



# DuPage Water Commission

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

**NOTICE IS HEREBY GIVEN THAT A SPECIAL COMMITTEE OF THE WHOLE MEETING OF THE DUPAGE WATER COMMISSION WILL BE HELD AT 6:30 P.M. ON WEDNESDAY, JULY 14, 2010, AT ITS OFFICES LISTED BELOW. THE AGENDA FOR THE SPECIAL COMMITTEE OF THE WHOLE MEETING IS AS FOLLOWS:**

## AGENDA

**DUPAGE WATER COMMISSION  
COMMITTEE OF THE WHOLE  
WEDNESDAY, JULY 14, 2010  
6:30 P.M.**

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

- I. Roll Call  
(Majority of the Commissioners then in office—minimum 7)
- II. Approval of Minutes of Special Committee of the Whole of June 10, 2010  
(Concurrence of a Majority of those Commissioners Present, provided there is a quorum—minimum 4)

**RECOMMENDED MOTION: To approve the Minutes of the June 10, 2010 Special Committee of the Whole Meeting of the DuPage Water Commission (Voice Vote).**

- III. Recommendations From Ad Hoc Committee
- IV. Finance
- V. Engineering
- VI. Adjournment

Board/Agenda/Commission/COW1007S.docx

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 SPECIAL COMMITTEE OF THE WHOLE  
MEETING OF THE DUPAGE WATER COMMISSION  
HELD ON THURSDAY, JUNE 10, 2010  
600 E. BUTTERFIELD ROAD  
ELMHURST, ILLINOIS**

The meeting was called to order by Vice Chairman Mueller at 6:39 P.M.

Commissioners in attendance: T. Bennington (arrived at 6:45 P.M.), E. Chaplin, T. Elliott (arrived at 6:45 P.M.), R. Furstenuau, L. Hartwig, W. Maio, G. Mathews, W. Mueller, W. Murphy, F. Saverino (arrived at 7:00 P.M.), and D. Zeilenga

Commissioners Absent: J. Zay and L. Rathje

Also in attendance: T. McGhee, R. Skiba, M. Crowley, C. Johnson, R. C. Bostick, M. Weed, J. Nesbitt and E. Kazmierczak

**APPROVAL OF MINUTES**

Commissioner Chaplin moved to approve the Minutes of the May 13, 2010 Special Committee of the Whole Meeting of the DuPage Water Commission. Seconded by Commissioner Hartwig and unanimously approved by a Voice Vote.

All voted aye. Motion carried.

**RECOMMENDATIONS FROM AD HOC COMMITTEE**

Commissioner Murphy reminded the Commissioners that at the May Committee of the Whole and regular Commission meetings, it was the consensus of the Board to focus on and begin the selection process for the General Manager's position. With that said, Commissioner Murphy suggested that staff update the recruitment profile and professional announcement originally prepared by The Par Group and place the updated announcement in appropriate publications. With regard to utilizing the services of a search firm during the selection process, Commissioner Murphy recommended against outsourcing the search, stating that the Commission is looking for a unique individual with a specific background. Commissioner Murphy added that keeping the search in-house would also save time and money.

Commissioners Bennington and Elliott arrived at 6:45 P.M.

Commissioner Murphy concluded his report by suggesting that a designated application deadline be selected and by urging the Board to be actively involved in the entire interview/selection process.

**JOB DESCRIPTION AND SELECTION PROCESS FOR FINANCIAL ADMINISTRATOR**

Commissioner Mathews distributed a revised job description for the Financial Administrator, welcoming any additional changes.

## Minutes of the 6/10/10 Committee of the Whole Meeting

Commissioner Murphy noted his appreciation of Commissioner Mathews' efforts and those of the other Commissioners that submitted suggestions regarding the Financial Administrator's job description, but reminded the Commissioners that the focus should remain on the selection process for the General Manager because the new General Manager should be involved in the selection/interview process for a new Financial Administrator.

After much discussion regarding whether to include a salary range in the professional announcement for the General Manager's position and the range to be included, if any, Commissioner Murphy moved to direct staff to update the recruitment profile and professional announcement originally prepared by The Par Group, including a salary range of \$140,000.00- \$160,000.00 depending on qualifications and experience, and to place the updated announcement in appropriate publications with a "desired" application deadline of July 30, 2010. Seconded by Commissioner Furstenau and unanimously approved by a Roll Call Vote:

Ayes: T. Bennington, E. Chaplin, T. Elliott, R. Furstenau, L. Hartwig, W. Maio, G. Mathews, W. Murphy, D. Zeilenga, and W. Mueller

Nays: None

Absent: F. Saverino, J. Zay, and L. Rathje

In referring back to the May Commission meeting, Commissioner Hartwig inquired whether staff had asked one of the unsuccessful firms interviewed for the fiscal year 2010 and 2011 audits to informally quote a cost for outsourcing the Commission's financial functions so that the Board could get a feel for the cost involved. Acting General Manager McGhee advised that he had received an estimated annual cost of approximately \$216,000 from Crowe Horwath which assumed 1,019 hours of work. Acting General Manager McGhee questioned, however, whether the hours quoted would be sufficient to eliminate the need for a Financial Administrator and the Commission's two accountants (one permanent and one temporary).

Commissioner Saverino arrived at the meeting at 7:00 P.M.

### FINANCE REPORT

Former Financial Administrator Skiba reported that the Commission is about one month away from having reserves back to normal, noting that the numbers look good. Former Financial Administrator Skiba also informed the Board that while significant progress had been made in re-establishing revenue bond account requirements, the Water Fund has an unrestricted deficit of \$12.9 million due to the amount of debt certificate proceeds that have been used to fund operations and the Commission still had to address repayment of the \$70MM in short-term Certificates of Debt.

Vice Chairman Mueller thanked Former Financial Administrator Skiba for his continued support.

## Minutes of the 6/10/10 Committee of the Whole Meeting

In referring to the Water Sales Analysis Report, Commissioner Furstenau noted that operations and maintenance revenues billed to customers was less than the cost of water purchases from the City of Chicago. Former Financial Administrator Skiba explained that in the Fiscal Year 2010-11 Budget, the Board decided to use sales taxes to subsidize not only the debt service component of the water rate but also the operations component and, thus, the difference between what customers are billed and what the Commission pays for water is covered by sales tax revenues for FY 2010-11.

Commissioner Chaplin expressed concerns with charging customers a water rate that does not cover all costs and noted that that is how the Commission got into trouble. Commissioner Hartwig disagreed, stating that the Commission got into financial trouble due to poor accounting and the Board acting on incorrect facts. Commissioner Hartwig further stated that it would be irresponsible for the Board to charge its customers more than what was needed.

Treasurer/Commissioner Zeilenga echoed Commissioner Hartwig's comments, adding that in addition to poor management and poor accounting, the Commission's financial troubles were also due to a \$40MM rebate to the customers and \$40MM-\$50MM in construction improvement projects. Treasurer/Commissioner Zeilenga noted that the Commission has always helped the residents of DuPage County by subsidizing the water rates and now that the sales tax will be eliminated in 2016, the Commission will have no choice but to increase the water rate substantially higher which will negatively impact residents.

Before moving on to engineering matters, Commissioner Mathews asked whether the effective date of the water rate increase was May 1, 2010. Former Financial Administrator Skiba confirmed the May 1 date, noting that only part of the increase would be reflected in June receipts with the full increase being reflected in July receipts.

### **ENGINEERING REPORT**

Acting General Manager McGhee referred the Board to a memorandum regarding proposed security enhancements for the DuPage Pumping Station and asked Facilities Construction Supervisor/Safety Coordinator Bostick to provide some historical background and explain the timing needed for a determination.

Facilities Construction Supervisor/Safety Coordinator Bostick summarized the Board's discussions in 2007 regarding the DuPage Pumping Station security enhancements and the Commission's retention of CTI Consulting, a security specialist, to review the project design for security concerns. Facilities Construction Supervisor/Safety Coordinator Bostick noted that the CTI Consultant recommended the hardware elements of the CCTV, Perimeter Security and Gate Access Control Security Systems be eliminated from the project as bid in order to minimize the release of sensitive security information into the public domain. After Facilities Construction Supervisor/Safety Coordinator Bostick advised that it was time to decide whether the Board wanted to move forward with the installation of some or all of the omitted elements because the generator and

## Minutes of the 6/10/10 Committee of the Whole Meeting

other site improvements at the DuPage Pumping Station were 90% complete, Commissioner Elliott deferred all further discussion to Executive Session due to the sensitive nature of the discussion.

After Commissioner Murphy suggested the Board continue holding Committee of the Whole meetings prior to the regular Commission meeting for purposes of discussing various issues and, specifically, the selection process for a new General Manager, Commissioner Zeilenga moved to terminate the Committee meetings and continue Committee of the Whole meetings prior to the regular Commission meetings for the remainder of the 2010 calendar year. Seconded by Commissioner Furstenau.

After Commissioner Chaplin expressed concerns with terminating Committee meetings and, specifically, Finance Committee meetings, noting that the Board should at least be reviewing the financials provided by staff for accuracy, discussion ensued concerning the following:

- Whether terminating Committee meetings would eliminate the Finance Committee Chairman as a designated check signatory
- Making all Commissioners members of the Finance Committee
- Creating a subcommittee to oversee the Financial Reports

After discussion concluded, Commissioner Zeilenga as the maker, and Commissioner Furstenau as the second, agreed to withdraw the pending motion. At which point, Commissioner Zeilenga moved to cancel the Administration, Engineering, and Finance Committee meetings and continue Committee of the Whole meetings prior to the regular Commission meetings for the remainder of the 2010 calendar year. Seconded by Commissioner Furstenau and unanimously approved by a Voice Vote:

All voted aye. Motion carried.

After Commissioner Zeilenga reassured the Commissioners that he had been working closely with staff on the detailed financial reports, Commissioner Murphy suggested that, perhaps, after the General Manager has been selected, the Board should consider eliminating the Administration Committee altogether and dividing the Commissioners into two groups, with half serving on the Finance Committee and the other half serving on the Engineering Committee.

In referring to the recommendations made by Jenner & Block in the Forensic Audit Report, Commissioner Chaplin stated she fully supported continuing the Administration, Engineering, and Finance Committee meetings as recommended by Jenner & Block, noting that a Finance Committee needs to actively supervise the staff. Commissioner Maio disagreed, stating that at some point the Board needs to trust staff and the information being provided, especially when the finances are now functioning fine. Commissioner Maio added that the purpose of holding a monthly Committee of the

Minutes of the 6/10/10 Committee of the Whole Meeting

Whole meeting was that it not only served as an educational tool, but also kept all Commissioners involved.

Commissioner Zeilenga moved to adjourn the meeting at 7:50 P.M. Seconded by Commissioner Furstenau and unanimously approved by a Voice Vote.

All voted aye. Motion carried.

Board/Minutes/Committee of the Whole/COW1006.doc



# DuPage Water Commission

## MEMORANDUM

TO: Terry McGhee, Acting General Manager

FROM: Rick Skiba, Consultant *RS*

DATE: July 1, 2010

SUBJECT: Financial Report – Monthly Closing

With less than one day to prepare for the Board package mailing and with Monday, July 5, being a holiday, the June financial reports and accounts payable list may have to be delivered at the Committee of the Whole meeting. If at all possible, these documents will be mailed next Tuesday.

Monthly Closing 2010.06.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: July 1, 2010

SUBJECT: Status of Operations

### Operations Overview

The Commission's sales for the month of June were a total of 2.48 billion gallons. This represents an average day demand of 80.0 million gallons per day (MGD), which is higher than the June 2009 average day demand of 79.0 MGD. The maximum day demand was 98.1 MGD on June 30, 2010, which is higher than the June 2009 maximum day demand of 93.0 MGD. The minimum day flow was 69.2 MGD. The Commission's recorded total precipitation for the month of June was 6.17 inches compared to 4.18 inches for June 2009. The level of Lake Michigan for June 2010 is 578.06 (Feet IGLD 1985) compared to 578.80 (Feet IGLD 1985) for June of 2009.

### Water Conservation

The Commission has distributed 22 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 DWC Water Conservation Program will be featured at the following events:

Taste of Westmont Saturday, July 10<sup>th</sup> (the Village is selling rain barrels as well)

Cantigny Green Fair September 25<sup>th</sup>



A summer newsletter will contain information regarding this event and any future events.

### Document Management

CLS has completed the installation and implementation of the Document Management Software, WorkShare Comparison software, and provided end-user training for the above mentioned software.

The Records Management software has been installed, which completes the first phase of the Document Management System. 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 Contractor is working on record drawings.

#### Contract PSD-7 DPPS Electrical Generation

All ComEd feeder and related work is now complete with the exception of testing the transfer/trip controls. Generator start-up and testing is tentative for early July. A report has been provided by the engineer for review. Masonry, electrical, mechanical, painting and HVAC work is ongoing. Concrete paving in the service yard is ongoing. Landscaping work has resumed. Change Order No. 9 appears on the Agenda as R-30-10. A table of change orders approved, pending or in development has been prepared for review. Payout No. 18 appears on the Accounts Payable. The project completion date remains November 25, 2010.

#### Generator Supply Contract

With all generators installed, start-up and testing is all that remains under this contract. The dates for these activities are to be determined based upon work progress of the PSC-4 and PSD-7 contracts.

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

Scheduled ComEd utility shutdown and coordination of work activities begins July 6<sup>th</sup>. Electrical rough-in and HVAC work is ongoing. A report has been provided by the engineer for review. Payouts No. 12 and 13 appear on the

Accounts Payable. A table of change orders approved, pending or in development has been prepared for review. The project completion date is October 21, 2010.

As previously reported, the concern remains that the completion of the work will be delayed due to critical equipment shop drawing submittals not being provided in a timely manner.

#### Contract PSC-5 Lexington Photovoltaic Cells

Acceptance Testing is tentatively scheduled for mid to late July. Payout No. 4 appears on the Accounts Payable. A report has been provided by the engineer for review. A table of change orders approved, pending or in development has been prepared for review. The project completion date is July 21, 2010, however due to delays in PSC-4 construction which prohibit the connection to the electrical distribution system, a time extension request is forthcoming.

#### Winfield Additional Connection – Contract MS-17/10

Excavation, concrete forming and pouring is underway. The Contract Completion date is September 21, 2010.

#### DuPage County Service Areas - Contract MS-18/09

The Contractor is working on remaining punch list items. A final balancing Change Order No. 3 appears on the Agenda as R-31-10. Final Payout No. 7 appears on Accounts Payable. The project completion remains June 15, 2010.

### **GIS**

#### GIS Web Site

Staff is working on a new internal GIS web site that will use ArcGIS Server software instead of ArcIMS.

### **Pipeline Construction Overview**

#### Contract QR-8 (Quick Response Contract)

No active authorizations at this time.

### **Pipeline Distribution System Maintenance**

Annual exercising of distribution system valves has begun and is expected to continue through November.

**JULY 2010 COMMISSION AGENDA ITEMS:**

**R-29-10-----**A Resolution Approving and Ratifying Certain Work Authorization Orders Under Quick Response Electrical Contract QRE-4/08 at the July 8, 2010, DuPage Water Commission Meeting.

**R-30-10-----**A Resolution Approving and Ratifying Certain Contract PSD-7/08 Change Orders at the July 8, 2010, DuPage Water Commission Meeting.

**R-31-10-----**A Resolution Approving and Ratifying Certain Contract MS-18/09 Change Orders at the July 8, 2010, DuPage Water Commission Meeting.

**R-32-10-----** A Resolution Awarding a Contract for Window Cleaning Services at the July 8, 2010, DuPage Water Commission Meeting.

**Attachments:**

1. DuPage Laboratory Bench Sheets for June, 2010


EPA0610

DUPAGE WATER COMMISSION LABORATORY BENCH SHEET  
MONTHLY REPORT FOR JUNE 2010

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	0.82	0.10	0.49	0.80	0.11	63	7.6	1.0	0.49	0	RC
2	0.81	0.10	0.49	0.80	0.12	63	7.6	1.0	0.47	0	RC
3	0.79	0.12	0.53	0.78	0.12	64	7.5	1.1	0.45	0	RC
4	0.76	0.11	0.46	0.75	0.11	64	7.5	1.1	0.48	0	GA
5	0.74	0.10	0.51	0.74	0.10	64	7.6	1.0	0.45	0	GA
6	0.82	0.10	0.46	0.76	0.11	64	7.6	1.0	0.46	0	GA
7	0.80	0.10	0.53	0.76	0.11	66	7.6	1.0	0.50	0	RC
8	0.75	0.10	0.51	0.78	0.13	65	7.6	1.0	0.53	0	RC
9	0.79	0.11	0.52	0.76	0.09	66	7.6	1.0	0.55	0	RC
10	0.82	0.09	0.51	0.75	0.12	66	7.6	1.0	0.50	0	RC
11	0.77	0.09	0.49	0.75	0.11	66	7.6	1.0	0.48	0	RC
12	0.77	0.09	0.51	0.78	0.10	66	7.6	1.0	0.50	0	GA
13	0.77	0.10	0.53	0.76	0.10	66	7.6	1.0	0.53	0	GA
14	0.80	0.09	0.53	0.73	0.10	67	7.6	1.0	0.52	0	GA
15	0.81	0.11	0.51	0.75	0.09	67	7.6	1.0	0.49	0	GA
16	0.75	0.10	0.53	0.71	0.12	67	7.6	1.0	0.51	0	RC
17	0.81	0.11	0.53	0.76	0.12	67	7.7	1.0	0.53	0	RC
18	0.76	0.10	0.54	0.74	0.10	67	7.6	1.0	0.51	0	RC
19	0.80	0.11	0.55	0.71	0.10	67	7.5	1.0	0.51	0	RC
20	0.76	0.10	0.48	0.75	0.09	67	7.6	1.0	0.48	0	GA
21	0.74	0.10	0.46	0.72	0.11	67	7.6	1.0	0.45	0	GA
22	0.77	0.11	0.49	0.73	0.11	67	7.6	1.1	0.49	0	GA
23	0.77	0.11	0.51	0.75	0.10	67	7.6	1.1	0.50	0	GA
24	0.77	0.10	0.48	0.75	0.12	67	7.6	1.1	0.50	0	RC
25	0.79	0.10	0.54	0.76	0.11	67	7.7	1.0	0.55	0	RC
26	0.82	0.10	0.53	0.77	0.11	67	7.6	1.0	0.50	0	RC
27	0.75	0.12	0.50	0.76	0.10	67	7.7	1.0	0.50	0	GA
28	0.76	0.12	0.48	0.75	0.09	68	7.6	1.0	0.48	0	GA
29	0.78	0.11	0.49	0.78	0.10	67	7.6	1.0	0.48	0	GA
30	0.79	0.10	0.48	0.77	0.10	67	7.6	1.0	0.49	0	GA
31											
AVG	0.78	0.10	0.49	0.76	0.11	66	7.6	1.0	0.50	0	
MAX	0.82	0.12	0.55	0.80	0.13	68	7.7	1.1	0.55	0	
MIN	0.74	0.09	0.46	0.71	0.09	63	7.5	1.0	0.45	0	

  
Terrance McGhee  
Acting General Manager

**DuPage Water Commission  
Facilities Construction Change Order Log**

**July 1, 2010**

<b>PSC-4 LEXINGTON GENERATORS AND VFD'S</b>			<b>ORIGINAL CONTRACT</b>	<b>\$17,209,000.00</b>	
CHANGE ORDER	DATE APPROVED	CONTENT	COST	REVISED CONTRACT COST	CUMULATIVE CHANGE ORDER PERCENTAGE
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	2.39%
<b>PSC-5 LEXINGTON PHOTOVOLTAIC</b>			<b>ORIGINAL CONTRACT</b>	<b>\$7,996,000.00</b>	
CHANGE ORDER	DATE APPROVED	CONTENT	COST	REVISED CONTRACT COST	CUMULATIVE CHANGE ORDER PERCENTAGE
1	8/14/09	Expansion of 24 KW from ILDCEO Grant received	\$250,000.00	\$8,246,000.00	3.13%
<b>PSD-7 DUPAGE GENERATORS/OFFICE/GARAGE EXPANSION</b>			<b>ORIGINAL CONTRACT</b>	<b>\$16,970,000.00</b>	
CHANGE ORDER	DATE APPROVED	CONTENT	COST	REVISED CONTRACT COST	PROPOSED CUMULATIVE CHANGE ORDER PERCENTAGE
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	
9	Appears on July 8, 2010 Agenda	HVAC Modifications, Access Ladder, Concrete Sidewalks & Stairs, Lighting Modifications and Security System Enhancements	\$302,241.00	17,561,348.00	3.48%



**DuPage Water Commission**

**PSC-04/08**

# **Lexington Pumping Station**

Division A – Generator Facility

Division B – Variable Frequency Drives

## **Progress Report #16**

**June 2010**

Prepared by:

Dwayne Allen/Greeley and Hansen



**GREELEY AND HANSEN**



**McDonough Associates Inc.**  
**Engineers/Architects**

June 30, 2010

## Progress Report – June 2010

The following is a brief report of the progress achieved on the PSC-04/08 project at the Lexington Pumping Station for the month of June 2010.

### I. Summary of Work Performed and Project Status

The PSC-04/08 project is progressing on schedule for completion of the project on October 21, 2010. As planned, electrical, HVAC, and Generator Building radiator exhaust ductwork continues. The duct bank between the Generator and Electrical building was completed and the medium voltage cables were pulled from the generator disconnects in the Generator Building to the paralleling gear in the Electrical Building. In the Pumping Station, the old LCI-1 drive was demolished and new pads were poured for installation of the new equipment. B-AFD-1 and the new sections for the existing switchgear were received, set, and installed. Commissioning for the new B-AFD-1 began at the end of this month. Photographs of June's progress can be found at the end of this report.

### II. Project Progress

- Contract Commencement Date July 21, 2008
- Contract Duration 730 calendar days
- Approved Time Extensions
  - Generator Delivery Period 188 days
  - Contract Completion Date 92 days
- Revised Contract Duration 822 calendar days
  - Days Expended 709
  - Percent Completion 86.3%
- Final Completion Date October 21, 2010

### III. Planned Work – June 2010

The Month of July will bring commissioning of B-AFD-1, and the beginning of the shutdowns for the ComEd transformer modifications and corresponding Plant Work. The electrical, underground fuel tanks and HVAC Work will continue in the Electrical and Generator Buildings this month. Finally, work on both the North and South Roads will continue with the beginning of the curb/gutter and base aggregate work on the North as well as final earthwork and landscaping on the South.



## Progress Report – June 2010

### IV. Construction Costs and Progress Payments

The following summary reflects activity through pay request #13 which is currently being processed for payment approval.

• Original Contract Price	\$17,209,000.00
• Approved Permit/Water Main Related Change Orders	\$ 417,902.87
○ Permit/WM Change Order Percentage	2.4%
• Approved Constructive Change Orders	-\$ 6,044.77
○ Constructive Change Order Percentage	-0.03%
• Revised Contract Price	\$ 17,620,858.10
• Completed to Date	\$ 13,386,718.69
• Percent Completed to Date	76%

### V. Pending Action Items and Project Issues

#### A. *RTU Installation issue*

The resubmittal for the revised curb configuration has been reviewed and approved. The work to correct the RTU installation is expected to take place in July.





## Progress Report – June 2010

### Installation of B-AFD-1



### Installation of New Bus for Existing Switchgear



## Progress Report – June 2010

### Generator Radiator Exhaust Ductwork



Duct Bank Between Electrical and Generator Building





**DuPage Water Commission**

**PSC-05/08**

**Lexington Pumping Station**

**PHOTOVOLTAIC SYSTEM**

**Progress Report #11**

**June 2010**

Prepared by:

Dwayne Allen/Greeley and Hansen



**GREELEY AND HANSEN**



**McDonough Associates Inc.**  
**Engineers/Architects**

June 30, 2010

## Progress Report June – 2010

The following is a brief report of the progress achieved on the PSC-05/08 project at the Lexington Pumping Station for the month of June 2010.

### I. Summary of Work Performed and Project Status

As documented in the last progress report, installation work for the PSC-05/08 Project has been completed and the remaining work for project completion is primarily testing and commissioning related. The Contractor has confirmed that the testing/commissioning of the PV System will require functioning permanent power service to the Electrical Building. Although the Contractor has not provided an updated schedule at this time, it is known that the power service will not be available until mid to late August. These circumstances will result in completion of work being delayed beyond the Contract Completion Date of July 21, 2010.

- Contract Commencement Date                      July 21, 2008
- Contract Duration                                      730 calendar days
  - Days Expended                                      709
  - Percent Time Complete                              97.1%
- Approved Time Extension                              0 days
- Final Completion Date                              July 21, 2010

### II. Planned Work – July 2010

At this time, further progress on the PSC-05/08 Project is not expected for the month of July. Although a Notice of Completion cannot be issued until the system is fully commissioned, the Engineers will conduct a preliminary review of the Work and develop a punch list if necessary.

### III. Construction Costs and Progress Payments

The progress payment summary is reflective of the installation milestone payments to-date.

- Original Contract Price                              \$ 7,996,000.00
- Approved Grant Change Orders                      \$ 250,000.00
- Approved Constructive Change Orders              \$ 0.00
- Constructive Change Order Percentage              0.0%
- Revised Contract Price                              \$ 8,246,000.00
- Completed to Date                                      \$ 6,646,800.00
- Percent Completed to Date                              80.6%



## Progress Report June – 2010

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### **IV. Pending Action Items and Project Issues**

- A.** Although a Contract extension is anticipated for the PSC-05/08 Project, preparation of the change order documents for Owner's consideration will be delayed until further details for the Project's completion are known.



## Progress Report June – 2010

Terminations in Disconnect Switch on Reservoir Wall



Cable Termination in CT Meter Cabinet



## Progress Report June – 2010

4-4" Conduits from CT Meter Cabinet to 480V Gear



# **Electric Generation Facility & Office/Garage Expansion**



## **DuPage Water Commission**

**600 E. Butterfield Road**

**Elmhurst IL 60126**

**PSD 7/08**

Monthly Progress Report #18

June 2010







July 1, 2010

Mr. Chris Bostick  
Facilities Construction Supervisor/Safety Coordinator  
DuPage Water Commission  
600 East Butterfield Rd.  
Elmhurst, IL 60126

*Subject:* DuPage Water Commission  
Electrical Generation Facility and Office/Garage Expansion  
Monthly Construction Progress Report No. 18

Dear Mr. Bostick:

We herewith submit our Progress Report No. 18 for the construction of the Electrical Generation Facility and Office/Garage Expansion for the DuPage Pumping Station covering the one month period from June 1, 2010 through June 30, 2010.

**1. *Overview and Status of the Work***

The Electrical Generation Facility and Office/Garage Expansion for the DuPage Pumping Station project consist of the renovation and expansion of the Existing Service Building in both the North and South directions. The North expansion is to create office space, the South expansion is to house four Standby 2500 kW Diesel Engine-Generators and the existing portion is to be the Electrical Room. Due to the conversion of the Existing Service Building a new Garage is to be built. Also, the existing Upper Parking Lot is to be relocated to the Northwest area of the site to allow for the installation of a covered parking structure. The project includes site piping, grading and pavement to accommodate the changes.

In the past month, Williams Brothers Construction, Inc. (WBCI) has continued installing fire suppression and sprinkler piping throughout the buildings. Additionally, they continued installing topsoil, seed, pavers and landscaping. Installation of the security fence and gates continued. WBCI continued painting the walls, doors, ceilings, conduit, piping and structural steel throughout the buildings. They continued pulling and terminating cable and wire as well as installed and tested the switchgear in the new and

existing Electrical Rooms. They installed asphaltic pavement for the driveway into the Lower Parking Lot. They continued placing concrete for the Lower Parking Lot, sidewalks, curbs and retaining wall caps. Finally, on June 29<sup>th</sup> the new portable generator was delivered to the facility.

**2. *Scheduled Upcoming Work/July, 2010***

In the next month, Williams Brothers Construction, Inc. plans to continue painting the structural steel, doors, conduit, piping, ceilings and walls throughout the buildings. Electrical work will continue in the office, generator and existing service buildings with the installation of electrical equipment, fixtures and wire. They plan to continue installing topsoil, seed and landscaping throughout the site. Also, WBCI will continue cleaning and installing final finishes. Finally, they plan to begin testing and starting HVAC, mechanical and electrical equipment.

**3. *Project Schedule***

The June 2010 Construction Schedule update indicates the project's final completion date remains on schedule.

*Contract No. PSD-7/08*

▪ Contract Execution Date	November 25, 2008
▪ Contract Duration (final Completion)	730 calendar days
▪ Time Expended	584 days
▪ Percent Time Complete	80.00%
▪ Approved Time Extensions	0 days
▪ Final Completion Date	November 24, 2010

**4. *Construction Costs and Progress Payments***

Applications for Progress Payments have been submitted each month by Williams Brothers Construction, Inc. to commensurate with the work performed. The following is a summary of progress payments.

*Contract No. PSD-7/08*

▪ Original Contract Price	\$16,970,000.00
▪ Approved Change Orders	\$ 289,107.00

Mr. C. Bostick

July 1, 2010

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▪ Approved Change Order Percentage	1.70%
▪ Revised Contract Price	\$17,259,107.00
▪ Total Completed To Date	\$ 16,315,083.43
▪ Percent Completed To Date	94.53%

5. *Pending Action Items and Issues*

- A change orders is pending.

Should you have any questions, please do not hesitate to call.

Very truly yours,

Robert J. Reid  
Resident Engineer  
Camp Dresser & McKee Inc.

cc: David D. Tucker, Jacquelyne Sanders

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July 1, 2010  
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New Plaque



Lower Parking Lot Entrance

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Landscaping Progress



Portable Generator

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Front Entrance Progress

**Open Contracts Summary  
July 1, 2010**

Contractor	Project	Contract Amount	Approved Change Orders	Current Contract Amount	Contract Commencement Date	Contract Completion Date	Percent Complete
<b>Construction</b>							
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	July 21, 2010	81%
PATTEN INDUSTRIES, INC.	SUPPLY OF ENGINE GENERATORS	\$ 6,417,608.00	\$ -	\$ 6,417,608.00	September 13, 2007		90%
JOSEPH J HENDERSON AND SON	ELECTRIC GENERATION FACILITY AND VARIABLE FREQUENCY DRIVES AT THE LEXINGTON PUMPING STATION	\$ 17,209,000.00	\$ 411,858.10	\$ 17,620,858.10	July 21, 2008	October 21, 2010	67%
WILLIAMS BROTHERS CONSTRUCTION CO.	ELECTRIC GENERATION FACILITIES, GARAGE AND OFFICE EXPANSION AT THE DUPAGE PUMPING STATION	\$ 16,970,000.00	\$ 289,107.00	\$ 17,259,107.00	November 25, 2008	November 24, 2010	96%
R CARLSON AND SONS	GRANULAR MATERIAL AND VEHICLE STORAGE FACILITY AT THE DUPAGE PUMPING STATION	\$ 1,106,824.00	\$ 120,579.00	\$ 1,227,403.00	January 6, 2009	November 11, 2009	100%
CONCORD CONSTRUCTION SERVICES, INC.	DUPAGE COUNTY METER/PRESSURE ADJUSTING STATIONS 9A/9B	\$ 994,700.00	\$ 61,529.89	\$ 1,056,229.89	September 16, 2009	April 15, 2010	90%
MARTAM CONSTRUCTION, INC.	WINFIELD METER/PRESSURE ADJUSTING STATIONS 17B	\$ 209,760.00	\$ -	\$ 209,760.00	March 25, 2010	September 21, 2010	0%
<b>Services</b>							
GREELEY AND HANSEN LLC	LEXINGTON PUMP STATION PHOTOVOLTAIC ENGINEERING	\$ 1,178,236.00	\$ -	\$ 1,178,236.00	January 12, 2007	October 21, 2010	85%
GREELEY AND HANSEN LLC	LEXINGTON PUMP STATION GENERATOR/VFD ENGINEERING	\$ 2,670,676.00	\$ -	\$ 2,670,676.00	January 12, 2007	October 21, 2010	85%
CAMP DRESSER MCKEE	DUPAGE PUMP STATION GENERATION ENGINEERING	\$ 2,004,688.00	\$ -	\$ 2,004,688.00	November 10, 2003	November 24, 2010	80%
CAMP DRESSER MCKEE	SUPPLY OF ENGINE GENERATORS ENGINEERING	\$ 146,227.00	\$ -	\$ 146,227.00	January 11, 2007	November 24, 2010	90%
AECOM	GRANULAR MATERIAL AND VEHICLE STORAGE FACILITY AT THE DUPAGE PUMPING STATION ENGINEERING	\$ 177,540.00	\$ -	\$ 177,540.00	June 13, 2007	November 11, 2009	95%

AECOM	DUPAGE COUNTY METER/PRESSURE ADJUSTING STATIONS 9A/9B ENGINEERING	\$	162,680.00	\$	-	\$	162,680.00	December 12, 2008	April 15, 2010	100%
AECOM	WINFIELD METER/PRESSURE ADJUSTING STATIONS 17B	\$	71,700.00	\$	-	\$	71,700.00	June 9, 2006	September 21, 2010	50%

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