



DuPage Water Commission

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

AGENDA

ENGINEERING & CONSTRUCTION COMMITTEE
THURSDAY, MARCH 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 January 8, 2009

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

- III. Report of Status of Construction/Operations
- IV. Partial Pay Request

Quick Response Contract

1. Relocate Pipe from Service Yard to Storage Pad (QR8-004A) Authorized by R-65-08 \$26,381.85
2. Relocate ROV Cabinet 15B Southwest corner of Naperville & Warrenville Roads (QRE3-001A) Authorized by R-34-07 \$741.10
3. Relocate ROV Cabinet 15B Southwest corner of Naperville & Warrenville Roads (QRE3-001B) Authorized by R-34-07 \$7,761.77
4. Relocate ROV Cabinet 15B Southwest corner of Naperville & Warrenville Roads (QRE3-001C) Authorized by R-34-07 \$1,296.80
5. Relocate ROV Cabinet 15B Southwest corner of Naperville & Warrenville Roads (QRE3-001D) Authorized by R-34-07 \$7,799.90
6. Relocate ROV Cabinet 15B Southwest corner of Naperville & Warrenville Roads (QRE3-001E) Authorized by R-34-07 \$1,480.77
7. Relocate ROV Cabinet 15B Southwest corner of Naperville & Warrenville Roads (QRE3-001F) Authorized by R-34-07 \$358.04
8. Relocate ROV Cabinet 15B Southwest corner of Naperville & Warrenville Roads (QRE3-001G) Authorized by R-34-07 \$1,432.24

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.

9. Relocate ROV Cabinet 15B Southwest corner of Naperville & Warrenville Roads (QRE3-001H) Authorized by R-34-07 \$2,042.07

RECOMMENDED MOTION: The Engineering Committee recommends to the Commission approval of payments in the amount of \$49,296.54 as part of the accounts payable, subject to submission of all contractually required documentation.

- V. Resolution No. R-10-09: A Resolution Approving and Ratifying Certain Work Authorization Orders Under Quick Response Contract QR-8/08 at the March 12, 2009, DuPage Water Commission Meeting
- Work Authorization Order No. 008 to Martam Construction Incorporated—estimated cost \$11,500.00

RECOMMENDED MOTION: The Engineering Committee recommends to the Commission approval of Resolution No. R-10-09: A Resolution Approving and Ratifying Certain Work Authorization Orders Under Quick Response Contract QR-8/08 at the March 12, 2009, DuPage Water Commission Meeting.

- VI. Resolution No. R-11-09: A Resolution Approving and Authorizing the Execution of a Seventh Amendment to the Contract for Evaluation, Design, Bidding and Construction of Electrical Generation Supply Facilities at the DuPage Pump Station at the March 12, 2009, DuPage Water Commission Meeting.
- \$231,464.00 NTE Cost Increase from \$3,888,809.00 to \$4,120,273

RECOMMENDED MOTION: The Engineering Committee recommends to the Commission approval of Resolution No. R-11-09: A Resolution Approving and Authorizing the Execution of a Seventh Amendment to the Contract for Evaluation, Design, Bidding and Construction of Electrical Generation Supply Facilities at the DuPage Pump Station at the March 12, 2009, DuPage Water Commission Meeting.

- VII. Resolution No. R-12-09: A Resolution Approving and Ratifying Certain Task Orders under a Master Contract with Patrick Engineering, Inc. at the March 12, 2009 Commission Meeting.
- \$18,000.00 NTE Cost

RECOMMENDED MOTION: The Engineering Committee recommends to the Commission approval of Resolution No. R-12-09: A Resolution Approving and Ratifying Certain Task Orders under a Master Contract with Patrick Engineering, Inc. at the March 12, 2009, DuPage Water Commission Meeting.

VIII. Resolution No. R-13-09: A Resolution Approving a First Amendment to Task Order No. 24 Under the Master Contract with AECOM USA, Inc. at the March 12, 2009 Commission Meeting.

- **\$32,500.00 NTE Cost Increase** from \$25,500.00 to \$58,000.00

RECOMMENDED MOTION: The Engineering Committee recommends to the Commission approval of Resolution No. R-13-09: A Resolution Approving a First Amendment to Task Order No. 24 Under the Master Contract with AECOM USA, Inc. at the March 12, 2009 Commission Meeting.

IX. Resolution No. R-14-09: A Resolution Approving a First Amendment to Task Order No. 25 Under the Master Contract with AECOM USA, Inc. at the March 12, 2009 Commission Meeting.

- **\$32,500.00 NTE Cost Increase** from \$25,500.00 to \$58,000.00

RECOMMENDED MOTION: The Engineering Committee recommends to the Commission approval of Resolution No. R-14-09: A Resolution Approving a First Amendment to Task Order No. 25 Under the Master Contract with AECOM USA, Inc. at the March 12, 2009 Commission Meeting.

X. Resolution No. R-15-09: A Resolution Approving and Ratifying Certain Work Authorization Orders Under Quick Response Contract QRE-4/08 at the March 12, 2009, DuPage Water Commission Meeting.

- **Estimated Cost \$4,500.00**

RECOMMENDED MOTION: The Engineering Committee recommends to the Commission approval of Resolution No. R-15-09: A Resolution Approving and Ratifying Certain Work Authorization Orders Under Quick Response Contract QRE-4/08 at the March 12, 2009, DuPage Water Commission Meeting

XI. Resolution No. R-16-09: A Resolution Awarding a Contract for Chain Link Fence Demolition, Re-Alignment, Fabric Replacement and Gate Work at the DuPage Pumping Station at the March 12, 2009, DuPage Water Commission Meeting.

- **Estimated Cost \$4,500.00**

RECOMMENDED MOTION: The Engineering Committee recommends to the Commission approval of Resolution No. R-16-09: A Resolution Awarding a Contract for Chain Link Fence Demolition, Re-Alignment, Fabric Replacement and Gate Work at the DuPage Pumping Station at the March 12, 2009, DuPage Water Commission Meeting.

XII. Adjournment

Board/Agendas/Engineering/Eng0903.doc

**MINUTES OF A MEETING OF THE
ENGINEERING & CONSTRUCTION COMMITTEE
OF THE DUPAGE WATER COMMISSION
HELD ON THURSDAY, JANUARY 8, 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, L. Hartwig, and S. Louis Rathje *ex officio*.

Committee members absent: None

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

Commissioner Mueller moved to approve the Minutes of the December 11, 2008 Engineering Committee. Motion seconded by Commissioner Poole and passed unanimously as follows:

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

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

Commissioner Hartwig moved to recommend to the Commission approval of payments in the amount of \$4,789.98 as part of the accounts payable, subject to submission of all contractually required documentation. Motion seconded by Commissioner Hartwig and passed unanimously as follows:

Quick Response Contracts

Remove and Replace Manhole Frame and Lid – RT. 83 & Butterfield Road (QR8-004A) Authorized by R-47-08 \$4,789.98

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

Commissioner Mueller moved to recommend to the Commission approval of Resolution No. R-2-09: A Resolution Awarding a Contract for Valve Actuator Replacement (VA-1/08) at four ROV sites and four Standpipe sites at the January 8, 2009 DuPage Water Commission Meeting. Motion seconded by Commissioner Poole. Commissioner Poole asked for a brief explanation of the

project. Staff informed him that the project was to replace outdated and failing actuators that were no longer supported by the manufacturer. Commissioner Poole asked how long the actuators usually last and staff informed him that they normally last approximately 20 years. Commissioner Hartwig asked why there was such a discrepancy in the bids. Staff informed him that the contractor had a good reputation and that they were confident he would be able to complete the job as bid. The motion passed unanimously as follows:

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

Commissioner Poole started the discussion on the PSD-6 fence. He stated that he was apposed to the use of barbwire on the center section of the fence and would like to see the fabric changed to a 1" vinyl coated fabric. Although he understands the need for security he is also concerned with the needs of our neighbors. Commissioner Hartwig asked for a brief description of PSD-6 and why a security fence was required for the project. Staff gave a brief history of the project and informed him that the security fence would provide a secure area for both the PSD-6 and PSD-7 contractors to store their supplies and equipment during the construction period and also provide lasting security for Commission property after the construction was completed. Commissioner Mueller agreed with Commissioner Poole's suggestion to modify the current fence and look into a more appealing permanent fence after the construction period is completed.

Commissioner Maio asked for a report on the furnishings for the new office facility. Staff reported that they conferred with the design engineers and they have found more economical options for furnishing the new facility. Staff will also keep the Commissioners updated as the project progresses.

Commissioner Hartwig moved to adjourn the meeting at 7:20 P.M. Motion seconded by Commissioner Mueller and unanimously approved by a Voice Vote.

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: March 6, 2009

SUBJECT: Status of Operations

Operations Overview

The Commission's sales for the month of February were a total of 2.054 billion gallons. This represents an average day demand of 73.4 million gallons per day (MGD), which is lower than the February 2008 average day demand of 74.1 MGD. The maximum day demand was 78.4 MGD on February 5, 2009, which is higher than the February 2008 maximum day demand of 76.3 MGD. The minimum day flow was 68.6 MGD. The Commission's recorded total precipitation for the month of February was 3.39 inches compared to 3.53 inches for February 2008. The level of Lake Michigan for February 2009 is 577.48 (Feet IGLD 1985) compared to 576.63 (Feet IGLD 1985) for February of 2008.

Water Conservation

Montgomery Watson Harza (MWH) presented the Draft Water Conservation Plan to the DuPage Mayors and Managers group on March 18th and will also present the plan to the DuPage County Board on March 10th.

Computer Room Cooling System

Hill Mechanical has completed the installation and Primera has completed the commissioning of the cooling units. Minor punch list items still remain and will be completed in early March.

Facilities Construction Overview

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

The project completion date is August 4, 2009. While permitting and design issues with the City of Elmhurst and AECOM are being worked out, the contractor has been submitting shop drawings.

Bids were received for the chain link fence modifications along Cadwell Avenue. This appears on the agenda as R-16-09.

Contract PSD-7 DPPS Electrical Generation

The contractor has been performing demolition, excavation, sanitary sewer casing installation and the forming and pouring of concrete footings and foundations. The project completion date is November 25, 2010.

Generator Supply Contract

Contractor submittals are close to final approval.

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

The contractor continues work along the new south access driveway, installing the soldier pile retaining wall, storm sewers and electrical ductbanks. The project completion date is July 10, 2010.

Contract PSC-5 Lexington Photovoltaic Cells

The contractor is providing re-submittals. The project completion date is July 10, 2010.

Winfield Additional Connection

Staff is working with ComEd and the Village to resolve the MS-27A access issues.

Naperville Additional Connection

Naperville has provided suggested revisions to the draft intergovernmental agreement. AECOM is performing hydraulic analysis.

DuPage County Service Areas

Preliminary design services for the Glen Ellyn Heights and Greene Road service areas are underway. DuPage County has requested that DWC design and

construct their pressure adjusting stations jointly with the metering stations. Ordinance O-2-09 and O-3-09 appear on the agenda as well as the amended AECOM Task Orders Nos 24 & 25, R-13-09 and R-14-09 respectively, to add this work to AECOM's scope of work.

Contract VA-1

Electrical Systems Inc. has placed the order for the equipment. Commission staff has started reviewing the equipment submittals.

GIS

Staff is anticipating starting the DuPage Pumping Station as-built drawing project as described in Resolution R-12-09. This project should be considered a pilot that will help gauge the amount of time, effort and cost needed to consolidate existing drawings of the pumping facility into a complete and up-to-date set that reflect various modifications made throughout the years. A secondary goal of the project is to define standards for AutoCAD files that will facilitate data exchange between the Commission and future contractors.

Staff is also continuing to work with Patrick Engineering to redesign the internal GIS web site using ArcGIS Server instead of ArcIMS. The goal of this project is to replace the current site with an ArcGIS Server site because of Server's superior performance and improved ability to customize. Progress on this depends on compatibility with the Infor Enterprise Asset Management (EAM) program since upgrading to the latest version of ArcGIS software would also require an upgrade to the next version of EAM.

The kick off meeting for the Document Management System (DMS) project was held on March 4th. One of the goals of this project is to integrate it with GIS to allow a two way flow of information between GIS and DMS as is now possible with the EAM program.

Pipeline Construction Overview

Work Authorization No. 3 for the installation of a bonding cable between two existing reverse current switches will begin following permit approval from the CTA and the CSX Railroad.

Restoration work included under Work Authorization No.5 (Wood Dale Meter Station 23B leak repair), and Work Authorization No.7,(leak repair---55th Street in Downers Grove) will begin when weather conditions, and DuPage DOT seasonal lane closure restrictions, permit.

Work to repair a leak on the 12 ductile iron feeder main to Meter Station 5E has been completed. This work is further described on R-10-09.

CONTRACT VSR-1 (VALVE STEM REPLACEMENT)

Design is approximately 70% complete.

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

Design revisions are in progress pursuant to R-6-09.

Contract TS-7(South Transmission Main Relocation)

70% plan submittal is currently under review by staff, the City of Naperville, and DuPage County Division of Transportation.

MARCH 2009 COMMISSION AGENDA ITEMS:

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1. DuPage Laboratory Bench Sheets for February, 2009
2. Water Sales Analysis 01-September-03 to 28-February-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 FEBRUARY 2009

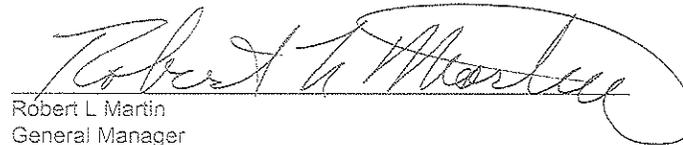
LEXINGTON SUPPLY

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	0.70	0.10	0.44	0.72	0.07	36	7.5	1.0	0.47	0	AM
2	0.72	0.09	0.41	0.75	0.07	36	7.5	1.0	0.43	0	AM
3	0.76	0.09	0.43	0.76	0.07	36	7.5	0.9	0.42	0	RC
4	0.75	0.10	0.43	0.77	0.09	36	7.5	1.0	0.45	0	MR
5	0.77	0.09	0.47	0.77	0.07	37	7.6	1.2	0.45	0	JV
6	0.73	0.09	0.44	0.78	0.08	37	7.6	0.9	0.43	0	JV
7	0.76	0.10	0.42	0.76	0.09	36	7.6	1.1	0.42	0	JV
8	0.73	0.10	0.49	0.78	0.07	37	7.5	1.0	0.40	0	JV
9	0.74	0.09	0.42	0.75	0.09	37	7.5	0.9	0.43	0	MR
10	0.75	0.10	0.45	0.75	0.09	36	7.5	1.0	0.43	0	MR
11	0.77	0.09	0.45	0.75	0.09	37	7.5	1.0	0.45	0	MR
12	0.78	0.09	0.44	0.74	0.08	37	7.6	0.9	0.44	0	MR
13	0.75	0.09	0.43	0.77	0.08	37	7.5	1.2	0.42	0	JV
14	0.73	0.09	0.41	0.77	0.09	37	7.4	1.1	0.45	0	JV
15	0.74	0.10	0.42	0.76	0.08	37	7.5	0.9	0.42	0	JV
16	0.70	0.10	0.45	0.78	0.09	37	7.5	1.0	0.46	0	JV
17	0.79	0.11	0.48	0.76	0.09	37	7.5	0.9	0.45	0	MR
18	0.78	0.09	0.47	0.76	0.07	36	7.6	0.9	0.42	0	MR
19	0.76	0.09	0.48	0.77	0.08	37	7.6	1.0	0.48	0	MR
20	0.73	0.09	0.42	0.77	0.07	37	7.5	0.9	0.48	0	MR
21	0.71	0.09	0.44	0.78	0.07	37	7.5	1.1	0.42	0	RC
22	0.73	0.10	0.45	0.76	0.07	37	7.5	1.1	0.42	0	JV
23	0.75	0.10	0.46	0.75	0.08	37	7.5	1.0	0.46	0	JV
24	0.72	0.12	0.43	0.75	0.08	37	7.4	1.1	0.46	0	JV
25	0.74	0.11	0.42	0.78	0.09	37	7.5	1.0	0.43	0	MR
26	0.73	0.10	0.41	0.76	0.09	37	7.5	1.0	0.43	0	MR
27	0.73	0.10	0.45	0.78	0.09	37	7.5	0.9	0.43	0	MR
28	0.73	0.09	0.46	0.76	0.08	37	7.5	0.9	0.42	0	MR
AVG	0.74	0.10	0.44	0.76	0.08	37	7.5	1.0	0.44	0	
MAX	0.79	0.12	0.49	0.78	0.09	37	7.6	1.2	0.48	0.00	
MIN	0.70	0.09	0.41	0.72	0.07	36	7.4	0.9	0.40	0.00	



Terrance McGhee
Manager of Water Operations



Robert L. Martin
General Manager

DU PAGE WATER COMMISSION
WATER SALES ANALYSIS

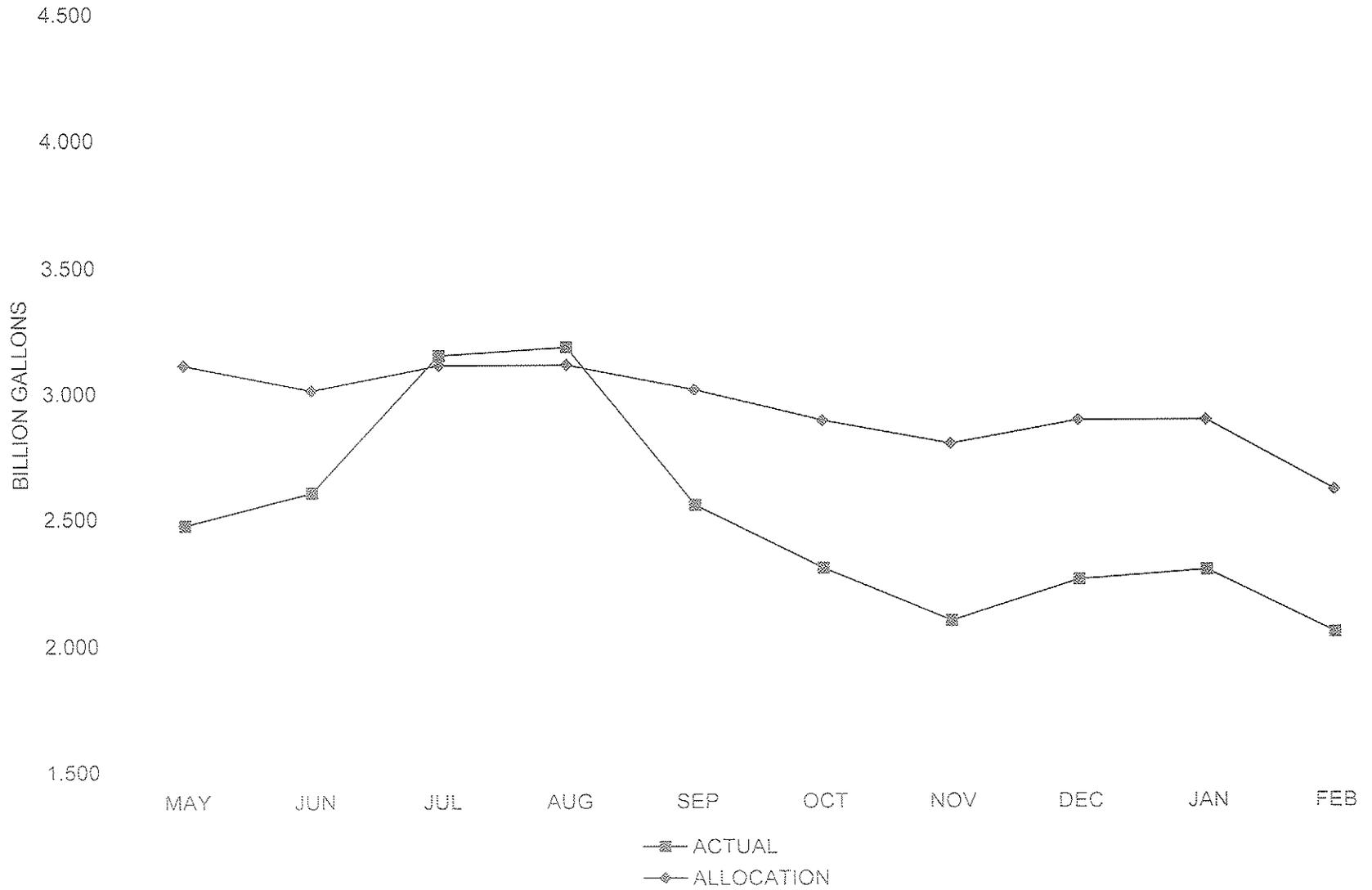
01-May-92 TO 28-Feb-09
PER DAY AVERAGE 81,876,374

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 %
May-05	2,751,156,000	2,826,791,957	97.32%	\$3,383,921.88	\$3,669,175.96	7,991,723	0.28%	97.61%
Jun-05	3,775,195,000	3,884,927,612	97.18%	\$4,645,553.10	\$5,042,636.04	6,563,800	0.17%	97.34%
Jul-05	4,078,909,000	4,145,332,157	98.40%	\$5,017,058.07	\$5,380,641.14	6,773,400	0.16%	98.56%
Aug-05	3,498,090,000	3,609,900,000	96.90%	\$4,302,650.70	\$4,685,677.02	8,573,152	0.24%	97.14%
Sep-05	3,202,484,000	3,289,206,394	97.36%	\$3,939,055.32	\$4,269,389.90	6,689,590	0.20%	97.57%
Oct-05	2,545,686,000	2,647,388,860	96.16%	\$3,131,193.78	\$3,436,310.74	6,998,672	0.26%	96.42%
Nov-05	2,238,636,000	2,261,375,216	98.99%	\$2,753,522.28	\$2,935,265.03	5,496,962	0.24%	99.24%
Dec-05	2,362,455,000	2,422,577,673	97.52%	\$2,905,819.65	\$3,144,505.82	5,810,930	0.24%	97.76%
Jan-06	2,241,162,000	2,303,320,263	97.30%	\$2,756,629.26	\$3,063,415.95	4,323,441	0.18%	97.49%
Feb-06	2,033,220,000	2,083,799,323	97.57%	\$2,500,915.68	\$2,771,453.10	3,709,927	0.18%	97.75%
Mar-06	2,189,124,000	2,245,513,008	97.49%	\$2,693,251.86	\$2,986,532.30	5,523,343	0.25%	97.73%
Apr-06	2,288,760,000	2,342,619,023	97.70%	\$2,815,174.80	\$3,115,683.30	3,928,470	0.17%	97.87%
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%
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%
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%
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%
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%
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%
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%
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%
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%
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%
Mar-07	2,210,108,000	2,255,212,245	98.18%	\$2,741,312.06	\$3,696,346.65	3,891,151	0.17%	98.35%
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%
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%
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%
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%
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%
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%
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%
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%
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%
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%
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%
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%
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%
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%
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%
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%
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%
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%
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%
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%
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%
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%
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%
TOTALS (1)	503,294,069,400	518,082,186,484	97.15%	\$654,964,451.75	\$599,170,242.83	527,116,926	0.10%	97.25%

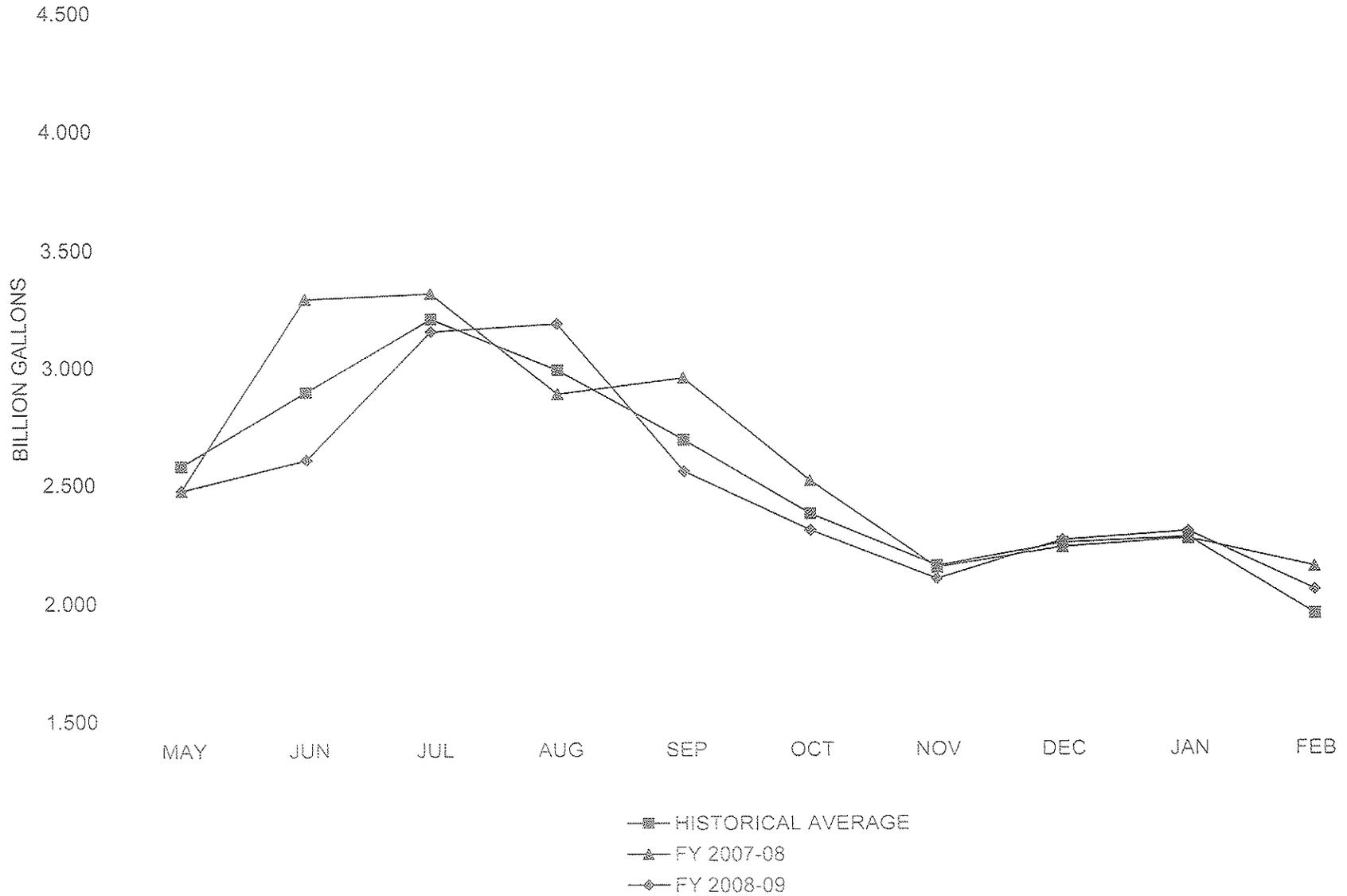
(1) - SINCE MAY 1, 1992

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

DU PAGE WATER COMMISSION SALES
FY 2008-09 VS. ALLOCATION



DU PAGE WATER COMMISSION SALES
FY 2008-09 & FY 2007-08 VS. HISTORICAL AVERAGE



DU PAGE WATER COMMISSION

RELOCATE PIPE FROM SERVICE YARD TO STORAGE PAD - DPPS (QR8-008A)

ACCT # 60-6631 AUTHORIZED BY R-65-08

MARTAM CONSTRUCTION, INC.

1200 GASKET DRIVE

ELGIN, IL 60120

	TUE 12/16/08	WED 12/17/08	HOURS UNITS	RATE	EXTENTION	FEE	AMOUNT
LABOR							
LABOR FOREMAN - (J. ARNOLD)	8.00	8.00	16.00	51.52	824.32		
OPERATOR - (D. KUTROVATZ)	8.00	8.00	16.00	74.63	1,194.08		
OPERATOR - OT (D. KUTROVATZ)		0.50	0.50	102.63	51.32		
OPERATOR - (P. DOLCIMASCOLO)	8.00	8.00	16.00	61.63	986.08		
OPERATOR - OT (P. DOLCIMASCOLO)	0.50	0.50	1.00	83.13	83.13		
LABOR TOP - (R. DOMINGUEZ)	8.00	8.00	16.00	50.27	804.32		
LABOR TOP - (Y. YOUKHANNA)	8.00		8.00	50.27	402.16		
LABOR TOP - (E. BARAJAS)	8.00	8.00	16.00	50.27	804.32		
LABOR TOP - (G. JERMAMDEZ)	8.00	8.00	16.00	50.27	804.32		
TEAMSTER - (B. MIEDEMA)	8.00	8.00	16.00	44.03	704.48		
TEAMSTER - (M. MATUSEK)	8.00		8.00	44.03	352.24		
TEAMSTER - OT (M. CLAUSSNER)			0.00	60.26	0.00		
					<u>7,010.77</u>	35.00%	9,464.54
MATERIAL							
ROCKFORD RIGGING, INC. - INVOICE # 0291271-IN	3,696.38				3,696.38		
ROCKFORD RIGGING, INC. - INVOICE # 0291272-IN	77.00				77.00		
BELL LAND IMPROVEMENT	1,136.06	840.00			1,976.06		
					<u>5,749.44</u>	20.00%	6,899.33
EQUIPMENT							
MACK SEMI TRUCK	8.00	8.00	16.00	75.95	1,215.20		
FLATBED TRAILER	8.00	8.00	16.00	10.68	170.88		
MACK SEMI (WITH LOWBOY)	8.00		8.00	75.50	604.00		
LOWBOY TRAILER	8.00		8.00	18.12	144.96		
2007 GMC SIERRA 1/2 TON	8.00	8.00	16.00	25.51	408.16		
KOMATSU PC400	8.00	8.00	16.00	177.44	2,839.04		
JOHN DEERE 450	8.00	8.00	16.00	185.38	2,966.08		
					<u>8,348.32</u>	20.00%	10,017.98

26,381.85

DU PAGE WATER COMMISSION

12/24/09

60-6631

26,381.85

MARTAM

21-24/09
26,381.85
BR

DU PAGE WATER COMMISSION

RELOCATE ROV CABINET - ROV 15B - SOUTHWEST CORNER OF NAPERVILLE & WARRENVILLE RDS (QRE3-001A)

ACCT. # 60-6633 AUTHORIZED BY R-34-07

DIVANE BROS. ELECTRIC CO.

2424 NORTH 25TH AVENUE, P.O. BOX 937

FRANKLIN PARK, IL 60131-0937

	MON 05/22/07	HOURS UNITS	RATE	EXTENTION	FEE	AMOUNT
LABOR						
ELEC. FOREMAN - (SCHEULLER)	8.00	8.00	59.76	478.08		
				<u>478.08</u>	38.50%	662.14
SUPPLIES				0.00		
				<u>0.00</u>	15.00%	0.00
EQUIPMENT						
VAN # 307	8.00	8.00	9.40	75.20		
				<u>75.20</u>	5.00%	78.96
						<u>741.10</u>

60-6633
 2/27/09
 741.10
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DU PAGE WATER COMMISSION

RELOCATE ROV CABINET - ROV 15B - SOUTHWEST CORNER OF NAPERVILLE & WARRENVILLE RDS (QRE3-001B)
 ACCT # 60-6633 AUTHORIZED BY R-34-07
 DIVANE BROS. ELECTRIC CO
 2424 NORTH 25TH AVENUE, P.O. BOX 937
 FRANKLIN PARK, IL 60131-0937

	TUE 05/29/07	WED 05/30/07	THU 05/31/07	HOURS UNITS	RATE	EXTENTION	FEE	AMOUNT
LABOR								
ELEC. FOREMAN - (SCHEULLER)	8.00	8.00	8.00	24.00	59.76	1,434.24		
ELEC. FOREMAN - O.T. (SCHEULLER)		1.00		1.00	87.19	87.19		
JOURNEYMAN - (ANAYA)	8.00	8.00	8.00	24.00	57.06	1,369.44		
JOURNEYMAN - O.T. (ANAYA)		2.00		2.00	83.14	166.28		
						<u>3,057.15</u>	38.50%	4,234.15
SUPPLIES								
PRAIRIE BRICK GROUP - INVOICE # 93550814		180.50				180.50		
GATWOOD CRANE SERVICE - INVOICE # 301747		393.90				393.90		
GRAYBAR - INVOICE # 926297719		273.51				273.51		
GRAYBAR - INVOICE # 926297720		343.36				343.36		
						<u>1,191.26</u>	15.00%	1,369.95
EQUIPMENT								
VAN # 307	8.00	9.00	8.00	25.00	9.40	235.00		
TRUCK # 330	8.00	10.00		18.00	43.90	790.20		
TRAILER # 482	8.00	10.00		18.00	6.10	109.80		
BACK HOE # 648	8.00	8.00	8.00	24.00	38.33	919.92		
						<u>2,054.92</u>	5.00%	<u>2,157.67</u>
								<u>7,761.77</u>

final
60-6633

2/27/09
7,761.77

DM

DU PAGE WATER COMMISSION

RELOCATE ROV CABINET - ROV 15B - SOUTHWEST CORNER OF NAPERVILLE & WARRENVILLE RDS (QRE3-001C)
 ACCT. # 60-6633 AUTHORIZED BY R-34-07
 DIVANE BROS. ELECTRIC CO.
 2424 NORTH 25TH AVENUE, P.O. BOX 937
 FRANKLIN PARK, IL 60131-0937

	FRI 06/01/07	HOURS UNITS	RATE	EXTENTION	FEE	AMOUNT
LABOR						
ELEC. FOREMAN - (SCHEULLER)	8.00	8.00	62.41	499.28		
JOURNEYMAN - (ANAYA)	3.00	3.00	59.71	179.13		
				<u>678.41</u>	38.50%	939.60
SUPPLIES						
				<u>0.00</u>		
				0.00	15.00%	0.00
EQUIPMENT						
VAN # 307	8.00	8.00	9.40	75.20		
TRUCK # 330	3.00	3.00	43.90	131.70		
TRAILER # 482	3.00	3.00	6.10	18.30		
BACK HOE # 648	3.00	3.00	38.33	114.99		
				<u>340.19</u>	5.00%	<u>357.20</u>
						<u>1,296.80</u>

just
 60-6633
PK

2/27/09
 1,296.80

DU PAGE WATER COMMISSION

RELOCATE ROV CABINET ROV 158 - SOUTHWEST CORNER OF NAPERVILLE & WARRENVILLE RDS (ORF3-001D)
 ACCT # 60-6633 AUTHORIZED BY R.34 07
 DIVANE BROS ELECTRIC CO
 2424 NORTH 25TH AVENUE, P O BOX 937
 FRANKLIN PARK, IL 60131-0937

	MON 06/04/07	TUE 06/05/07	WED 06/06/07	THU 06/07/07	FRI 06/08/07	HOURS UNITS	RATE	EXTENTION	FEE	AMOUNT
LABOR										
ELEC. FOREMAN - (SCHEULLER)	8.00	8.00	8.00	8.00	8.00	40.00	62.41	2,496.40		
ELEC. FOREMAN - (MCCARNEY)		8.00	8.00	8.00	8.00	32.00	62.41	1,997.12		
ELEC. FOREMAN - (PATTERSON)			4.00			4.00	62.41	249.64		
								<u>4,743.16</u>	38.50%	6,569.28
SUPPLIES										
GEXPRO - INVOICE # 265-180826			162.70					162.70		
EVERGREEN OAK ELECTRIC - INVOICE # 78480300				100.92				100.92		
ELFCO - INVOICE # 264993				48.00				48.00		
								<u>311.62</u>	15.00%	358.36
EQUIPMENT										
VAN # 307	8.00	8.00	8.00	8.00	8.00	40.00	9.40	376.00		
BUCKET # 314		8.00				8.00	26.62	212.96		
ALTEC # 272			4.00			4.00	60.44	241.76		
								<u>830.72</u>	5.00%	872.26
										<u>7,799.90</u>

fuel
60-6633

2/27/09
7,799.90

AM

DU PAGE WATER COMMISSION

RELOCATE ROV CABINET - ROV 15B - SOUTHWEST CORNER OF NAPERVILLE & WARRENVILLE RDS (QRE3-001E)
 ACCT. # 60-6633 AUTHORIZED BY R-34-07
 DIVANE BROS. ELECTRIC CO.
 2424 NORTH 25TH AVENUE, P.O. BOX 937
 FRANKLIN PARK, IL 60131-0937

	MON 06/11/07	HOURS UNITS	RATE	EXTENTION	FEE	AMOUNT
LABOR						
ELEC. FOREMAN - (SCHEULLER)	4.00	4.00	62.41	249.64		
ELEC. FOREMAN - (PEREZ)	8.00	8.00	62.41	499.28		
				<u>748.92</u>	38.50%	1,037.25
SUPPLIES						
				<u>0.00</u>		
				0.00	15.00%	0.00
EQUIPMENT						
VAN # 307	4.00	4.00	9.40	37.60		
SKID STEER # 619	8.00	8.00	23.02	184.16		
DUMP TRUCK # 312	8.00	8.00	18.98	151.84		
TRAILER # 483	8.00	8.00	6.10	48.80		
				<u>422.40</u>	5.00%	443.52
						<u>1,480.77</u>

fuel
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2/27/09
 1,480.77

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DU PAGE WATER COMMISSION

RELOCATE ROV CABINET - ROV 15B - SOUTHWEST CORNER OF NAPERVILLE & WARRENVILLE RDS (QRE3-001F)
 ACCT. # 60-6633 AUTHORIZED BY R-34-07
 DIVANE BROS. ELECTRIC CO.
 2424 NORTH 25TH AVENUE, P.O. BOX 937
 FRANKLIN PARK, IL 60131-0937

	MON 06/25/09	HOURS UNITS	RATE	EXTENTION	FEE	AMOUNT
LABOR						
ELEC. FOREMAN - (SCHEULLER)	2.00	2.00	62.41	124.82		
JOURNEYMAN - (ANAYA)	2.00	2.00	59.72	119.44		
				<u>244.26</u>	38.50%	338.30
SUPPLIES						
				<u>0.00</u>		
				0.00	15.00%	0.00
EQUIPMENT						
VAN # 307	2.00	2.00	9.40	18.80		
				<u>18.80</u>	5.00%	19.74
						<u>358.04</u>

paid
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2/27/09
 358.04

DU PAGE WATER COMMISSION

RELOCATE ROV CABINET - ROV 15B - SOUTHWEST CORNER OF NAPERVILLE & WARRENVILLE RDS (ORE3-001G)
 ACCT. # 60-6633 AUTHORIZED BY R-34-07
 DIVANE BROS. ELECTRIC CO.
 2424 NORTH 25TH AVENUE, P.O. BOX 937
 FRANKLIN PARK, IL 60131-0937

	THU 07/05/07	HOURS UNITS	RATE	EXTENTION	FEE	AMOUNT
LABOR						
ELEC. FOREMAN - (SCHEULLER)	8.00	8.00	62.41	499.28		
APPRENTICE - (MOORE)	8.00	8.00	39.59	316.72		
				<u>816.00</u>	38.50%	1,130.16
SUPPLIES						
				<u>0.00</u>		
				0.00	15.00%	0.00
EQUIPMENT						
VAN # 307	8.00	8.00	9.40	75.20		
PICK UP # 221	8.00	8.00	9.40	75.20		
TRAILER # 641	8.00	8.00	6.39	51.12		
MINI EXC. # 627	8.00	8.00	11.01	88.08		
				<u>289.60</u>	5.00%	<u>304.08</u>
						<u>1,434.24</u>

just
 60-6633

2/27/09
 1,434.24

[Signature]

DU PAGE WATER COMMISSION

RELOCATE ROV CABINET - ROV 15B - SOUTHWEST CORNER OF NAPERVILLE & WARRENVILLE RDS (QRE3-001H)
 ACCT. # 60-6633 AUTHORIZED BY R-34-07
 DIVANE BROS. ELECTRIC CO.
 2424 NORTH 25TH AVENUE, P.O. BOX 937
 FRANKLIN PARK, IL 60131-0937

	WED 08/22/07	THU 07/05/07	HOURS UNITS	RATE	EXTENTION	FEE	AMOUNT
LABOR							
ELEC. FOREMAN - (SCHEULLER)	2.00	8.00	10.00	62.41	624.10		
JOURNEYMAN - (PANKIEWICZ)		8.00	8.00	59.72	477.76		
JOURNEYMAN - (PANKIEWICZ)		1.00	1.00	78.62	78.62		
					<u>1,180.48</u>	38.50%	1,634.96
SUPPLIES							
					<u>0.00</u>		
					0.00	15.00%	0.00
EQUIPMENT							
VAN # 307	2.00	8.00	10.00	9.40	94.00		
PICK UP # 221		9.00	9.00	9.40	84.60		
TRAILER # 641		9.00	9.00	6.39	57.51		
MINI EXC. # 627		9.00	9.00	11.01	99.09		
COMPRESSOR		4.00	4.00	10.43	41.72		
90 LB JACK		4.00	4.00	2.70	10.80		
					<u>387.72</u>	5.00%	407.11
							<u>2,042.07</u>

Feb
 60-6633

2/27/09
 2,042.07

[Signature]

Electric Generation Facility & Office/Garage Expansion



DuPage Water Commission

600 E. Butterfield Road

Elmhurst IL 60126

PSD 7/08

Monthly Progress Report #2

February 2009

CDM



March 5, 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. 2

Dear Mr. Bostick:

We herewith submit our Progress Report No.2 for the construction of the Electrical Generation Facility and Office/Garage Expansion for the DuPage Pumping Station covering the one month period from February 1, 2009 through February 28, 2009.

1. *Overview and Status of the Work*

The Electrical Generation Facility and Office/Garage Expansion for the DuPage Pumping Station project consists 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 finished removing the floor slab from the Existing Service Building. They have excavated, installed forms, rebar and concrete for the entirety of the foundation walls of the Generator Building. Also, installation of the 20" sanitary sewer casing under the Existing Service Building has begun. In the Lay-Down Area the Engineer's, Superintendent's and Electrician's Trailers have been fully installed with a gravel parking lot.

2. *Scheduled Upcoming Work/March, 2009*

In the next month, WBCI plans to begin excavation, installation of forms, rebar and concrete for the Office Building foundations. Additionally, they plan to finish installing the sanitary sewer casing and pipe under the Existing Service Building from Sanitary

Manhole #1 to Sanitary Manhole #2. Also, planned is the excavation, installation of forms, rebar and concrete for the Generator Equipment Pads in the Generator Building. Additionally, scheduled is the installation of forms, rebar and concrete for the Day Tank area in the Existing Service Building.

3. *Project Schedule*

The February 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	96 days
▪ Percent Time Complete	13.15%
▪ Approved Time Extensions	0 days
▪ Final Completion Date	November 24, 2010

4. *Construction Costs and Progress Payments*

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

Contract No. PSD-7/08

▪ Original Contract Price	\$16,970,000.00
▪ Approved Change Orders	\$ 78,175.00
▪ Approved Change Order Percentage	0.46%
▪ Revised Contract Price	\$17,048,175.00
▪ Total Completed To Date	\$ 731,471.59
▪ Percent Completed To Date	4.29 %

5. *Pending Action Items and Issues*

- There is a Proposed Change Order No. 2 being negotiated for extra work incurred during the installation of the 20" sanitary sewer casing under the Existing Service Building. More information will be provided when the proposal has been finalized.

Mr. C. Bostick
March 5, 2009
Page 3

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
March 5, 2009
Page 4



Generator Building Foundation Excavation



20" Sanitary Sewer Casing Push Pit



Generator Building Foundation Wall



Generator Building Foundation Wall



DuPage Water Commission

PSC-04/08

Lexington Pumping Station

Division A – Generator Facility

Division B – Variable Frequency Drives

Monthly Progress Report

February 2009

Prepared by:

Eric Darlinger / MAI
Jeremy Nakashima / MAI
Dan Dragan / G&H



GREELEY AND HANSEN



McDonough Associates Inc.
Engineers/Architects

March 5, 2009

Monthly Progress Report – February 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 February 2009.

I. Summary of Work Performed and Project Status

Based on the progress achieved November through January, the PSC-04 project is behind the anticipated schedule which was issued by Joseph J. Henderson & Son (JJH) on November 13. However, during the month of February, the PSC-04 project began progressing as expected. During this past month approximately 90% of the electrical duct bank and 30% of the soldier-pile retaining wall for the south access road have been completed. In addition, installation of the increased storm sewer capacity at the southwest corner of the reservoir has been completed as well. This represented a change from the contract documents due to the conditions found after preliminary excavation in this area. Photographs of this progress can be found at the end of this document.

II. Project Progress

To be discussed further in the pending items section, an updated construction schedule is currently under review and approval is anticipated in the coming weeks. This update includes a time extension request for the Generator delivery/installation milestones, but not the final completion date.

- Contract Commencement Date July 21, 2008
- Contract Duration 730 calendar days
 - Days Expended 222
 - Percent Time Complete 30.4%
- Approved Time Extensions 0 days
- Final Completion Date July 20, 2010

III. Planned Work – March 2009

In March, JJH anticipates completing the majority of the South Access Road to allow for use in mid-April. This will include completion of the electrical duct bank, the soldier pile retaining wall, concrete deadman wall and tie-backs for the soldier pile, and all curb/gutter. In addition, by the end of March the guardrail installation should be partially finished as well.

IV. Construction Costs and Progress Payments

The first request for progress payment was recommended for payment at the end of February. The following summary of the progress payments includes this first request.

- Original Contract Price \$ 17,209,000.00
- Approved Change Orders \$ 0.00
- Approved Change Order Percentage 0.0%
- Revised Contract Price \$ 17,209,000.00
- Completed to Date \$ 328,104.99
- Percent Completed to Date 1.9%

Monthly Progress Report – February 2009

V. Pending Action Items and Project Issues

A. *Building Permit*

Construction on the north side of the reservoir cannot begin until the Chicago Office of Underground Coordination (OUC) issues their recommendation of approval to the Chicago Building Department. JJH is working with OUC to secure the permit for the north road.

B. *Department of Environment*

JJH and the design team are working with the equipment supplier to provide the required drawings to the Department of Environment for the underground fuel storage tanks. All the drawings for the tank location will be done the beginning of next week.

C. *Change Orders and Time Extension Request*

Proposed change order #1 includes the administrative items of removing references to the photovoltaic project (PSC-05/08) from the PSC-04 contract documents. In addition, it will include JJH's request for change order #1 in the amount of \$18,856.25. This change is due to the lengthening of "H"-piles for the south access road required by the OUC during their review.

As previously mentioned, JJH has made a request for time extension to the generator delivery/installation milestone of June 30, 2009. This request is currently being reviewed and discussed with the Engineer, but recommendations will be issued in the coming week or two. At this time the request only applies to the generator delivery date and does not apply to the contract end date.



Monthly Progress Report – February 2009



South access road electrical duct bank installation (south of Sec. of State)



Monthly Progress Report – February 2009



“H”-pile installation for soldier pile retaining wall



Storm sewer box culvert installed

