



# DuPage Water Commission

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

## AGENDA

### **ENGINEERING & CONSTRUCTION COMMITTEE**

**THURSDAY, AUGUST 13, 2009**

**7:00 P.M.**

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

## COMMITTEE MEMBERS

W. Maio, Chair

L. Hartwig

W. Mueller

A. Poole

I. Roll Call

II. Approval of Committee Meeting Minutes of July 9, 2009

**RECOMMENDED MOTION: To approve the Minutes of the July 9, 2009 Committee Meeting of the DuPage Water Commission.**

III. Report of Status of Construction/Operations

IV. Partial Pay Request

#### Quick Response Contracts

- Restoration Work (QR8-009B) Authorized by R-37-09 \$4,886.89
- Manhole Frame Replacement Warrenville Road and Cabot Drive (QR8-015A) Authorized by R-37-09 \$6,189.68
- Valve Box Adjustment at 2131 High Street (QR8-001B) Authorized by R-25-09 \$1,320.14
- Restoration Work at 411 Park Lane (QR8-005B) Authorized by R-25-09 \$4,824.85
- Restoration Work at 360 N. Rohlwing Road (QR8-012A) Authorized by R-25-09 \$2,741.3
- Repaired Water Main at 75<sup>th</sup> & Washington (QR8-014A) Authorized by R-25-09 \$42,707.12

**RECOMMENDED MOTION: The Engineering Committee recommends to the Commission approval of payments in the amount of \$62,669.98 as part of the accounts payable, subject to submission of all contractually required documentation.**

V. Resolution No. R-42-09: A Resolution Approving a Second Amendment to Task Order No. 21 Under the Master Contract with AECOM USA Inc. at the August 13, 2009, DuPage Water Commission Meeting

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

- **\$15,000.00 NTE Cost Increase** from \$35,380.00 to \$50,380.00

**RECOMMENDED MOTION:** The Engineering Committee recommends to the Commission approval of Resolution No. R-42-09: A Resolution Approving a Second Amendment to Task Order No. 21 Under the Master Contract with AECOM USA Inc. at the August 13, 2009, DuPage Water Commission Meeting.

- VI. Resolution No. R-43-09: A Resolution Approving and Ratifying Certain Work Authorization Orders Under Quick Response Electrical Contract QRE-4/08 at the August 13, 2009, DuPage Water Commission Meeting.

- **estimated cost \$20,300.00**

**RECOMMENDED MOTION:** The Engineering Committee recommends to the Commission approval of Resolution No. R-43-09: A Resolution Approving and Ratifying Certain Work Authorization Orders Under Quick Response Electrical Contract QRE-4/08 at the August 13, 2009, DuPage Water Commission Meeting.

- VII. Resolution No. R-44-09: A Resolution Approving and Ratifying Certain Contract Change Orders at the August 13, 2009, DuPage Water Commission Meeting.

- **estimated cost \$250,000.00 (Contract PSC-5/08)**
- **estimated cost \$48,702.00 (Contract PSD 6A/08)**
- **estimated cost \$33,179.00 (Contract PSD 7/08)**

**RECOMMENDED MOTION:** The Engineering Committee recommends to the Commission approval of Resolution No. R-44-09: A Resolution Approving and Ratifying Certain Contract Change Orders at the August 13, 2009, DuPage Water Commission Meeting.

- VIII. Resolution No. R-45-09: A Resolution Approving and Ratifying Certain Work Authorization Orders Under Quick Response Electrical Contract QRE-4/08 at the August 13, 2009, DuPage Water Commission Meeting.

- **estimated cost \$8,500.00**

**RECOMMENDED MOTION:** The Engineering Committee recommends to the Commission approval of Resolution No. R-45-09: A Resolution Approving and Ratifying Certain Work Authorization Orders Under Quick Response Contract QR-8/08 at the August 13, 2009, DuPage Water Commission Meeting.

- IX. Resolution No. R-46-09: A Resolution Approving and Ratifying Certain Task Orders under a Master Contract with AECOM USA, Inc. at the August 13, 2009, DuPage Water Commission Meeting

**- \$15,000.00 NTE Cost**

**RECOMMENDED MOTION:** The Engineering Committee recommends to the Commission approval of Resolution No. R-46-09: A Resolution Approving and Ratifying Certain Task Orders under a Master Contract with AECOM USA, Inc. at the August 13, 2009, DuPage Water Commission Meeting.

- X. Resolution No. R-47-09: A Resolution Approving a First Amendment to Contract for Document Management System Consulting Services at the August 13, 2009, DuPage Water Commission Meeting

**- \$5,072.50 NTE Cost Increase from \$16,000.00 to \$21,072.50**

**RECOMMENDED MOTION:** The Engineering Committee recommends to the Commission approval of Resolution No. R-47-09: A Resolution Approving a Second Amendment to Task Order No. 21 Under the Master Contract with AECOM USA Inc. at the August 13, 2009, DuPage Water Commission Meeting.

- XI. Resolution No. R-48-09: A Resolution Approving and Ratifying Certain Task Orders under a Master Contract with Peters & Associates, Inc. at the August 13, 2009, DuPage Water Commission Meeting

**- \$3,000.00 NTE Cost**

**RECOMMENDED MOTION:** The Engineering Committee recommends to the Commission approval of Resolution No. R-48-09: A Resolution Approving and Ratifying Certain Task Orders under a Master Contract with Peters & Associates, Inc. at the August 13, 2009, DuPage Water Commission Meeting.

- XII. Adjournment

**MINUTES OF A MEETING OF THE  
ENGINEERING & CONSTRUCTION COMMITTEE  
OF THE DuPAGE WATER COMMISSION  
HELD ON THURSDAY, JULY 9, 2009  
600 EAST BUTTERFIELD ROAD  
ELMHURST, ILLINOIS**

The meeting was called to order at 7:05 P.M.

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

Committee members absent: L. Hartwig

Also in attendance: J. Schori, E. Kazmierczak, F. Frelka, and Jenessa Nesbitt.

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

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

The Committee reviewed the memorandum regarding the Status of Operations dated July 2, 2009.

Commissioner Poole moved to recommend to the Commission approval of Resolution No. R-36-09: A Resolution Approving and Ratifying Certain Contract Change Orders at the July 9, 2009, DuPage Water Commission Meeting. Motion seconded by Commissioner Mueller and passed unanimously as follows:

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

Commissioner Mueller moved to recommend to the Commission approval of Resolution No. R-37-09: A Resolution Approving and Ratifying Certain Work Authorization Orders Under Quick Response Contract QR-8/08 at the July 9, 2009, DuPage Water Commission Meeting. Motion seconded by Commissioner Poole and passed unanimously as follows:

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

## Engineering Meeting Minutes July 9, 2009

Commissioner Poole moved to recommend to the Commission approval of Resolution No. R-38-09: A Resolution Approving and Ratifying Certain Task Orders Under a Master Contract with Peters & Associates, Inc. at the July 9, 2009, DuPage Water Commission Meeting. Motion seconded by Commissioner Mueller and passed unanimously as follows:

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

Commissioner Mueller moved to recommend to the Commission approval of Resolution No. R-39-09: A Resolution Approving and Ratifying Certain Task Orders Under a Master Contract with Patrick Engineering, Inc. at the July 9, 2009, DuPage Water Commission Meeting. Motion seconded by Commissioner Poole and passed unanimously as follows:

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

Commissioner Poole moved to recommend to the Commission approval of Resolution No. R-40-09: A Resolution Approving a First Amendment to the Landscape Maintenance Services Contract between the DuPage Water Commission and Acres Enterprises, Inc at the July 9, 2009, DuPage Water Commission Meeting. Motion seconded by Commissioner Mueller and passed unanimously as follows:

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

Commissioner Mueller moved to recommend to the Commission approval of Resolution No. R-41-09: A Resolution Approving and Ratifying Certain Task Orders Under a Master Contract with Patrick Engineering, Inc. at the July 9, 2009, DuPage Water Commission Meeting. Motion seconded by Commissioner Poole. Commissioner Maio asked why we were amending the original Task Order. Staff informed him the original scope work did not include everything staff envisioned for the project, and additional work outside of the scope would be necessary to deliver the desired product. The motion passed unanimously as follows:

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

Engineering Meeting Minutes July 9, 2009

Commissioner Poole moved to adjourn the meeting at 7:15 P.M. Motion seconded by Commissioner Mueller and passed unanimously as follows:

Aye: W. Mueller, A. Poole, and W. Maio

Nay: None

Absent: L. Hartwig

All voted aye. Motion carried.

BOARD/MINUTES/ENG090709.doc



# DuPage Water Commission

## MEMORANDUM

TO: Robert Martin 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: August 7, 2009

SUBJECT: Status of Operations

### Operations Overview

The Commission's sales for the month of July were a total of 2.888 billion gallons. This represents an average day demand of 93.2 million gallons per day (MGD), which is lower than the July 2008 average day demand of 101.8 MGD. The maximum day demand was 100.8 MGD on July 21, 2009, which is lower than the July 2008 maximum day demand of 118.7 MGD. The minimum day flow was 83.2 MGD. The Commission's recorded total precipitation for the month of July was 1.53 inches compared to 4.76 inches for July 2008. The level of Lake Michigan for July 2009 is 578.85 (Feet IGLD 1985) compared to 578.22 (Feet IGLD 1985) for July of 2008.

### Water Conservation

The Commission held a utility training seminar on July 20, 2009. The utility representatives in attendance were very receptive to the program and eager to participate. The Commission participated in The Elmhurst Green-Fest on August 1, 2009 and will take part in the Cantigny Green-Fair on September 26, 2009.

### Document Management

Staff is working with the CLS Group to complete the initial document inventory that will be sent to the Secretary of State for their destruction authorization. The Document Management software has been purchased and bids have been received for the installation and implementation services. Data Transfer is scheduled to begin at the end of August.

**Facilities Construction Overview****Contract PSD-6 Reservoir Addition - Division A – Equipment Storage Building and Material Storage**

The Contractor has completed the concrete columns, beams and parapets and continues working on the underground electrical utilities. The masonry work is nearing completion. Requirements of the Building Permit include a wet-pipe fire suppression system and additional storm water facilities. The controls and alarms portion of the wet-pipe fire suppression system and the stormwater facilities change order appears on the agenda as part of R-44-09. A time extension of 14 days has also been requested to perform the stormwater related work.

**Contract PSD-7 DPPS Electrical Generation**

The Contractors work continues with progress in the following areas: masonry work, site work, electrical duct bank plumbing and mechanical installations. A report has been provided by the engineer for review. Several items are included as change orders in R-44-09. The project completion date remains November 25, 2010.

**Generator Supply Contract**

The generator equipment shop testing is complete. The delivery of generators to the Lexington Pumping Station is delayed due to permitting issues.

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

The City of Chicago building permit has been issued and site work is underway. The project completion date is July 21, 2010.

**Contract PSC-5 Lexington Photovoltaic Cells**

The City of Chicago building permit has been issued and site work is underway. The project completion date is July 21, 2010. The City of Chicago has received a grant from the Illinois Department of Commerce and Economic Opportunity and has requested that the photovoltaic system be expanded. This change order request appears as part of R-44-09.

**Chicago Department of Transportation – Laramie Avenue Viaduct**

The City of Chicago has requested easements from the Commission adjacent to the Lexington Pumping Station to perform bridge improvements. A task order for AECOM to continue engineering review assistance and representation for design and construction impacts of the proposed improvements to existing Commission facilities appears on the agenda as R-46-09.



Winfield Additional Connection

ComEd continues working to resolve the MS-27A access issues.

Naperville Additional Connection

Staff is working on the revisions to the draft IGA and additional hydraulic studies based on revised information provided by the City.

DuPage County Service Areas

Design for the Glen Ellyn Heights and Hobson Valley (Greene Road) service areas are near complete and should be out for bids beginning August 10<sup>th</sup>.

Electrical Safety for DWC Employees

The arc flash studies performed by Greeley and Hansen are being updated to meet the 2009 NFPA 70 revisions.

Contract VA-1

The valve actuators have been delivered to the contractor and work is scheduled to begin on August 24<sup>th</sup>.

Contract QRE-4/08 (Quick Response Electrical)

Work Authorization No. 5 was issued before board approval to avoid delaying work on the PSD-7 and PSD-6A construction contracts and involves two different tasks. 1.) Replacement of corroded conduits between the pump station and the reservoir. 2.) Install fiber optic cable for communications between the pump station and the new Equipment Storage Building. These tasks appear on the agenda as R-43-09.

GISDuPage Pumping Station As-built Drawings

Patrick Engineering has begun work on the mechanical system drawings for the DuPage Pumping Station. This project is expected to be completed by the end of September.

DuPage Water Commission Web Site

Staff is working with BridgePoint Technologies of Oak Brook on a redesigned external web site for the Commission. The site is expected to be ready in early August.

Corrosion Control

Once staff receives the cathodic protection test station data from EN Engineering it will be displayed in GIS. The parameters have been defined that will show sections of pipe that are cathodically protected, the type of protection (galvanic vs. impressed current) and effective vs. shorted isolation flanges. Staff is working on developing the methodology to store the data in the Infor Enterprise Asset Management system.

### GIS Software

The Commission has purchased a new server which will allow GIS staff to begin work on a new internal GIS web site using ArcGIS Server. ArcGIS Server is a more robust mapping software package than the currently used ArcIMS. The new web site will be easier to customize and provides more built-in features.

### Pipeline Construction Overview

#### CONTRACT QR-8/08 (QUICK RESPONSE CONTRACT)

Work Authorization no.3 (Forest Park interconnect cable). CSX Railroad permit was issued on July 2, 2009. Contractor is coordinating flagger training with the railroad and work will begin once this training has been completed.

#### CONTRACT VSR-1 (VALVE STEM REPLACEMENT)

Design is approximately 70% complete.

#### Contract TS-8 (South Transmission Main Corrosion Mitigation Project)

60 day notices have been sent out and the contract is expected to be advertised in August or September

#### Contract TS-7 (South Transmission Main Relocation)

Contract plans and specifications have been completed. Advertisement is on hold pending resolution of the IGA issue with the City of Naperville.

### **AUGUST 2009 COMMISSION AGENDA ITEMS:**

**R-42-09**-----A Resolution Approving a Second Amendment to Task Order No. 21 Under the Master Contract with AECOM USA, Inc. at the August 13, 2009, DuPage Water Commission Meeting.

**R-43-09**-----A Resolution Approving and Ratifying Certain Work Authorization Orders Under Quick Response Electrical Contract QRE-4/08 at the August 13, 2009, DuPage Water Commission Meeting.

**R-44-09**-----A Resolution Approving and Ratifying Certain Contract Change Orders at the August 13, 2009, DuPage Water Commission Meeting.

**R-45-09**-----A Resolution Approving and Ratifying Certain Work Authorization Orders Under Quick Response Contract QR-8/08 at the August 13, 2009, DuPage Water Commission Meeting.

**R-46-09**-----A Resolution Approving and Ratifying Certain Task Orders under a Master Contract with AECOM USA, Inc. at the August 13, 2009, DuPage Water Commission Meeting.

**R-47-09**-----A Resolution Approving and Authorizing the Execution of a First Amendment to the Contract for Document Management System Consulting Services at the August 13, 2009, DuPage Water Commission Meeting.

**R-48-09**----- A Resolution Approving and Ratifying Certain Task Orders Under a Master Contract with Peters & Associates, Inc. at the August 13, 2009, DuPage Water Commission Meeting.

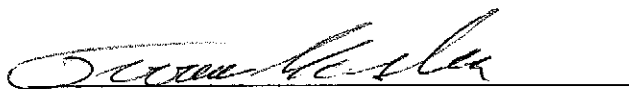
1. DuPage Laboratory Bench Sheets for July, 2009
2. Water Sales Analysis 01-May-06 to 31-July-09

DUPAGE WATER COMMISSION LABORATORY BENCH SHEET  
 MONTHLY REPORT FOR JULY 2009

## 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	PO <sub>4</sub> mg/l	P.A.C. LBS/MG	ANALYST INT
1	0.67	0.11	0.47	0.80	0.11	62	7.5	1.0	0.48	0	RC
2	0.68	0.09	0.44	0.76	0.10	62	7.5	1.0	0.48	0	RC
3	0.72	0.10	0.48	0.79	0.08	62	7.6	1.0	0.46	0	GA
4	0.68	0.09	0.48	0.79	0.09	62	7.5	1.1	0.49	0	GA
5	0.70	0.09	0.49	0.76	0.10	62	7.5	1.1	0.49	0	GA
6	0.71	0.10	0.47	0.76	0.09	62	7.5	1.1	0.47	0	GA
7	0.73	0.10	0.45	0.78	0.10	62	7.5	1.1	0.42	0	KD
8	0.69	0.11	0.42	0.77	0.11	62	7.5	1.1	0.45	0	KD
9	0.73	0.10	0.42	0.76	0.09	62	7.6	1.1	0.42	0	GA
10	0.69	0.09	0.46	0.80	0.09	62	7.5	1.1	0.43	0	GA
11	0.70	0.10	0.47	0.81	0.10	62	7.5	1.2	0.48	0	GA
12	0.67	0.10	0.48	0.80	0.10	63	7.5	1.1	0.50	0	GA
13	0.69	0.11	0.48	0.82	0.10	63	7.5	1.2	0.42	0	GA
14	0.67	0.10	0.46	0.79	0.09	62	7.4	1.2	0.42	0	GA
15	0.74	0.11	0.48	0.78	0.11	62	7.5	1.1	0.43	0	GA
16	0.68	0.12	0.42	0.82	0.10	63	7.5	1.0	0.47	0	RC
17	0.72	0.12	0.50	0.79	0.10	63	7.5	1.0	0.48	0	RC
18	0.75	0.11	0.50	0.81	0.11	63	7.5	0.9	0.43	0	RC
19	0.72	0.10	0.50	0.79	0.09	63	7.6	1.1	0.42	0	GA
20	0.69	0.10	0.48	0.83	0.10	63	7.5	1.1	0.45	0	GA
21	0.66	0.11	0.48	0.79	0.10	62	7.5	1.1	0.43	0	GA
22	0.74	0.10	0.49	0.80	0.11	63	7.5	1.2	0.42	0	GA
23	0.70	0.12	0.46	0.79	0.10	63	7.5	0.9	0.48	0	RC
24	0.71	0.12	0.50	0.77	0.10	64	7.5	1.0	0.47	0	RC
25	0.68	0.11	0.48	0.81	0.10	63	7.4	1.1	0.51	0	RC
26	0.79	0.11	0.47	0.79	0.10	64	7.5	0.9	0.48	0	RC
27	0.67	0.11	0.44	0.79	0.10	64	7.5	1.1	0.48	0	GA
28	0.68	0.11	0.51	0.77	0.11	64	7.5	1.2	0.49	0	GA
29	0.68	0.11	0.47	0.79	0.10	64	7.6	1.2	0.46	0	GA
30	0.68	0.11	0.49	0.79	0.10	64	7.6	1.2	0.46	0	GA
31	0.72	0.12	0.45	0.82	0.11	64	7.5	0.9	0.47	0	RC
AVG	0.70	0.11	0.47	0.79	0.10	63	7.5	1.1	0.46	0	
MAX	0.79	0.12	0.51	0.83	0.11	64	7.6	1.2	0.51	0	
MIN	0.66	0.09	0.42	0.76	0.08	62	7.4	0.9	0.42	0	

  
 Terrance McGhee  
 Manager of Water Operations

  
 Robert L. Martin  
 General Manager

DU PAGE WATER COMMISSION  
WATER SALES ANALYSIS

01-May-92

TO

30-Jun-09

PER DAY AVERAGE

81,348,186

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 RATE
May-06	2,610,813,000	2,692,357,782	96.97%	\$3,237,408.12	\$3,580,835.85	5,227,307	0.19%	97.17%	\$1.24
Jun-06	2,992,447,000	3,070,487,707	97.46%	\$3,710,960.98	\$4,083,748.65	4,407,260	0.14%	97.60%	\$1.24
Jul-06	3,271,454,000	3,360,915,489	97.34%	\$4,056,602.96	\$4,470,017.60	4,330,000	0.13%	97.47%	\$1.24
Aug-06	3,182,143,000	3,278,914,023	97.05%	\$3,945,857.32	\$4,360,955.65	4,157,170	0.13%	97.18%	\$1.24
Sep-06	2,472,175,000	2,539,240,000	97.36%	\$3,065,988.70	\$3,377,189.20	4,242,692	0.17%	97.53%	\$1.24
Oct-06	2,290,903,000	2,358,823,308	97.12%	\$2,840,719.72	\$3,137,235.00	4,540,716	0.19%	97.31%	\$1.24
Nov-06	2,180,207,000	2,227,311,241	97.89%	\$2,703,456.68	\$2,962,323.95	26,850,568	1.30%	99.18%	\$1.24
Dec-06	2,226,395,000	2,288,619,699	97.28%	\$2,760,729.80	\$3,043,864.20	3,979,814	0.17%	97.46%	\$1.24
Jan-07	2,220,804,000	2,280,218,308	97.39%	\$2,753,796.96	\$3,032,690.35	3,980,439	0.17%	97.57%	\$1.24
Feb-07	2,140,510,000	2,201,007,331	97.25%	\$2,654,454.82	\$2,927,339.75	3,710,444	0.17%	97.42%	\$1.24
Mar-07	2,210,108,000	2,255,212,245	98.18%	\$2,741,312.06	\$5,224,324.05	3,891,151	0.17%	98.35%	\$1.24
Apr-07	2,181,740,000	2,251,116,429	96.92%	\$2,705,357.60	\$2,993,984.85	4,352,433	0.19%	97.11%	\$1.24
May-07	2,863,644,000	2,951,900,000	97.01%	\$2,978,988.48	\$3,926,001.00	4,012,875	0.14%	97.15%	\$1.04
Jun-07	3,292,831,000	3,396,024,774	96.96%	\$3,424,545.52	\$4,516,712.95	4,468,064	0.13%	97.09%	\$1.04
Jul-07	3,314,840,000	3,412,423,571	97.14%	\$3,447,433.60	\$4,538,523.35	4,456,650	0.13%	97.27%	\$1.04
Aug-07	2,883,008,000	2,966,379,286	97.19%	\$2,998,328.32	\$3,945,284.45	4,172,900	0.14%	97.33%	\$1.04
Sep-07	2,951,692,000	3,051,590,188	96.73%	\$3,070,294.72	\$4,058,614.95	3,977,217	0.13%	96.86%	\$1.04
Oct-07	2,512,609,400	2,578,045,000	97.46%	\$2,614,883.38	\$3,428,799.85	9,585,389	0.37%	97.83%	\$1.04
Nov-07	2,143,753,000	2,205,810,263	97.19%	\$2,230,952.72	\$2,933,727.65	10,390,297	0.47%	97.66%	\$1.04
Dec-07	2,228,281,000	2,292,016,165	97.22%	\$2,317,412.24	\$3,048,381.50	2,174,944	0.09%	97.31%	\$1.04
Jan-08	2,262,968,000	2,324,208,591	97.37%	\$2,353,486.72	\$3,554,877.04	2,134,597	0.09%	97.48%	\$1.04
Feb-08	2,145,137,000	2,197,527,140	97.62%	\$2,232,195.60	\$3,361,117.76	2,074,217	0.09%	97.71%	\$1.04
Mar-08	2,239,073,000	2,295,015,835	97.56%	\$2,328,635.92	\$3,510,226.72	2,041,001	0.09%	97.65%	\$1.04
Apr-08	2,177,771,000	2,244,319,320	97.03%	\$2,266,101.68	\$3,432,686.40	8,144,629	0.36%	97.40%	\$1.04
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
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
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
Aug-08	3,184,859,000	3,279,095,181	97.85%	\$3,312,253.36	\$5,015,376.08	2,353,100	0.07%	97.92%	\$1.04
Sep-08	2,552,623,000	2,618,576,751	97.44%	\$2,655,066.48	\$4,006,642.64	2,109,972	0.08%	97.52%	\$1.04
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
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
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
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
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
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
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
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
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
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
TOTALS (1)	509,971,780,400	524,949,912,365	97.15%	\$663,832,510.15	\$612,771,682.33	537,227,425	0.10%	97.25%	

(1) - SINCE MAY 1, 1992

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

Operations\Spreadsheets\H2O\SALES.xls

DU PAGE WATER COMMISSION

RESTORING DISTURBED AREAS FROM PREVIOUS WORK (QR8-009B)

ACCT. # 60-6631 AUTHORIZED BY R-37-09  
MARTAM CONSTRUCTION, INC.  
1200 GASKET DRIVE

ELGIN, IL 60120

	TUES 05/12/09	HOURS UNITS	RATE	EXTENTION	FEE	AMOUNT
LABOR						
LABOR FOREMAN - (J. ARNOLD)	8.00	8.00	51.52	412.16		
OPERATOR - (D. KUTROVATZ)		0.00	74.63	0.00		
OPERATOR - OT (D. KUTROVATZ)		0.00	102.63	0.00		
OPERATOR - (D. DAUDERMAN )	8.00	8.00	60.08	480.64		
OPERATOR - OT (D. DAUDERMAN )	1.50	1.50	80.81	121.22		
LABOR TOP - (R. DOMINGUEZ)		0.00	50.27	0.00		
LABOR TOP - (Y. YOUKHANNA)		0.00	50.27	0.00		
LABOR TOP - (E. BARAJAS)	8.00	8.00	50.27	402.16		
LABOR TOP - OT (E. BARAJAS)	1.00	1.00	67.65	67.65		
LABOR TOP - (G. JERMAMDEZ)		0.00	50.27	0.00		
TEAMSTER - (M. DOMINGUEZ )	8.00	8.00	43.68	349.44		
TEAMSTER - OT (M. DOMINGUEZ )	2.00	2.00	59.73	119.46		
TEAMSTER - (M. MATUSEK)		0.00	44.03	0.00		
TEAMSTER - OT (M. CLAUSSNER)		0.00	60.26	0.00		
				<u>1,952.71</u>	35.00%	2,636.16
MATERIAL						
ROLLS FOR STABILIZATION BLANKET		155.25		155.25		
BOX OF BLANKET SPIKES		33.80		33.80		
50 LB. BAG OF SEED		90.00		90.00		
DUMPS AT GLEN ELLYN YARD		450.00		450.00		
LOADS OF PULVERIZED BLACK DIRT (DUPAGE TOPSOIL)		150.00		150.00		
LOADS OF PULVERIZED BLACK DIRT (EARTH, INC)		126.66		126.66		
				<u>1,005.71</u>	20.00%	1,206.85
EQUIPMENT						
CASE 1845C SKIDSTEER		9.50	28.57	271.42		
FOUR WHEEL DUMP TRUCK W/TRAILER		10.00	39.44	394.40		
2007 GMC SIERRA 1/2 TON		8.00	25.51	204.08		

CONFIRMED

BY:                      DATE: 6/3/09

ACCT # : 60-6631 AMT: 4,886.89

ACCT # :                      AMT:                     

APPROVED                     

869.90 20.00% 1,043.88

4,886.89



## DU PAGE WATER COMMISSION

VALVE BOX ADJUSTMENT AT 2131 HIGH ST (QR8-001B)  
 ACCT. # 60-6631 AUTHORIZED BY R-25-09  
 ROSSI CONTRACTORS  
 201 WEST LAKE STREET  
 NORTHLAKE, IL 60164

	THU 06/04/09	HOURS UNITS	RATE	EXTENTION	FEE	AMOUNT
LABOR						
LABOR FOREMAN - (JIM GUMBER )	3.00	3.00	51.27	153.81		
LABOR FOREMAN - OT (JIM GUMBER )	1.00	1.00	69.15	69.15		
LABOR TOP - (J. LANE )	3.00	3.00	50.27	150.81		
LABOR TOP - OT (J. LANE )	1.00	1.00	67.65	67.65		
LABOR TOP - (I. ZEPEDA)	3.00	3.00	50.27	150.81		
LABOR TOP - OT (I. ZEPEDA)	1.00	1.00	67.65	67.65		
				<u>659.88</u>	40.00%	923.83
MATERIAL						
HOME DEPOT INV. #19820158600	19.08			19.08		
				0.00		
				0.00		
				0.00		
				0.00		
				0.00		
				<u>19.08</u>	10.00%	20.99
EQUIPMENT						
F-250 PICKUP TRUCK	4.00	4.00	27.95	111.80		
F-550 DUMP TRUCK	4.00	4.00	40.60	162.40		
GENERATOR	4.00	4.00	8.21	32.84		
ELECTRIC PUMP - 2"	4.00	4.00	2.63	10.52		
ELECTRIC PUMP HOSE - 2"	4.00	4.00	0.09	0.36		
HAMMER DRILL	4.00	4.00	2.46	9.84		
CUT-OFF SAW	4.00	4.00	3.36	13.44		
				<u>341.20</u>	10.00%	375.32
						<u>1,320.14</u>

60-6631 DATE: 8/31/09  
 AMT 1320.14

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## DU PAGE WATER COMMISSION

RESTORATION WORK AT WOOD DALE METER STATION 23-B AT 411 PARK LANE - WOOD DALE, IL (QR8-005B)

ACCT. # 60-6633 AUTHORIZED BY R-25-09

ROSSI CONTRACTORS

201 WEST LAKE STREET

NORTHLAKE, IL 60164

	WED 06/03/09	THU 06/04/09	HOURS UNITS	RATE	EXTENTION	FEE	AMOUNT
LABOR							
LABOR FOREMAN - (JIM GUMBER )	8.00	5.00	13.00	51.27	666.51		
LABOR FOREMAN - OT (JIM GUMBER )	0.50		0.50	69.15	34.58		
LABOR TOP - (J. LANE )	8.00	5.00	13.00	50.27	653.51		
LABOR TOP - (I. ZEPEDA)	8.00	5.00	13.00	50.27	653.51		
					<u>2,008.11</u>	40.00%	2,811.35
MATERIAL							
PRAIRIE MATERIALS INV. #94271100		87.84			87.84		
SHEMIN INV. #717812		438.94			438.94		
R&R MATERIALS INV. #44130		225.00			225.00		
SHERMIN INV. #717912		130.50			130.50		
					0.00		
					0.00		
					<u>882.28</u>	10.00%	970.51
EQUIPMENT							
F-250 PICKUP TRUCK		13.50	13.50	27.95	377.33		
F-550 DUMP TRUCK		13.00	13.00	40.60	527.80		
CHAIN SAW - 16"		16.00	16.00	2.69	43.04		
					0.00		
					<u>948.17</u>	10.00%	1,042.99
							<u>4,824.85</u>

WOOD DALE  
 DATE 8/3/09  
 ACCT. # 60-6633 AMT 4824.85  
 APPROVED [Signature]

## DU PAGE WATER COMMISSION

RESTORATION WORK NEAR 360 N. ROHLWING RD. - ITASCA, IL (QR8-012A)

ACCT. # 60-6631 AUTHORIZED BY R-25-09

ROSSI CONTRACTORS

201 WEST LAKE STREET

NORTHLAKE, IL 60164

	FRI 06/05/09	HOURS UNITS	RATE	EXTENTION	FEE	AMOUNT
LABOR						
LABOR FOREMAN - (JIM GUMBER )	8.00	8.00	51.27	410.16		
LABOR FOREMAN - OT (JIM GUMBER )	0.50	0.50	69.15	34.58		
LABOR TOP - (J. LANE )	8.00	8.00	50.27	402.16		
LABOR TOP - OT (J. LANE )	0.00	0.00	67.65	0.00		
LABOR TOP - (I. ZEPEDA)	8.00	8.00	50.27	402.16		
LABOR TOP - OT (I. ZEPEDA)	0.00	0.00	67.65	0.00		
				<u>1,249.06</u>	40.00%	1,748.68
MATERIAL						
SHEMIN INV. #718112	130.50			130.50		
SHEMIN INV. #718160	130.50			130.50		
R & R MATERIALS INV. #44131	79.00			79.00		
				0.00		
				0.00		
				0.00		
				<u>340.00</u>	10.00%	374.00
EQUIPMENT						
F-250 PICKUP TRUCK	8.50	8.50	27.95	237.58		
F-550 DUMP TRUCK	8.00	8.00	40.60	324.80		
				<u>562.38</u>	10.00%	618.62
						<u>2,741.30</u>

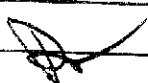
CONFIRMED

BY: 

DATE: 8/3/09

ACCT # : 60-6631 AMT: 2741.30

ACCT # : AMT:

APPROVED 

## DU PAGE WATER COMMISSION

REPAIRED 30" WATERMAIN AT 75TH ST. &amp; WASHINGTON ST., NAPERVILLE, IL (QR8-014A)

ACCT. # 60-6631.01 AUTHORIZED BY R-25-09

ROSSI CONTRACTORS

201 WEST LAKE STREET

NORTHLAKE, IL 60164

	TUE 05/19/09	WED 05/20/09	THUR 05/21/09	FRI 05/22/09	TUE 05/26/09	HOURS UNITS	RATE	EXTENTION	FEE	AMOUNT
<b>LABOR</b>										
LABOR FOREMAN - (JIM GUMBER )	8.00	8.00	8.00	8.00	8.00	40.00	51.27	2,050.80		
LABOR FOREMAN - OT (JIM GUMBER )	0.50	0.50	5.00	2.00		8.00	69.15	553.20		
OPERATOR - (A. AGRELLA)	8.00	8.00	8.00	8.00	8.00	40.00	62.53	2,501.20		
OPERATOR - OT (A. AGRELLA )	0.50	0.50	4.00	0.50	0.50	6.00	83.53	501.18		
LABOR BOTTOM - (R. FUENTES)	8.00	8.00	8.00	8.00	8.00	40.00	50.62	2,024.80		
LABOR BOTTOM - OT (R. FUENTES )	0.50		3.50			4.00	68.17	272.68		
LABOR BOTTOM - (I. ZEPEDA )	8.00	8.00	8.00	8.00	8.00	40.00	50.62	2,024.80		
LABOR BOTTOM - OT (I. ZEPEDA )	0.50	1.50	5.50	1.50		9.00	68.17	613.53		
LABOR TOP - (J. GARCIA)	8.00	8.00	8.00	8.00	8.00	40.00	50.27	2,010.80		
LABOR TOP - (J. GARCIA )	0.50		3.50			4.00	67.65	270.60		
TRUCK DRIVER - (J. O'SHEA)	8.00				8.00	16.00	43.60	697.60		
TRUCK DRIVER - OT (J. O'SHEA)	1.50				0.50	2.00	59.18	118.36		
WELDER - (M. GASSMAN)			8.00			8.00	65.53	524.24		
WELDER - OT (M. GASSMAN)			2.50			2.50	88.03	220.08		
WELDER - (S. MEYERS)			2.00			2.00	65.53	131.06		
WELDER - OT (S. MEYERS)						0.00	88.03	0.00		
	52.00	42.50	74.00	44.00	49.00			14,514.93	40.00%	20,320.90
<b>MATERIAL</b>										
BARRICADES LITES, INC. INV. #64437					994.00			994.00		
BARRICADES LITES, INC. INV. #64438					646.00			646.00		
R & R MATERIALS INV. #44109					683.29			683.29		
PRAIRIE MATERIALS INV. #94262737					175.68			175.68		
								0.00		
								0.00		
								2,498.97	10.00%	2,748.87
<b>EQUIPMENT</b>										
F-600 STEPVAN					49.00	49.00	30.49	1,494.01		
F-250 PICKUP TRUCK					58.50	58.50	27.95	1,635.08		
F-550 DUMP TRUCK					49.00	49.00	40.60	1,989.40		
F-800 DUMP TRUCK					17.00	17.00	46.84	796.28		
CAT 320L BACKHOE					46.00	46.00	101.48	4,668.08		
SEMI DUMP TRACTOR					18.00	18.00	77.64	1,397.52		
50T LOWBOY TRAILER					10.00	10.00	17.20	172.00		
DROPDECK TRAILER					8.00	8.00	14.91	119.28		
GENERATOR					98.00	98.00	8.21	804.58		
AIR COMPRESSOR					49.00	49.00	19.06	933.94		
JACKHAMMER - 90#					98.00	98.00	1.09	106.82		
JACKHAMMER - 30#					49.00	49.00	1.02	49.98		
3" ELECTRIC PUMP					147.00	147.00	4.01	589.47		
4" TRASH PUMP					98.00	98.00	11.00	1,078.00		
3" TRASH PUMP					49.00	49.00	8.60	421.40		
2" TRASH PUMP					49.00	49.00	5.62	275.38		
3" ELECTRIC PUMP HOSE					147.00	147.00	0.16	23.52		
4" TRASH PUMP HOSE					98.00	98.00	0.32	31.36		
3" TRASH PUMP HOSE					49.00	49.00	0.28	13.72		

CONFIRMED

BY: 

DATE: 5/23/09

ACCT # ; 60-6631.01

AMT: 42,707.12

ACCT #

AMT:

APPROVED 

REPAIRED 30" WATERMAIN AT 75TH ST. & WASHINGTON ST., NAPERVILLE, IL (QR8-014A)  
ACCT. # 60-6631.01 AUTHORIZED BY R-25-09  
ROSSI CONTRACTORS  
201 WEST LAKE STREET  
NORTHLAKE, IL 60164

[illegible]

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



## **DuPage Water Commission**

**600 E. Butterfield Road**

**Elmhurst IL 60126**

**PSD 7/08**

**Monthly Progress Report #7**

**July 2009**





August 1, 2009

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. 7

Dear Mr. Bostick:

We herewith submit our Progress Report No. 7 for the construction of the Electrical Generation Facility and Office/Garage Expansion for the DuPage Pumping Station covering the one month period from July 1, 2009 through July 31, 2009.

**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 installed forms, rebar and concrete for the western portion of the retaining wall located in the new visitors parking area. WBCI finished the installation of curbs in visitor parking area, the base layer of asphalt was installed and the new Butterfield entrance was completed. Demolition of the existing parking lot and the Cadwell Street entrance then began and excavated dirt was hauled offsite. Masonry work continued with the completion of

exterior block and brick walls on the office and generator buildings. Also, masonry work began on the garage with the installation of CMU walls and exterior brick, along with the necessary in-wall plumbing and electrical piping. Roof drain and overflow lines were installed in the office, existing service building and generator buildings and piping began for the chase wall in the office building. Under slab electrical conduit installation continued in the existing service building and WBCI began the installation of the silencers for the generators. Roof curbs were installed on the generator, existing service and office buildings and the roof of the generator building was completed. The office building roof installation has begun. Finally, WBCI continued installing the ductbanks from the ComEd Yard to the Existing service building.

2. *Scheduled Upcoming Work/August, 2009*

In the next month, Williams Brothers Construction, Inc. plans to finish the masonry work on the garage, continue the plumbing and electrical work in the office, generator, & existing service buildings and continue the installation of the silencers for the generators. WBCI will also complete the roof of the office building and begin the installation of the membrane roof on the existing service building. The louvers for the generator building will be delivered and installed. WBCI will continue excavating for the covered parking structure, installing the retaining wall and installing the lights for the parking area. The Cadwell Street entrance will be completed and reopened. Finally, the ductbank work will continue throughout the site.

3. *Project Schedule*

The July 2009 Construction Schedule update indicates the project's final completion date and the Engine-Generator deliveries will remain on schedule.

*Contract No. PSD-7/08*

▪ Contract Execution Date	November 25, 2008
▪ Contract Duration (final Completion)	730 calendar days
▪ Time Expended	249 days
▪ Percent Time Complete	34.11%
▪ Approved Time Extensions	0 days
▪ Final Completion Date	November 24, 2010

Mr. C. Bostick  
August 1, 2009  
Page 3

**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	\$ 128,585.00
▪ Approved Change Order Percentage	0.76%
▪ Revised Contract Price	\$17,098,585.00
▪ Total Completed To Date	\$ 4,586,408.38
▪ Percent Completed To Date	26.82 %

**5.      *Pending Action Items and Issues***

- There are few small Potential Change Orders pending for relatively minor changes.

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





Generator Building Roof



Office and Existing Service Building Roofs



New Parking Lot Construction



New Garage Construction Progress



Excavation of Upper Parking Lot



Installation of Silencers for Generators