



# DuPage Water Commission

600 E. Butterfield Road, Elmhurst, IL 60126-4642  
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## AGENDA

**ENGINEERING & CONSTRUCTION COMMITTEE**  
**THURSDAY, APRIL 19, 2012**  
**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 March 15, 2012 Engineering & Construction Committee Meeting of the DuPage Water Commission.**

- III. Report of Status of Construction/Operations
- IV. R-14-12: A Resolution Approving and Ratifying Certain Work Authorization Orders Under Quick Response Contract QR-9/11
- V. R-15-12: A Resolution Awarding a Contract for Soils and Materials Testing Services
- VI. Discussion Items
- VII. Old Business
- VIII. Other
- IX. 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, MARCH 15, 2012  
600 EAST BUTTERFIELD ROAD  
ELMHURST, ILLINOIS**

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

Committee members in attendance: R. Furstenau, F. Saverino and M. Scheck

Committee members absent: D. Loftus and J. Zay (*ex officio*)

Also in attendance: T. McGhee, F. Frelka, E. Kazmierczak, and M. Weed.

Commissioner Furstenau moved to approve the Minutes of the February 16, 2012 Engineering & Construction Committee Meeting of the DuPage Water Commission. Motion seconded by Commissioner Saverino and passed unanimously as follows:

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

Nays: None

Absent: D. Loftus

Manager of Operations McGhee provided an oral report highlighting the Status of Operations report;

Regarding Water Conservation, Manager of Operations McGhee informed the Committee that the Commission hosted two events for local teachers that highlighted the Commission *Green Initiatives* and the *Water Conservation and Protection Plan*. Commissioner Furstenau asked what plant material was installed on the roof of the new buildings. Manager of Operations McGhee informed him that it was a no maintenance sedum.

Regarding PSD-7, DPPS Electrical Generation facilities, Facilities Manager of Operations McGhee informed the committee that the Commission has reached an agreement with the Contractor and the Engineer to resolve the outstanding issues and the details of the agreement would be discussed in the full Commission meeting.

Regarding Geographic Information System (GIS), Manager of Operations McGhee informed the committee that the Commission would be entering into an inter-agency agreement with the County of DuPage to share GIS data. Commissioner Furstenau asked if the Commission utilized an outside consultant to perform GIS work. GIS Coordinator Frelka informed the Commissioner that the bulk of the work was completed in-house but in the past has worked with Patrick Engineering to support his efforts.

Regarding the Joint Facility Agreement for the York Township service area, Manager of Operations McGhee informed the committee that the Commission and the County would be reversing roles, with the County acting as the lead agency due to their unique financing for this station. Commissioner Furstenau asked why the County would be serving this area when there are existing water utilizes in close proximity. Manager of Operations McGhee stated that was a question for the County to answer.

Regarding the Steeple Run Meter/Pressure Adjusting Station, Manager of Operations McGhee informed the committee that the project was out for bid and that the bids are due April 18, 2012. Commissioner Furstenau asked how much of a deposit the Commission required for this project and if the Commission has received the full amount. Manager of Operations McGhee informed the committee that he did not have the exact figure but he would get the Commissioner the requested information. Commissioner Furstenau also asked how much of the deposit has been spent to date. Manager of Operations McGhee informed the committee that the Commission has spent approximately \$30,000 on engineering.

Commissioner Saverino moved to recommend approval of item numbers 4,5,6,7,8, and 9 under the Engineering Report section of the Agenda, all in a single group pursuant to the Omnibus Vote Procedures. Seconded by Commissioner Furstenau and unanimously approved by a Roll Call Vote:

### **Engineering Omnibus Vote**

Ayes: R. Furstenau, M. Saverino and M. Scheck

Nays: None

Absent: D. Loftus

Item 4: Ordinance O-2-12: An Ordinance Requesting the Intergovernmental Transfer of Easement Rights for the DuPage County Steeple Run Metering Station MS-9C Site and Authorizing the Execution of the DuPage County Steeple Run Metering Station Easement Agreement

Item 5: Ordinance O-3-12: An Ordinance Approving and Authorizing the Execution of an Intergovernmental Agreement between the DuPage Water Commission and the County of DuPage Concerning the Construction and Operation of a Joint Facility and Other Connection Facilities for the York Township Service Area

Item 6: Resolution R-7-12: A Resolution Approving and Authorizing the Execution of a Memorandum of Agreement for Geographic Information System Data Sharing with DuPage County, Illinois Purchase Order No. 13521

Item 7: Resolution R-8-12: A Resolution Directing Advertisement for Bids on a Contract for the Construction of DuPage County Steeple Run Meter/Pressure Adjusting Station 9C (Contract MS-19/12)

Item 8: Resolution R-9-12: A Resolution Approving and Ratifying Certain Work Authorization Orders Under Quick Response Contract QR-9/11 at the March 15, 2012, DuPage Water Commission Meeting

Item 9: Resolution R-10-12: A Resolution Awarding a Contract for Landscape Maintenance Services

Commissioner Saverino moved to adjourn the meeting at 7:07 P.M. Motion seconded by Commissioner Furstenau and passed unanimously as follows:

Ayes: R. Furstenau, M. Saverino and M. Scheck

Nays: None

Absent: D. Loftus

BOARD/MINUTES/ENGINEERING/2012/ENG120315.doc



# 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: April 12, 2012

SUBJECT: Status of Operations

### Operations Overview

The Commission's sales for the month of March were a total of 2.017 billion gallons. This represents an average day demand of 65.1 million gallons per day (MGD), which is lower than the March 2011 average day demand of 67.6 MGD. The maximum day demand was 68.4 MGD on March 17, 2012, which is lower than the March 2011 maximum day demand of 70.6 MGD. The minimum day flow was 58.7 MGD. The Commission's recorded total precipitation for the month of March was 2.68 inches compared to 2.62 inches for March 2011. The level of Lake Michigan for March 2012 is 577.42 (Feet IGLD 1985) compared to 576.82 (Feet IGLD 1985) for March of 2011.

### Water Conservation

The 2011 Water Conservation and Protection Program (WCAPP) Annual Report will be distributed at the April Board Meeting.

Manager of Operations McGhee gave a presentation on the history of water in the Great Lakes region and the Commission's conservation efforts to natural resource students at Concordia University on April 4, 2012.

The Water Conservation and Protection Program will be attending the following conservation events in April:

Argonne Earth Day for employees on April 24, 2012

Cosley Zoo's Party for the Planet 10AM-2PM on April 28, 2012

**Document Management**

Staff has created workflows that will be utilized through DocMinder, a Document Management add-on, for board preparation procedures as well as other procedural needs. Staff has fully implemented the DocMinder system and will continue to use the system for future board preparation.

The Commission's new leased copiers/printers have been outfitted with software that will allow employees to directly scan into the Document Management System.

Work continues to complete the document inventory that will be sent to the Secretary of State for their destruction authorization.

**Facilities Construction Overview****Contract PSD-7 DPPS Electrical Generation**

The Contractor, Williams Brothers Construction Inc. (WBCI) and the Engineer, CDM Smith, have agreed to terms of the settlement as proposed by the General Manager.

**Contract PSC-5 Lexington Photovoltaic Cells**

No Change: The Contractor, Divane Brothers Electric Company (DBEC) is waiting on the City to establish an internet connection in order to display the PV system data on the internet. This is the final work required before closing out the contract. DBEC has formally requested project acceptance.

**Supply of Engine Generator Units**

No Change: Final Payment to the Contractor, Patten Industries, Inc. (Patten) will take place when all contractually required documentation is received and when spare parts are received.

**DuPage County Service Areas**

**Steeple Run:** The project is out for bids. Bid opening is April 18<sup>th</sup> with expected award at the May meeting. R-15-12 appears on the agenda to award a contract to Material Solutions Laboratory (MSL) to provide materials and soils testing for this project and others as they arise in FY 12/13. All Commission costs for work performed by MSL for the Steeple Run project will be remunerated by DuPage County funds already on deposit.

Project Expenditures as of 4/1/12: \$23,329.70

DuPage County Funding Deposit Balance as of 4/1/12: \$640,228.54

**York Township:** The Joint Facility Agreement was approved at the March Commission meeting. This intergovernmental agreement approved 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 are waiting on delivery of certain documentation from DuPage County prior to signing the agreement.

### **Instrumentation / Remote Facilities Overview**

#### **Annual Customer Meter Calibration Program**

The program is approximately 92% complete and on target to be completed by the end of the fiscal year.

#### **Remote Facilities Maintenance**

Completed monthly inspections of the South side Meter Stations and began semi-annual non-entry ROV inspections. Miscellaneous remote facility repairs continue.

#### **Contract QRE-5/10 (Quick Response Electrical Contract)**

Work Authorization Order # QRE-5.002 to repair the electrical service entrances at various meter stations has been delayed because of scheduling conflicts with ComEd. The contractor is trying to get the work scheduled and completed by the end of April.

### **GIS**

#### **Infor EAM**

Operations Department personnel are using the handheld devices to record regularly generated inspection and other work order results with the Blue Dot Advanced Mobile application. It would be accurate to say we have transitioned from testing to provisional acceptance. Minor problems seem to occur on average about once per week. Fortunately, we are at the point where brief telephone support calls resolve these problems. Use of the devices will continue as part of the normal work routine and, once we complete an entire work week without incident, the Infor EAM 8.5 upgrade project will be complete.

Staff is expecting an update to the Grainger catalog at the end of April for upload to Infor EAM. Because the original catalog took an excessive amount of time to upload staff is looking into alternative procedures for uploading the update.

Two new budget reports (detail and summary) are ready to be implemented in Infor EAM at the start of fiscal year 2013. The reports have a simplified and improved design that relies on a Flex SQL function to mark each requisition and purchase order line with the appropriate fiscal year. This will allow the use of a fiscal year selection parameter so they can be used in all subsequent fiscal years without hard coded dates.

## **Pipeline Construction Overview**

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

We have taken delivery of all materials and have begun installations. We expect to have installations completed at all 230 locations by May 1, 2013.

### **Contracts TOB-7/11 and TS-8**

The Illinois Department of Transportation and the DuPage County Highway Department have completed their initial review and comment of both contracts. EN Engineering is in the process of addressing those comments and, once completed, will submit pre-final plans and specifications to both agencies.

### **Contract QR-9 (Quick Response Contract)**

R-14-12 appears on the agenda as a resolution authorizing Work Authorization Number 4 to Contract QR-9/11. Approval of WAO #4 would authorize the adjustment of 6 manhole frames and lids on Bloomingdale/ Roselle Road.

Work on WAO# 3 (Hydrovac cleaning of 29 manholes) approved at the March 2012 Commission meeting is expected to begin in several weeks.

## **Operations Construction and Maintenance Overview**

### **High Lift Pump #4 Motor Re-Build**

High Lift Pump Motor #4 is repaired installed and is in operation. Total cost of removal, testing, repairing and reinstalling motor is \$36,694.

### **Landscape Maintenance Services**

Landscape Maintenance Services at the DuPage Pumping Station and other remote facilities will begin this month.

### **Landscape Conversion**

The second of a three year Landscape Conversion project at the DuPage Pumping Station will begin this month. Conversion from turf to native and no-mow grass was completed during the 2011 growing season. Primary focus for the 2012 growing season will be routine stewardship visits to control emerging invasive plants, fertilization and weed control as needed.

### **DuPage Pump Station Equipment and Facility**

Annual regulatory fire alarm system and component testing at the DuPage Pumping Station is complete.



**APRIL 2012 COMMISSION AGENDA ITEMS:**

**R-14-12** - A Resolution Approving and Ratifying Certain Work Authorization Orders Under Quick Response Contract QR-9/11 at the April 19, 2012, DuPage Water Commission Meeting

**R-15-12** – A Resolution Awarding a Contract for Soils and Materials Testing Services at the April 19, 2012, DuPage Water Commission Meeting

**Attachments:**

1. DuPage Laboratory Bench Sheets for March, 2012
2. Water Sales Analysis 01-May-09 to 31-March- 2012
3. Chart showing Commission sales versus allocations
4. Chart showing Commission sales versus historical averages

DUPAGE WATER COMMISSION LABORATORY BENCH SHEET  
MONTHLY REPORT FOR MARCH 2012

## LEXINGTON SUPPLY

## DUPAGE DISCHARGE

| DAY | LEXINGTON SUPPLY             |                  | DUPAGE DISCHARGE        |                              | TEMP<br>°F | pH | Fluoride | PO <sub>4</sub><br>mg/l | P.A.C.<br>LBS/MG | ANALYST<br>INT |                  |
|-----|------------------------------|------------------|-------------------------|------------------------------|------------|----|----------|-------------------------|------------------|----------------|------------------|
|     | FREE CL <sub>2</sub><br>mg/l | TURBIDITY<br>NTU | PO <sub>4</sub><br>mg/l | FREE CL <sub>2</sub><br>mg/l |            |    |          |                         |                  |                | TURBIDITY<br>NTU |
| 1   | 0.81                         | 0.10             | 0.44                    | 0.82                         | 0.11       | 38 | 7.6      | 1.1                     | 0.43             | 0              | AM               |
| 2   | 0.81                         | 0.10             | 0.45                    | 0.78                         | 0.10       | 39 | 7.6      | 1.1                     | 0.48             | 0              | AM               |
| 3   | 0.80                         | 0.09             | 0.47                    | 0.82                         | 0.10       | 39 | 7.6      | 1.1                     | 0.40             | 0              | KD               |
| 4   | 0.83                         | 0.10             | 0.46                    | 0.78                         | 0.09       | 40 | 7.6      | 1.1                     | 0.47             | 0              | AM               |
| 5   | 0.80                         | 0.12             | 0.47                    | 0.82                         | 0.10       | 40 | 7.6      | 1.1                     | 0.42             | 0              | AM               |
| 6   | 0.80                         | 0.11             | 0.46                    | 0.80                         | 0.11       | 40 | 7.6      | 1.0                     | 0.44             | 0              | AM               |
| 7   | 0.79                         | 0.12             | 0.45                    | 0.80                         | 0.10       | 44 | 7.6      | 1.0                     | 0.46             | 0              | KD               |
| 8   | 0.79                         | 0.11             | 0.47                    | 0.79                         | 0.11       | 44 | 7.6      | 1.0                     | 0.43             | 0              | KD               |
| 9   | 0.77                         | 0.10             | 0.45                    | 0.79                         | 0.11       | 44 | 7.6      | 1.0                     | 0.42             | 0              | KD               |
| 10  | 0.79                         | 0.11             | 0.42                    | 0.80                         | 0.09       | 44 | 7.5      | 1.1                     | 0.41             | 0              | AM               |
| 11  | 0.78                         | 0.09             | 0.48                    | 0.81                         | 0.09       | 44 | 7.6      | 1.1                     | 0.42             | 0              | AM               |
| 12  | 0.81                         | 0.11             | 0.43                    | 0.81                         | 0.12       | 44 | 7.6      | 1.1                     | 0.42             | 0              | KD               |
| 13  | 0.82                         | 0.09             | 0.42                    | 0.79                         | 0.11       | 44 | 7.6      | 1.1                     | 0.40             | 0              | KD               |
| 14  | 0.81                         | 0.12             | 0.45                    | 0.80                         | 0.12       | 44 | 7.5      | 1.0                     | 0.44             | 0              | AM               |
| 15  | 0.79                         | 0.11             | 0.48                    | 0.81                         | 0.10       | 44 | 7.5      | 1.0                     | 0.42             | 0              | AM               |
| 16  | 0.84                         | 0.10             | 0.47                    | 0.83                         | 0.11       | 44 | 7.5      | 1.1                     | 0.47             | 0              | AM               |
| 17  | 0.82                         | 0.10             | 0.46                    | 0.84                         | 0.10       | 43 | 7.6      | 1.0                     | 0.40             | 0              | KD               |
| 18  | 0.81                         | 0.11             | 0.45                    | 0.80                         | 0.11       | 44 | 7.6      | 1.1                     | 0.46             | 0              | KD               |
| 19  | 0.82                         | 0.10             | 0.45                    | 0.82                         | 0.10       | 44 | 7.6      | 1.0                     | 0.45             | 0              | AM               |
| 20  | 0.83                         | 0.11             | 0.44                    | 0.80                         | 0.10       | 44 | 7.6      | 1.0                     | 0.47             | 0              | AM               |
| 21  | 0.81                         | 0.10             | 0.48                    | 0.81                         | 0.10       | 46 | 7.6      | 1.0                     | 0.46             | 0              | KD               |
| 22  | 0.81                         | 0.09             | 0.46                    | 0.84                         | 0.11       | 46 | 7.6      | 1.0                     | 0.47             | 0              | KD               |
| 23  | 0.82                         | 0.11             | 0.49                    | 0.79                         | 0.10       | 45 | 7.6      | 1.1                     | 0.45             | 0              | KD               |
| 24  | 0.80                         | 0.11             | 0.43                    | 0.82                         | 0.10       | 46 | 7.5      | 1.0                     | 0.46             | 0              | CT               |
| 25  | 0.85                         | 0.10             | 0.41                    | 0.81                         | 0.11       | 45 | 7.5      | 1.1                     | 0.42             | 0              | CT               |
| 26  | 0.81                         | 0.10             | 0.47                    | 0.83                         | 0.11       | 47 | 7.5      | 1.0                     | 0.47             | 0              | FG               |
| 27  | 0.81                         | 0.12             | 0.44                    | 0.84                         | 0.10       | 47 | 7.6      | 1.0                     | 0.48             | 0              | FG               |
| 28  | 0.79                         | 0.12             | 0.48                    | 0.82                         | 0.09       | 48 | 7.6      | 1.0                     | 0.46             | 0              | CT               |
| 29  | 0.80                         | 0.10             | 0.44                    | 0.81                         | 0.09       | 48 | 7.6      | 1.1                     | 0.45             | 0              | CT               |
| 30  | 0.81                         | 0.10             | 0.42                    | 0.82                         | 0.11       | 49 | 7.6      | 1.1                     | 0.46             | 0              | CT               |
| 31  | 0.82                         | 0.11             | 0.43                    | 0.83                         | 0.10       | 49 | 7.6      | 1.0                     | 0.45             | 0              | FG               |
| AVG | 0.81                         | 0.11             | 0.45                    | 0.81                         | 0.10       | 44 | 7.6      | 1.0                     | 0.44             | 0              |                  |
| MAX | 0.85                         | 0.12             | 0.49                    | 0.84                         | 0.12       | 49 | 7.6      | 1.1                     | 0.48             | 0              |                  |
| MIN | 0.77                         | 0.09             | 0.41                    | 0.78                         | 0.09       | 38 | 7.5      | 1.0                     | 0.40             | 0              |                  |

  
Terrance McGhee  
Manager of Water Operations

DU PAGE WATER COMMISSION  
WATER SALES ANALYSIS

01-May-92 TO 31-Mar-12  
PER DAY AVERAGE 80,973,796

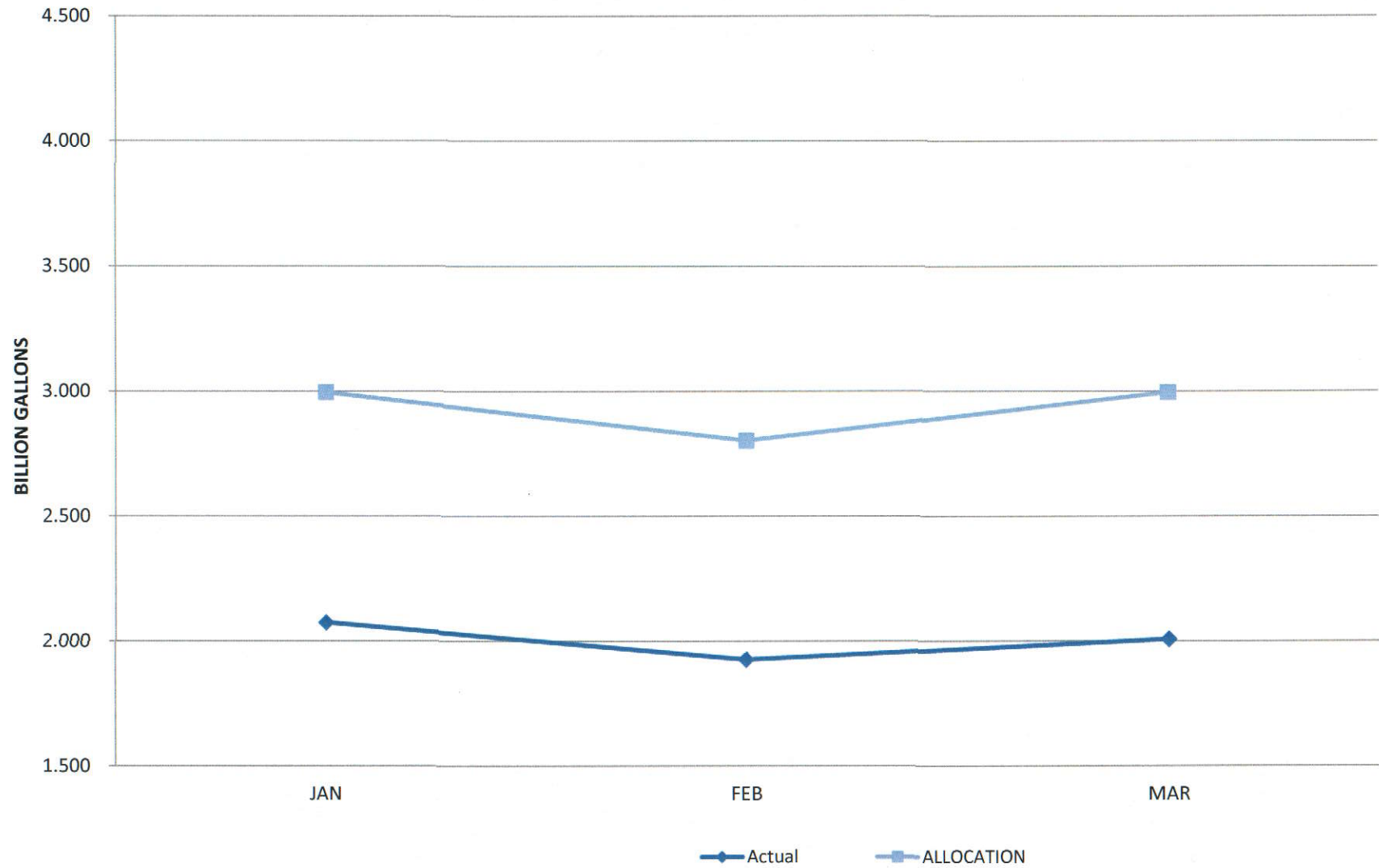
| MONTH      | SALES TO CUSTOMERS (GALLONS) | PURCHASES FROM CHICAGO (GALLONS) | GALLONS BILLED % | BILLINGS TO CUSTOMERS | BILLINGS FROM CHICAGO | DOCUMENTED COMMISSION WATER USE (2) | DOCUMENTED COMMISSION WATER USE % | TOTAL ACCOUNTED FOR % | DWC OPER. & MAINT. RATE (3) | CHGO RATE |
|------------|------------------------------|----------------------------------|------------------|-----------------------|-----------------------|-------------------------------------|-----------------------------------|-----------------------|-----------------------------|-----------|
| May-09     | 2,446,588,000                | 2,522,765,415                    | 96.98%           | \$3,620,947.28        | \$4,435,021.80        | 2,189,800                           | 0.09%                             | 97.07%                | \$1.48                      | \$1,758   |
| 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                      | \$1,758   |
| Jul-09     | 2,868,499,000                | 2,971,742,918                    | 97.20%           | \$4,274,978.52        | \$5,224,324.05        | 2,030,397                           | 0.07%                             | 97.27%                | \$1.48                      | \$1,758   |
| 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                      | \$1,758   |
| 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                      | \$1,758   |
| 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                      | \$1,758   |
| Nov-09     | 2,003,572,000                | 2,054,392,036                    | 97.53%           | \$2,965,286.56        | \$3,611,621.20        | 2,224,921                           | 0.11%                             | 97.63%                | \$1.48                      | \$1,758   |
| Dec-09     | 2,124,149,000                | 2,174,881,342                    | 97.67%           | \$3,143,740.52        | \$3,823,441.40        | 2,335,534                           | 0.11%                             | 97.77%                | \$1.48                      | \$1,758   |
| Jan-10     | 2,152,708,000                | 2,207,536,160                    | 97.52%           | \$3,186,007.84        | \$4,426,110.00        | 2,148,128                           | 0.10%                             | 97.61%                | \$1.48                      | \$2,005   |
| Feb-10     | 1,920,433,000                | 1,956,112,219                    | 98.18%           | \$2,842,240.84        | \$3,922,005.00        | 1,920,979                           | 0.10%                             | 98.27%                | \$1.48                      | \$2,005   |
| Mar-10     | 2,088,030,000                | 2,142,426,434                    | 97.46%           | \$3,090,284.40        | \$4,295,565.00        | 3,367,754                           | 0.16%                             | 97.62%                | \$1.48                      | \$2,005   |
| Apr-10     | 2,117,657,000                | 2,160,538,653                    | 98.02%           | \$3,134,132.36        | \$4,331,880.00        | 2,162,448                           | 0.10%                             | 98.12%                | \$1.48                      | \$2,005   |
| May-10     | 2,493,442,000                | 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        | \$4,418,825.00        | 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%           | \$4,779,860.84        | \$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        | \$5,086,160.00        | 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                | 2,012,818,454                    | 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%           | \$5,680,884.32        | \$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   |
| TOTALS (1) | 589,084,362,798              | 605,747,175,492                  | 97.25%           | \$809,456,650.83      | \$771,232,795.28      | 595,820,265                         | 0.10%                             | 97.35%                | \$1.37                      | \$1,273   |

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

Note: Remember to change date in E2 to current date  
Insert row and copy 271 to new row. Remove ' from the formula.

| YTD          | Mar-11         | Mar-12         |        |                 |                 |  |  |  |        |         |
|--------------|----------------|----------------|--------|-----------------|-----------------|--|--|--|--------|---------|
|              | 26,078,935,000 | 26,584,376,560 | 98.10% | \$47,985,240.40 | \$53,301,675.00 |  |  |  | \$1.84 | \$2,005 |
|              | 25,487,991,398 | 25,968,715,601 | 98.15% | \$56,139,801.48 | \$55,146,393.75 |  |  |  | \$2.20 | \$2,124 |
|              | (590,943,602)  | (615,660,959)  |        | \$8,154,561.08  | \$ 1,844,718.75 |  |  |  |        |         |
|              | -2.27%         | -2.3%          |        | 17.0%           | 3.5%            |  |  |  |        |         |
| Month        | Mar-11         | Mar-12         |        |                 |                 |  |  |  |        |         |
|              | 2,084,629,000  | 2,119,930,175  | 98.33% | 3,835,717       | 4,250,460       |  |  |  | \$1.84 | \$2,005 |
|              | 2,006,949,000  | 2,047,616,673  | 98.01% | 5,478,971       | 5,133,375       |  |  |  | \$2.73 | \$2,507 |
|              | (77,680,000)   | (72,313,502)   |        | \$ 1,643,253.41 | \$ 882,915.00   |  |  |  |        |         |
|              | -3.7%          | -3.4%          |        | 38.7%           | 23.0%           |  |  |  |        |         |
| mar less feb | 80,895,000     | 73,003,091     |        |                 |                 |  |  |  |        |         |

## DU PAGE WATER COMMISSION SALES FY 2011-12 VS. ALLOCATION



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

