



DuPage Water Commission

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

AGENDA

ENGINEERING & CONSTRUCTION COMMITTEE
THURSDAY, NOVEMBER 12, 2009
7:00 P.M.

COMMITTEE MEMBERS

W. Maio, Chair
L. Hartwig
W. Mueller
A. Poole

600 EAST BUTTERFIELD ROAD
ELMHURST, IL 60126

- I. Roll Call
- II. Approval of Committee Meeting Minutes of October 8, 2009

RECOMMENDED MOTION: To approve the Minutes of the October 8, 2009 Committee Meeting of the DuPage Water Commission.

-
- III. Report of Status of Construction/Operations

-
- IV. Resolution No. R-66-09: A Resolution Approving and Ratifying Certain Work Authorization Orders Under Quick Response Contract QRE-4/08 at the November 12, 2009, DuPage Water Commission Meeting.

- estimated cost \$19,729.00

RECOMMENDED MOTION: The Engineering Committee recommends to the Commission approval of Resolution No. R-66-09: A Resolution Approving and Ratifying Certain Work Authorization Orders Under Quick Response Contract QRE-4/08 at the November 12, 2009, DuPage Water Commission Meeting.

-
- V. Resolution No. R-67-09: A Resolution Approving and Ratifying Certain Contract Change Orders at the November 12, 2009, DuPage Water Commission Meeting.

- estimated cost \$20,431.00 (Contract PSD 6A/08)

RECOMMENDED MOTION: The Engineering Committee recommends to the Commission approval of Resolution No. R-67-09: A Resolution Approving and Ratifying Certain Contract Change Orders at the November 12, 2009, DuPage Water Commission Meeting.

Adjournment

Board/Agendas/Engineering/Eng0911docx

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

**MINUTES OF A MEETING OF THE
ENGINEERING & CONSTRUCTION COMMITTEE
OF THE DuPAGE WATER COMMISSION
HELD ON THURSDAY, OCTOBER 8, 2009
600 EAST BUTTERFIELD ROAD
ELMHURST, ILLINOIS**

The meeting was called to order at 7:04 P.M.

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

Committee members absent: W. Maio

Also in attendance: R. C. Bostick, J. Schori, E. Kazmierczak, and F. Frelka.

Commissioner Poole moved to approve the Minutes of the July 9, 2009 Engineering Committee. Motion seconded by Commissioner Hartwig and passed unanimously as follows:

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

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

Commissioner Hartwig asked when a tour of the new construction would be appropriate. Staff informed that sometime after the Thanksgiving holiday would be a good time.

Commissioner Poole moved to recommend 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. Motion seconded by Commissioner Hartwig and passed unanimously as follows:

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

Quick Response Contracts

- Installation of Fiber Optic Cable (QRE4-005C) Authorized by R-43-09 \$9,602.26

Engineering Meeting Minutes October 8, 2009

- Replacement of Corroded Conduits between the Pumping Station and Reservoir (QRE4-003A) Authorized by R-33-09 \$18,605.17

Commissioner Hartwig moved to recommend 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. Motion seconded by Commissioner Poole. Chairman Rathje asked why the price was so much higher than the engineers estimate. Staff informed him that the increased cost was due to time of year, location of work to be completed, and uncertainty about the geological information in the area where the work would be performed. Commissioner Poole asked who completed the design and if there were any alternate designs. Staff informed him that EN Engineering had completed the design and that this was the second alternative due to private property issues. Commissioner Hartwig asked how many proposals were sent out and why only one company responded. Staff informed him that they had sent the RFP to six different company as well as local advertising. When staff contacted the other firms they responded that the work was too specialized and they were not interested. Commissioner Poole asked how critical is it to have the work completed at this time. Staff informed him that the project is high on the priority list due to the known corrosive potential of the soil in these areas. The motion passed unanimously as follows:

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

Commissioner Hartwig moved to recommend 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. Motion seconded by Commissioner Poole and passed unanimously as follows:

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

Commissioner Poole moved to recommend to the Commission approval of Resolution No. R-56-09: 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. Motion seconded by Commissioner Hartwig and passed unanimously as follows:

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

Commissioner Hartwig moved to recommend 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. Motion seconded by Commissioner Poole. Commissioner Poole asked if the County was aware of the change and if they agreed with the change. Staff informed him that the County was in agreement with the language of the amendment. The motion passed unanimously as follows:

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

Commissioner Hartwig moved to recommend 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. Motion seconded by Commissioner Poole and passed unanimously as follows:

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

Commissioner Poole moved to recommend 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. Motion seconded by Commissioner Hartwig and passed unanimously as follows:

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

Commissioner Hartwig moved to recommend 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. Motion seconded by Commissioner Poole and passed unanimously as follows:

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

Engineering Meeting Minutes October 8, 2009

Commissioner Poole moved to recommend 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. Motion seconded by Commissioner Hartwig and passed unanimously as follows:

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

Commissioner Hartwig moved to recommend 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. Motion seconded by Commissioner Poole. Commissioner Poole asked what the Commission Vehicle policy was and if we get track of the vehicle maintenance in our EAM system. Staff informed the Commissioner of the policy and verified that the maintenance was being tracked by the EAM system. Commissioner Mueller asked why there were so many vehicles being replaced at one time. Staff informed him that the list covered older vehicles that been be disposed of before the Vehicle Replacement Policy was put into place. The Motion passed unanimously as follows:

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

Commissioner Hartwig moved to recommend 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. Motion seconded by Commissioner Poole. Commissioner Poole asked if the agreement was in regards to the Photovoltaic system. Staff informed him that the agreement covered the paralleling system at the pump station. The Motion passed unanimously as follows:

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

Commissioner Hartwig moved to adjourn the meeting at 7:26 P.M. Motion seconded by Commissioner Poole and passed unanimously as follows:

All voted aye. Motion carried.



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: November 6, 2009

SUBJECT: Status of Operations

Operations Overview

The Commission's sales for the month of October were a total of 2.161 billion gallons. This represents an average day demand of 69.7 million gallons per day (MGD), which is lower than the October 2008 average day demand of 74.0 MGD. The maximum day demand was 77.0 MGD on October 1, 2009, which is lower than the October 2008 maximum day demand of 81.0 MGD. The minimum day flow was 64.8 MGD. The Commission's recorded total precipitation for the month of October was 6.04 inches compared to 2.07 inches for October 2008. The level of Lake Michigan for October 2009 is 578.37 (Feet IGLD 1985) compared to 577.74 (Feet IGLD 1985) for October of 2008.

Water Conservation

The Commission has received the utility rain barrels from the Conservation Foundation and has distributed 22 barrels so far. The Commission has also received 7 completed utility Pledges and 15 status updates on the Utility Pledges.

BridgePoint Technologies is working on the www.preservingeverydrop.org web site and it is scheduled to be completed by the end of November. The October Water Conservation Newsletter was sent out to all Utility Water Conservation Coordinators.

Document Management

Work continues with the CLS Group to complete the 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. To date Construction, Pipeline, GIS, Instrumentation, Operations, Legal, and the Executive Secretary desktops are completed. DOCMINDER training will be setup once more documents have been moved into the databases.

CLS is testing the Records Management in the new version of Autonomy and both should be ready for implementation beginning to mid November.

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 appears on the agenda as R-67-09. The Contract Completion Date is November 11, 2009.

Contract PSD-7 DPPS Electrical Generation

Underground utility work is ongoing. The Contractor is preparing the formwork to pour the concrete beams and deck for the covered parking structure. Masonry, electrical, mechanical and HVAC work is ongoing. 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 ongoing. The forming and pouring of footings and foundations is ongoing. Preparation for placement of the precast concrete superstructure is underway. A report has been provided by the engineer for review. The project completion date is October 21, 2010.

Contract PSC-5 Lexington Photovoltaic Cells

The Contractor Has installed approximately 60% of the photovoltaic panels. A report has been provided by the engineer for review. The project completion date is July 21, 2010.

Winfield Additional Connection

Ordinance O-13-09 appears on the agenda which requests the intergovernmental transfer of easement rights for access to the Winfield Metering Station 27A Site and authorizes the execution of the partial assignment of private roadway easement rights from Winfield and ComEd 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.

DuPage County Service Areas

The Contractor is applying for permits and submitting shop drawings. 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 has completed the installation of the valve actuators at the tank sites and ROV's. The new actuators are functioning properly, minor punch list items to be resolved.

Contract QRE

Work Authorization Order QRE-4.006 was issued prior to Board approval to Aldridge Electric, Inc. to replace the electrical service drop at Meter Station 11A in Glendale Heights. ComEd investigated the loss of power at the Meter station and discovered that one leg of the 120/240V service was shorted somewhere between their transformer and the meter station building. A resolution to approve and ratify this work appears on the agenda as R-66-09.

GIS**Corrosion Control**

EN Engineering has completed the year one of a three year project to collect cathodic protection test point data. The data includes multiple measurements from approximately 600 locations along the Commission's pipelines. Staff has reformatted the EN spreadsheet data and imported it into GIS to provide a visual display of the testing results. Basic maps produced so far show the locations of stations tested, missing stations and shorted versus effective isolation flanges. Staff is continuing to work with EN to interpret the data to gain a better understanding of the significance of the various electrical potential pipe-to-soil readings. Data collected to-date isn't projected to immediately impact maintenance or construction plans. The data will be used as essential part of the overall corrosion control program that will include more extensive monitoring and installation of galvanic anodes and impressed current systems where appropriate.

DuPage Pumping Station As-built Drawings

Patrick Engineering has turned the AutoCAD drawings they developed of the pumping station mechanical systems over to the Commission. The final phase of this project will involve staff in marking up the drawings and verifying their accuracy. The project will be complete once Patrick incorporates any changes noted by staff into the final deliverable.

Pipeline Construction Overview**CONTRACT QR-8/08 (QUICK RESPONSE CONTRACT)**

There are no active Work Authorizations at the present time.

CONTRACT VSR-1 (VALVE STEM REPLACEMENT)

Design is approximately 75% complete.

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

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

Contract TS-7 (South Transmission Main Relocation)

Contract closing will be held on November 9, 2009.

NOVEMBER 2009 COMMISSION AGENDA ITEMS:

R-66-09-----A Resolution Approving and Ratifying Certain Work Authorization Orders Under Quick Response Contract QRE-4/08 at the November 12, 2009, DuPage Water Commission Meeting.

R-67-09-----A Resolution Approving and Ratifying Certain Contract Change Orders at the November 12, 2009, DuPage Water Commission Meeting.

1. DuPage Laboratory Bench Sheets for October, 2009
2. Water Sales Analysis 01-May-06 to 31-October-09
3. Chart showing Commission sales versus allocations
4. Chart showing Commission sales versus historical averages

EPA1009


DUPAGE WATER COMMISSION LABORATORY BENCH SHEET

MONTHLY REPORT FOR OCTOBER 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 | 0.67 | 0.09 | 0.48 | 0.75 | 0.10 | 64 | 7.5 | 1.0 | 0.48 | 0 | MR |
| 2 | 0.72 | 0.09 | 0.48 | 0.77 | 0.10 | 62 | 7.5 | 1.0 | 0.45 | 0 | MR |
| 3 | 0.66 | 0.09 | 0.46 | 0.75 | 0.09 | 62 | 7.6 | 1.0 | 0.49 | 0 | AM |
| 4 | 0.67 | 0.10 | 0.47 | 0.74 | 0.11 | 62 | 7.5 | 1.0 | 0.47 | 0 | JV |
| 5 | 0.66 | 0.09 | 0.46 | 0.73 | 0.10 | 62 | 7.5 | 1.0 | 0.43 | 0 | JV |
| 6 | 0.69 | 0.10 | 0.45 | 0.72 | 0.09 | 64 | 7.5 | 1.0 | 0.50 | 0 | JV |
| 7 | 0.71 | 0.09 | 0.48 | 0.73 | 0.08 | 64 | 7.5 | 1.0 | 0.48 | 0 | MR |
| 8 | 0.71 | 0.09 | 0.43 | 0.75 | 0.09 | 62 | 7.5 | 0.9 | 0.45 | 0 | MR |
| 9 | 0.66 | 0.09 | 0.48 | 0.72 | 0.09 | 62 | 7.5 | 1.1 | 0.48 | 0 | MR |
| 10 | 0.70 | 0.08 | 0.47 | 0.76 | 0.09 | 62 | 7.5 | 1.0 | 0.47 | 0 | MR |
| 11 | 0.69 | 0.08 | 0.48 | 0.77 | 0.08 | 61 | 7.5 | 1.0 | 0.49 | 0 | RC |
| 12 | 0.70 | 0.08 | 0.46 | 0.75 | 0.09 | 61 | 7.5 | 1.0 | 0.48 | 0 | RC |
| 13 | 0.68 | 0.08 | 0.49 | 0.77 | 0.08 | 61 | 7.5 | 1.0 | 0.43 | 0 | JV |
| 14 | 0.70 | 0.08 | 0.46 | 0.76 | 0.09 | 61 | 7.6 | 1.0 | 0.42 | 0 | RC |
| 15 | 0.70 | 0.09 | 0.47 | 0.78 | 0.08 | 60 | 7.5 | 1.0 | 0.45 | 0 | GA |
| 16 | 0.67 | 0.09 | 0.42 | 0.74 | 0.08 | 60 | 7.5 | 1.0 | 0.42 | 0 | GA |
| 17 | 0.70 | 0.10 | 0.49 | 0.73 | 0.09 | 59 | 7.5 | 1.0 | 0.45 | 0 | GA |
| 18 | 0.69 | 0.09 | 0.44 | 0.72 | 0.09 | 59 | 7.5 | 1.0 | 0.44 | 0 | GA |
| 19 | 0.67 | 0.10 | 0.44 | 0.72 | 0.08 | 59 | 7.5 | 1.0 | 0.47 | 0 | RC |
| 20 | 0.70 | 0.09 | 0.44 | 0.73 | 0.10 | 58 | 7.6 | 1.0 | 0.49 | 0 | RC |
| 21 | 0.68 | 0.08 | 0.46 | 0.74 | 0.09 | 58 | 7.5 | 1.0 | 0.46 | 0 | RC |
| 22 | 0.71 | 0.10 | 0.48 | 0.75 | 0.08 | 57 | 7.5 | 1.0 | 0.43 | 0 | RC |
| 23 | 0.71 | 0.08 | 0.44 | 0.75 | 0.08 | 57 | 7.6 | 1.0 | 0.44 | 0 | GA |
| 24 | 0.70 | 0.10 | 0.50 | 0.75 | 0.08 | 57 | 7.5 | 1.0 | 0.46 | 0 | AM |
| 25 | 0.70 | 0.09 | 0.48 | 0.73 | 0.09 | 57 | 7.5 | 1.0 | 0.44 | 0 | GA |
| 26 | 0.70 | 0.09 | 0.48 | 0.74 | 0.08 | 57 | 7.5 | 1.0 | 0.43 | 0 | GA |
| 27 | 0.70 | 0.10 | 0.47 | 0.76 | 0.09 | 55 | 7.5 | 1.0 | 0.48 | 0 | JV |
| 28 | 0.68 | 0.11 | 0.48 | 0.74 | 0.09 | 58 | 7.5 | 1.0 | 0.46 | 0 | RC |
| 29 | 0.68 | 0.08 | 0.47 | 0.73 | 0.09 | 55 | 7.5 | 1.1 | 0.46 | 0 | RC |
| 30 | 0.69 | 0.08 | 0.46 | 0.72 | 0.09 | 55 | 7.5 | 1.2 | 0.45 | 0 | GA |
| 31 | 0.67 | 0.10 | 0.44 | 0.73 | 0.09 | 55 | 7.6 | 1.2 | 0.45 | 0 | GA |
| AVG | 0.69 | 0.09 | 0.46 | 0.74 | 0.09 | 60 | 7.5 | 1.0 | 0.46 | 0 | |
| MAX | 0.72 | 0.11 | 0.50 | 0.78 | 0.11 | 64 | 7.6 | 1.2 | 0.50 | 0 | |
| MIN | 0.66 | 0.08 | 0.42 | 0.72 | 0.08 | 55 | 7.5 | 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 31-Oct-09

PER DAY AVERAGE 81,820,564

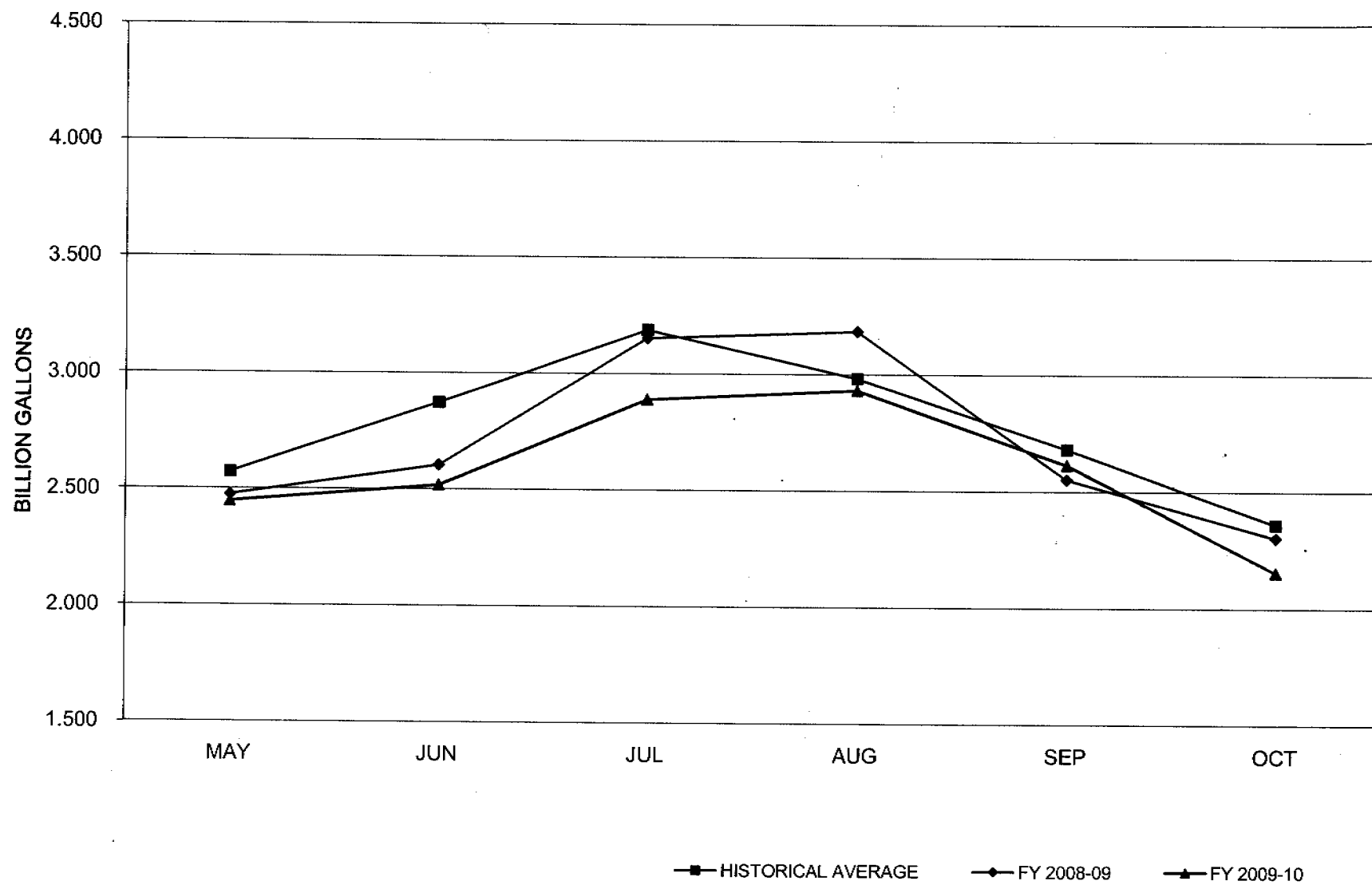
| MONTH | SALES TO CUSTOMERS (GALLONS) | PURCHASES FROM CHICAGO (GALLONS) | GALLONS BILLED % | BILLINGS TO CUSTOMERS | BILLINGS FROM CHICAGO | DOCUMENTED COMMISSION WATER USE (2) | DOCUMENTED COMMISSION WATER USE % | TOTAL ACCOUNTED FOR % | DWC RATE |
|------------|------------------------------------|--|------------------------|-----------------------------|-----------------------------|---|--|--------------------------------|-------------|
| 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 | 4,407,280 | 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 | 28,850,568 | 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 | 2,285,918,985 | 96.68% | \$2,741,312.06 | \$3,040,272.25 | 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% | 97.46% | \$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 | 97.13% | \$3,312,253.36 | \$5,015,376.08 | 2,353,100 | 0.07% | 97.92% | \$1.04 |
| 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 |
| 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 |
| 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 |
| 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 |
| 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 |
| TOTALS (1) | 523,078,865,400 | 538,447,296,238 | 97.15% | \$683,230,995.95 | \$634,262,048.93 | 553,151,375 | 0.10% | 97.25% | |

(1) - SINCE MAY 1, 1992

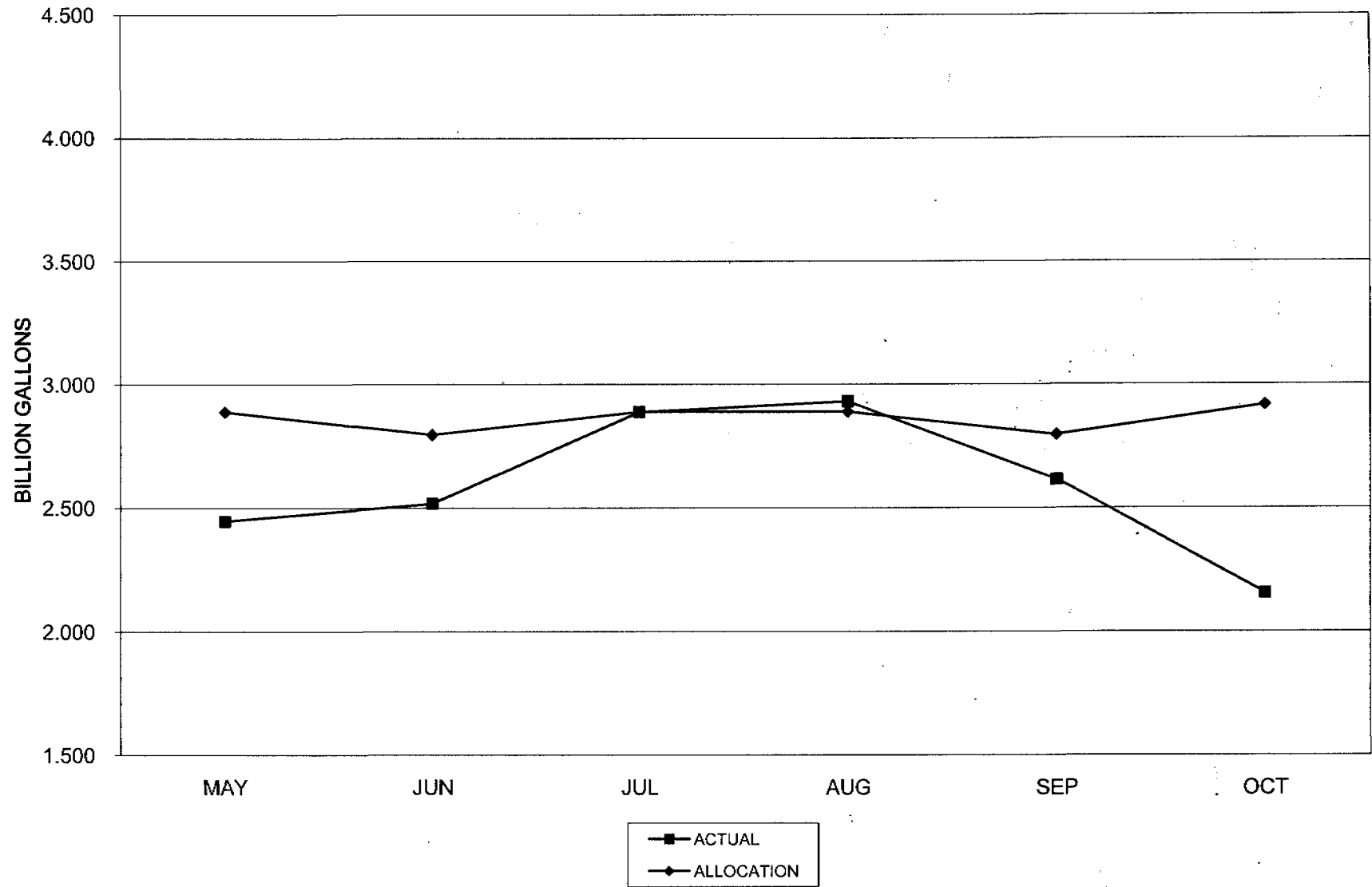
(2) - REPRESENTS DU PAGE PUMP STATION, METER TESTING AND CONSTRUCTION PROJECT USAGE

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**





November 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. 10

Dear Mr. Bostick:

We herewith submit our Progress Report No. 10 for the construction of the Electrical Generation Facility and Office/Garage Expansion for the DuPage Pumping Station covering the one month period from October 1, 2009 through October 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 remaining walls of the covered parking structure. The walls of the structure were then waterproofed and backfilled, while rebar was installed and concrete poured for the floor slab. WBCI began to install shoring, decking and rebar for the covered parking roof slab. The remaining portion of the floor slab was poured and the masonry in-fills of the overhead doors in the existing service building were completed.

Masonry work began in the existing service building and drywall installation continued in the office building with all the necessary in-wall plumbing & electrical piping. The louvers were installed in the generator building and work on the HVAC ductwork and piping continued. The day and lube oil tanks arrived onsite and fuel piping to and from the generators, day tanks, and lube oil tanks continued. They also began to install the water, sanitary, and storm piping in the lower parking area. Installation of the overhead doors in the garage building began. Finally, WBCI finished pulling cable through the new ductbanks to the existing service building and landscaping began along Butterfield Road and Cadwell Avenue.

2. *Scheduled Upcoming Work/November, 2009*

In the next month, Williams Brothers Construction, Inc. plans to complete the underground sanitary, storm, water and begin the gas piping in the lower parking area. WBCI will also continue installing shoring, forms and rebar for the covered parking structure roof slab. Plumbing and electrical work will continue in the office, generator and existing service buildings. Masonry work will continue in the existing service building 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. WBCI will continue landscaping along Butterfield Road and Cadwell Avenue.

3. *Project Schedule*

The October 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 | 341 days |
| ▪ Percent Time Complete | 46.71% |
| ▪ Approved Time Extensions | 0 days |
| ▪ Final Completion Date | November 24, 2010 |

4. *Construction Costs and Progress Payments*

Mr. C. Bostick
November 1, 2009
Page 3

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 | \$ 191,625.00 |
| ▪ Approved Change Order Percentage | 1.13% |
| ▪ Revised Contract Price | \$17,161,625.00 |
| ▪ Total Completed To Date | \$ 9,059,865.47 |
| ▪ Percent Completed To Date | 52.79 % |

5. *Pending Action Items and Issues*

- A few minor Potential Change Orders are pending.

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

Very truly yours,

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

cc: David D. Tucker, Jacquelyne Sanders

Mr. C. Bostick
November 1, 2009
Page 4



Skylights



Covered Parking Structure Progress

Mr. C. Bostick
November 1, 2009
Page 5



Office Building Progress



Garage Progress



DuPage Water Commission

PSC-04/08

Lexington Pumping Station

Division A – Generator Facility

Division B – Variable Frequency Drives

Progress Report #8

October 2009

Prepared by:

Eric Darlinger / MAI



GREELEY AND HANSEN



McDonough Associates Inc.
Engineers/Architects

November 6, 2009

Progress Report – October 2009

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

I. Summary of Work Performed and Project Status

During the month of October the progress on the PSC-04/08 project continues to meet or exceed the current approved construction schedule. Underground utilities relocation progress was slowed slightly this month, however, the water main is substantially complete and sections of the storm and sanitary sewers in close proximity to the new buildings have been completed. Continued acceleration of work on the buildings and electrical duct banks has more than compensated for small delays on the utilities. At this time it is anticipated that the installation of the architectural precast for the Generator Building will be started mid November; almost one month ahead of schedule. Photographs of October's progress can be found at the end of this report.

II. Project Progress

The following reflects the fully executed Change Order #2.

- Contract Commencement Date July 21, 2008
- Contract Duration 730 calendar days
 - Days Expended 467
- Approved Time Extensions
 - Generator Delivery Period 188 days
 - Contract Completion Date 92 days
- Revised Contract Duration 822 calendar days
 - Percent Completion 57%
- Final Completion Date October 21, 2010

III. Planned Work – November 2009

Throughout the month of November work will focus on installation of the buildings. This progress is anticipated to accelerate the Generator installation project milestone into December. November should also bring the conclusion of the utility relocation work and paving of the South Access Road.



Progress Report – October 2009

IV. Construction Costs and Progress Payments

Similar to Section II the following summary reflects the fully executed Change Orders #2 & #3.

| | |
|---|------------------|
| • 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 | -\$ 47,729.45 |
| ○ Constructive Change Order Percentage | -0.3% |
| • Revised Contract Price | \$ 17,445,468.31 |
| • Completed to Date | \$ 3,169,867.94 |
| • Percent Completed to Date | 18.2% |

V. Pending Action Items and Project Issues

A. *Water Main Change Order Request*

A change order request for modifications to the water main has been reviewed and recommended by the Engineer. This recommendation is currently under ownership review and anticipated for presentation to the Board during December's meeting.

Progress Report – October 2009

Water Main East Tie Point Work



Generator Building Foundation & Columns



Progress Report – October 2009

Generator Building Foundation & Columns (continued)



Generator Electrical Building Duct Bank and Foundation Excavation





DuPage Water Commission

PSC-05/08

Lexington Pumping Station

PHOTOVOLTAIC SYSTEM

Progress Report #3

October 2009

Prepared by:

Eric Darlinger / MAI



GREELEY AND HANSEN



McDonough Associates Inc.
Engineers/Architects

November 6, 2009

Progress Report –October 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 October 2009.

I. Summary of Work Performed and Project Status

Progress for the PSC-05/08 project has been slowed slightly by a very wet October. Placement of the precast concrete plank (PCP) supports for the PV racks and stone backfill was completed as expected. Installation of the racks and PV panels and wiring on the reservoir is now anticipated to extend into early December. Photographs of October'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 467
 - Percent Time Complete 64%
- Approved Time Extension 0 days
- Final Completion Date July 21, 2010

III. Planned Work – November 2009

Throughout the month of November 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 has just completed their application for the stored materials milestone payment for 40% of contract value. Expectations are that the application will be recommended for payment in November.



Progress Report –October 2009

October 12, 2009 Aerial photo



October 14, 2009 Last of the PCP and Stone installation



Progress Report –October 2009

October 16, 2009 Photovoltaic Rack Installation



October 22, 2009 Photovoltaic Installation



Progress Report –October 2009

October 29, 2009 Photovoltaic Installation

