



DuPage Water Commission

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AGENDA

ENGINEERING & CONSTRUCTION COMMITTEE
THURSDAY, JANUARY 17, 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 December 20, 2012 Engineering & Construction Committee Meeting of the DuPage Water Commission.

- III. Report of Status of Construction/Operations
- IV. R-2-13: A Resolution Awarding a Contract for the Configuration, Delivery and Installation Assistance of a 900 MHz Licensed MAS Radio System – **RKA Applied Solutions (\$173,469.90)**
- V. Enterprise Asset Management System Annual Software Maintenance Fee – **Infor Global Solutions Inc. (\$35,305.90)**
- 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, DECEMBER 20, 2012
600 EAST BUTTERFIELD ROAD
ELMHURST, ILLINOIS**

By consensus of members present, it was determined that Commissioner Furstenau, in the absence of Chairman Loftus, would act in the capacity of Chairman Pro Tem of the Engineering and Construction Committee.

The meeting was called to order at 6:32 P.M.

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

Committee members absent: D. Loftus

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

Commissioner Scheck moved to approve the Minutes of the November 15, 2012 Engineering & Construction Committee Meeting of the DuPage Water. Motion seconded by Commissioner Saverino and passed as follows:

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

Nays: None

Absent: D. Loftus

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

Facilities Construction Supervisor Bostick reported that during the month of November the system operated normally. It was also noted that the November 2012 pumpage almost mirrors that of November 2011.

Facilities Construction Supervisor Bostick informed the committee that CMAP has chosen the Commission's water conservation project as a baseline for development and training other organizations in water conservation awareness.

Regarding PSD-7, DPPS Electrical Generation Facilities, Facilities Construction Supervisor Bostick informed the committee that staff was still evaluating the effectiveness of the HVAC modifications and the final report tendered by the Engineer (CDM Smith).

Regarding the DuPage County Steeple Run Service Area, Facilities Construction Supervisor Bostick advised that the contractor (Airy's Inc.) has completed all work under Contract MS-

19/12 with the exception of the radio telemetry changes requested by DuPage County and the installation of the metering station's motorized valve. Despite the late changes in the work, the commencement of Lake Michigan Water service to the Steeple Run residents began on November 27th. The MS-19/12 Contract Completion date remains November 27, 2012, however Staff will be bringing forth a time extension as a change order request most likely in February 2013.

Facilities Construction Supervisor Bostick reviewed the content of R-45-12 which is Change Order #2 for Contract MS-19/12, the Steeple Run project.

Regarding the York Township Water Facility, Facilities Construction Supervisor Bostick advised the committee that since approval of the Intergovernmental Agreement between the DuPage Water Commission, the County of DuPage, and the Village of Oak Brook concerning the construction and operation of a connection facility for interim and emergency water deliveries for York Township (O-11-12), various points of issue brought up by the Village of Oak Brook remain unresolved and are being discussed between legal counsels. Commissioner Furstenau inquired as to the impacts of the agreement not being fully executed. 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. Commissioner Furstenau inquired as to the delays in receiving the property interests for the York Township Joint Facility site. Facilities Construction Supervisor Bostick advised that as far as the Commission is aware, DuPage County is pursuing the matters with the title insurance company. Commissioner Furstenau inquired if the continuing operation of the interim/emergency connection has created complacency or a lack of urgency within DuPage County to complete the transactions for the permanent joint facility site. Facilities Construction Supervisor Bostick stated that he has no indication that DuPage County is doing anything other than pursuing the required property interests.

Regarding the DWC SCADA System, Safety Coordinator Bostick advised the modified SCADA backhaul data network is up and communicating via telephone lines. This change was necessary as the Illinois State Toll Highway Authority's fiber optic system became unavailable for Commission use.

Regarding Quick Response Electrical Contract QRE-6/12, Facilities Construction Supervisor Bostick stated that QRE-6/12 Contracts were executed with each McWilliams Electric and Divane Bros. Electric Company, each with a two year contract duration beginning January 1, 2013.

Regarding the IT Infrastructure Upgrade Project, Facilities Construction Supervisor Bostick advised that staff developed an outline of all tasks to be accomplished, identified existing government contracts for Hewlett-Packard hardware equipment and is working towards contracting for the Storage Area Network (SAN) and virtual server installation, with remaining tasks will be relatively routine replacements and upgrades expected to be performed by staff. Commissioner Furstenau inquired as to the estimated costs for this project and I/RF Supervisor Schori responded that he thought it was about \$160,000.00.

Facilities Construction Supervisor Bostick advised the committee that the valve stem replacement project was approximately 63% 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 progressing satisfactorily on this project.

Regarding Contract TOB-7/12, Facilities Construction Supervisor Bostick informed the committee that award of a contract with John Neri Construction is being recommended by Staff and this appears on the agenda as R-44-12. Pipeline Supervisor Kazmierczak advised that John Neri Construction had been doing an acceptable job on TS-8/12 and after investigating the cost differential between the lowest bidder (Neri) and the second lowest bidder; Neri confirmed that their bid amount was firm.

Commissioner Saverino moved to recommend approval of the following Commission Agenda Items:

1. R-44-12: A Resolution Awarding a Contract for the Construction of Corrosion Protection and Control for the Outer Belt Transmission Main (Contract TOB-7/12)
2. R-45-12: A Resolution Approving and Ratifying Certain Contract MS-19/12 Change Orders

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

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

Nays: None

Absent: D. Loftus

Chairman Pro Tem Furstenau inquired with the Committee if any other business or items are to be discussed. Hearing none, Commissioner Saverino 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 and M. Scheck

Nays: None

Absent: D. Loftus



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: January 10, 2013

SUBJECT: Status of Operations

Operations Overview

The Commission's sales for the month of December were a total of 2.059 billion gallons. This represents an average day demand of 66.4 million gallons per day (MGD), which is the same as the December 2011 average day demand of 66.4 MGD. The maximum day demand was 70.4 MGD on December 24, 2012, which is lower than the December 2011 maximum day demand of 71.1 MGD. The minimum day flow was 63.1 MGD.

The Commission's recorded total precipitation for the month of December was 2.21 inches compared to 2.65 inches for December 2011. The level of Lake Michigan for December 2012 is 576.15 (Feet IGLD 1985) compared to 577.56 (Feet IGLD 1985) for December of 2011.

Operations Maintenance

Annual pump and motor vibration monitoring system maintenance and calibration has been completed.

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 as well as the Commission's water conservation consultant, MWH. The survey is scheduled to start in February.

Document Management

Staff is reviewing SharePoint Server 2010 to compare features, functionality and overall costs with the Commission's current Document Management Software, Interwoven.

Facilities Construction Overview

Contract PSD-7 DPPS Electrical Generation

The office building HVAC remediation project final outcome appears to be acceptable where payment to the Engineer (CDM Smith) appears on the January 2013 Accounts Payable.

DuPage County Service Areas

Steeple Run: No Change: Airy's Inc., the Contractor, has completed all the work with the exception of the metering stations motorized valve and the antenna monopole modifications requested by DuPage County. Service to the residence commenced on November 27th. For now, the Contract Completion Date remains November 27, 2012 however Staff will be submitting a recommendation for a time extension at the February or March Commission meeting.

Approximate Project Expenditures Remaining as of 11/30/12: \$100,630.00

Approximate DuPage County Funding Deposit Balance as of 11/30/12: \$304,873.00

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 are currently waiting on property interest documentation to be provided by the County in order to reach an agreement on easements.

Standpipe Evaluations

Standpipe evaluations by Tank Industry Consultants, Inc. are scheduled for completion by January 11th with the final report and documentation submittal to follow shortly thereafter. In February, Staff will most likely bring forth for consideration the 1st amendment to the engineering agreement which would authorize development of bid specifications for standpipe rehabilitation and coating work to be undertaken in FY2013/14.

Instrumentation / Remote Facilities Overview

Routine preventative maintenance work is being performed on schedule and maintenance repairs handled accordingly.

The customer meter calibration program continues and is approximately 35% complete.

Bid opening for the SCADA Multiple Address System (MAS) radio system replacement was held on December 28th. Of the six companies receiving copies of the RFP only one submitted a bid. R-2-13 appears on the agenda recommending acceptance of the lone proposal.

Contract QRE-6/12 (Quick Response Electrical Contract)

There are no active Work Authorizations at the present time.

GIS

Information Technology Infrastructure Upgrade Project

Staff is still evaluating the virtualized server and Storage Area Network (SAN) project, which would replace the existing local area network with a SAN network with high availability, redundant network operations and virtualized storage. The hardware and software components may be purchased by the Commission separately via an existing joint purchasing or approved government contract to be determined. Funding for this project is included in the FY 2012/13 capital and operating budgets.

After successful completion of the server/SAN project, additional IT infrastructure improvements are planned. These include an upgrade to the Microsoft Exchange email software, security enhancements, workstation replacements, off site data backups and possible replacement of the Autonomy DeskSite document management system with SharePoint 2013. The goal is to complete this work by the end of this fiscal year.

Pipeline Construction Overview

Contract VSR-1/11

Installations are approximately 70% 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 began work on October 18, 2012. The Contract Completion Date is February 28th. The Contractor continues waiting on ComEd to provide electrical services to three rectifier sites. Once the rectifiers are operational, the process of testing and commission the system will commence.

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

The contract closing was held on January 3rd. The Contractor, John Neri Construction, expects to begin work within the next several weeks.

Contract QR-9 (Quick Response Contract)

There are no active Work Authorization Orders at the present time.

JANUARY 2013 COMMISSION AGENDA ITEMS:

1. R-2-13: A Resolution Awarding a Contract for the Configuration, Delivery and Installation Assistance of a 900 MHz Licensed MAS Radio System at the January 17, 2013, DuPage Water Commission Meeting (RKA Applied Solutions - \$173,469.90).
2. Approval of Enterprise Asset Management System Annual Software Maintenance Fee (Infor Global Solutions Inc. - \$35,305.90).

Attachments:

1. DuPage Laboratory Bench Sheets for November, 2012
2. Water Sales Analysis 01-December-09 to 31-December-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 DECEMBER 2012

LEXINGTON SUPPLY

DUPAGE DISCHARGE

DAY	LEXINGTON SUPPLY		DUPAGE DISCHARGE		TEMP °F	pH	Fluoride	PO ₄ mg/l	P.A.C. LBS/MG	ANALYST INT	
	FREE CL ₂ mg/l	TURBIDITY NTU	FREE CL ₂ mg/l	TURBIDITY NTU							
1	0.89	0.10	0.53	0.86	0.10	45	7.6	1.1	0.53	0	AM
2	0.87	0.10	0.52	0.79	0.10	45	7.6	1.1	0.54	0	KD
3	0.90	0.11	0.51	0.80	0.10	45	7.7	1.1	0.54	0	KD
4	0.86	0.09	0.52	0.80	0.10	45	7.7	1.2	0.55	0	AM
5	0.91	0.10	0.53	0.83	0.11	44	7.6	1.1	0.52	0	AM
6	0.89	0.09	0.51	0.86	0.10	44	7.7	1.1	0.54	0	AM
7	0.88	0.10	0.52	0.86	0.11	44	7.7	1.1	0.54	0	KD
8	0.87	0.11	0.55	0.85	0.10	44	7.7	1.1	0.53	0	KD
9	0.91	0.09	0.54	0.83	0.10	45	7.7	1.1	0.52	0	AM
10	0.92	0.10	0.55	0.81	0.10	43	7.7	1.2	0.53	0	AM
11	0.89	0.09	0.54	0.91	0.11	43	7.7	1.2	0.55	0	KD
12	0.87	0.10	0.51	0.91	0.10	41	7.7	1.1	0.55	0	KD
13	0.89	0.09	0.51	0.93	0.10	42	7.7	1.1	0.53	0	KD
14	0.86	0.10	0.55	0.84	0.10	42	7.7	1.2	0.52	0	AM
15	0.87	0.11	0.54	0.89	0.10	42	7.6	1.1	0.52	0	KD
16	0.88	0.10	0.53	0.98	0.10	42	7.7	1.1	0.53	0	KD
17	0.93	0.09	0.51	0.90	0.10	42	7.7	1.2	0.52	0	AM
18	0.92	0.10	0.52	0.93	0.11	42	7.7	1.2	0.53	0	AM
19	0.90	0.10	0.54	0.92	0.10	41	7.7	1.2	0.54	0	AM
20	0.90	0.09	0.56	0.90	0.10	41	7.8	1.1	0.55	0	AM
21	0.89	0.10	0.54	0.90	0.11	41	7.7	1.1	0.51	0	AM
22	0.87	0.09	0.52	0.91	0.10	41	7.7	1.2	0.51	0	AM
23	0.89	0.10	0.53	0.90	0.11	42	7.6	1.2	0.51	0	AM
24	0.88	0.09	0.54	0.90	0.10	42	7.6	1.2	0.51	0	AM
25	0.91	0.10	0.52	0.90	0.10	41	7.7	1.1	0.52	0	CT
26	0.88	0.09	0.53	0.89	0.10	41	7.7	1.1	0.53	0	CT
27	0.87	0.10	0.52	0.86	0.11	42	7.7	1.0	0.52	0	CT
28	0.87	0.09	0.52	0.90	0.10	42	7.7	1.0	0.52	0	CT
29	0.86	0.11	0.51	0.92	0.11	41	7.7	1.1	0.52	0	CT
30	0.88	0.11	0.53	0.87	0.10	40	7.6	1.1	0.51	0	CT
31	0.86	0.10	0.53	0.90	0.09	40	7.6	1.1	0.51	0	CT
AVG	0.89	0.10	0.53	0.88	0.10	42	7.7	1.1	0.53	0	
MAX	0.93	0.11	0.56	0.98	0.11	45	7.8	1.2	0.55	0	
MIN	0.86	0.09	0.51	0.79	0.09	40	7.6	1.0	0.51	0	



Terrance McGhee
Manager of Water Operations

DU PAGE WATER COMMISSION
WATER SALES ANALYSIS

01-May-92 TO 31-Dec-12

PER DAY AVERAGE 81,096,427

MONTH	SALES TO CUSTOMERS (GALLONS)	PURCHASES FROM CHICAGO (GALLONS)	GALLONS BILLED %	BILLINGS TO CUSTOMERS	BILLINGS FROM CHICAGO	DOCUMENTED WATER USE (2)	DOCUMENTED COMMISSION WATER USE %	TOTAL ACCOUNTED FOR %	DWC OPER. & MAINT. RATE (3)	CHGO RATE
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	\$4,418,625.00	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
TOTALS (1)	612,278,023,798	629,477,443,243	97.27%	\$872,775,345.36	\$830,724,576.28	606,089,666	0.10%	97.36%	\$1.43	\$1.320

(1) - SINCE MAY 1, 1992

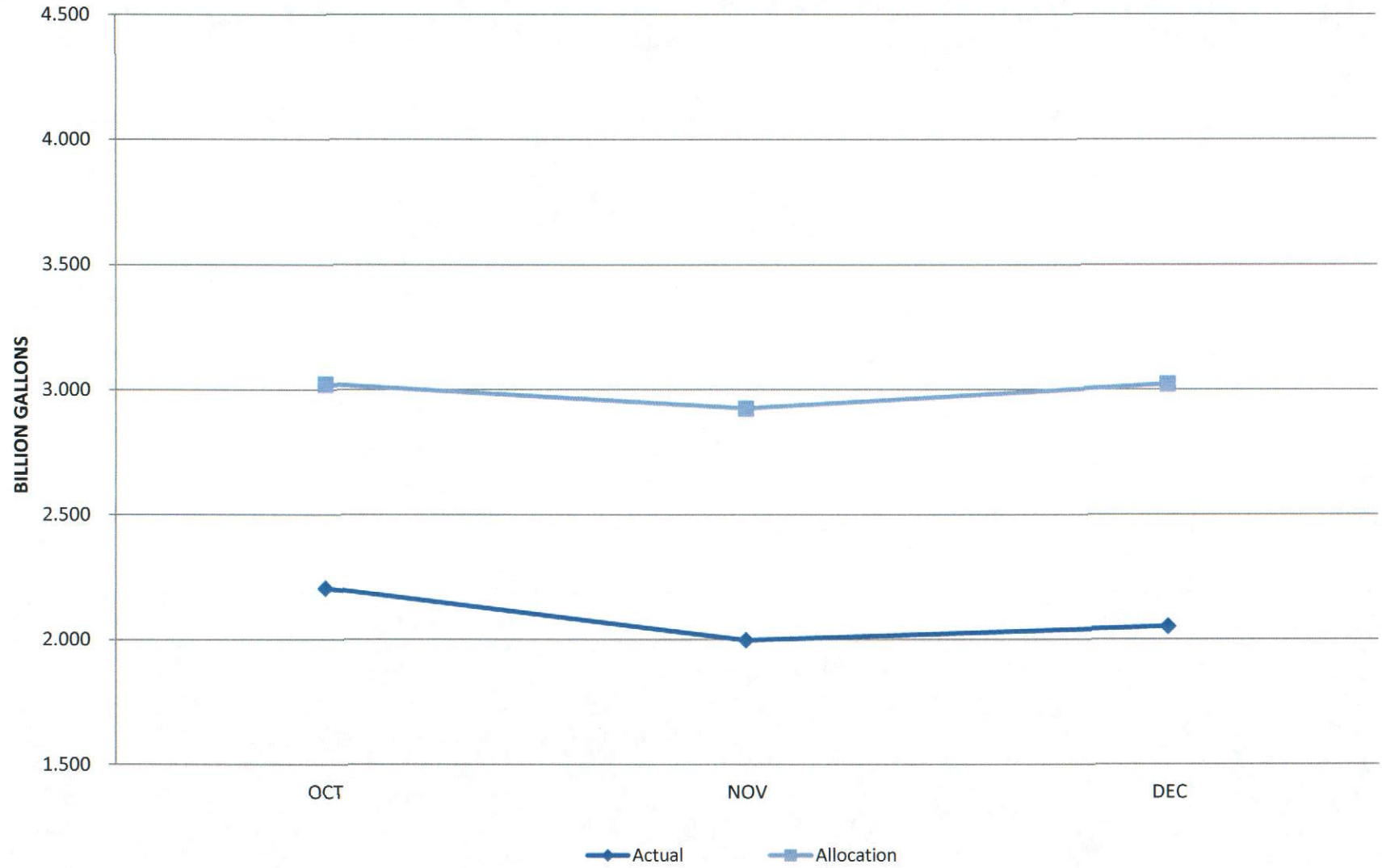
(2) - REPRESENTS DU PAGE PUMP STATION, METER TESTING AND CONSTRUCTION PROJECT USAGE

(3) - DOES NOT INCLUDE FIXED COST PAYMENTS

YTD

Dec-11	19,481,404,398	19,835,012,470	98.22%	\$ 39,741,819	\$ 39,769,200				\$2.04	\$2.005
Dec-12	21,173,529,000	21,663,153,172	97.74%	\$ 57,803,734	\$ 54,309,525				\$2.73	\$2.507
	1,692,124,602	1,828,140,702		\$18,061,915	\$14,540,325					
	8.69%	9.2%		45.4%	36.6%					
Month										
Dec-11	2,046,708,000	2,072,416,459	98.76%	4,175,284	4,155,195				\$2.04	\$2.005
Dec-12	2,051,481,000	2,091,309,334	98.10%	5,600,543	5,242,913				\$2.73	\$2.507
	4,773,000	18,892,875		\$ 1,425,259	\$ 1,087,718					
	0.2%	0.9%		34.3%	26.1%					
Dec>Nov	54,166,000	53,191,065								
	2.1%									

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

