



# DuPage Water Commission

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## AGENDA

**ENGINEERING & CONSTRUCTION COMMITTEE**  
**THURSDAY, MARCH 14, 2013**  
**6:30 P.M.**

## COMMITTEE MEMBERS

D. Loftus, Chair  
R. Furstenau  
F. Saverino  
M. Scheck

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

- I. Roll Call
- II. Approval of Committee Meeting Minutes

**RECOMMENDED MOTION: To approve the Minutes of the February 21, 2013 Engineering & Construction Committee Meeting of the DuPage Water Commission.**

- III. Report of Status of Construction/Operations
- IV. Discussion Items
- V. Old Business
- VI. Other
- VII. Adjournment

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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, FEBRUARY 21, 2013  
600 EAST BUTTERFIELD ROAD  
ELMHURST, ILLINOIS**

The meeting was called to order at 6:30 P.M.

Committee members in attendance: D. Loftus, R. Furstenau, F. Saverino, M. Scheck and J. Zay (*ex officio*)

Committee members absent: None

Also in attendance: C. Bostick, T. McGhee, F. Frelka, E. Kazmierczak, M. Weed, J. Schori and J. Spatz (6:40).

Commissioner Furstenau moved to approve the Minutes of the January 17, 2013 Engineering & Construction Committee Meeting of the DuPage Water. Motion seconded by Commissioner Saverino and passed as follows:

Ayes: R. Furstenau, F. Saverino, M. Scheck and D. Loftus

Nays: None

Facilities Construction Supervisor Bostick provided an oral report highlighting the Status of Operations report;

Facilities Construction Supervisor Bostick advised the Committee that the Commission as project owner and CDM Smith as project engineer accepted the ACEC Illinois Chapter's Special Achievement Award for Energy on February 8<sup>th</sup>. The award was for the design of the Generation Facility and incorporating elements the U.S. Green Building Council LEEDs designs.

Regarding Operations Maintenance, Facilities Construction Supervisor Bostick referred to resolution R-8-13 for Quick Response Electric Contract (QRE-6/12) Work Authorization Order (WAO) No. 001. The proposed work includes Installation of electrical ridged piping, wiring and Commission supplied material and equipment on existing medium voltage switchgear. The installation is required to upgrade currently installed Schweitzer Engineering Laboratories (SEL) protection and communication switchgear relays to allow global; time synchronization, engineering access and event report collection. Facilities Construction Supervisor Bostick further stated that the work will allow coordination of events between all recently installed protective relays as well as the inclusion of event time stamping of other digital devices.

Facilities Construction Supervisor also informed the Committee that the Commission is

entering into a membership with the Cooperative Purchasing Network (TCPN). TCPN is another source of intergovernmental purchasing which will be available to the Commission. Commissioner Furstenau inquired as to the cost of joining the network which Operations Supervisor Weed replied the membership is a no cost registration.

Chairman Loftus requested in future Status of Operation reports items such as Document Management or other projects which are temporarily on hold be completed or omitted from the report or the status be shown as "tabled".

Facilities Construction Supervisor Bostick advised that the contractor (Airy's Inc.) has completed all work under Contract DuPage County Steeple Run Service Area MS-19/12 with the exception of the meter station flow control valve, meanwhile service to the community continues uninterrupted. For now, the Contract Completion Date remains November 27, 2012 however Staff will be submitting a recommendation for a time extension at the March or April Commission meeting.

General Manager Spatz entered the meeting at 6:40 P.M.

Regarding the York Township Water Facility, Facilities Construction Supervisor Bostick advised the committee that a side letter to the agreement (O-11-12) is continues in review by Oak Brook's and the Commission's legal counsel. Facilities Construction Supervisor Bostick indicated that DuPage County continues supplying water to their retail customers under the good graces of both the Village of Oak Brook and the DuPage Water Commission.

Facilities Construction Supervisor Bostick advised that DuPage County has provided additional documentation regarding proposed property interests and rights. The documentation is being reviewed by Staff and Commission legal counsel.

Facilities Construction Supervisor Bostick informed the commissioners that Tank Industry Consultants, Inc. (TIC) has completed the standpipe evaluations and has submitted their report. Staff will bring forth for consideration Rider No. 2 to the engineering agreement which would authorize development of bid specifications for standpipe rehabilitation and coating work to be undertaken in FY2013/14. Facilities Construction Supervisor Bostick reminded the Committee that the approved agreement with TIC included five project phases each to be brought before the Board for consideration as "riders". Facilities Construction Supervisor Bostick also advised that Staff will be looking to incorporate certain tank mixing system structural and mechanical preparatory work into the Standpipe 4E and 4W rehabilitation work. General Manager Spatz indicated that Staff has met with certain tank mixing device manufacturer representatives and Staff may be recommending incorporation of their impeller type mixing device in the Standpipe structure to perform a low cost study of its effect and determine the value in lieu of a pump based system. General Manager Spatz indicated that if the device is successful in achieving the desired effect, substantial savings may be realized.

Regarding the Customer meter calibration program, Facilities Construction Supervisor Bostick informed the commissioners that the program is ongoing and is approximately 55% complete.

Regarding the SCADA radio replacement project, Facilities Construction Supervisor Bostick informed the commissioners that Phase 1 is underway which includes the required documentation submittals and Instrumentation/Remote Facility Supervisor Schori anticipates the installation of radio's to commence by the end of February.

Regarding the IT Infrastructure Upgrade Project, Facilities Construction Supervisor Bostick advised that R-7-13 appears on the agenda to suspend Commission purchasing procedures and approve a purchase requisition to Sikich, LLC for the components. General Manager Spatz informed the Committee of the manufacturer/vendor relationship of Hewlett-Packard (HP) where preferential pricing to Sikich could not be provided to other authorized HP vendors where purchasing the components through Sikich would garner a savings of approximately \$27,000 for the Commission over the State Purchasing contract price. General Manager Spatz also indicated that GIS Coordinator Frelka sought additional quotes from other hardware manufacturers for comparison purposes. Commissioner Furstenau inquired as to the cost differential of the other manufacturer's components to which GIS Coordinator Frelka replied the difference was substantial. Chairman Loftus reminded the Committee that this item had been discussed at the January Committee meeting and also stated that \$27,000 savings is substantial and would recommend that the Board approve the authorizing resolution.

Regarding Pipeline Construction, Facilities Construction Supervisor Bostick advised the Committee that R-6-13 appears on the agenda to authorize the advertisement for bids on Quick Response Contract QR-10/13. The proposed contract term is for two years with another two one-year extension options.

Regarding Contract VSR-1/11, Facilities Construction Supervisor Bostick advised the Committee the valve stem replacement project was approximately 85% complete and was on track to finish by the original completion date.

Regarding Contract TS-8/12 for corrosion mitigation on the South Transmission Mains, Facilities Construction Supervisor Bostick advised the committee that work by John Neri Construction is nearing the commissioning phase and completion is expected shortly thereafter.

Regarding Contract TOB-7/12, Facilities Construction Supervisor Bostick informed the committee that the Contractor, John Neri Construction is submitting documentation and is in process of acquiring permits from appropriate authorities having jurisdiction which the City of Wheaton is the lone holdout.

Commissioner Furstenau revived his inquiry as to the water level of Lake Michigan. Manager of Water Operations McGhee provide a fifty-year history of water levels. General Manager Spatz indicated that while the lake level is a historically low point, lake levels are cyclical and should rise over time. General Manager Spatz also indicated that during his tenure with the City of Chicago, several options were studied in order to continually draw water from the Lake during low water levels. General Manager Spatz stated that the water level would have to drop several more feet before any such response plans would need to be implemented.

Chairman Loftus advised the Committee that Staff had completed the terms and conditions for the model Master Task Order agreement for professional engineering work. Manager of Water Operations McGhee informed the Committee that requests for qualification based submittals were sent to approximately thirty firms and has received a good amount of responses. Manager of Water Operations McGhee indicated that responses were due on March 5<sup>st</sup>. Chairman Loftus informed the Committee that the intent is to pre-qualify a quantity of firms to choose from when considering work. Chairman Loftus also informed the Committee that by entering into agreements with a number of firms is no guarantee of work.

Commissioner Furstenau moved to recommend approval of the following Engineering and Construction Committee items of the Commission Agenda:

2. Resolution No. R-6-13: A Resolution Directing Advertisement for Bids on a Contract for Quick Response Construction Work (Contract QR-10/13)
3. Resolution No. R-7-12: A Resolution Suspending Purchasing Procedures and Approving Requisition 15002 for the Purchase of Information Technology Hardware from Sikich, LLP
4. Resolution No. R-8-13: A Resolution Approving and Ratifying Certain Work Authorization Order(s) Under Quick Response Contract QRE-6/12 at the February 21, 2013 DuPage Water Commission Meeting

Seconded by Commissioner Scheck and unanimously approved by a Roll Call Vote:

Ayes: R. Furstenau, F. Saverino, M. Scheck and D. Loftus

Nays: None

Chairman Loftus inquired with the Committee if any other business or items are to be discussed. Hearing none, Commissioner Furstenau moved to adjourn the meeting at 6:50 P.M. Motion seconded by Commissioner Scheck and passed unanimously as follows:

Ayes: R. Furstenau, F. Saverino, M. Scheck and D. Loftus


Nays: None



# DuPage Water Commission

## MEMORANDUM

TO: John Spatz  
General Manager

FROM: Terry McGhee   
Manager of Water Operations

Ed Kazmierczak	Pipeline Supervisor
Chris Bostick	Facilities Construction Supervisor
John Schori	Instrumentation Supervisor
Frank Frelka	GIS Coordinator
Mike Weed	Operations Supervisor

DATE: March 7, 2013

SUBJECT: Status of Operations

### Operations Overview

The Commission's sales for the month of February were a total of 1.910 billion gallons. This represents an average day demand of 68.2 million gallons per day (MGD), which is higher than the February 2012 average day demand of 66.6 MGD. The maximum day demand was 74.1 MGD on February 5, 2013, which is higher than the February 2012 maximum day demand of 71.2 MGD. The minimum day flow was 62.5 MGD.

The Commission's recorded total precipitation for the month of February was 2.96 inches compared to 1.39 inches for February 2012. The level of Lake Michigan for February 2013 is 576.13 (Feet IGLD 1985) compared to 577.30 (Feet IGLD 1985) for February of 2012.

### Water Conservation

The Commission's water conservation related project was selected by Chicago Metropolitan Agency for Planning (CMAP) Local Technical Assistance (LTA) Program. The program will have a customer survey, which will then be used to create training workshops for our customers' water conservation coordinators. A training manual will be produced to summarize workshops and to list regional resources for conservation coordinators to continue activities after program completion. Outreach materials will also be developed geared toward elected officials about water conservation. One customer will receive 40-60 hours of CMAP staff time to assist with implementation of an activity highlighted during the training, water conservation training for their staff or some activity in their community. These materials and workshops will focus on our Mid-West region and other counties will be invited to participate. Staff will work with CMAP and the Metropolitan Planning Council (MPC) as well as the Commission's water

conservation consultant, MWH. Staff will be reviewing the draft survey compiled by CMAP and MPC on March 8.

A SCARCE (School and Community Assistance for Composting and Recycling Education) teacher tour took place on March 1. Along with Water Conservation, staff presented a brief background on the Commission, how the Commission went about building the LEED certified generator building and the improvements throughout the pump station. A memo regarding the tour and presentation has been posted on [preservingeverydrop.org](http://preservingeverydrop.org).

### **Document Management**

**No Change**

### **Facilities Construction Overview**

#### **DuPage County Service Areas**

**Steeple Run: No Change:** Airy's Inc., the Contractor, has completed all the work with the exception of the installation of the metering stations motorized valve. The delay is due to supply chain issues for certain electrical components. Service to the residence commenced on November 27<sup>th</sup> and continues uninterrupted. The Contract Completion Date remains November 27, 2012 however Staff will be submitting a recommendation for a time extension at the April Commission meeting.

Approximate Project Expenditures Remaining as of 01/23/13: \$45,160.00

Approximate DuPage County Funding Deposit Balance as of 01/23/13: \$179,107.00

**York Township: No Change:** O-11-12 was approved in October to retroactively authorize the construction and operation of an interconnection between the Village of Oak Brook and the County of DuPage for interim and emergency water supply from the Village to the County's York Township Service Area. A side letter to the agreement is being reviewed by Oak Brook's and the Commission's legal counsel.

**No Change:** The Joint Facility Agreement was executed by both Chairmen of the DWC and County Boards. This intergovernmental agreement approves the design and construction of the joint facilities by DuPage County upon DuPage County's and the Commission's approval at several different phases or milestones. We continue working with the County on the agreement for required easements.

#### **Standpipe Evaluations**

**No Change:** Standpipe evaluations by Tank Industry Consultants, Inc. were completed on February 11<sup>th</sup>. The final report has been delivered. In April, Staff will most likely bring forth for consideration Rider No. 2 of the engineering agreement which would authorize the next phase of the work which is development of bid specifications for standpipe rehabilitation and coating work at standpipes 4E and 4W to be undertaken in FY2013/14.

## **Instrumentation / Remote Facilities Overview**

The customer meter calibration program continues and is approximately 65% complete.

### **SCADA Radio Replacement Project**

The vendor, RKA Applied Solutions has completed Phase 1 and is working on documentation to complete Phase 2. All equipment has been delivered and is scheduled to be installed the second and third week of March. Phase 3 is scheduled for the first week of April to complete the cut-over to the new system design and provide training.

## **GIS**

### **Information Technology Infrastructure Upgrade Project**

The hardware for the Storage Area Network (SAN)/server virtualization project is on order. As soon as a delivery date is known, the installation and configuration work will be scheduled with Sikich. Also on order is software: Microsoft Exchange Server 2013, Windows Server 2012, SharePoint 2013, SQL Server 2012 and Windows Terminal Services for various upgrades and the terminal services project. This is in addition to Office 2013 for twelve new workstations.

Software upgrade work will occur after completion of the SAN project. This will be followed by a remote backup/disaster recovery project for which staff is receiving proposals from various vendors for comparison and selection. The goal of the backup project is to eliminate manual tape backups and automate the process with, most likely, an onsite appliance and cloud backup and restore solution.

## **Pipeline Construction Overview**

### **Contract VSR-1/11**

Installations are 88% complete and we expect to complete work at all 230 locations by May 1, 2013.

### **Contract TS-8/12 (Corrosion Protection and Control for the South Transmission Main)**

John Neri Construction Co's. corrosion consultant is coordinating the start-up, final testing and commissioning of the system. This is expected to take place sometime this month.

### **Contract TOB-7/12 Corrosion Protection and Control for the Outer Belt Transmission Mains).**

Work began on March 4<sup>th</sup>. The Contract Completion Date is April 30, 2013, however a Contract Change Order requesting a time extension will be brought before the board at later date. This Change Order is necessary pursuant to the board's decision to delay the award of the contract from August of 2012 to January of 2013.



**MARCH 2013 COMMISSION AGENDA ITEMS:**

Attachments:

1. DuPage Laboratory Bench Sheets for February, 2013
2. Water Sales Analysis 01-February-09 to 28-February-2013
3. Chart showing Commission sales versus allocations
4. Chart showing Commission sales versus historical averages

Operations\Memorandums>Status of Oper\2013\130307.doc

DUPAGE WATER COMMISSION LABORATORY BENCH SHEET  
MONTHLY REPORT FOR FEBRUARY 2013

## LEXINGTON SUPPLY

## DUPAGE DISCHARGE

DAY	FREE CL <sub>2</sub> mg/l	TURBIDITY NTU	PO <sub>4</sub> mg/l	FREE CL <sub>2</sub> mg/l	TURBIDITY NTU	TEMP °F	pH	Fluoride	PO <sub>4</sub> mg/l	P.A.C. LBS/MG	ANALYST INT
1	0.99	0.09	0.52	0.97	0.10	36	7.6	1.1	0.53	0	KD
2	1.00	0.08	0.56	0.95	0.09	38	7.6	1.0	0.54	0	KD
3	1.01	0.09	0.54	0.97	0.10	36	7.6	1.1	0.52	0	KD
4	1.00	0.09	0.54	0.97	0.10	38	7.6	1.1	0.52	0	AM
5	0.99	0.09	0.54	0.99	0.08	38	7.6	1.2	0.53	0	KD
6	1.00	0.09	0.56	0.99	0.09	36	7.6	1.0	0.56	0	KD
7	1.10	0.08	0.56	1.00	0.09	36	7.6	1.0	0.54	0	KD
8	1.00	0.09	0.55	0.98	0.09	36	7.6	1.0	0.57	0	AM
9	1.00	0.08	0.54	0.98	0.09	36	7.6	1.0	0.57	0	KD
10	1.02	0.09	0.56	0.96	0.10	36	7.6	1.0	0.55	0	KD
11	0.99	0.09	0.54	0.94	0.08	36	7.6	1.0	0.54	0	KD
12	1.00	0.09	0.57	0.95	0.09	37	7.6	1.0	0.55	0	AM
13	1.00	0.09	0.57	0.97	0.09	37	7.6	1.0	0.52	0	AM
14	1.00	0.08	0.56	1.00	0.09	38	7.6	1.0	0.57	0	AM
15	0.99	0.10	0.53	1.00	0.10	36	7.7	1.2	0.56	0	AM
16	0.96	0.09	0.53	1.00	0.09	37	7.6	1.1	0.57	0	CT
17	1.00	0.09	0.54	0.98	0.10	37	7.6	1.0	0.53	0	AM
18	1.00	0.10	0.57	0.96	0.10	38	7.6	1.0	0.54	0	AM
19	1.00	0.09	0.52	0.98	0.09	39	7.6	1.0	0.57	0	KD
20	1.00	0.08	0.57	0.97	0.09	38	7.7	1.1	0.54	0	KD
21	1.00	0.09	0.54	0.94	0.10	37	7.7	1.2	0.54	0	KD
22	0.97	0.09	0.55	0.97	0.09	36	7.7	1.1	0.56	0	CT
23	0.98	0.10	0.57	0.96	0.10	36	7.6	1.1	0.55	0	CT
24	0.98	0.08	0.55	0.98	0.09	36	7.6	1.1	0.56	0	FG
25	1.00	0.10	0.57	0.97	0.09	37	7.6	1.0	0.54	0	FG
26	0.96	0.08	0.53	0.95	0.09	36	7.6	1.1	0.51	0	CT
27	0.98	0.09	0.54	0.94	0.09	36	7.7	1.1	0.54	0	CT
28	0.97	0.11	0.54	0.97	0.10	36	7.6	1.1	0.52	0	CT
29										0	
30										0	
31										0	
AVG	1.00	0.09	0.55	0.97	0.09	37	7.6	1.1	0.54	0	
MAX	1.10	0.11	0.57	1.00	0.10	39	7.7	1.2	0.57	0	
MIN	0.96	0.08	0.52	0.94	0.08	36	7.6	1.0	0.51	0	

  
Terrance McGhee  
Manager of Water Operations

DU PAGE WATER COMMISSION  
WATER SALES ANALYSIS

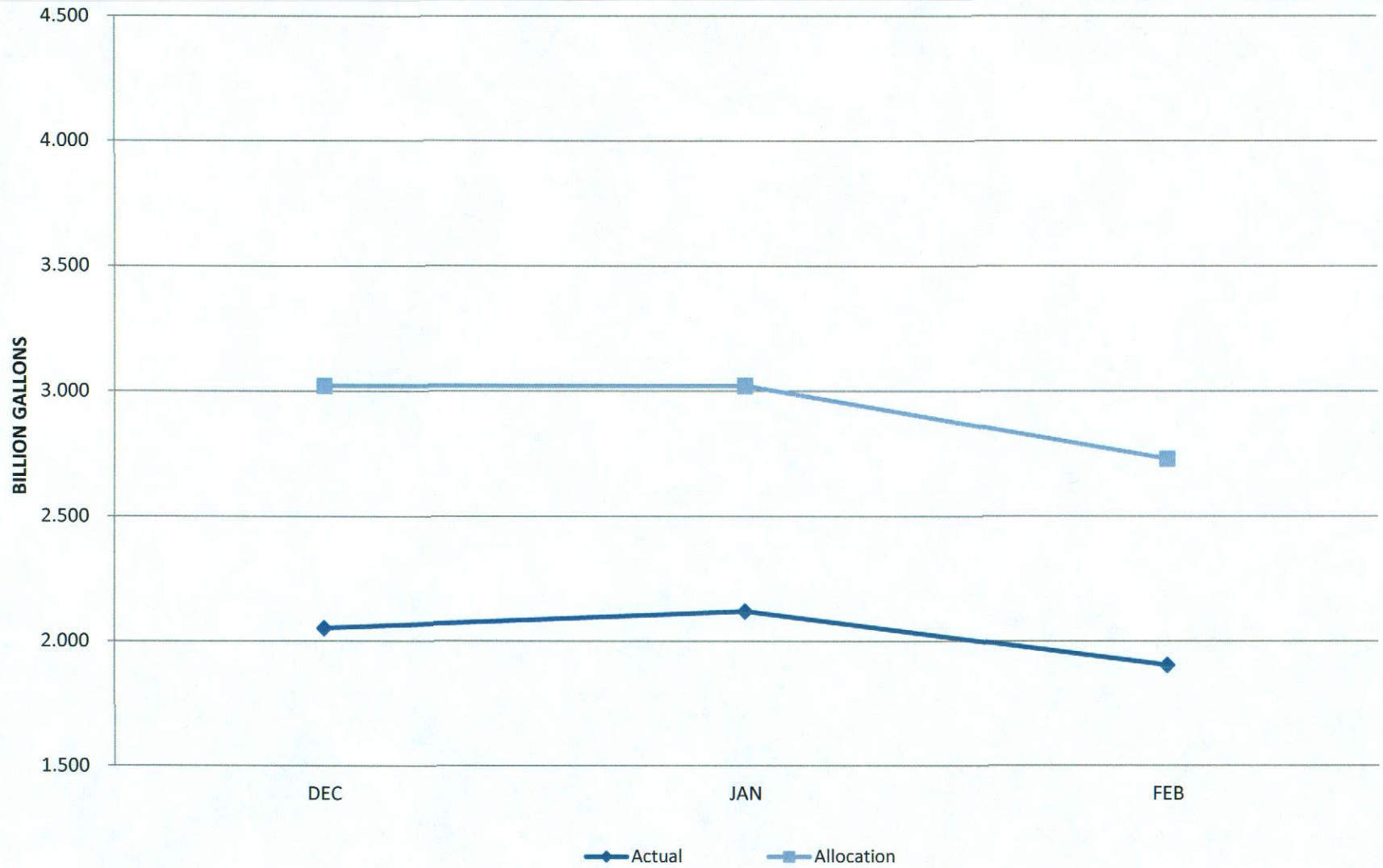
01-May-92 TO 28-Feb-13  
PER DAY AVERAGE 80,996,117

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 OPER. & MAINT. RATE (3)	CHGO RATE
May-10	2,483,442,000	2,546,177,057	97.93%	\$4,587,933.28	\$5,105,085.00	1,951,633	0.08%	98.01%	\$1.84	\$2.005
Jun-10	2,379,251,000	2,435,768,080	97.68%	\$4,377,821.84	\$4,883,715.00	1,052,920	0.04%	97.72%	\$1.84	\$2.005
Jul-10	2,977,683,000	3,048,231,920	97.69%	\$5,478,936.72	\$6,111,705.00	1,342,710	0.04%	97.73%	\$1.84	\$2.005
Aug-10	2,867,253,000	2,924,004,988	98.06%	\$5,275,745.52	\$5,862,630.00	930,281	0.03%	98.09%	\$1.84	\$2.005
Sep-10	2,525,751,000	2,588,259,352	97.58%	\$4,647,381.84	\$5,189,460.00	1,085,300	0.00%	97.58%	\$1.84	\$2.005
Oct-10	2,394,743,000	2,449,952,618	97.75%	\$4,406,327.12	\$4,912,155.00	1,143,788	0.05%	97.79%	\$1.84	\$2.005
Nov-10	2,044,476,000	2,079,920,200	98.30%	\$3,761,835.84	\$4,170,240.00	955,414	0.05%	98.34%	\$1.84	\$2.005
Dec-10	2,173,930,000	2,196,014,963	98.99%	\$4,000,031.20	\$4,403,010.00	943,234	0.04%	99.04%	\$1.84	\$2.005
Jan-11	2,176,905,000	2,203,802,993	98.78%	\$4,005,505.20	\$4,418,625.00	6,094,505	0.28%	99.06%	\$1.84	\$2.005
Feb-11	1,960,872,000	1,992,314,214	98.42%	\$3,608,004.48	\$3,994,590.00	3,351,469	0.17%	98.59%	\$1.84	\$2.005
Mar-11	2,084,629,000	2,119,930,175	98.33%	\$3,835,717.36	\$4,250,460.00	875,189	0.00%	98.33%	\$1.84	\$2.005
Apr-11	2,032,022,000	2,050,900,249	99.08%	\$3,738,920.48	\$4,112,055.00	674,574	0.03%	99.11%	\$1.84	\$2.005
May-11	2,342,971,000	2,384,648,379	98.25%	\$4,779,660.84	\$4,781,220.00	603,990	0.03%	98.28%	\$2.04	\$2.005
Jun-11	2,467,779,000	2,526,763,092	97.67%	\$5,034,118.96	\$5,066,160.00	700,540	0.03%	97.69%	\$2.04	\$2.005
Jul-11	3,211,413,000	3,276,142,145	98.02%	\$6,551,276.72	\$6,568,665.00	1,090,800	0.03%	98.06%	\$2.04	\$2.005
Aug-11	2,733,016,000	2,779,503,741	98.33%	\$5,575,352.64	\$5,572,905.00	792,559	0.03%	98.36%	\$2.04	\$2.005
Sep-11	2,486,823,000	2,533,174,564	98.17%	\$5,073,028.92	\$5,079,015.00	1,078,701	0.04%	98.21%	\$2.04	\$2.005
Oct-11	2,206,656,398	2,249,745,636	98.08%	\$4,501,579.05	\$4,510,740.00	681,023	0.03%	98.11%	\$2.04	\$2.005
Nov-11	1,986,038,000	2,012,618,454	98.68%	\$4,051,517.52	\$4,035,300.00	850,000	0.04%	98.72%	\$2.04	\$2.005
Dec-11	2,046,708,000	2,072,416,459	98.76%	\$4,175,284.32	\$4,155,195.00	974,459	0.05%	98.81%	\$2.04	\$2.005
Jan-12	2,073,584,000	2,111,472,876	98.21%	\$5,660,884.32	\$5,293,462.50	978,662	0.05%	98.25%	\$2.73	\$2.507
Feb-12	1,926,054,000	1,974,613,582	97.54%	\$5,258,127.42	\$4,950,356.25	923,283	0.05%	97.59%	\$2.73	\$2.507
Mar-12	2,006,949,000	2,047,616,673	98.01%	\$5,478,970.77	\$5,133,375.00	1,394,581	0.07%	98.08%	\$2.73	\$2.507
Apr-12	2,020,132,000	2,067,114,579	97.73%	\$5,514,960.36	\$5,182,256.00	1,425,448	0.07%	97.80%	\$2.73	\$2.507
May-12	2,571,924,000	2,631,095,433	97.75%	\$7,021,352.52	\$6,596,156.25	845,168	0.03%	97.78%	\$2.73	\$2.507
Jun-12	3,400,363,000	3,498,823,295	97.19%	\$9,282,990.99	\$8,771,550.00	1,375,200	0.04%	97.23%	\$2.73	\$2.507
Jul-12	3,529,438,000	3,609,199,242	97.79%	\$9,635,365.74	\$9,048,262.50	1,048,718	0.03%	97.82%	\$2.73	\$2.507
Aug-12	2,941,022,000	3,012,931,292	97.61%	\$8,028,990.06	\$7,553,418.75	986,869	0.03%	97.65%	\$2.73	\$2.507
Sep-12	2,477,340,000	2,530,704,029	97.89%	\$6,763,138.20	\$6,344,475.00	1,328,048	0.05%	97.94%	\$2.73	\$2.507
Oct-12	2,204,646,000	2,250,972,278	97.94%	\$6,018,683.58	\$5,643,187.50	1,277,774	0.06%	98.00%	\$2.73	\$2.507
Nov-12	1,997,315,000	2,038,118,269	98.00%	\$5,452,669.95	\$5,109,562.50	1,099,388	0.05%	98.05%	\$2.73	\$2.507
Dec-12	2,051,481,000	2,091,309,334	98.10%	\$5,600,543.13	\$5,242,912.50	882,788	0.04%	98.14%	\$2.73	\$2.507
Jan-13	2,118,398,000	2,159,418,779	98.10%	\$7,033,081.36	\$6,223,444.92	836,113	0.04%	98.14%	\$3.32	\$2.882
Feb-13	1,903,034,000	1,950,611,450	97.56%	\$6,318,072.88	\$5,621,662.20	1,106,766	0.06%	97.62%	\$3.32	\$2.882
TOTALS (1)	616,299,455,798	633,587,473,472	97.27%	\$886,126,499.60	\$842,569,683.40	608,032,545	0.10%	97.37%	\$1.44	\$1.330

- (1) - SINCE MAY 1, 1992
- (2) - REPRESENTS DU PAGE PUMP STATION, METER TESTING AND CONSTRUCTION PROJECT USAGE
- (3) - DOES NOT INCLUDE FIXED COST PAYMENTS

YTD	Feb-12	Feb-13	1,713,918,602	1,852,084,473	\$20,494,058	\$16,141,613	7.30%	7.7%	40.5%	32.3%
Month	Feb-12	Feb-13	1,926,054,000	1,974,613,582	5,258,127	4,950,356				
	Feb-13		1,903,034,000	1,950,611,450	6,318,073	5,621,662				
			(23,020,000)	(24,002,132)	\$ 1,059,945	\$ 671,306	-1.2%	-1.2%	21.4%	12.8%
Feb>Jan			(215,364,000)	(208,807,329)	\$ (715,008)	\$ (601,783)				

## DU PAGE WATER COMMISSION SALES FY 2012-13 VS. ALLOCATION



## DU PAGE WATER COMMISSION SALES FY 2012-13, 2011-12 & 2010-11 VS. HISTORICAL AVERAGE

