



DuPage Water Commission

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

ENGINEERING & CONSTRUCTION COMMITTEE
THURSDAY, AUGUST 16, 2012
6:30 P.M.

600 EAST BUTTERFIELD ROAD
ELMHURST, IL 60126

COMMITTEE MEMBERS

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

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

RECOMMENDED MOTION: To approve the Minutes of the July 19, 2012 Engineering & Construction Committee Meeting of the DuPage Water Commission.

- III. Report of Status of Construction/Operations
- IV. R-29-12: A Resolution Awarding a Contract for the Construction of Corrosion Protection and Control for South Transmission Main (Contract TS-8/12).
- V. Discussion Items
- VI. Old Business
- VII. Other
- VIII. Adjournment

Board\Agendas\Engineering\2012\1208.docx

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, JULY 19, 2012
600 EAST BUTTERFIELD ROAD
ELMHURST, ILLINOIS**

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

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

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

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

Commissioner Furstenau moved to approve the Minutes of the June 19, 2012 Engineering & Construction Committee Meeting of the DuPage Water Commission. Motion seconded by Commissioner Scheck 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 reported that during the past several weeks with high temperature and sparse rainfall all pumps were operating properly; that voluntary electric utility load shedding has been instituted without any issues. It was also noted that peak hourly flows have been as much as 150-160 MGD.

Regarding PSD-7, DPPS Electrical Generation facilities, Facilities Construction Supervisor Bostick informed the committee that roof leak and HVAC issues are being contracted separately by the Engineer, CDM Smith, and their contractor (Autumn Construction Services) are preparing to mobilize in on July 23rd and 90% completion is anticipated the 1st week in August.

Regarding the DuPage County Steeple Run Service Area, Facilities Construction Supervisor Bostick advised that the contractor (Airy's Inc.) has been submitting shop drawings where mobilization and excavation is expected to commence on August 1st. The Contract Completion date is November 27, 2012.

With respect to QRE-5.007, the Committee was advised that the electric service remedial work was done in advance of Board approval since the arcing service cables were both a danger to the public as well as harmful to Commission facilities. This item appears on the agenda as R-27-12.

Regarding the JULIE one-call system for excavators, Facilities Construction Supervisor Bostick advised the DWC staff is analyzing the methodology in which the Commission receives dig notices. The Commission previously worked off a grid notification system and is now working off a pipeline location plus a 2,000 foot buffer zone notification system. At the end of the year, Staff will analyze the data and determine if the buffer zone should be modified.

Regarding Contracts TOB-7/12 and TS-8/12 for corrosion mitigation on the Outer Belt and South Transmission Mains, Facilities Construction Supervisor Bostick advised that both projects are currently out for bids with a recommendation to award contracts anticipated at the August Commission meeting. Several questions regarding the scope of work were asked by Commissioner Furstenau and were answered by Pipeline Supervisor Kazmierczak.

General Manager Spatz advised the Committee that he has been discussing labor costs for the Lexington Pumping Station with the Chicago Department of Water Management Commissioner Tom Powers. General Manager Spatz indicated that an annual single lump sum payment has been discussed as an option but further details are to be developed.

General Manager Spatz left the meeting at 6:45 PM.

Regarding Purchase Order 14249, Operations Manager McGhee advised that the intent of the purchase was to help safeguard the Commission against distribution of contaminants where the equipment as proposed is a singularly unit manufactured for detecting contaminant pre-cursors where the alternative would be to cobble a system together consisting of several manufacturers water sampling devices, tying them all together and then also developing a database and reporting system, all functions of which are included in the proposed unit. The Committee was advised that since the proposed purchase was from a sole source provider, the Commission By Laws require Board approval.

Commissioner Saverino moved to recommend approval of item numbers 2 and 3 under the Engineering Report section of the Commission 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, M. Scheck and D. Loftus

Nays: None

Item 2: R-26-12 – A Resolution Approving Change Order No. 1 to Task Order No. 27 Under the Master Contract with AECOM USA, Inc.

Item 3: R-27-12 – A Resolution Approving and Ratifying Certain Work Authorization Orders Under Quick Response Electrical Contract QRE-5/10

Commissioner Furstenau moved to recommend approval of Purchase Order 14249 in the amount of \$80,963.70 to the Hach Company, Inc. Seconded by Commissioner Saverino and unanimously approved by a Roll Call Vote:

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

Nays: None

Under items for discussion, Chairman Loftus advised the Committee that he has spoken with the General Manager about developing additional qualification based engineering agreements with several firms that the Commission may draw from for future work. Chairman Loftus also indicated that each agreement would be term limited and possibly include optional extension clauses.

Commissioner Scheck moved to adjourn the meeting at 6:56 P.M. Motion seconded by Commissioner Furstenau 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: August 9, 2012

SUBJECT: Status of Operations

Operations Overview

The Commission's sales for the month of July were a total of 3.528 billion gallons. This represents an average day demand of 113.8 million gallons per day (MGD), which is higher than the July 2011 average day demand of 103.1 MGD. The maximum day demand was 135.1 MGD on July 6, 2012, which is higher than the July 2011 maximum day demand of 132.4 MGD. The minimum day flow was 82.2 MGD. The peak hour flow rate for the month of July occurred on the 17th and registered at 166.12 MGD.

The Commission's recorded total precipitation for the month of July was 3.66 inches compared to 11.15 inches for July 2011. The level of Lake Michigan for July 2012 is 577.55 (Feet IGLD 1985) compared to 578.28 (Feet IGLD 1985) for July of 2011.

Water Conservation

On July 12, 2012, a College of DuPage Environmental Biology class held their classroom session at the Commission for a presentation on the history of the Commission as well as water conservation. They were given WCAPP informational pamphlets, rain gauges, leak detection tablets, and shower timers. They also toured the pumping station as well as the LEED certified generator building. A memo about their visit has been posted on preservingeverydrop.org.

Document Management

Staff is in the process of creating a secured board portal for Commissioners to view or search through Commission meeting materials, minutes, draft policies, by-laws, and procedures. Commissioners will be able to log in to the portal and download the current meeting materials as well as executive session materials.

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.

Facilities Construction Overview

Contract PSD-7 DPPS Electrical Generation

The chiller penthouse/roof roof leak and the office building HVAC modification work is being contracted and scheduled by the Engineer, CDM Smith. This work is underway. Completion is anticipated in late August.

DuPage County Service Areas

Steeple Run: The Contract has been awarded to Airy's Inc. The Contractor continues to submit required Shop Drawings. Excavation is expected to commence in mid August. The Contract Completion Date remains November 27, 2012.

Approximate Project Expenditures as of 8/7/12: \$45,675.00

Approximate DuPage County Funding Deposit Balance as of 8/7/12: \$634,049.00

York Township: No Change: The Joint Facility Agreement was approved at the May 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

Monthly inspections of remote facilities are being completed on schedule while performing maintenance repairs as needed.

Staff continues upgrading the remote facilities light fixtures from T12 to T8 lamps and ballasts. Staff is investigating possible lighting rebate programs.

Annual inspection of the standpipe CP system is scheduled to be completed by the end of August.

The meter shop scale was certified, repairs to valves and systems are being done to gear up for the 2012-2013 customer meter calibration program tentatively scheduled to begin in late August.

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

Work Authorization Order # QRE-5.005, to repair four electrical service entrance problems at meter stations is being scheduled with ComEd.

GIS**Infor EAM**

Staff made a change to the GIS integration feature in Infor EAM to point to an ArcGIS Server map service instead of an ArcIMS web site. ArcIMS is the previous version of ESRI's Internet mapping software that is being phased out. To users there appears to be no difference in how the mapping features work in Infor but on the server side ArcGIS Server runs faster and provides a simpler interface that is easier to set up. The Commission is currently running ArcGIS Server 10.0 but ESRI recently released version 10.1 which is not yet compatible with Infor EAM 8.5 but may be by the end of the year.

There is a patch for Infor EAM 8.5 that needs to be installed. Infor releases patches about three times per year or if a serious bug is discovered. In general, patches are mostly automated and easy to apply but there's always the potential to have system downtime if unexpected problems arise.

Staff is looking at setting up an ArcGIS Server web site that will be accessible on Android devices using ESRI's free mobile app. This has the potential to be helpful for personnel in the field there especially if it can be integrated with Infor EAM. There is also a free mobile app available for Apple devices but none are currently in use at the Commission.

Pipeline Construction Overview**Contract VSR-1/11**

Installations are in progress and we expect to complete work at all 230 locations by May 1, 2013. To date competition is approximately 26%.

Contracts TS-8/12 and TOB-7/12 (Corrosion Protection and Control for the South and the Outer Belt Transmission Mains). Bids were received and opened on August 6th. Resolution recommending award appears on the Commission's August meeting agenda as Resolutions R-29-12.

Contract QR-9 (Quick Response Contract)

Work Authorization Order #4 (The adjustment of 6 manhole frames and lids on Bloomingdale/ Roselle Road) is complete. Work Authorization Order #5 (The adjustment of 30 manhole frame at various locations throughout DuPage County) is in progress.

Operations Construction and Maintenance Overview**HVAC**

Seasonal preventative maintenance was completed on the Commission's Administration Building cooling system equipment. Minor repairs were completed during the maintenance process. Additionally, the Administration Building's Chiller #2 experienced a pipe fitting failure, causing the chiller unit to shut down. Repairs were made and the chiller is back in operation.

Underground Storage Tanks

Commission staff attended the requisite underground fuel storage tank owner/operator training and received the appropriate certifications as required by federal regulation.

Landscape Conversion

The second of a three year Landscape Conversion project at the DuPage Pumping is in process. Conversion from turf to native and no-mow grass was completed during the 2011 growing season. Service throughout the 2012 season will include routine stewardship visits to control emerging invasive plants, fertilization, and weed control as needed throughout the growing season.

2012 COMMISSION AGENDA ITEMS:

R-29-12 A Resolution Awarding a Contract for the Construction of Corrosion Protection and Control for the South Transmission Main

Attachments:

1. DuPage Laboratory Bench Sheets for July, 2012
2. Water Sales Analysis 01-July-09 to 31-July- 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 JULY 2012

LEXINGTON SUPPLY

DUPAGE DISCHARGE

| DAY | FREE CL ₂ | TURBIDITY | PO ₄ | FREE CL ₂ | TURBIDITY | TEMP °F | pH | Fluoride | PO ₄ | P.A.C. | ANALYST |
|-----|----------------------|-----------|-----------------|----------------------|-----------|------------|-----|----------|-----------------|--------|---------|
| | mg/l | NTU | mg/l | mg/l | NTU | | | | mg/l | LBS/MG | |
| 1 | 0.82 | 0.11 | 0.56 | 0.98 | 0.10 | 70 | 7.7 | 1.1 | 0.51 | 0 | KD |
| 2 | 0.82 | 0.11 | 0.52 | 0.98 | 0.10 | 70 | 7.7 | 1.1 | 0.54 | 0 | KD |
| 3 | 0.86 | 0.10 | 0.54 | 0.95 | 0.10 | 70 | 7.7 | 1.1 | 0.52 | 0 | AM |
| 4 | 0.88 | 0.10 | 0.50 | 0.98 | 0.09 | 70 | 7.7 | 1.1 | 0.50 | 0 | FG |
| 5 | 0.89 | 0.10 | 0.53 | 0.98 | 0.10 | 70 | 7.7 | 1.0 | 0.52 | 0 | FG |
| 6 | 0.88 | 0.10 | 0.52 | 0.95 | 0.11 | 71 | 7.7 | 1.1 | 0.50 | 0 | KD |
| 7 | 0.89 | 0.12 | 0.52 | 0.97 | 0.10 | 72 | 7.7 | 1.1 | 0.51 | 0 | KD |
| 8 | 0.90 | 0.11 | 0.53 | 0.96 | 0.10 | 71 | 7.7 | 1.1 | 0.50 | 0 | KD |
| 9 | 0.82 | 0.11 | 0.54 | 0.99 | 0.11 | 71 | 7.6 | 1.1 | 0.54 | 0 | AM |
| 10 | 0.84 | 0.12 | 0.54 | 0.98 | 0.10 | 74 | 7.7 | 1.1 | 0.53 | 0 | KD |
| 11 | 0.83 | 0.10 | 0.53 | 0.96 | 0.10 | 75 | 7.7 | 1.1 | 0.53 | 0 | KD |
| 12 | 0.87 | 0.10 | 0.54 | 0.97 | 0.10 | 75 | 7.7 | 1.1 | 0.53 | 0 | KD |
| 13 | 0.91 | 0.10 | 0.54 | 0.95 | 0.10 | 75 | 7.7 | 1.0 | 0.53 | 0 | CT |
| 14 | 0.89 | 0.10 | 0.51 | 0.95 | 0.10 | 75 | 7.6 | 1.1 | 0.52 | 0 | CT |
| 15 | 0.91 | 0.10 | 0.52 | 0.97 | 0.11 | 75 | 7.7 | 1.1 | 0.56 | 0 | CT |
| 16 | 0.86 | 0.10 | 0.51 | 0.96 | 0.10 | 75 | 7.7 | 1.1 | 0.52 | 0 | AM |
| 17 | 0.84 | 0.10 | 0.55 | 0.96 | 0.10 | 75 | 7.7 | 1.1 | 0.50 | 0 | CT |
| 18 | 0.90 | 0.12 | 0.51 | 0.98 | 0.11 | 75 | 7.7 | 1.0 | 0.56 | 0 | CT |
| 19 | 0.80 | 0.10 | 0.52 | 0.97 | 0.10 | 75 | 7.7 | 1.1 | 0.52 | 0 | CT |
| 20 | 0.85 | 0.11 | 0.50 | 0.97 | 0.11 | 75 | 7.7 | 1.0 | 0.53 | 0 | FG |
| 21 | 0.83 | 0.11 | 0.53 | 0.98 | 0.10 | 76 | 7.7 | 1.0 | 0.54 | 0 | FG |
| 22 | 0.80 | 0.11 | 0.54 | 0.95 | 0.11 | 76 | 7.7 | 1.1 | 0.56 | 0 | CT |
| 23 | 0.87 | 0.12 | 0.52 | 0.98 | 0.10 | 76 | 7.6 | 1.0 | 0.56 | 0 | CT |
| 24 | 0.83 | 0.11 | 0.51 | 0.97 | 0.11 | 76 | 7.7 | 1.1 | 0.55 | 0 | FG |
| 25 | 0.83 | 0.11 | 0.54 | 0.98 | 0.11 | 77 | 7.7 | 1.0 | 0.53 | 0 | FG |
| 26 | 0.84 | 0.10 | 0.52 | 0.99 | 0.11 | 77 | 7.7 | 1.1 | 0.54 | 0 | FG |
| 27 | 0.85 | 0.12 | 0.55 | 0.98 | 0.10 | 76 | 7.7 | 1.1 | 0.55 | 0 | CT |
| 28 | 0.86 | 0.12 | 0.55 | 0.98 | 0.10 | 77 | 7.7 | 1.0 | 0.56 | 0 | CT |
| 29 | 0.90 | 0.11 | 0.56 | 0.98 | 0.10 | 77 | 7.7 | 1.0 | 0.54 | 0 | CT |
| 30 | 0.85 | 0.10 | 0.54 | 0.99 | 0.10 | 78 | 7.6 | 1.0 | 0.55 | 0 | FG |
| 31 | 0.88 | 0.11 | 0.56 | 0.97 | 0.10 | 78 | 7.7 | 1.1 | 0.50 | 0 | CT |
| AVG | 0.86 | 0.11 | 0.53 | 0.97 | 0.10 | 74 | 7.7 | 1.1 | 0.53 | 0 | |
| MAX | 0.91 | 0.12 | 0.56 | 0.99 | 0.11 | 78 | 7.7 | 1.1 | 0.56 | 0 | |
| MIN | 0.80 | 0.10 | 0.50 | 0.95 | 0.09 | 70 | 7.6 | 1.0 | 0.50 | 0 | |


Terrance McGhee
Manager of Water Operations

DU PAGE WATER COMMISSION
WATER SALES ANALYSIS

01-May-92 TO 31-Jul-12

PER DAY AVERAGE 81,195,920

| 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 | 2,493,442,000 | 2,548,177,057 | 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 | 2,198,014,963 | 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 | 2,528,763,092 | 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 | 2,249,745,638 | 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 | \$5,182,258.00 | 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 |
| TOTALS (1) | 600,606,219,798 | 617,553,408,041 | 97.26% | \$840,911,320.44 | \$800,831,020.03 | 600,514,799 | 0.10% | 97.35% | \$1.40 | \$1.297 |

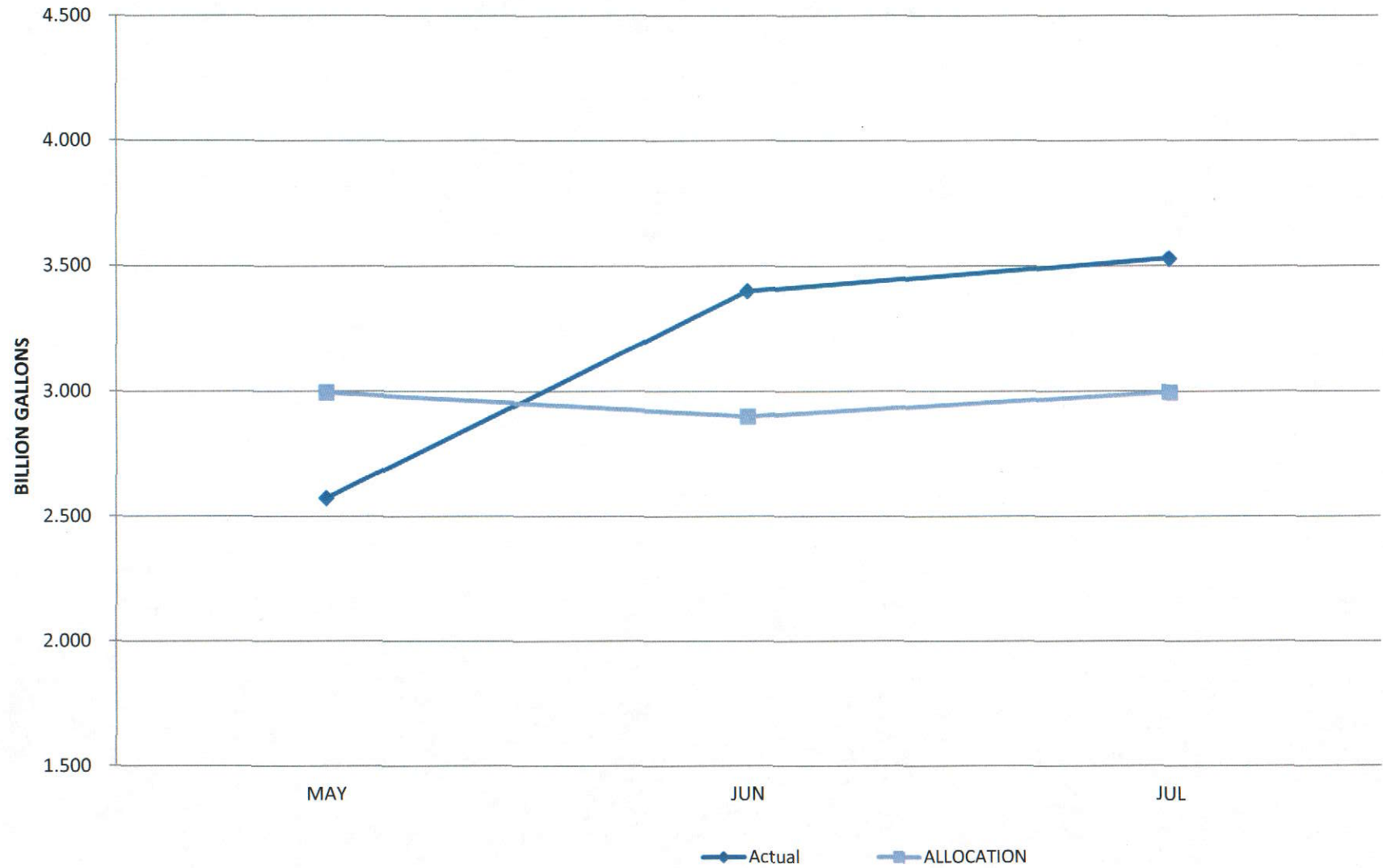
(1) - SINCE MAY 1, 1992

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

(3) - DOES NOT INCLUDE FIXED COST PAYMENTS

| YTD | Jul-11 | 8,022,163,000 | 8,187,553,816 | 97.98% | \$ | 16,365,057 | \$ | 16,416,045 | | \$2.04 | \$2.005 |
|-----------|--------|---------------|---------------|--------|----|-------------|----|-------------|--|--------|---------|
| | Jul-12 | 9,501,725,000 | 9,739,117,970 | 97.56% | \$ | 25,939,709 | \$ | 24,415,969 | | \$2.73 | \$2.507 |
| | | 1,479,562,000 | 1,551,564,354 | | | \$9,574,653 | | \$7,999,924 | | | |
| | | 18.44% | 19.0% | | | 58.5% | | 48.7% | | | |
| Month | Jul-11 | 3,211,413,000 | 3,276,142,145 | 98.02% | \$ | 6,551,277 | \$ | 6,568,865 | | \$2.04 | \$2.005 |
| | Jul-12 | 3,529,438,000 | 3,609,199,242 | 97.79% | \$ | 9,635,366 | \$ | 9,048,263 | | \$2.73 | \$2.507 |
| | | 318,025,000 | 333,057,097 | | \$ | 3,084,089 | \$ | 2,479,598 | | | |
| | | 9.9% | 10.2% | | | 47.0% | | 37.8% | | | |
| jul > jun | | 129,075,000 | 110,375,947 | | | | | | | | |

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

