



DuPage Water Commission

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

AGENDA

ENGINEERING & CONSTRUCTION COMMITTEE
THURSDAY, JULY 21, 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 June 23, 2011

RECOMMENDED MOTION: To approve the Minutes of the June 23, 2011 Engineering & Construction Committee Meeting of the DuPage Water Commission.

- III. Report of Status of Construction/Operations
- IV. R-33-11---A Resolution Approving and Ratifying Certain Contract PSC-4/08 Change Orders at the July 21, 2011, DuPage Water Commission Meeting.
- V. Purchase Order No. 12956 to HD Supply Waterworks in the amount of \$42,715.60.
- VI. Discussion Items
- VII. Other
- VIII. Adjournment

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**MINUTES OF A MEETING OF THE
ENGINEERING & CONSTRUCTION COMMITTEE
OF THE DUPAGE WATER COMMISSION
HELD ON THURSDAY, JUNE 23, 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, and M. Scheck

Committee members absent: J. Zay ex officio

Also in attendance: R. C. Bostick, F. Frelka, E. Kazmierczak, and J. Schori. J. Spatz and T. McGhee entered the meeting at 6:45 PM.

Commissioner Saverino moved to approve the Minutes of the May 19, 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

Facilities Construction Supervisor / Safety Coordinator Bostick noted on the Status of Operations report the actual total precipitation for May 2011 was 4.9 inches rather than the 34.9 inches as reported.

Chairman Loftus noted that with the full Engineering and Construction Committee agenda, the Committee would forgo the customary review of the remainder of the Status of Operations report and get straight to the agenda items.

IV. Ordinance O-10-11: An Ordinance Determining the Prevailing Rate of Wages in DuPage County and Cook County was reviewed and noted that this is a statutorily required action undertaken by the Commission annually in July.

V. Ordinance O-11-11: An Ordinance Approving and Authorizing the Execution of an Intergovernmental Agreement between the DuPage Water Commission and the County of DuPage Concerning the Construction and Operation of a Joint Facility for the Steeple Run Service Area was reviewed and noted that approval of this action authorizes Staff to begin the process of designing the facility. It was also noted that there are currently several professional services RFP's being reviewed for the related hydraulic modeling and design services. Staff advised that recommendations for awarding professional services contracts are tentatively scheduled for the July Commission meeting.

VI. Resolution R-27-11: A Resolution Approving and Ratifying Certain Task Orders Under a Master Contract with EN Engineering, LLC was reviewed. Chairman Loftus requested that future additional information be supplied to the Committee for similar undertakings as to definition and delineation of what is considered minor and major tasks.

VII. Resolution R-28-11: A Resolution Approving a Second Amendment to Task Order No. 6 Under the Master Contract with EN Engineering, LLC was reviewed. Chairman Loftus expressed concern regarding use of a Master Task Order Agreement dating back to 2006 and his desire for Staff to refresh or rebid this agreement. Chairman Loftus also requested that additional information such as the Engineer's scope of work and price proposals be included in the information supplied to the Committee.

VIII. Resolution R-29-11: A Resolution Approving and Ratifying Certain Work Authorization Orders Under Quick Response Contract QR-8/08 was reviewed. This resolution is the official authorization of the request to proceed as orally requested and approved at the May 19, 2011 Commission meeting. The work is at the IL Route 53 right of way at the Springbrook Creek Bridge in Itasca which involved the abandonment of a Commission owned blow off structure.

IX. Resolution R-30-11: A Resolution Awarding Quick Response Contract (Contract QR-9/11) was reviewed. The bidding process has resulted in the staff recommendation to award a contract to two firms. General Manager Spatz informed the Committee that when the type of work is known and time permits, staff will be soliciting proposals from the two contracted firms in order to receive the best pricing for the proposed work.

X. Resolution R-31-11: A Resolution Approving and Ratifying Certain Work Authorization Orders Under Quick Response Electrical Contract QRE-5/10 was reviewed. This work entails the reaffixing of electrical service conduits which have separated from the electrical metering sockets due to earth settlement below the electrical duct banks. General Manager Spatz advised the committee that originally twelve such sites were selected however Instrumentation/Remote Facilities Supervisor Schori reassessed the work and was able to perform in-house repairs on six sites and reduce the amount of contracted work.

XI. Purchase Order No. 12914 to INFOR Global Solutions in the amount of \$24,280.00 was discussed. GIS Coordinator Frelka advised that Staff has initiated discussions with Infor about upgrading the program from version 8.2 to 8.5 possibly around the end of summer. This project is in the budget for the current fiscal year. It will allow staff to take advantage of new program features in version 8.5. General Manager Spatz advised that GIS Coordinator Frelka developed a new budget summary report in Infor to track the cost of purchase orders compared to budgeted amounts. Previously this information was not available in Infor because the financial accounting in done is Incode, the financial management program, and the two programs do not communicate with each

Engineering Meeting Minutes June 23, 2011

other. General Manager Spatz further advised that the Commission would benefit from future development of a communication protocol between these two programs.

Commissioner Furstenau moved to adopt item numbers IV through XI under the Engineering & Construction Committee Agenda in a single group pursuant to the Omnibus Vote Procedures (Roll Call).

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

Commissioner Scheck moved to adjourn the meeting at 7:03 P.M. Motion seconded by Commissioner Saverino 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: July 14, 2011

SUBJECT: Status of Operations

Operations Overview

The Commission's sales for the month of June were a total of 2.49 billion gallons. This represents an average day demand of 83.0 million gallons per day (MGD), which is higher than the June 2010 average day demand of 79.4 MGD. The maximum day demand was 101.9 MGD on June 7, 2011, which is higher than the June 2010 maximum day demand of 85.6 MGD. The minimum day flow was 65.9 MGD. The Commission's recorded total precipitation for the month of June was 3.39 inches compared to 6.17 inches for June 2010. The level of Lake Michigan for June 2011 is 578.11 (Feet IGLD 1985) compared to 578.07 (Feet IGLD 1985) for June 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 16 completed Utility Pledges, 12 status updates on the Utility Pledges, and seven resolutions supporting the Water Conservation and Protection Program.

The Commission is sponsoring a high school and college video contest on water conservation. Winning film(s) will be featured on dpwc.org and preservingeverydrop.org. Winner(s) will also receive a trophy and be eligible for prizes from participating partners. There were no videos submitted for this contest. Staff is looking into pushing back the submission date.

On June 20, School & Community Assistance for Recycling & Composting Education (SCARCE) arranged for approximately 20 DuPage teachers to attend a history and water conservation presentation at the Commission. This is the third group of teachers that have attended this event. A memo about this has been added to preservingeverydrop.org.

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-7 DPPS Electrical Generation

Generator, Medium Voltage Switchgear and Paralleling Gear acceptance testing is complete. Operation and maintenance training for the previously listed equipment will be completed by July 15th. The back-up generation facility is capable of being placed in automatic operation. Summer seasonal start-up testing and commissioning will be complete by July 15th. A table of change orders approved, pending or in development has been prepared for review. The project completion date is June 30, 2011 however a time extension change order request will be forthcoming.

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

Generator Supply Contract

All generator unit acceptance testing is complete. 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. Change Order No. 9 appears on the agenda as R-33-11. This is a time extension request to coincide with the work requested by Owner to modify the automatic fuel system on the portable generator.

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

The work is complete. The station will go online upon the Village of Winfield's construction of their rate control station.

DuPage County Service Areas

Ordinance O-11-11, an ordinance approving and authorizing the execution of an Intergovernmental Agreement between the DuPage Water Commission and the County of DuPage for the construction and operation of a Joint Facility for the Steeple Run Service Area was approved at the June DWC meeting. Some engineering work must be performed and the results included as an exhibit before the agreement can be executed by the Commission.

It is anticipated the professional service contract(s) for this work will be on the August DWC agenda.

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.

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

Work Authorization Order # QRE-5.002 was approved last month. The work to repair the electrical service entrances at various meter stations is being scheduled.

GIS

Paperless Agenda Project

Staff continues work on this project and has compiled additional information from a survey of other governmental organizations.

Infor EAM

The initial planning conference for the Infor EAM upgrade is scheduled for Wednesday, July 6.

Pipeline Construction Overview

Pipeline Maintenance and Corrosion Mitigation

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)

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

Contract QR-9 (Quick Response Contract)

QR-9 contracts were executed with Airy's Inc. and Rossi Contractors on July 1, 2011.

Other

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

JULY 2011 COMMISSION AGENDA ITEMS:

R-32-11---A Resolution Approving and Authorizing the Execution of an Accord, Satisfaction and Release Agreement between the Village of Downers Grove and the DuPage Water Commission at the July 21, 2011, DuPage Water Commission Meeting.

R-33-11---A Resolution Approving and Ratifying Certain Contract PSC-4/08 Change Orders at the July 21, 2011, DuPage Water Commission Meeting.

Attachments:

1. DuPage Laboratory Bench Sheets for June , 2011
2. Water Sales Analysis 01-June-06 to 30-June- 2011

DUPAGE WATER COMMISSION LABORATORY BENCH SHEET
MONTHLY REPORT FOR JUNE 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	PO ₄ mg/l	P.A.C. LBS/MG	ANALYST INT
1	0.78	0.10	0.53	0.75	0.08	58	7.6	1.1	0.53	0	GA
2	0.79	0.10	0.51	0.74	0.09	58	7.6	1.1	0.51	0	GA
3	0.76	0.09	0.51	0.78	0.09	60	7.7	1.1	0.52	0	RC
4	0.80	0.11	0.51	0.79	0.10	60	7.7	1.1	0.52	0	RC
5	0.79	0.12	0.51	0.79	0.10	62	7.7	1.1	0.52	0	RC
6	0.80	0.11	0.52	0.80	0.11	63	7.6	1.1	0.53	0	RC
7	0.81	0.10	0.50	0.80	0.09	59	7.7	1.1	0.50	0	GA
8	0.83	0.10	0.51	0.79	0.10	60	7.7	1.1	0.49	0	GA
9	0.81	0.10	0.51	0.77	0.10	59	7.7	1.0	0.50	0	GA
10	0.84	0.10	0.50	0.77	0.10	59	7.6	1.1	0.49	0	GA
11	0.83	0.10	0.54	0.84	0.09	59	7.6	1.1	0.51	0	GA
12	0.85	0.10	0.54	0.85	0.11	61	7.6	1.0	0.53	0	RC
13	0.82	0.10	0.53	0.86	0.11	61	7.6	1.0	0.52	0	RC
14	0.81	0.11	0.54	0.85	0.10	60	7.6	1.0	0.53	0	RC
15	0.84	0.11	0.52	0.84	0.10	59	7.7	1.1	0.50	0	GA
16	0.83	0.11	0.51	0.85	0.09	60	7.7	1.1	0.50	0	GA
17	0.85	0.11	0.50	0.85	0.08	61	7.7	1.1	0.51	0	GA
18	0.84	0.12	0.50	0.82	0.10	61	7.7	1.1	0.51	0	GA
19	0.82	0.11	0.53	0.84	0.10	61	7.7	1.2	0.52	0	JG
20	0.81	0.11	0.52	0.85	0.09	62	7.7	1.1	0.53	0	JG
21	0.83	0.11	0.52	0.86	0.09	62	7.7	1.1	0.51	0	JG
22	0.84	0.11	0.54	0.84	0.09	63	7.7	1.1	0.52	0	JG
23	0.80	0.10	0.53	0.86	0.10	62	7.7	1.0	0.51	0	MR
24	0.80	0.10	0.51	0.85	0.10	63	7.7	1.1	0.53	0	KD
25	0.80	0.11	0.52	0.85	0.10	63	7.7	1.1	0.53	0	RC
26	0.79	0.11	0.52	0.84	0.09	60	7.7	1.2	0.50	0	MR
27	0.82	0.11	0.53	0.86	0.11	61	7.7	1.1	0.53	0	JG
28	0.84	0.11	0.53	0.86	0.10	62	7.7	1.0	0.55	0	JG
29	0.82	0.11	0.51	0.84	0.09	62	7.6	1.1	0.51	0	JG
30	0.83	0.11	0.54	0.84	0.10	63	7.7	1.0	0.52	0	JG
31											
AVG	0.82	0.11	0.50	0.82	0.10	61	7.7	1.1	0.52	0	
MAX	0.85	0.12	0.54	0.86	0.11	63	7.7	1.2	0.55	0	
MIN	0.76	0.09	0.50	0.74	0.08	58	7.6	1.0	0.49	0	


Terrance McGhee
Manager of Water Operations

DU PAGE WATER COMMISSION
WATER SALES ANALYSIS

01-May-92 TO 30-Jun-11

PER DAY AVERAGE 81,201,017

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 OPFR. & MAIN. 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	\$4,732,461.45	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%	\$3,781,835.84	\$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	\$4,418,825.00	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
TOTALS (1)	568,407,121,400	584,689,871,362	97.22%	\$763,130,629.15	\$725,933,781.53	587,056,197	0.10%	97.32%	\$1.34	\$1.242

(1) - SINCE MAY 1, 1992

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

(3) - DOES NOT INCLUDE FIXED COST PAYMENTS

Operations\Spreadsheets\H2OSALES.xls

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%
9	In Development for August 2011 Agenda	Contract Time Extension	\$0.00	\$17,701,949.20	PROPOSED CUMULATIVE CHANGE ORDER PERCENTAGE THROUGH CO#9 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

July 14, 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	In Development for August 2011 Agenda	Negotiated Work in Lieu of Material Supply, Time Extension Request	\$0.00	\$17,646,332.00	PROPOSED 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	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%
3	In Development for August 2011 Agenda	Actual Costs to Modify Fuel Delivery System as Approved by CO#2			

**Open Contracts Summary
Ending June 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		85%	10%
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%	20%

(1) Completion based on approved/pending contractor invoices

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