



DuPage Water Commission

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

AGENDA

ENGINEERING & CONSTRUCTION COMMITTEE
THURSDAY, OCTOBER 8, 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

- Installation of Fiber Optic Cable (QRE4-005C) Authorized by R-43-09 \$9,602.26
- Replacement of Corroded Conduits between the Pumping Station and Reservoir (QRE4-003A) Authorized by R-33-09 \$18,605.17

RECOMMENDED MOTION: The Engineering Committee recommends to the Commission approval of payments in the amount of \$28,207.43 as part of the accounts payable, subject to submission of all contractually required documentation.

- V. Resolution No. R-54-09: A Resolution Awarding a Contract for the Construction of Corrosion Protection and Control for the South Transmission Main (Contract TS-8/09) at the October 8, 2009, DuPage Water Commission Meeting.

RECOMMENDED MOTION: The Engineering Committee recommends to the Commission approval of Resolution No. R-54-09: A Resolution Awarding a Contract for the Construction of Corrosion Protection and Control for the South Transmission Main (Contract TS-8/09) at the October 8, 2009, DuPage Water Commission Meeting.

- VI. Resolution No. R-55-09: A Resolution Awarding a Contract for the Construction of 30-Inch Diameter Water Main Relocation—75th and

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.

Washington Streets (Contract TS-7/09) at the October 8, 2009, DuPage Water Commission Meeting.

RECOMMENDED MOTION: The Engineering Committee recommends to the Commission approval of Resolution No. R-55-09: A Resolution Awarding a Contract for the Construction of 30-Inch Diameter Water Main Relocation—75th and Washington Streets (Contract TS-7/09) at the October 8, 2009, DuPage Water Commission Meeting.

VII. Resolution No. R-56-09: A Resolution Approving and Ratifying Certain Contract Change Orders at the October 8, 2009, DuPage Water Commission Meeting.

1. Increase of \$3,270.00 Contract PSC-4
2. Increase of \$29,861.00 Contract PSD-7

RECOMMENDED MOTION: The Engineering Committee recommends to the Commission approval of Resolution No. R-56-09: A Resolution Approving and Ratifying Certain Contract Change Orders at the October 8, 2009, DuPage Water Commission Meeting

VIII. Resolution No. R-57-09: A Resolution Amending Resolution No. R-13-09, being "A Resolution Approving a First Amendment to Task Order No. 24 Under the Master Contract with AECOM USA, Inc at the October 8, 2009, DuPage Water Commission Meeting.

- Increase cost by \$57,840.00 from \$25,500.00 to \$ 83,340.00

RECOMMENDED MOTION: The Engineering Committee recommends to the Commission approval of Resolution No. R-57-09: A Resolution Amending Resolution No. R-13-09, being "A Resolution Approving a First Amendment to Task Order No. 24 Under the Master Contract with AECOM USA, Inc at the October 8, 2009, DuPage Water Commission Meeting.

IX. Resolution No. R-58-09: A Resolution Amending Resolution No. R-14-09, being "A Resolution Approving a First Amendment to Task Order No. 25 Under the Master Contract with AECOM USA, Inc at the October 8, 2009, DuPage Water Commission Meeting.

- Increase cost by \$53,840.00 from \$25,500.00 to \$ 79,340.00

RECOMMENDED MOTION: The Engineering Committee recommends to the Commission approval of Resolution No. R-58-09: A Resolution Approving a Second Amendment to Task Order No. 25 Under the Master Contract with AECOM USA, Inc. at the October 8, 2009, DuPage Water Commission Meeting.

X. Resolution No. R-59-09: A Resolution Approving and Authorizing the Execution of a Sixth Amendment to the Contract for Design of Concrete

Reservoirs and Other Improvements at the DuPage Pump Station at the October 8, 2009, DuPage Water Commission Meeting.

- NTE cost \$20,000.00

RECOMMENDED MOTION: The Engineering Committee recommends to the Commission approval of Resolution No. R-59-09: A Resolution Approving and Authorizing the Execution of a Sixth Amendment to the Contract for Design of Concrete Reservoirs and Other Improvements at the DuPage Pump Station at the October 8, 2009, DuPage Water Commission Meeting

XI. Resolution No. R-60-09: A Resolution Approving and Ratifying Certain Task Orders Under a Master Contract with Peters & Associates, Inc. at the October 8, 2009, DuPage Water Commission Meeting.

- NTE Cost of \$8,100.00

RECOMMENDED MOTION: The Engineering Committee recommends to the Commission approval of Resolution No. R-60-09: A Resolution Approving and Ratifying Certain Task Orders Under a Master Contract with Peters & Associates, Inc. at the October 8, 2009, DuPage Water Commission Meeting.

XII. Resolution No. R-61-09: A Resolution Approving and Authorizing the Quit Claim of a Temporary Construction Easement to the City of Chicago for the Reconstruction of the South Laramie Avenue Viaduct at the October 8, 2009, DuPage Water Commission Meeting.

RECOMMENDED MOTION: The Engineering Committee recommends to the Commission approval of Resolution No. R-61-09: A Resolution Approving and Authorizing the Quit Claim of a Temporary Construction Easement to the City of Chicago for the Reconstruction of the South Laramie Avenue Viaduct at the October 8, 2009, DuPage Water Commission Meeting.

XIII. Resolution No. R-62-09: A Resolution Authorizing the Disposal of Certain Personal Property Owned by the DuPage Water Commission at the October 8, 2009, DuPage Water Commission Meeting.

RECOMMENDED MOTION: The Engineering Committee recommends to the Commission approval of Resolution No. R-62-09: A Resolution Authorizing the Disposal of Certain Personal Property Owned by the DuPage Water Commission at the October 8, 2009, DuPage Water Commission Meeting.

XIV. Commonwealth Edison Customer Work Agreement Memorandum Dated September 22, 2009 for Emergency Generation Facility Related Distribution System Improvements at the Lexington Pumping Station at the September 10, 2009 DuPage Water Commission Meeting.

- NTE Cost \$596,000.00

RECOMMENDED MOTION: The Engineering Committee recommends to the Commission approval of Commonwealth Edison Customer Work Agreement Memorandum Dated September 22, 2009 for Emergency Generation Facility Related Distribution System Improvements at the Lexington Pumping Station at the September 10, 2009 DuPage Water Commission Meeting.

XV. Adjournment

Board/Agendas/Engineering/Eng0910docx

**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: October 2, 2009

SUBJECT: Status of Operations

Operations Overview

The Commission's sales for the month of September were a total of 2.618 billion gallons. This represents an average day demand of 87.3 million gallons per day (MGD), which is higher than the September 2008 average day demand of 85.2 MGD. The maximum day demand was 102.1 MGD on September 15, 2009, which is lower than the September 2008 maximum day demand of 118.2 MGD. The minimum day flow was 75.9 MGD. The Commission's recorded total precipitation for the month of September was 1.03 inches compared to 13.63 inches for September 2008. The level of Lake Michigan for September 2009 is 578.63 (Feet IGLD 1985) compared to 578.02 (Feet IGLD 1985) for September of 2008.

Water Conservation

The Commission has received the utility rain barrels from the Conservation Foundation and has distributed 15 barrels so far. The Commission presented the Water Conservation Program to the Mid-Central water Works Association at their Monthly meeting. BridgePoint Technologies is working on the www.preservingeverydrop.org web site and it is scheduled to be completed by the end of September. The Commission participated 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.

CLS has been on-site this month working on completing the installation and implementation of the WorkShare Comparison software, Word-Tech DocMinder software, Records Management software, and provided end-user training for the above mentioned software. CLS has also worked with staff to conduct on-site testing the desktops and data Transfer..

Facilities Construction Overview

Contract PSD-6 Reservoir Addition - Division A – Equipment Storage Building and Material Storage

The project is nearing completion with the exception of some late added work regarding access controls and fuel system management. A change order including a time extension will be ready for the November DWC meeting. The Contract Completion Date is September 17, 2009.

Contract PSD-7 DPPS Electrical Generation

Underground utility work is ongoing. Site work, including installation of the fuel storage tank is complete. Change Order No. 5 appears on the agenda as R-56-09. A report has been provided by the engineer for review. The project completion date remains November 25, 2010.

Generator Supply Contract

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

Site work is ongoing. Underground utility relocation work is under way. The forming and pouring of footings and foundations is near completion. A report has been provided by the engineer for review. Change Order No. 3 appears on the agenda as R-56-09. The project completion date is October 21, 2010.

Contract PSC-5 Lexington Photovoltaic Cells

The Contractor is installing the support structures and photovoltaic panels on the reservoir lid. A report has been provided by the engineer for review. The project completion date is July 21, 2010.

Chicago Department of Transportation (CDOT) – Laramie Avenue Viaduct

The City of Chicago has requested easements from the Commission adjacent to the Lexington Pumping Station to perform bridge improvements. An easement agreement appears on the agenda as R-61-09.

Winfield Additional Connection

Winfield and ComEd continue working to resolve the MS-27A access issues.

Naperville Additional Connection

AECOM is reviewing their hydraulic study based on additional information from the City of Naperville. The report has been tendered to Naperville.

DuPage County Service Areas

Contract MS-18/09 which is the joint MS/PAS facilities for the Glen Ellyn Heights and Hobson Valley has been executed. The Contractor is applying for permits. The project completion date is March 16, 2010.

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 contractor completed the installation of all the valve actuators at the tank sites and ROV's. Everything is functional, but there are a few punch list items to be taken care of.

GISCorrosion Control

Staff is developing a cathodic protection map that shows which pipelines are cathodically protected, the type of protection and locations of CP assets such as rectifiers, test stations and anode beds. GIS data layers were added to account for CP segments (defined as linear units from isolation flange to isolation flange coincident with pipelines), anode columns and reference electrodes. Standard symbology is also being developed to show the GIS layers in a consistent manner and to display test point data parameters that are in or out of range and the effectiveness of isolation flanges. We are still awaiting point test data on approximately one third of the system from En Engineering. This data will be used to show potential problem areas and also where electrical potentials are within standards. Eventually the CP assets and ongoing data collection efforts will also be integrated into the Infor asset management program.

DuPage Pumping Station As-built Drawings

Patrick Engineering is wrapping up this project and a meeting will be scheduled soon to review the final deliverables. The goal of this project is to develop a complete set of AutoCAD drawings for the pumping station HVAC system that

can be used and updated as needed for future projects. It's anticipated that follow on projects will include drawings and AutoCAD files for all the other building systems once this project is satisfactorily completed.

Pipeline Construction Overview

CONTRACT QR-8/08 (QUICK RESPONSE CONTRACT)

Work Authorization no.3 (Forest Park interconnect cable). Work is currently in progress.

CONTRACT VSR-1 (VALVE STEM REPLACEMENT)

Design is approximately 70% complete.

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

The bid opening was held on September 25. (See Agenda Item R-54-09)

Contract TS-7 (South Transmission Main Relocation)

The bid opening is scheduled for October 7, 2009. (See agenda item R-55-09)

OCTOBER 2009 COMMISSION AGENDA ITEMS:

R-54-09—A Resolution Awarding a Contract for the Construction of Corrosion Protection and Control for the South Transmission Main (Contract TS-8/09) at the October 8, 2009, DuPage Water Commission Meeting.

R-55-09—A Resolution Awarding a Contract for the Construction of 30-Inch Diameter Water Main Relocation—75th and Washington Streets (Contract TS-7/09) at the October 8, 2009, DuPage Water Commission Meeting.

R-56-09—A Resolution Approving and Ratifying Certain Contract Change Orders at the October 8, 2009, DuPage Water Commission Meeting.

R-57-09—A Resolution Amending Resolution No. R-13-09, being "A Resolution Approving a First Amendment to Task Order No. 24 Under the Master Contract with AECOM USA, Inc. at the October 8, 2009, DuPage Water Commission Meeting.

R-58-09—A Resolution Amending Resolution No. R-14-09, being "A Resolution Approving a First Amendment to Task Order No. 25 Under the Master Contract with AECOM USA, Inc. at the October 8, 2009, DuPage Water Commission Meeting.

R-59-09—A Resolution Approving and Authorizing the Execution of a Sixth Amendment to the Contract for Design of Concrete Reservoirs and Other Improvements at the DuPage Pump Station at the October 8, 2009, DuPage Water Commission Meeting.

R-60-09—A Resolution Approving and Ratifying Certain Task Orders Under a Master Contract with Peters & Associates, Inc. at the October 8, 2009, DuPage Water

Commission Meeting.

R-61-09—A Resolution Approving and Authorizing the Quit Claim of a Temporary Construction Easement to the City of Chicago for the Reconstruction of the South Laramie Avenue Viaduct at the October 8, 2009, DuPage Water Commission Meeting.

R-62-09—A Resolution Authorizing the Disposal of Certain Personal Property Owned by the DuPage Water Commission at the October 8, 2009, DuPage Water Commission Meeting.


1. DuPage Laboratory Bench Sheets for September, 2009
2. Water Sales Analysis 01-May-06 to 30-September-09
3. Chart showing Commission sales versus allocations
4. Chart showing Commission sales versus historical averages

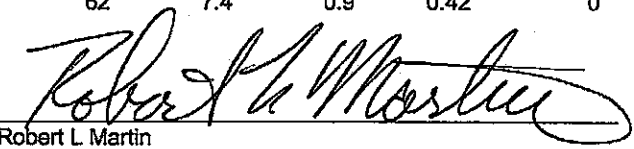
DUPAGE WATER COMMISSION LABORATORY BENCH SHEET
MONTHLY REPORT FOR SEPTEMBER 2009

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	0.76	0.12	0.44	0.82	0.09	63	7.5	1.1	0.45	0	JV
2	0.75	0.10	0.45	0.80	0.09	63	7.5	1.1	0.45	0	JV
3	0.71	0.13	0.46	0.79	0.10	63	7.4	1.1	0.46	0	JV
4	0.74	0.10	0.48	0.82	0.09	63	7.4	1.1	0.43	0	JV
5	0.77	0.09	0.46	0.80	0.10	63	7.4	1.1	0.48	0	MR
6	0.76	0.10	0.43	0.79	0.09	64	7.4	1.1	0.42	0	MR
7	0.75	0.10	0.43	0.82	0.10	64	7.4	1.0	0.43	0	MR
8	0.76	0.09	0.42	0.82	0.09	64	7.4	1.1	0.45	0	MR
9	0.75	0.10	0.47	0.81	0.10	63	7.4	1.1	0.42	0	JV
10	0.73	0.10	0.47	0.82	0.10	62	7.4	0.9	0.45	0	JV
11	0.73	0.10	0.43	0.79	0.09	62	7.4	1.1	0.43	0	JV
12	0.72	0.10	0.46	0.79	0.10	63	7.4	1.1	0.42	0	JV
13	0.77	0.10	0.46	0.79	0.09	63	7.4	1.0	0.44	0	MR
14	0.73	0.10	0.43	0.81	0.10	64	7.4	1.0	0.43	0	MR
15	0.74	0.10	0.45	0.82	0.10	64	7.4	1.0	0.44	0	MR
16	0.75	0.09	0.42	0.82	0.10	64	7.4	1.1	0.43	0	MR
17	0.74	0.10	0.44	0.79	0.10	65	7.4	1.0	0.42	0	MR
18	0.72	0.09	0.42	0.78	0.10	65	7.4	1.1	0.43	0	GA
19	0.73	0.08	0.43	0.78	0.09	65	7.5	1.1	0.45	0	GA
20	0.70	0.09	0.41	0.78	0.09	64	7.5	1.1	0.44	0	KD
21	0.76	0.10	0.44	0.79	0.09	64	7.4	1.0	0.45	0	MR
22	0.72	0.09	0.44	0.80	0.10	65	7.4	1.0	0.44	0	MR
23	0.70	0.10	0.48	0.79	0.10	65	7.4	1.1	0.43	0	MR
24	0.72	0.08	0.44	0.77	0.08	65	7.4	1.0	0.42	0	MR
25	0.73	0.08	0.43	0.78	0.08	65	7.4	1.0	0.43	0	JV
26	0.73	0.10	0.48	0.78	0.10	65	7.4	1.0	0.48	0	JV
27	0.70	0.10	0.45	0.78	0.09	64	7.4	1.0	0.42	0	JV
28	0.72	0.09	0.48	0.78	0.09	65	7.5	1.0	0.48	0	JV
29	0.75	0.10	0.42	0.79	0.10	65	7.5	1.1	0.42	0	MR
30	0.73	0.10	0.48	0.78	0.10	66	7.4	1.0	0.43	0	MR
AVG	0.74	0.10	0.45	0.80	0.09	64	7.4	1.1	0.44	0	
MAX	0.77	0.13	0.48	0.82	0.10	66	7.5	1.1	0.48	0	
MIN	0.70	0.08	0.41	0.77	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 08/312009

PER DAY AVERAGE (15,446,218)

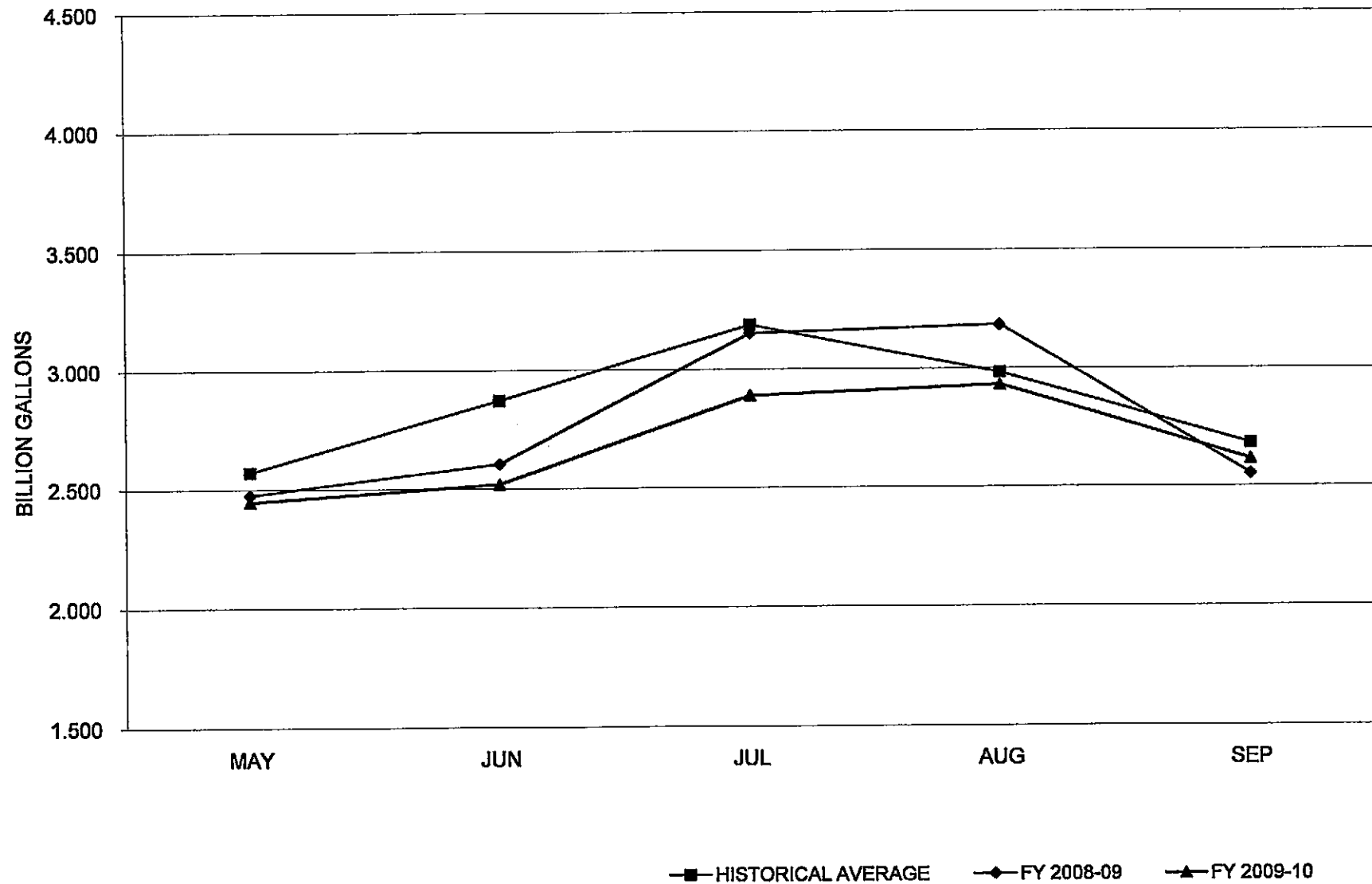
MONTH	SALES TO CUSTOMERS (GALLONS)	PURCHASES FROM CHICAGO (GALLONS)	GALLONS BILLED %	BILLINGS TO CUSTOMERS	BILLINGS FROM CHICAGO	DOCUMENTED COMMISSION WATER USE (2)	DOCUMENTED COMMISSION WATER USE %	TOTAL ACCOUNTED FOR %	DWC RATE
May-08	2,610,813,000	2,692,357,782	98.97%	\$3,237,408.12	\$3,580,835.85	5,227,307	0.19%	97.17%	\$1.24
Jun-08	2,992,447,000	3,070,487,707	97.46%	\$3,710,980.98	\$4,083,748.65	4,407,280	0.14%	97.60%	\$1.24
Jul-08	3,271,454,000	3,360,915,489	97.34%	\$4,056,602.98	\$4,470,017.60	4,330,000	0.13%	97.47%	\$1.24
Aug-08	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-08	2,472,175,000	2,539,240,000	97.36%	\$3,085,988.70	\$3,377,189.20	4,242,692	0.17%	97.53%	\$1.24
Oct-08	2,280,803,000	2,358,823,308	97.12%	\$2,840,719.72	\$3,137,235.00	4,540,718	0.19%	97.31%	\$1.24
Nov-08	2,180,207,000	2,227,311,241	97.89%	\$2,703,458.68	\$2,962,323.95	28,850,568	1.30%	99.18%	\$1.24
Dec-08	2,229,395,000	2,288,919,698	97.28%	\$2,760,729.90	\$3,043,884.20	3,979,814	0.17%	97.46%	\$1.24
Jan-07	2,220,804,000	2,280,218,308	97.39%	\$2,763,799.98	\$3,032,680.35	3,980,439	0.17%	97.67%	\$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%	\$2,741,312.08	\$4,717,391.37	3,891,151	0.17%	98.35%	\$1.24
Apr-07	2,181,740,000	2,251,116,429	96.92%	\$2,705,357.80	\$2,993,984.85	4,352,433	0.18%	97.11%	\$1.24
May-07	2,883,844,000	2,951,900,000	97.01%	\$2,978,988.48	\$3,928,001.00	4,012,875	0.14%	97.15%	\$1.04
Jun-07	3,292,831,000	3,396,024,774	96.98%	\$3,424,545.52	\$4,518,712.95	4,488,084	0.13%	97.09%	\$1.04
Jul-07	3,314,840,000	3,412,423,571	97.14%	\$3,447,433.80	\$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	\$4,058,814.95	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	2,229,281,000	2,282,016,165	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%	\$2,353,488.72	\$3,554,877.04	2,134,597	0.09%	97.46%	\$1.04
Feb-08	2,145,137,000	2,187,527,140	97.82%	\$2,232,195.60	\$3,361,117.76	2,074,217	0.09%	97.71%	\$1.04
Mar-08	2,239,073,000	2,285,015,835	97.66%	\$2,328,635.92	\$3,510,228.72	2,041,001	0.09%	97.65%	\$1.04
Apr-08	2,177,771,000	2,244,319,320	97.03%	\$2,286,101.68	\$3,432,688.40	8,144,629	0.36%	97.40%	\$1.04
May-08	2,474,831,000	2,588,584,008	96.43%	\$2,573,824.24	\$3,925,590.24	4,884,294	0.18%	96.92%	\$1.04
Jun-08	2,804,318,000	2,877,371,376	97.27%	\$2,709,084.84	\$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	\$4,978,387.68	2,131,900	0.07%	96.92%	\$1.04
Aug-08	3,184,659,000	3,279,095,181	97.85%	\$3,312,253.38	\$5,015,375.08	2,353,100	0.07%	97.92%	\$1.04
Sep-08	2,552,623,000	2,619,576,751	97.44%	\$2,655,088.48	\$4,008,642.64	2,109,972	0.08%	97.52%	\$1.04
Oct-08	2,302,750,000	2,362,503,982	97.47%	\$2,655,410.00	\$3,613,449.84	7,823,498	0.34%	97.81%	\$1.24
Nov-08	2,098,015,000	2,165,230,383	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%	\$2,788,494.00	\$3,548,816.80	2,283,008	0.10%	97.36%	\$1.24
Jan-09	2,293,548,000	2,349,028,333	97.64%	\$2,843,999.52	\$4,131,937.32	2,183,838	0.09%	97.73%	\$1.24
Feb-09	2,048,827,000	2,102,588,263	97.44%	\$2,540,545.48	\$3,886,346.85	1,987,373	0.09%	97.54%	\$1.24
Mar-09	2,141,079,000	2,198,279,067	97.40%	\$2,655,454.08	\$3,884,574.80	5,652,898	0.26%	97.66%	\$1.24
Apr-09	2,080,048,000	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	2,188,800	0.08%	97.07%	\$1.48
Jun-09	2,517,674,000	2,587,383,481	97.31%	\$3,726,157.52	\$4,548,585.00	2,202,450	0.09%	97.39%	\$1.48
Jul-09	2,888,489,000	2,971,742,918	97.20%	\$4,274,878.52	\$5,224,324.05	2,030,397	0.07%	97.27%	\$1.48
Aug-09	2,931,183,000	3,010,833,874	97.35%	\$4,339,150.84	\$5,293,045.95	7,554,834	0.25%	97.81%	\$1.48
Sep-09	2,614,552,000	2,683,385,307	97.43%	\$3,869,538.98	\$4,717,391.37	1,994,845	0.07%	97.51%	\$1.48
TOTALS (1)	520,923,688,400	536,203,237,945	97.15%	\$680,041,333.99	\$832,048,096.02	551,010,051	0.10%	97.25%	

(1) - SINCE MAY 1, 1992

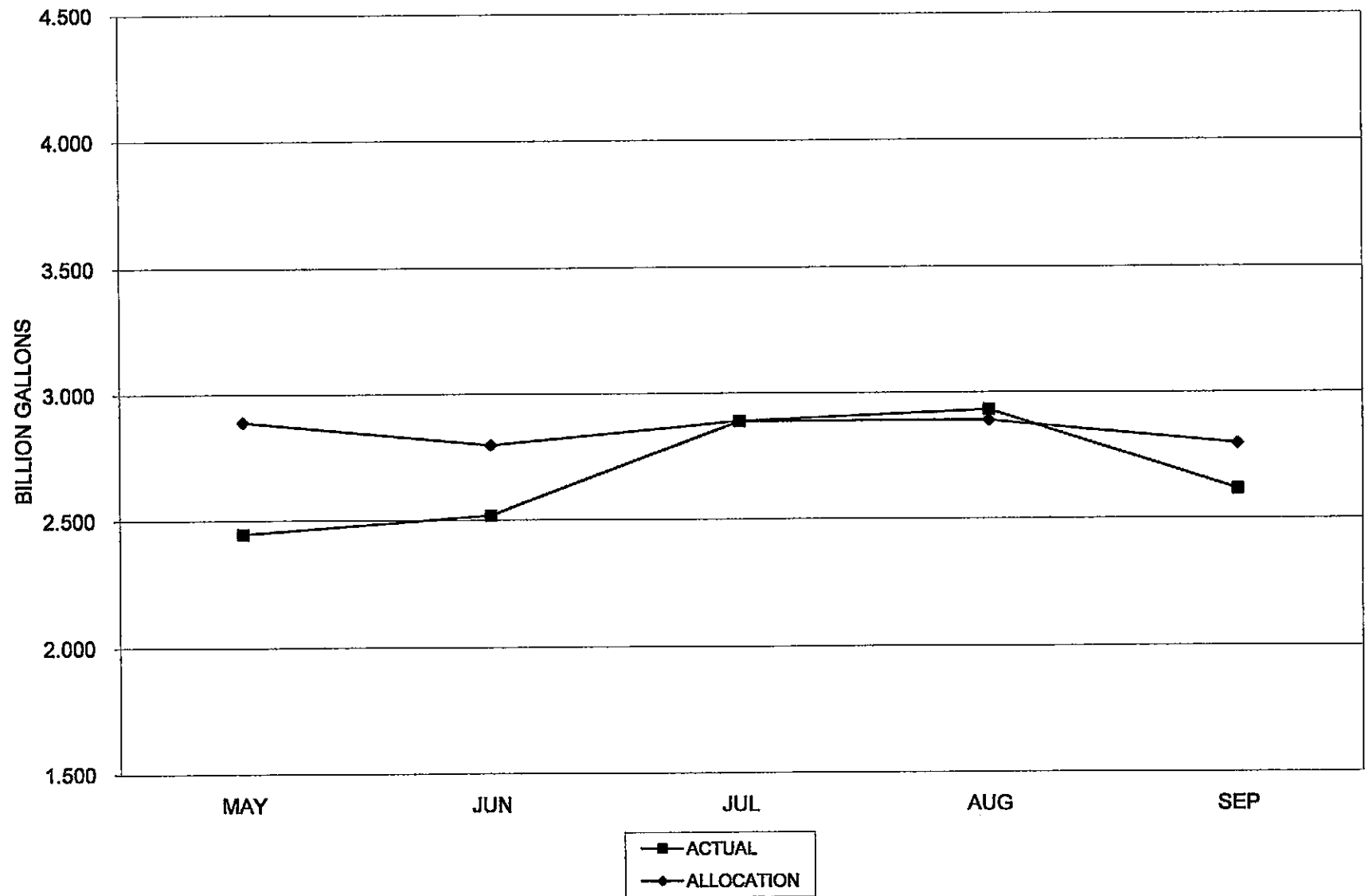
(2) - REPRESENTS DU PAGE PUMP STATION, METER TESTING AND CONSTRUCTION PROJECT USAGE

Operations\Spreadsheets\H2O\SALES.xls

**DU PAGE WATER COMMISSION SALES
FY 2009-10 & FY 2008-09 VS. HISTORICAL AVERAGE**



**DU PAGE WATER COMMISSION SALES
FY 2009-10 VS. ALLOCATION**





DuPage Water Commission

PSC-04/08

Lexington Pumping Station

Division A – Generator Facility

Division B – Variable Frequency Drives

Progress Report #7

September 2009

Prepared by:

Eric Darlinger / MAI



GREELEY AND HANSEN



McDonough Associates Inc.
Engineers/Architects

September 30, 2009

Progress Report – September 2009

The following is a brief report of the progress achieved on the PSC-04/08 project at the Lexington Pumping Station for the months of September 2009.

I. Summary of Work Performed and Project Status

During the month of September the progress on the PSC-04/08 project continues to meet or exceed the latest approved construction schedule. Underground utilities relocation continues to progress as planned with the installation of the water main (including the west tie-point), portions of the sanitary sewer, and the new access manhole to allow for the lining of the 60-inch storm sewer. Building foundation and electrical duct bank work scheduled for November through early next year continues to be accelerated when possible. The north foundation walls of both the Electrical and Generator buildings were completed in September and the south footing and foundation wall for the Generator Building was started. In addition portions of the north road and Generator Building electrical duct banks were begun. Photographs of September's progress can be found at the end of this report.

II. Project Progress

The following reflects the board approved Change Order #2 that will be fully executed with the City of Chicago sign-off which is expected in the coming days.

- Contract Commencement Date July 21, 2008
- Contract Duration 730 calendar days
 - Days Expended 436
- Approved Time Extensions
 - Generator Delivery Period 188 days
 - Contract Completion Date 92 days
- Revised Contract Duration 822 calendar days
 - Percent Completion 53%
- Final Completion Date October 21, 2010

III. Planned Work – October 2009

Throughout the month of October work will focus on completion of the relocation of underground utilities. Completion of the water main is anticipated by mid-month and the storm and remaining sanitary sewer by the end of the month. Construction of the new buildings will continue to be accelerated when possible including construction of the Generator Building remaining foundations and grade beams.



Progress Report – September 2009

IV. Construction Costs and Progress Payments

Similar to Section II the following summary reflects the Board approved Change Order #2.

• Original Contract Price	\$ 17,209,000.00
• Approved Permit Related Change Orders	\$ 284,197.76
○ Permit Change Order Percentage	1.7%
• Approved Constructive Change Orders	-\$ 50,999.88
○ Constructive Change Order Percentage	-0.3%
• Revised Contract Price	\$ 17,442,197.88
• Completed to Date	\$ 1,713,043.62
• Percent Completed to Date	9.8%

V. Pending Action Items and Project Issues

A. *Pay Application #4*

Pay application #4 totaling \$1,311,141.89 is currently being processed. Payment is anticipated early in October and therefore will be reflected in next month's summary.



Progress Report – September 2009

Electrical Building North Foundation Wall Installation

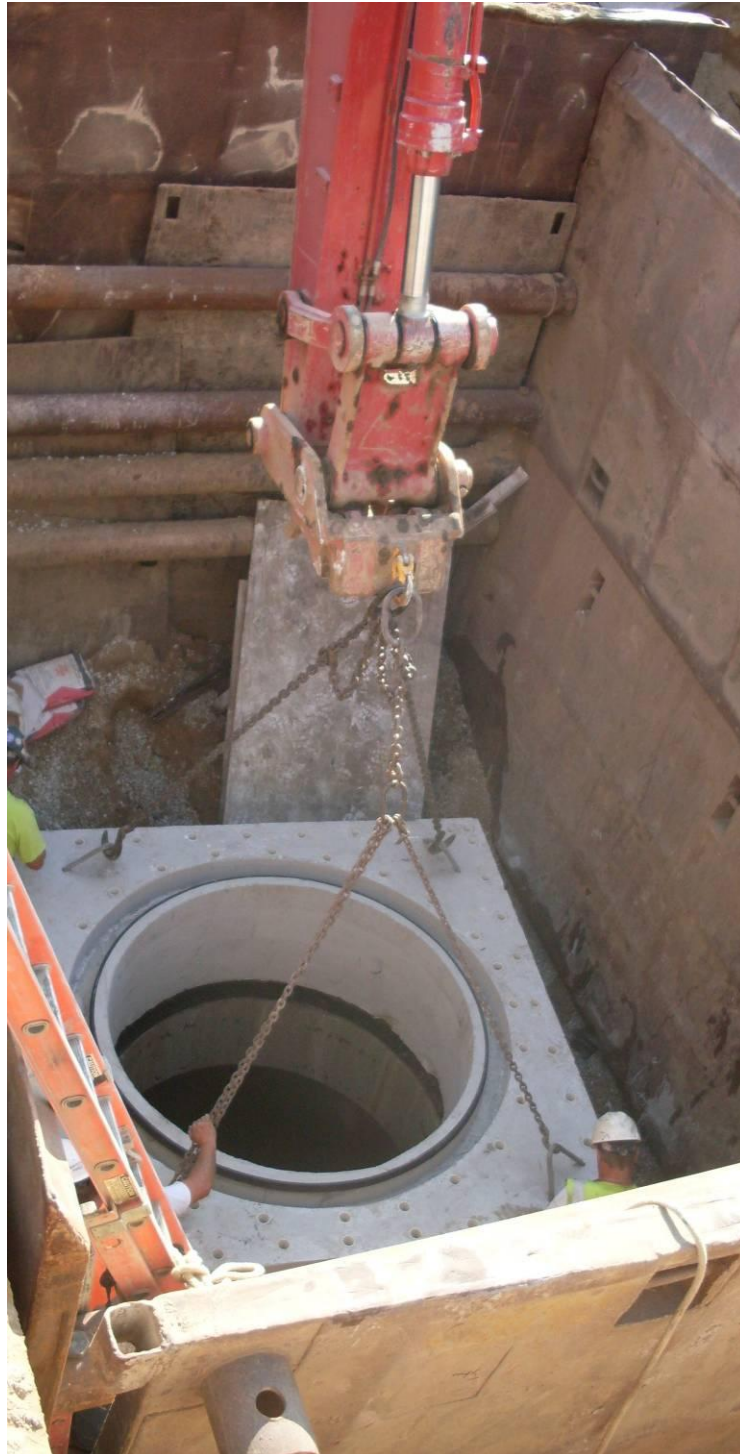


Generator Building North Foundation Wall



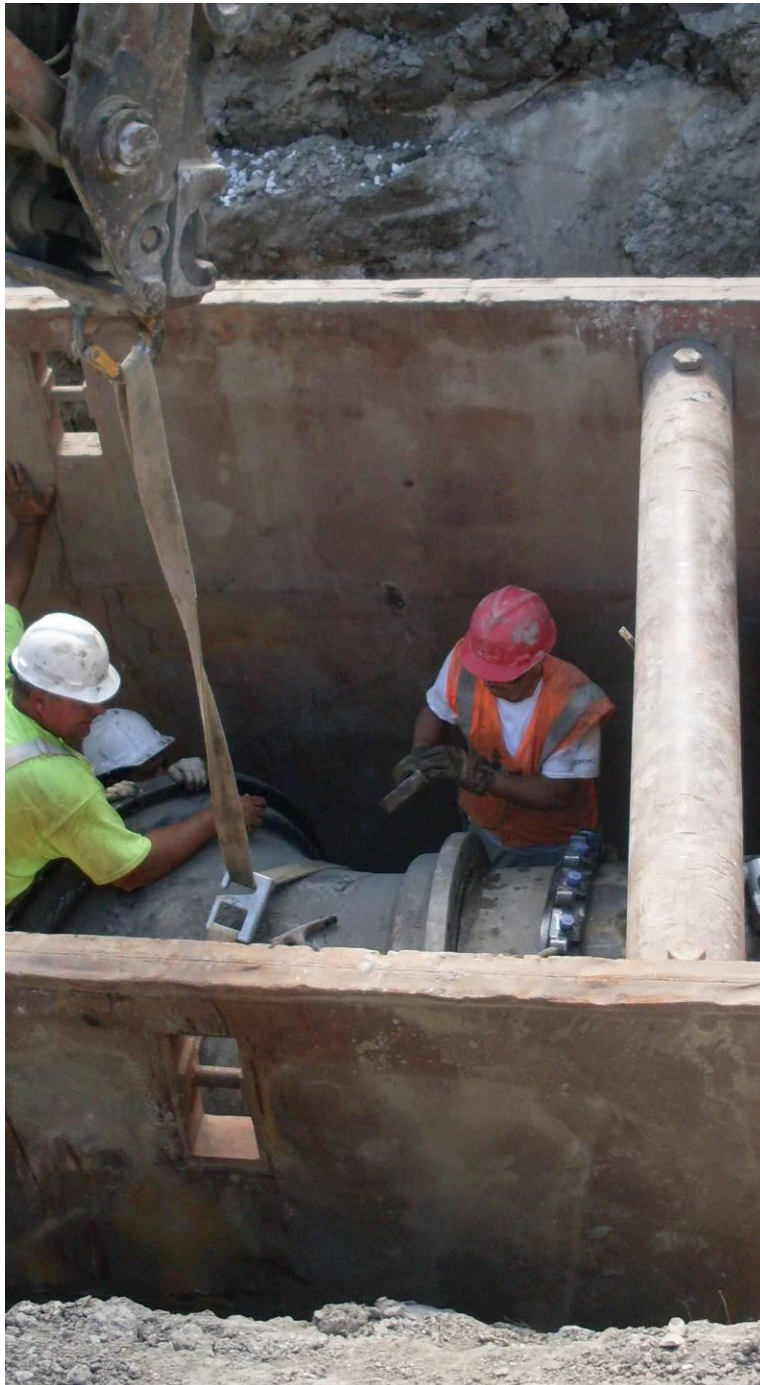
Progress Report – September 2009

60-inch Storm Sewer Manhole Installation



Progress Report – September 2009

West-end Water Main Tie-in



Progress Report – September 2009

Sanitary Sewer and Generator Building South Foundation Installation





DuPage Water Commission

PSC-05/08

Lexington Pumping Station

PHOTOVOLTAIC SYSTEM

Progress Report #2

September 2009

Prepared by:

Eric Darlinger / MAI



GREELEY AND HANSEN



McDonough Associates Inc.
Engineers/Architects

September 30, 2009

Progress Report – September 2009

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 September 2009.

I. Summary of Work Performed and Project Status

Progress for the PSC-05/08 project continues to be as planned. Placement of the precast concrete plank (PCP) supports for the PV racks and stone backfill was scheduled for completion by the end of October, but with 90% already installed; this portion of the work should be complete by the second week in October. Installation of the racks and PV panels is following behind the PCP placement and is currently on schedule for completion by the third week in November. Photographs of September'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
 - Days Expended 436
 - Percent Time Complete 60%
- Approved Time Extension 0 days
- Final Completion Date July 21, 2010

III. Planned Work – October 2009

Throughout the month of October work will continue to focus on the installation of the PV system on top of the reservoir.

IV. Construction Costs and Progress Payments

- 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 \$ 799,600.00
- Percent Completed to Date 9.7%

V. Pending Action Items and Project Issues

A. *Stored Materials Milestone Payment*

Divane Bros. Electric is completing their application for the stored materials milestone payment for 40% of contract value. Expectations are that the application will be recommended for payment in October.



Progress Report – September 2009

September 9, 2009 Photovoltaic installation



September 11, 2009 Photovoltaic Installation Progressing West



Progress Report – September 2009

September 16, 2009 Photovoltaic Installation Progressing Back to the East



September 28, 2009 West End of Photovoltaic Installation



Progress Report – September 2009

September 28, 2009 East Side of Photovoltaic installation



Electric Generation Facility & Office/Garage Expansion



DuPage Water Commission

600 E. Butterfield Road

Elmhurst IL 60126

PSD 7/08

Monthly Progress Report #9

September 2009





October 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. 9

Dear Mr. Bostick:

We herewith submit our Progress Report No. 9 for the construction of the Electrical Generation Facility and Office/Garage Expansion for the DuPage Pumping Station covering the one month period from September 1, 2009 through September 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 covered parking structure footings as well as the west and north walls. Also, masonry work was completed along the western portion of the retaining wall. The under slab electrical piping was completed in the existing service building, rebar was installed and three quarters of the floor slab was placed. Masonry work continued for the locker room area of the office building and metal studs were installed

in the office area with all the necessary in-wall plumbing & electrical piping. The air handling units, duct silencers and exhaust fans were installed on the Generator, Existing Service and Office Building roofs and the installation of the associated piping continued. Windows were installed in the generator and office buildings and the insulation of the generator silencers was completed. Excavation for the underground storage tank was completed, the tank was installed after the concrete pad was poured and backfill began. Ductwork in the garage was continued as was the plumbing piping. Finally, WBCI completed the installation of the ductbank from the existing Administration Building to the existing Service Building and the excavation for the detention pond began.

2. *Scheduled Upcoming Work/October, 2009*

In the next month, Williams Brothers Construction, Inc. plans to begin the underground sanitary, storm and gas piping in the lower parking area. WBCI will also continue work on the Covered Parking Structure, including pouring the remaining walls, waterproofing and pouring the floor slab. The louvers for the generator building will be installed, plumbing and electrical work will continue in the office, generator and existing service buildings. WBCI will begin pulling wire from the ComEd yard to the existing service building through the newly installed ductbank. The remainder of the existing service building floor slab will be poured and masonry work will resume as will the installation of all in-wall plumbing and electrical piping. The ductwork installation will continue as will the piping associated with the HVAC system. Landscaping will begin along Butterfield Road and Cadwell Ave. and the excavation of the detention pond will be completed.

3. *Project Schedule*

The September 2009 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	310 days
▪ Percent Time Complete	42.47%
▪ Approved Time Extensions	0 days
▪ Final Completion Date	November 24, 2010

Mr. C. Bostick
October 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	\$ 161,764.00
▪ Approved Change Order Percentage	0.95%
▪ Revised Contract Price	\$17,131,764.00
▪ Total Completed To Date	\$ 7,646,549.50
▪ Percent Completed To Date	44.63 %

5. *Pending Action Items and Issues*

- Change Order No. 5 is pending which includes five small PCO's.

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

Mr. C. Bostick
October 1, 2009
Page 4

50,000 Gallon Underground Fuel Storage Tank



Existing Service Building floor slab progress

Mr. C. Bostick
October 1, 2009
Page 5



Generator Exhausts



Rooftop HVAC Units

Mr. C. Bostick
October 1, 2009
Page 6



Generator Silencer Insulation Progress



Covered Parking Structure Progress