



DuPage Water Commission

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

NOTICE IS HEREBY GIVEN THAT THE RESCHEDULED NOVEMBER 2006 ENGINEERING & CONSTRUCTION COMMITTEE MEETING OF THE DUPAGE WATER COMMISSION WILL BE HELD AT 7:00 P.M. ON THURSDAY, NOVEMBER 9, 2006, AT ITS OFFICES LISTED BELOW. THE AGENDA FOR THE RESCHEDULED NOVEMBER 9, 2006 REGULAR COMMITTEE MEETING IS AS FOLLOWS:

AGENDA

**ENGINEERING & CONSTRUCTION COMMITTEE
THURSDAY, NOVEMBER 9, 2006
7:00P.M.**

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

COMMITTEE MEMBERS

G. Wilcox, Chair
W. Maio
W. Mueller
R. Ferraro

- I. Roll Call
- II. Approval of Committee Meeting Minutes of October 12, 2006

RECOMMENDED MOTION: To approve the Minutes of the October 12, 2006 Committee Meeting of the DuPage Water Commission (Voice Vote).

- III. Report of Status of Construction/Operations
- IV. Review of Engineering Committee Executive Session Meeting Minutes
 - March 20, 2006

RECOMMENDED MOTION: To not release the March 20, 2006 Engineering Committee Executive Session Minutes

- V. Resolution No. R-38-06: A Resolution Directing Advertisement for Bids on a Contract for the Replacement of Valve Stem Risers (Contract VSR-1/06)

RECOMMENDED MOTION: To recommend to the Commission approval of Resolution No. R-38-06: A Resolution Directing Advertisement for Bids on a Contract for the Replacement of Valve Stem Risers (Contract VSR-1/06).

- VI. Resolution No. R-40-06: A Resolution Approving and Ratifying Certain Task Orders under a Master Contract with Consoer Townsend Envirodyne Engineers, Inc. at the November 9, 2006, DuPage Water Commission Meeting

RECOMMENDED MOTION: To recommend to the Commission approval of Resolution No. R-40-06: A Resolution Approving and Ratifying Certain

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.

Task Orders under a Master Contract with Consoer Townsend Envirodyne Engineers, Inc. at the November 9, 2006, DuPage Water Commission Meeting.

- VII. Resolution No. R-41-06: A Resolution Approving and Ratifying Certain Work Authorization Orders under Quick Response Contract QRE-2/04 at the November 9, 2006, DuPage Water Commission Meeting

RECOMMENDED MOTION: To recommend to the Commission approval of Resolution No. R-41-06: A Resolution Approving and Ratifying Certain Work Authorization Orders under Quick Response Contract QRE-2/04 at the November 9, 2006, DuPage Water Commission Meeting.

- VIII. Adjournment

**MINUTES OF A MEETING OF THE
ENGINEERING & CONSTRUCTION COMMITTEE
OF THE DuPAGE WATER COMMISSION
HELD ON THURSDAY, OCTOBER 12, 2006
600 EAST BUTTERFIELD ROAD
ELMHURST, ILLINOIS**

The meeting was called to order at 7:03 P.M.

Committee members in attendance: G. Wilcox, W Mueller, W. Maio, and S. Louis Rathje *ex officio*.

Committee members absent: R. Ferraro

Also in attendance: T. McGhee, E. Kazmierczak, R.C. Bostick, and J. Schori.

Commissioner Mueller moved to approve the Minutes of the August 10, 2006 Engineering Committee. Motion seconded by Commissioner Maio and passed unanimously as follows:

Aye: G. Wilcox, W. Mueller, and W. Maio
Nay: None
Absent: R. Ferraro

The Committee reviewed the memorandum regarding the Status of Operations dated October 6, 2006.

Commissioner Maio moved to recommend to the Commission approval of Resolution No. R-32-06: A Resolution Approving and Ratifying Certain Contract Change Orders at the October 12, 2006, DuPage Water Commission Meeting. Motion seconded by Commissioner Mueller. The motion passed unanimously as follows:

Aye: G. Wilcox, W. Mueller, and W. Maio
Nay: None
Absent: R. Ferraro

Commissioner Maio moved to recommend to the Commission approval of Resolution No. R-34-06: A Resolution Approving and Ratifying Certain Task Orders under a Master Contract with Greely and Hansen at the October 12, 2006, DuPage Water Commission Meeting. Motion seconded by Commissioner Mueller. The motion passed unanimously as follows:

Engineering Meeting Minutes October 12, 2006

Aye: G. Wilcox, W. Mueller, and W. Maio
Nay: None
Absent: R. Ferraro

Commissioner Maio moved to recommend to the Commission approval of Resolution No. R-35-06: A Resolution Approving and Ratifying Certain Task Orders under a Master Contract with Consoer Townsend Envirodyne at the October 12, 2006, DuPage Water Commission Meeting. Motion seconded by Commissioner Mueller. Commissioner Wilcox asked what work would be performed under this Task Order. Staff informed him the work would involve the possible relocation of Commission facilities at 2 locations that may be in conflict with the Illinois State Toll Highway Authority. Commissioner Mueller asked if this work was part of the new open road tolling plaza along I-88. Staff informed him that it was not part of that project. The motion passed unanimously as follows:

Aye: G. Wilcox, W. Mueller, and W. Maio
Nay: None
Absent: R. Ferraro

Commissioner Maio moved to adjourn the meeting at 7:06 P.M. Motion seconded by Commissioner Mueller and unanimously approved by Voice Vote.

All voted aye. Motion carried.



DuPage Water Commission

MEMORANDUM

TO: Robert Martin General Manager

FROM: Terry McGhee *TM* Operations Supervisor
Ed Kazmierczak Pipeline Supervisor
Chris Bostick Facilities Construction Supervisor
John Schori Instrumentation Supervisor
Frank Frelka GIS Coordinator

DATE: November 3, 2006

SUBJECT: Status of Operations

Operations Overview

The Commission's sales for the month of October were a total of 2.292 billion gallons. This represents an average day demand of 73.9 million gallons per day (MGD), which is lower than the October 2005 average day demand of 82.4 MGD. The maximum day demand was 78.9 MGD on October 6, 2006, which is lower than the October 2005 maximum day demand of 90.4 MGD. The minimum day flow was 67.2 MGD. The Commission recorded a total precipitation for the month of October of 5.15 inches compared to 1.28 inches for October 2005. The level of Lake Michigan for October 2006 is 577.4 (Feet IGLD 1985) compared to 577.4 (Feet IGLD 1985) for October of 2005.

Operations Construction Overview

Contract PSD-6 Reservoir Addition

Division B – Cadwell Avenue Re-Alignment: Advertisements for bids will be late fall or early winter in order to schedule work at the beginning of the next construction season.

Contract PSD-7 DPPS Electrical Generation

Staff and CDM are reviewing the VE Study recommendations and an Engineer's report is forthcoming. A discussion of the Engineer's report recommendations is tentatively scheduled for the December Commission meeting.

Lexington Pump Station Electrical Generation Feasibility Study

Staff and Greeley and Hansen are reviewing the VE Study recommendations and an Engineer's report is forthcoming. The Engineer's report will be discussed with the City of Chicago in November. A discussion of the Engineer's report and the City's recommendations is tentatively scheduled for the December Commission meeting.

Tank # 4 Mixing System

The project will be re-bid before the end of the calendar year.

GISGeodatabase Design

Patrick Engineering is approximately 90% complete with the pipeline calibration project. This project's goal is to establish a more precise correspondence between station values in the GIS map, i.e., the pipeline feature class, and real-world pipeline station values. This will be done using known locations along pipelines obtained using GPS to adjust values in GIS.

Pipeline Construction OverviewCONTRACT TIB-1/03 INNER BELT TRANSMISSION MAIN

Contractor is in the process of completing the installation of the corrosion protection and monitoring system.

CONTRACT VSR-1/06 VALVE STEM REPLACEMENT

R-38-06 appears on the agenda as a Resolution Directing Advertising for Bids on a Contract for the Replacement of Valve Stem Risers.

CONTRACT BOV-2/04 90" BLOW OFF VALVE IMPROVEMENTS

Work on the last 4 valves began on October 27. Of the four remaining valves, three will be abandoned and the fourth repaired.

CONTRACT QR-7

Adjustment of a cathodic protection test station handhole located in the ramp from northbound Mannheim Road to eastbound I-290 will begin upon I.D.O.T permit approval.

R-37-06 appears on the Commission agenda as a request to approve a Work Authorization for the repair of a leak in the inlet header piping at Meter Station 11A.

The following are attachments to this memorandum:

1. DuPage Laboratory Bench Sheets for October, 2006
2. Water Sales Analysis 01-May-03 to 31-October-06
3. Chart showing Commission sales versus allocations
4. Chart showing Commission sales versus historical averages

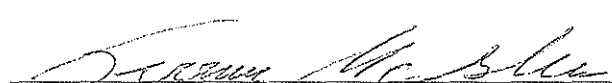
Operations\Memorandums\Status of Operations 061103.doc

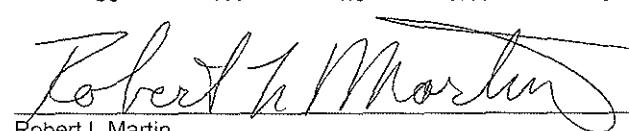
DUPAGE WATER COMMISSION LABORATORY BENCH SHEET
MONTHLY REPORT FOR OCTOBER 2006

LEXINGTON SUPPLY

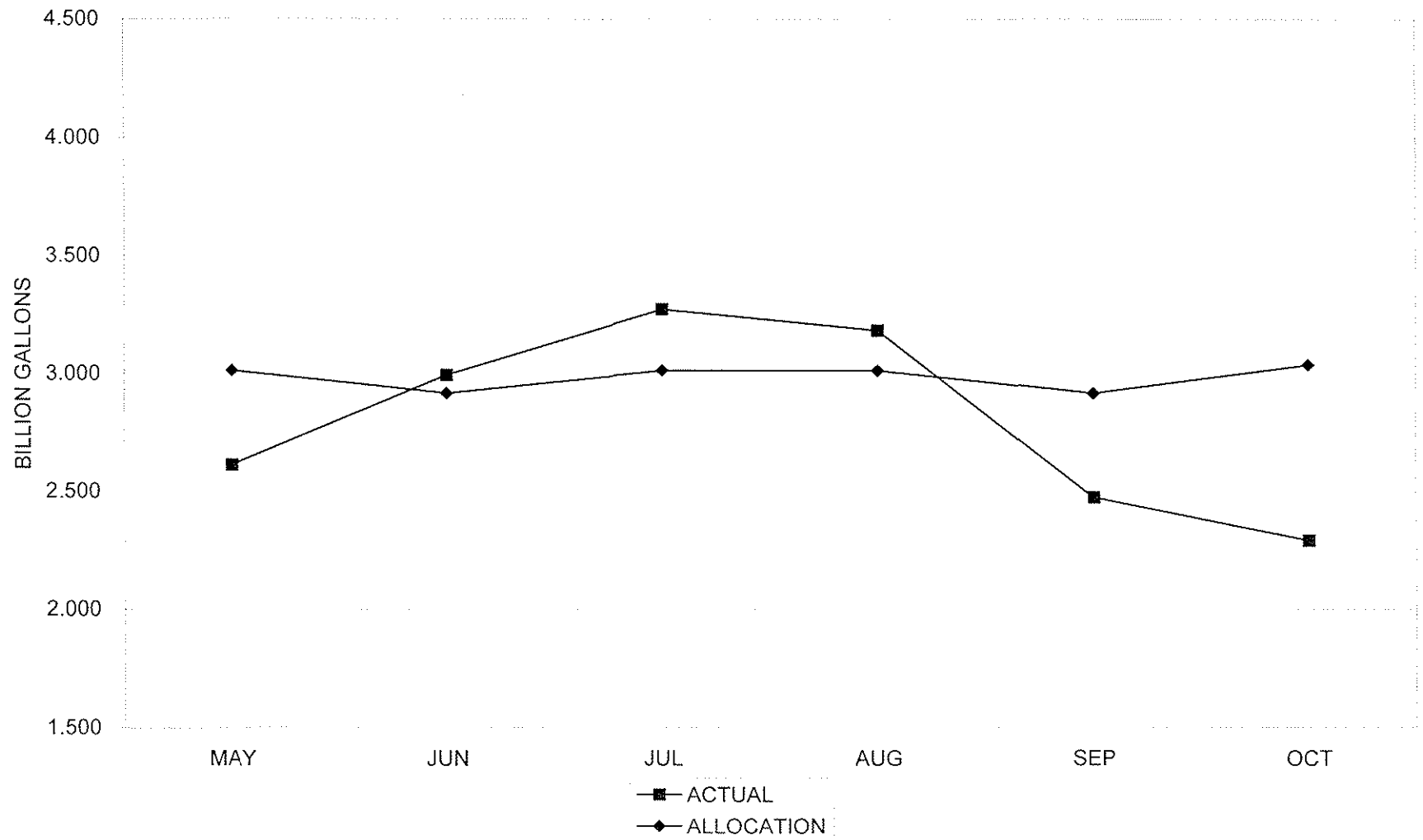
DUPAGE DISCHARGE

| DAY | FREE CL ₂ mg/l | TURBIDITY NTU | PO ₄ mg/l | FREE CL ₂ mg/l | TURBIDITY NTU | TEMP °F | pH | Fluoride mg/l | PO ₄ mg/l | P.A.C. LBS/MG | ANALYST INT |
|-----|------------------------------|------------------|-------------------------|------------------------------|------------------|------------|-----|------------------|-------------------------|------------------|----------------|
| 1 | 0.75 | 0.09 | 0.42 | 0.77 | 0.09 | 67 | 7.7 | 1.1 | 0.43 | 0 | AM |
| 2 | 0.74 | 0.09 | 0.43 | 0.79 | 0.09 | 66 | 7.6 | 1.1 | 0.43 | 0 | MW |
| 3 | 0.73 | 0.09 | 0.41 | 0.81 | 0.07 | 66 | 7.5 | 1.0 | 0.42 | 0 | AM |
| 4 | 0.72 | 0.08 | 0.51 | 0.81 | 0.08 | 66 | 7.6 | 1.1 | 0.42 | 0 | KD |
| 5 | 0.73 | 0.09 | 0.48 | 0.82 | 0.07 | 66 | 7.5 | 1.1 | 0.45 | 0 | KD |
| 6 | 0.76 | 0.09 | 0.47 | 0.81 | 0.08 | 66 | 7.6 | 1.0 | 0.44 | 0 | KD |
| 7 | 0.71 | 0.08 | 0.55 | 0.78 | 0.07 | 68 | 7.5 | 1.0 | 0.42 | 0 | JV |
| 8 | 0.72 | 0.08 | 0.54 | 0.77 | 0.08 | 69 | 7.5 | 1.0 | 0.49 | 0 | JV |
| 9 | 0.72 | 0.08 | 0.41 | 0.83 | 0.08 | 67 | 7.6 | 1.1 | 0.42 | 0 | JV |
| 10 | 0.74 | 0.08 | 0.42 | 0.79 | 0.07 | 66 | 7.6 | 1.0 | 0.49 | 0 | KD |
| 11 | 0.74 | 0.09 | 0.44 | 0.79 | 0.07 | 66 | 7.6 | 1.1 | 0.47 | 0 | KD |
| 12 | 0.74 | 0.09 | 0.46 | 0.78 | 0.08 | 65 | 7.6 | 1.0 | 0.46 | 0 | KD |
| 13 | 0.76 | 0.09 | 0.45 | 0.79 | 0.08 | 65 | 7.7 | 1.0 | 0.49 | 0 | KD |
| 14 | 0.72 | 0.10 | 0.42 | 0.81 | 0.07 | 62 | 7.5 | 1.0 | 0.45 | 0 | KD |
| 15 | 0.72 | 0.10 | 0.44 | 0.81 | 0.08 | 62 | 7.5 | 1.0 | 0.44 | 0 | CT |
| 16 | 0.73 | 0.10 | 0.49 | 0.76 | 0.07 | 66 | 7.4 | 1.1 | 0.42 | 0 | JV |
| 17 | 0.71 | 0.10 | 0.48 | 0.81 | 0.08 | 65 | 7.4 | 1.1 | 0.50 | 0 | JV |
| 18 | 0.74 | 0.10 | 0.49 | 0.78 | 0.07 | 64 | 7.6 | 1.0 | 0.45 | 0 | KD |
| 19 | 0.75 | 0.10 | 0.41 | 0.79 | 0.08 | 62 | 7.6 | 1.1 | 0.42 | 0 | KD |
| 20 | 0.75 | 0.10 | 0.48 | 0.78 | 0.07 | 62 | 7.7 | 1.1 | 0.46 | 0 | KD |
| 21 | 0.72 | 0.10 | 0.45 | 0.78 | 0.08 | 62 | 7.6 | 1.0 | 0.45 | 0 | KD |
| 22 | 0.76 | 0.10 | 0.46 | 0.77 | 0.07 | 62 | 7.7 | 1.1 | 0.46 | 0 | KD |
| 23 | 0.72 | 0.10 | 0.45 | 0.78 | 0.08 | 62 | 7.7 | 1.1 | 0.42 | 0 | CT |
| 24 | 0.73 | 0.08 | 0.41 | 0.76 | 0.07 | 60 | 7.7 | 1.1 | 0.41 | 0 | GA |
| 25 | 0.73 | 0.08 | 0.44 | 0.79 | 0.08 | 60 | 7.6 | 1.1 | 0.41 | 0 | GA |
| 26 | 0.76 | 0.09 | 0.45 | 0.77 | 0.08 | 56 | 7.7 | 1.1 | 0.44 | 0 | GA |
| 27 | 0.75 | 0.08 | 0.49 | 0.79 | 0.08 | 58 | 7.5 | 1.1 | 0.43 | 0 | GA |
| 28 | 0.72 | 0.08 | 0.47 | 0.79 | 0.07 | 56 | 7.7 | 1.1 | 0.45 | 0 | KD |
| 29 | 0.74 | 0.09 | 0.52 | 0.79 | 0.08 | 56 | 7.6 | 1.1 | 0.45 | 0 | KD |
| 30 | 0.72 | 0.09 | 0.51 | 0.78 | 0.07 | 56 | 7.7 | 1.1 | 0.47 | 0 | KD |
| 31 | 0.74 | 0.09 | 0.48 | 0.78 | 0.08 | 59 | 7.7 | 1.1 | 0.41 | 0 | GA |
| AVG | 0.73 | 0.09 | 0.46 | 0.79 | 0.08 | 63 | 7.6 | 1.1 | 0.44 | 0 | |
| MAX | 0.76 | 0.10 | 0.55 | 0.83 | 0.09 | 69 | 7.7 | 1.1 | 0.50 | 0 | |
| MIN | 0.71 | 0.08 | 0.41 | 0.76 | 0.07 | 56 | 7.4 | 1.0 | 0.41 | 0 | |

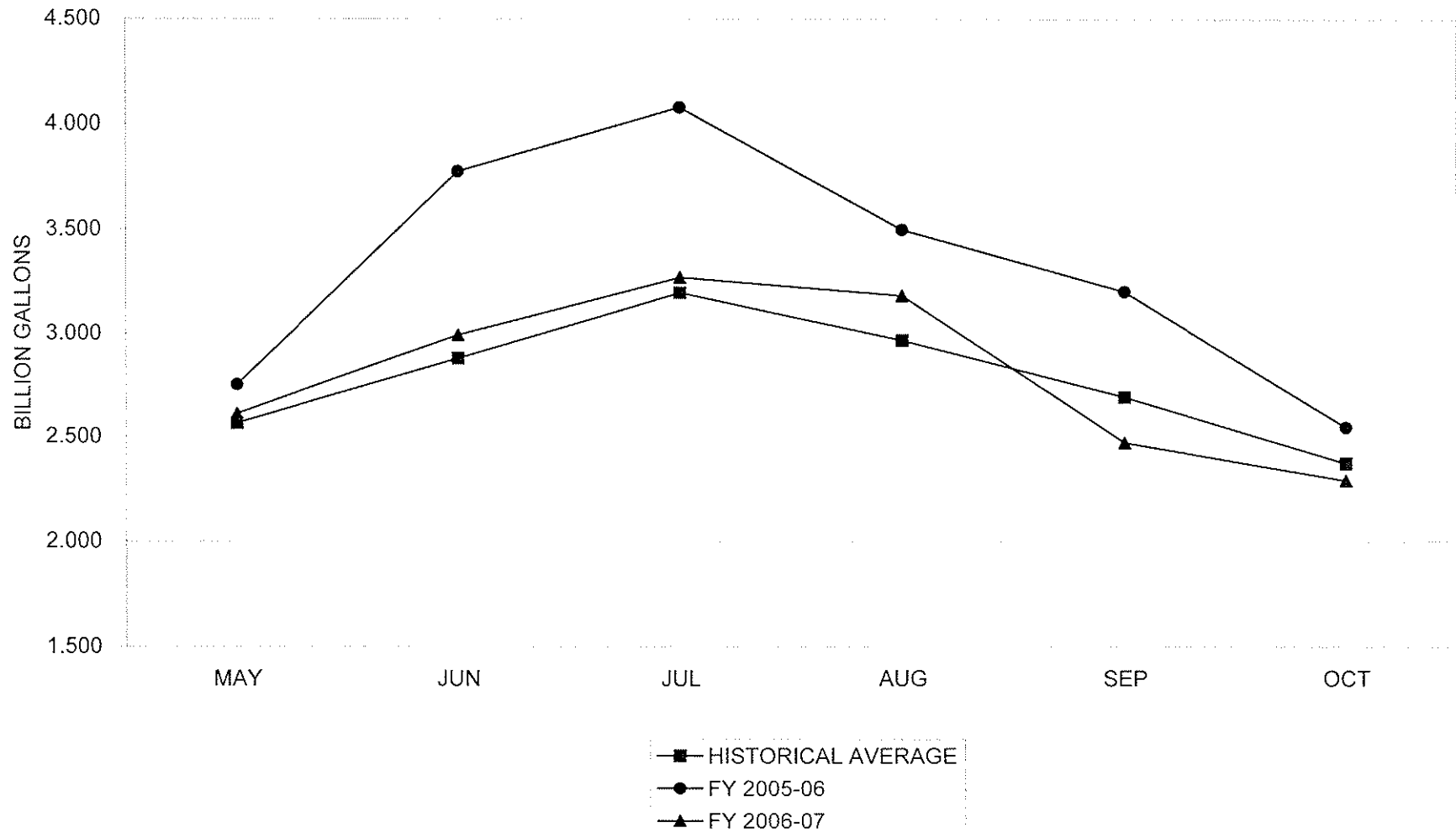

Terrance McGhee
Operations Supervisor


Robert L. Martin
General Manager

**DU PAGE WATER COMMISSION SALES
FY 2006-07 VS. ALLOCATION**



**DU PAGE WATER COMMISSION SALES
FY 2006-07 & FY 2005-06 VS. HISTORICAL AVERAGE**





DuPage Water Commission

MEMORANDUM

TO: Engineering Committee

FROM: Robert L. Martin, P.E.
General Manager

DATE: October 31, 2006

SUBJECT: Engineering Committee Executive Session Minutes

Pursuant to the Illinois Open Meetings Act, the Board and Committees are required to periodically review its closed meeting minutes to determine if they are eligible for release to the public. Staff does not recommend that the meeting minutes of March 20, 2006 be released at this time.