



DuPage Water Commission

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

AGENDA

**ENGINEERING COMMITTEE
THURSDAY, APRIL 14, 2005
6:30 P.M.**

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

COMMITTEE MEMBERS

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

- I. Roll Call
- II. Approval of Minutes for Committee Meeting of March 10, 2005

RECOMMENDED MOTION: To approve the Minutes of the March 10, 2005 Engineering Committee.

- III. Report of Status of Construction/Operations

- IV. Work Authorization Orders

- Work Authorization Order No. 016: Contract QR-6/02 (Quick Response)

RECOMMENDED MOTION: To recommend to the Commission approval of Resolution No. R-20-05 during the Super/Special Omnibus Vote Agenda.

- V. Change Orders

- Change Order No. 16: Contract BOV-1 (Blow Off Valve Repair)

RECOMMENDED MOTION: To recommend to the Commission approval of Resolution No. R-22-05 during the Super/Special Omnibus Vote Agenda.

- VI. Resolution No. R-19-05: A Resolution Approving and Ratifying Certain Task Orders Under a Master Contract with Cathodic Protection Management, Inc. at the April 14, 2005, DuPage Water Commission Meeting

RECOMMENDED MOTION: To recommend to the Commission approval of Resolution No. R-19-05 during the Super/Special Omnibus Vote Agenda.

- VII. Resolution No. R-25-05: A Resolution Approving and Ratifying Certain Task Orders Under a Master Contract with Patrick Engineering, Inc. at the April 14, 2005, DuPage Water Commission Meeting

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.

RECOMMENDED MOTION: To recommend to the Commission approval of Resolution No. R-25-05 during the Super/Special Omnibus Vote Agenda.

- VIII. Resolution No. R-24-05: A Resolution Approving and Authorizing the Execution of an Agreement Between the DuPage Water Commission and the State of Illinois Department of Transportation Regarding US Route 20 (Lake Street) Improvement Project No. C-91-381-01

RECOMMENDED MOTION: To recommend to the Commission approval of Resolution No. R-24-05 during the Omnibus Vote Agenda.

- IX. Partial Pay Request

- Quick Response

- QRE2-001A: Relocate Electrical Service for ROV 26A Control Cabinet
\$2,122.58

RECOMMENDED MOTION: To recommend to the Commission approval of QRE2 progress payments in the total amount of \$2,122.58 as part of the Accounts Payable, subject to submission of all contractually required documentation.

- VI. 75th Street Pipe Storage Facility

RECOMMENDED MOTION: To recommend to the Commission that the design of the 75th Street Pipe Storage Facility be halted and the facility be constructed at the DuPage Pumping Station.

- VII. Elmhurst Restoration Work

RECOMMENDED MOTION: To recommend to the Commission that the General Manager be authorized to enter into an agreement with the City of Elmhurst modifying certain pavement restoration requirements under Contract TIB-1/03 at a cost to the Commission not to exceed \$100,000.

- VIII. Other

- IX. Adjournment

**MINUTES OF A MEETING OF THE
ENGINEERING & CONSTRUCTION COMMITTEE
OF THE DuPAGE WATER COMMISSION
HELD ON MARCH 10, 2005
600 EAST BUTTERFIELD ROAD
ELMHURST, ILLINOIS**

The meeting was called to order at 6:41 P.M.

Committee members in attendance: R. Benson, R. Ferraro, W. Mueller (as of 7:11 P.M.), G. Wilcox, and M. Vondra *Ex Officio* (as of 6:52 P.M.).

Committee members absent: None

Also in attendance: R. Martin, T. McGhee, E. Kazmierczak, C. Bostick, J. Schori and W. Green (AB&H)

Commissioner Ferraro moved to approve the Minutes of the December 9, 2004 Engineering Committee. Motion seconded by Commissioner Benson and passed unanimously as follows:

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

The Committee reviewed the memorandum regarding the Status of Operations dated March 4, 2005.

In regards to the Contract PSD-6 Reservoir Addition, Commissioner Wilcox raised a question about the proposed second amendment to the design contract. Staff informed him that the purpose of the amendment was to divide the project into three separate divisions so that work could proceed on the approved portions of the project.

In regards to the proposed Tank Site # 1 Fencing and Pavement Repair contract, Commissioner Wilcox inquired as to the selection process for sending out RFPs and whether the RFP was advertised. Staff informed Commissioner Wilcox that advertisement was not required by law or Commission regulations and that the contractors were selected based upon the Commission's previous experience with them and their proximity to the project.

In regards to GIS Development, Commissioner Wilcox inquired as to the cost of the new GIS servers that were approved last month. Staff responded that it will provide the cost to Commissioner Wilcox at the next meeting.

Minutes 03/10/05 Engineering Meeting

06:52 P.M. Chairman Vondra entered the Committee meeting.

In regards to Item IV on the agenda, Commissioner Wilcox questioned why the Committee was scheduled to review the 2005-2006 CIP if it was approved at the February 2005 Commission Meeting. Chairman Vondra explained that the review was placed on the agenda at his request, noting his belief that the CIP was not finally approved and his desire for additional discussion about the generators both at the DuPage Pump Station and the Lexington Pump Station. Staff informed the Chairman that the CIP was approved in final but that the CIP is just a plan and that all items in the approved CIP were open for discussion.

Commissioner Wilcox requested that the Committee defer the generator discussion until the end of the meeting.

In regards to Item V on the agenda, Commissioner Wilcox asked whether staff looked into alternative options to this storage site and whether wetland mitigation was addressed during the design of the storage facility. Commissioner Wilcox suggested that this item be tabled until these issues could be explored further.

07:11 P.M. Commissioner Mueller entered the Committee meeting.

Commissioner Ferraro moved to table Resolution R-13-05: A Resolution Directing the Advertisement for Bids on a Contract for the Construction of the 75th Street Pipe Storage Facilities (Contract SS-4/05). Motion seconded by Commissioner Benson and passed as follows:

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

Commissioner Benson moved to recommend to the Commission approval of Resolution R-10-05: A Resolution Approving and Ratifying Certain Work Authorization Orders under Quick Response Electrical Contract QRE-2/04. Motion seconded by Commissioner Ferraro and passed unanimously as follows:

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

Minutes 03/10/05 Engineering Meeting

Commissioner Benson moved to recommend to the Commission approval of Resolution R-16-05: A Resolution Approving and Authorizing the Execution of a Second Amendment to the Contract for Design of Concrete Reservoirs for the DuPage Pump Station. Motion seconded by Commissioner Ferraro and passed unanimously as follows:

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

Commissioner Ferraro moved to recommend to the Commission approval of the following progress payments in the amount of \$217,773.98 as part of the Accounts Payable, subject to submission of all contractually required documentation during the Omnibus Vote Agenda:

A. Quick Response Contracts

- 1) QR6-015A: Repair Leak on 36" Steel Main, 75th Street and Springside, Downers Grove in the amount of \$75,708.00
- 2) QR6-011A: C.P. Station Installation – Various Locations in the amount of \$142,065.98

Motion seconded by Commissioner Benson and passed unanimously as follows:

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

There being no other business before the Committee, Chairman Vondra questioned the validity of the CIP and asked staff as to the status of various Commissioner inquiries regarding portable generators and the City of Chicago's participation in installing generation at the Lexington Station. Chairman Vondra also discussed committee assignments to study further the generation portion of the CIP. Staff responded that the CIP was approved at the February Board meeting, and Commissioners Benson and Ferraro concurred. Staff informed the Chairman that negotiations with the City of Chicago were ongoing. Chairman Vondra asked what type of generators would be installed at the Lexington Pump Station and who would be designing the facility. Commissioner Benson's response to the Chairman was that the City of Chicago would be responsible for all aspects of the generation facility at the Lexington Pump Station, and the Commission would only be involved in the financing of the facility.

Minutes 03/10/05 Engineering Meeting

Commissioner Benson moved to adjourn the meeting at 7:25 P.M. Motion seconded by Commissioner Ferraro and unanimously approved by voice vote.

All voted aye. Motion carried.

BOARD/MINUTES/ENG0503.doc



DuPage Water Commission

MEMORANDUM

TO: Robert Martin General Manager

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

DATE: April 8, 2005

SUBJECT: Status of Operations

Operations Overview

The Commission's sales for the month of March were a total of 2.265 billion gallons. This represents an average day demand of 73.1 million gallons per day (MGD), which is higher than the March 2004 average day demand of 72.5 MGD. The maximum day demand was 76.3 MGD on March 13, 2005, which is higher than the March 2004 maximum day demand of 75.9 MGD. The minimum day flow was 69.9 MGD. The Commission recorded a total precipitation for the month of March of 0.88 inches compared to 3.54 inches for March 2004.

Operations Construction Overview

Contract PSD-6 Reservoir Addition

Consoer Townsend Envirodyne (CTE) is working on the design of Divisions A & B of Contract PSD-6 Reservoir Addition, which include the Vehicle Storage Building, Material Storage structure, Reservoir Hatch Replacement and the Cadwell Ave. Re-Alignment.

Contract PSD-7 DPPS Electrical Generation

The electrical generation project is currently on hold.

Remote Pipe Storage Facility

The remote pipe storage facility is currently on hold. A memo detailing the process used in selecting Tank Site # 4 as the proposed location for the remote

pipe storage facility is included in your agenda materials, as well as staff's recommendation for an alternate location.

Tank Site #1 Fencing and Pavement Repair

The Contract was awarded to Illiana, Inc pursuant to Resolution No. R-15-05, which was adopted March 10, 2005. Construction will begin upon receipt of all required documentation and is scheduled to be completed by April 30, 2005.

GIS Development

The two GIS servers purchased pursuant to Purchase Order No. 8684, which was approved February 10, 2005 in the total amount of \$14,528.42 are operational and the GIS software will be installed the week of the April 18th. Staff has completed the initial software training and will continue to utilize Patrick's expertise in the development of the GIS program. Staff has completed a system map in the new GIS format and will continue to field verify all the points in the waterworks system while building a comprehensive database of all Commission assets.

Pipeline Construction Overview

CONTRACT BOV-1/02 BLOW-OFF VALVE IMPROVEMENTS

All work sites have been restored. The abandonment of one valve is all that remains to be completed under this contract. This valve is located on the Northwest Transmission Main and staff recommends it be abandoned at the same time as the TIB-1 connection to the Northwest Transmission Main is made to avoid multiple shutdowns. As a result of this proposed simultaneous work an extension of time for contract BOV-1 is required. R-22-05 which appears on this month's agenda would approve the necessary contract time extension.

Lost Time Accidents to Date 04/08/05 0 Days

CONTRACT TIB-1/03 INNER BELT TRANSMISSION MAIN

Open cut pipe installation south of Riverside Drive has progressed approximately 4,500 L.F. Tunnel boring north of Riverside Drive has progressed approximately 1,800 L.F. Installation of the Southwest Transmission Main replacement valve, and work on a tee connection to the Southwest Transmission Main began on Monday, April 4. This work is expected to take approximately 2 weeks to complete.

Lost Time Accidents To Date 04/08/05 0 Days

CONTRACT QR-6

Installation of CP test stations necessary for the continued prosecution of the work under Contract CP-3, and previously approved under R-66-04, has resumed. R-20-05, which appears on this month's agenda, would approve another Contract QR-6 Work Authorization for the installation of additional CP test stations necessary for the completion of field work under Contract CP-3.

Lost Time Accidents to Date 04/08/05 0 Days

CONTRACT CP-3 CORROSION IDENTIFICATION AND ASSESSEMENT

Cathodic Protection Management has resumed field work under this contract.

Lost Time Accidents to Date 04/08/05 0 Days

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

AB&H is continuing with project design. Pre-Final plan sets requesting review and comment have been transmitted to the various municipalities and agencies located within the project limits.

CONTRACT TS-6/04 SOUTH TRANSMISSION MAIN—PLAINFIELD ROAD

A pre-construction meeting was held on Tuesday, April 5. Work is expected to begin by late April or early May.

The following are attachments to this memorandum:

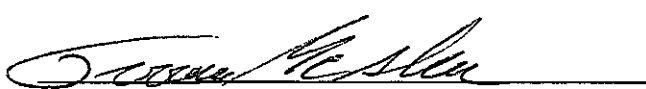
1. DuPage Laboratory Bench Sheet for March, 2005
2. Water Sales Analysis 01-May-01 to 31-March-05
3. Chart showing Commission sales versus allocations
4. Chart showing Commission sales versus historical averages

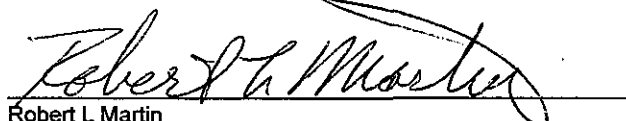
DUPAGE WATER COMMISSION LABORATORY BENCH SHEET
MONTHLY REPORT FOR MARCH 2005

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	0.73	0.10	0.50	0.73	0.08	37	7.3	1.1	0.48	0	MB
2	0.72	0.09	0.48	0.71	0.09	37	7.4	1.1	0.48	0	MB
3	0.74	0.09	0.51	0.72	0.09	37	7.4	1.1	0.47	0	LS
4	0.73	0.09	0.51	0.73	0.09	37	7.4	1.1	0.47	0	LS
5	0.75	0.10	0.49	0.74	0.08	37	7.4	1.2	0.47	0	LS
6	0.72	0.11	0.48	0.75	0.10	37	7.4	1.2	0.49	0	KD
7	0.73	0.10	0.48	0.72	0.10	37	7.4	1.2	0.49	0	KD
8	0.73	0.10	0.49	0.74	0.09	37	7.4	1.1	0.47	0	KD
9	0.74	0.09	0.48	0.71	0.08	37	7.4	1.2	0.47	0	KD
10	0.72	0.11	0.48	0.71	0.09	37	7.4	1.1	0.48	0	JV
11	0.72	0.12	0.45	0.71	0.09	37	7.4	1.2	0.49	0	JV
12	0.75	0.12	0.48	0.72	0.10	37	7.4	1.2	0.50	0	JV
13	0.76	0.11	0.51	0.73	0.10	37	7.4	1.1	0.50	0	JV
14	0.77	0.10	0.50	0.74	0.10	38	7.4	1.1	0.48	0	KD
15	0.75	0.10	0.50	0.75	0.10	38	7.4	1.2	0.40	0	KD
16	0.76	0.10	0.51	0.74	0.10	38	7.4	1.2	0.47	0	KD
17	0.72	0.11	0.48	0.71	0.08	38	7.4	1.0	0.48	0	KD
18	0.74	0.10	0.48	0.74	0.08	38	7.4	1.1	0.49	0	JV
19	0.74	0.11	0.49	0.72	0.09	37	7.4	1.1	0.51	0	JV
20	0.74	0.12	0.49	0.73	0.10	37	7.4	1.1	0.48	0	JV
21	0.76	0.08	0.48	0.75	0.09	37	7.4	1.0	0.48	0	JV
22	0.75	0.10	0.47	0.74	0.10	38	7.4	1.0	0.47	0	KD
23	0.73	0.08	0.45	0.72	0.11	38	7.4	1.0	0.45	0	KD
24	0.75	0.11	0.48	0.74	0.10	38	7.4	1.1	0.45	0	KD
25	0.77	0.11	0.50	0.75	0.08	38	7.4	1.1	0.46	0	KD
26	0.74	0.11	0.50	0.71	0.08	37	7.4	1.1	0.48	0	JV
27	0.75	0.11	0.52	0.72	0.08	38	7.4	1.1	0.49	0	JV
28	0.75	0.12	0.51	0.73	0.08	39	7.4	1.1	0.51	0	JV
29	0.72	0.09	0.52	0.72	0.10	40	7.4	1.1	0.45	0	JV
30	0.72	0.09	0.52	0.72	0.10	40	7.4	1.0	0.46	0	KD
31	0.74	0.10	0.51	0.73	0.10	40	7.4	1.1	0.47	0	KD
AVG	0.74	0.10	0.49	0.73	0.09	38	7.4	1.1	0.48	0	
MAX	0.77	0.12	0.52	0.75	0.11	40	7.4	1.2	0.51	0	
MIN	0.72	0.08	0.45	0.71	0.08	37	7.3	1.0	0.40	0	


Terrance McGhee
Operations Supervisor


Robert L. Martin
General Manager

DU PAGE WATER COMMISSION
WATER SALES ANALYSIS

01-May-92 TO 31-Mar-05

PER DAY AVERAGE 80,931,802

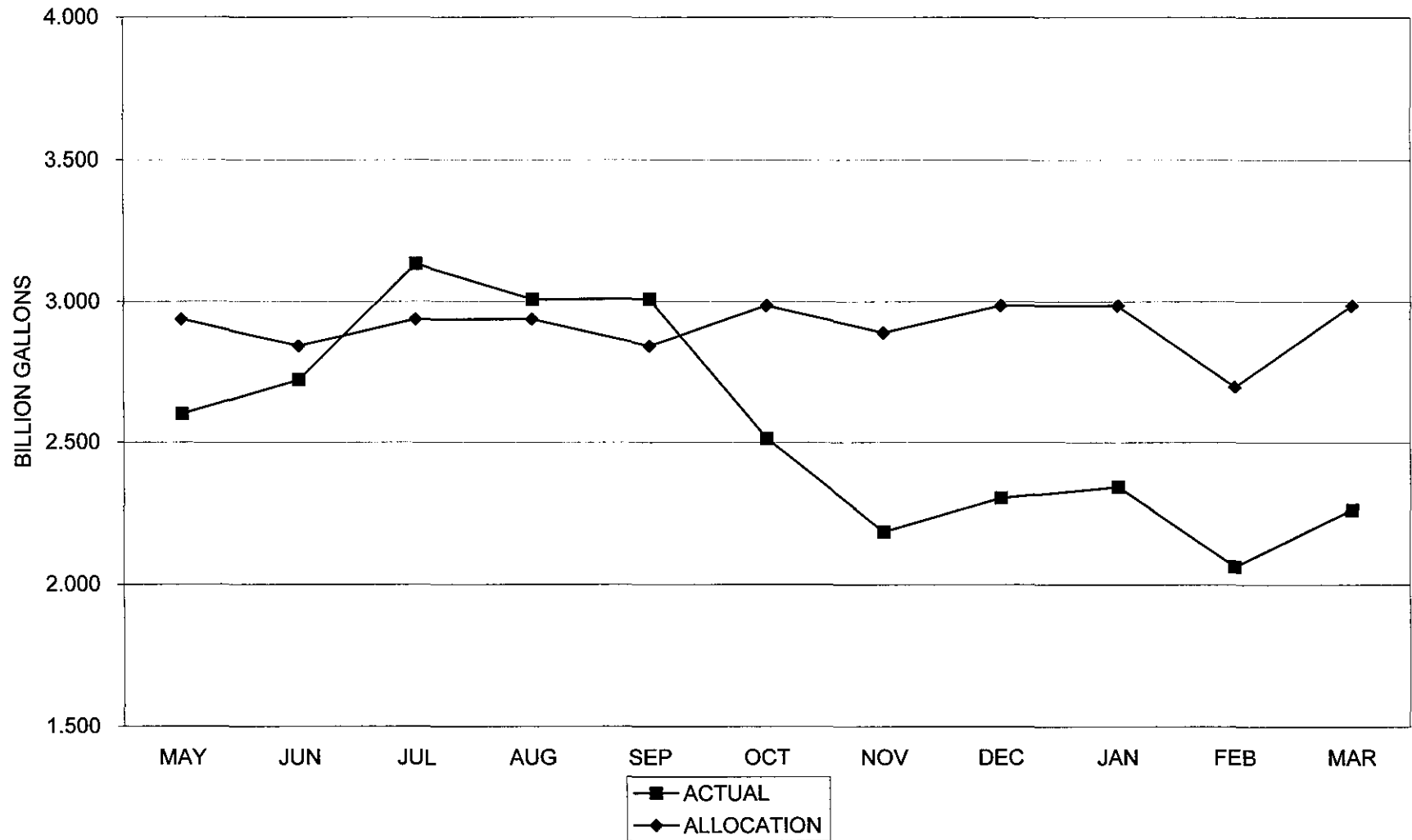
MONTH	SALES TO CUSTOMERS (GALLONS)	PURCHASES FROM CHICAGO (GALLONS)	GALLONS BILLED %	BILLINGS TO CUSTOMERS	BILLINGS FROM CHICAGO	DOCUMENTED COMMISSION WATER USE (2)	DOCUMENTED COMMISSION WATER USE %	TOTAL ACCOUNTED FOR %
May-03	2,622,301,000	2,711,004,309	98.73%	\$3,619,032.96	\$3,315,558.27	3,119,550	0.12%	96.84%
Jun-03	3,031,274,000	3,129,263,410	96.87%	\$4,183,476.12	\$3,827,089.15	9,583,535	0.31%	97.17%
Jul-03	3,114,181,000	3,213,079,828	96.92%	\$4,297,569.78	\$3,929,596.63	3,414,287	0.11%	97.03%
Aug-03	3,137,669,000	3,237,477,343	96.92%	\$4,330,318.18	\$3,959,434.79	6,589,500	0.20%	97.12%
Sep-03	2,775,903,000	2,842,321,431	97.66%	\$3,830,750.38	\$3,476,159.11	1,081,000	0.04%	97.70%
Oct-03	2,463,017,000	2,531,079,199	97.31%	\$3,361,577.64	\$3,095,509.86	1,199,100	0.05%	97.36%
Nov-03	2,220,837,000	2,263,237,760	98.13%	\$3,110,603.92	\$2,767,939.78	1,004,600	0.04%	98.17%
Dec-03	2,302,995,000	2,357,446,124	97.69%	\$3,178,138.40	\$2,883,156.61	785,500	0.03%	97.72%
Jan-04	2,353,099,000	2,415,231,136	97.43%	\$3,247,276.62	\$3,040,776.00	999,500	0.04%	97.47%
Feb-04	2,205,542,000	2,253,789,245	97.86%	\$3,043,647.96	\$2,837,520.66	799,100	0.04%	97.89%
Mar-04	2,240,813,000	2,290,496,569	97.83%	\$3,092,321.94	\$2,883,735.18	883,800	0.04%	97.87%
Apr-04	2,331,090,000	2,380,618,809	97.92%	\$3,218,939.40	\$2,997,199.08	875,000	0.04%	97.96%
May-04	2,600,130,000	2,676,783,908	97.14%	\$3,718,185.90	\$3,370,070.94	1,031,900	0.04%	97.17%
Jun-04	2,721,721,000	2,789,008,356	97.59%	\$3,892,371.69	\$3,511,361.52	1,285,000	0.05%	97.63%
Jul-04	3,133,397,000	3,223,301,033	97.21%	\$4,480,757.71	\$4,058,136.00	4,645,300	0.14%	97.35%
Aug-04	3,007,144,000	3,085,674,758	97.45%	\$4,301,191.02	\$3,884,864.52	1,430,100	0.05%	97.50%
Sep-04	3,009,009,000	3,091,578,157	97.33%	\$4,302,882.87	\$3,892,296.90	1,325,300	0.04%	97.37%
Oct-04	2,514,175,000	2,570,762,145	97.80%	\$3,615,487.65	\$3,236,589.54	947,600	0.04%	97.84%
Nov-04	2,184,341,000	2,240,388,753	97.50%	\$3,123,607.63	\$2,820,649.44	896,100	0.04%	97.54%
Dec-04	2,303,926,000	2,355,411,517	97.81%	\$3,294,614.18	\$2,965,463.10	993,900	0.04%	97.86%
Jan-05	2,343,046,000	2,403,180,116	97.50%	\$3,350,555.78	\$3,119,327.79	1,053,800	0.04%	97.54%
Feb-05	2,062,639,000	2,109,867,797	97.76%	\$2,949,573.77	\$2,738,608.40	1,012,630	0.05%	97.81%
Mar-05	2,262,071,000	2,317,877,242	97.59%	\$3,234,761.53	\$3,008,604.66	2,053,364	0.09%	97.68%
TOTALS (1)	381,836,240,000	393,251,689,769	97.10%	\$513,237,832.21	\$425,372,986.96	287,482,385	0.07%	97.17%

(1) - SINCE MAY 1, 1992

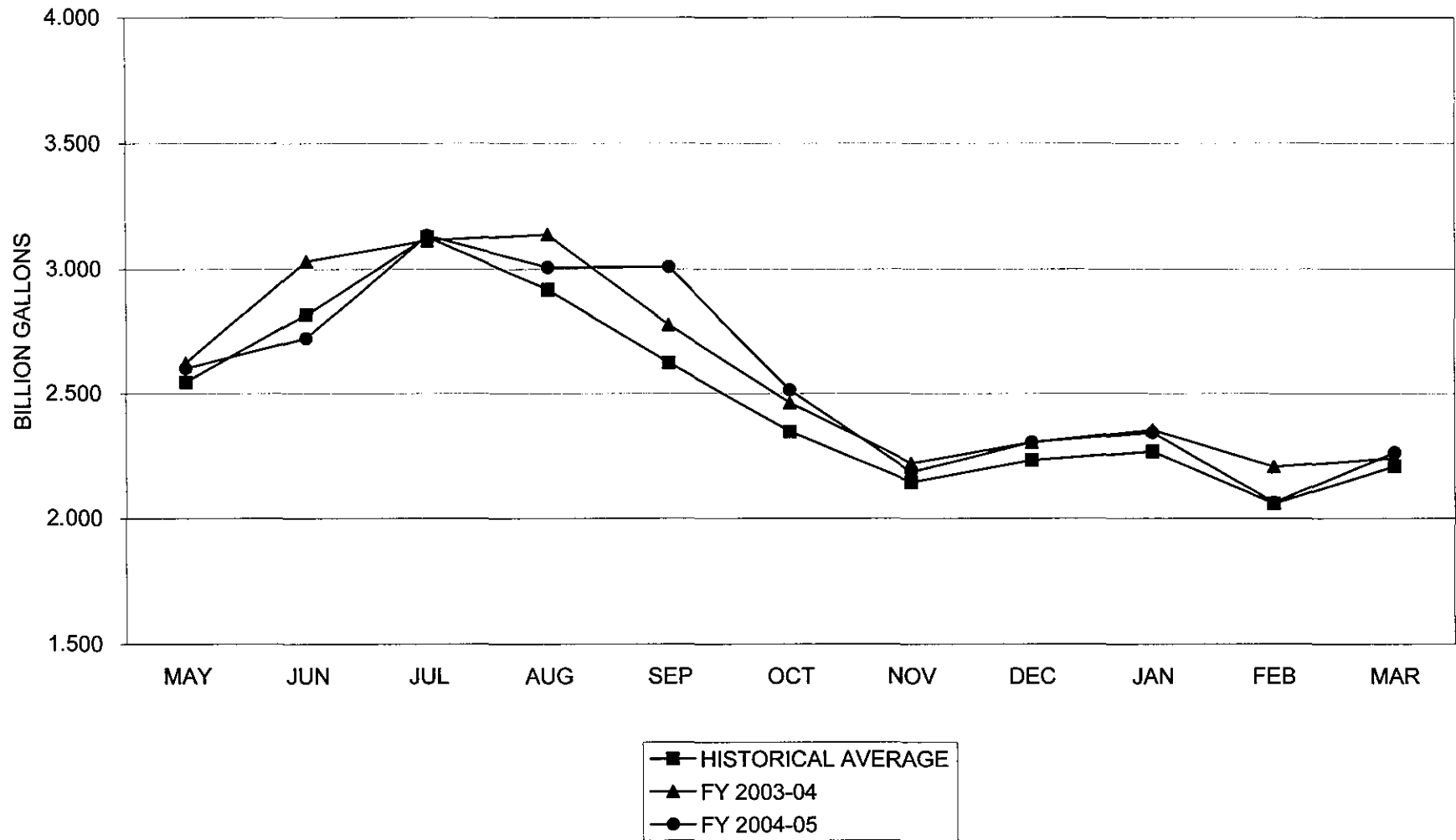
(2) - REPRESENTS DU PAGE PUMP STATION, METER TESTING AND CONSTRUCTION PROJECT USAGE

Operations\Spreadsheets\H2OSALES.xls

**DU PAGE WATER COMMISSION SALES
FY 2004-05 VS. ALLOCATION**



**DU PAGE WATER COMMISSION SALES
FY 2004-05 & FY 2003-04 VS. HISTORICAL AVERAGE**



CHANGE ORDER

DuPAGE WATER COMMISSION

SHEET 1 OF 3

PROJECT NAME: Blow-Off Valve Improvements

CHANGE ORDER NO. 16

LOCATION: DuPage County

CONTRACT NO. BOV-1/02

CONTRACTOR: Rossi Contractors, Inc.

DATE: March 31, 2005

I. A. DESCRIPTION OF CHANGES INVOLVED:

Contract Time extension.

B. REASON FOR CHANGE:

This change order would provide for an extension of Contract Time allowing the abandonment of the last remaining blow off to take place at the same time the TIB-1 connection to the Northwest Transmission Main is made.

The blow off valve to be abandoned is located on the Northwest Transmission Main and is to be abandoned by means of a plate welded from the inside of the 72" transmission main over the blow off valve outlet. This valve is located within the same section of main that requires isolation and dewatering in order to make the connection between the TIB-1 Inner Belt Transmission main and the Northwest Transmission Main. Because both of these operations require isolating and dewatering the same section of main, staff recommends abandoning the remaining BOV-1 valve at the same time as the TIB-1 connection is made. Performing both operations concurrently will eliminate multiple shut-downs and associated costs and disruption to the system.

C. REVISION IN CONTRACT PRICE:

None.

II. CHANGE ORDER CONDITIONS:

1. The Completion Date established in the Original Contract or as modified by previous Change Orders is hereby extended by 180 calendar days, making the final completion date October 24, 2005.
2. Any additional work to be performed under this Change Order shall be carried out in compliance with the specifications included in the preceding Description of Changes Involved, with the Supplemental Contract Drawings designated as Blow Off Valve Improvements, and under the provisions of the Original Contract, including compliance with applicable Equipment Specifications, General Specifications, and Project Specifications for the same type of work.
3. This Change Order unless otherwise provided herein does not relieve the contractor from strict compliance with the guarantee provisions of the Original Contract, particularly those pertaining to performance and operation of equipment.
4. The Contractor expressly agrees he will place under coverage of his Performance and Payment Bonds and Contractor's Insurance all work covered by this Change Order. The Contractor will furnish to the Owner evidence of increased coverage of his Performance and Payment Bonds for the accrued value of all Change Orders, which exceeds the Original Contract Price by twenty percent (20%).

III. ADJUSTMENTS IN CONTRACT PRICE:

1.	Original Contract Price	\$ <u>7,812,435.00</u>
2.	Net change due to all previous Change Orders Nos. 1 through 15	\$ <u>(75,450.97)</u>
3.	Contract Price, not including this Change Order	\$ <u>7,736,984.03</u>
4.	Addition to Contract Price due to this Change Order	\$ <u>0.00</u>
5.	Contract Price including this Change Order	\$ <u>7,736,984.03</u>

RECOMMENDED FOR ACCEPTANCE:

PROJECT COORDINATOR: _____ ()
Date

ACCEPTED:

CONTRACTOR: Rossi Contractors, Inc.

By: _____ ()
Signature of Authorized Representative Date

DUPAGE WATER COMMISSION:

By: _____ ()
Robert L. Martin Date
General Manager

DU PAGE WATER COMMISSION

RELOCATE ELECTRICAL SERVICE FOR ROV 26A CONTROL CABINET (QRE2-001A)

ACCT. # 60-600-35

U.S. ELECTRIC

470 EAST ROOSEVELT ROAD

LOMBARD, IL 60148

	02/17/05 02/24/05	HOURS UNITS	RATE	EXTENTION	FEE	AMOUNT
LABOR						
ELEC. AREA SUPER G.F. (C. SLADEK)	4.00	4.00	64.56	258.24		
ELEC. FOREMAN (M. ANDERSON)	8.00	8.00	58.17	465.36		
ELEC. FOREMAN - OT (M. ANDERSON)	1.50	1.50	87.05	130.58		
ELECTRICIAN (J. JAMES)	8.00	8.00	52.92	423.36		
ELECTRICIAN - OT (J. JAMES)	1.50	1.50	79.18	118.77		
				<u>1,396.31</u>	38.00%	1,926.91
SUPPLIES						
DAILY WORK REPORT	55.24			55.24		
				<u>55.24</u>	13.00%	62.42
EQUIPMENT						
1998, E250, VAN	13.50	13.50	9.40	126.90		
				<u>126.90</u>	5.00%	133.25
						<u>2,122.58</u>


CONFIRMED
BY: fw2 DATE: 3/17/05
ACCT #: 60-600-35 TOT: 2,122.58
ATT: [Signature]



DuPage Water Commission

MEMORANDUM

TO: Chairman Vondra and Commissioners

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

DATE: April 5, 2005

SUBJECT: 75th Street Pipe Storage Facility

Attached is a memorandum prepared by Chris Bostick, Facilities Construction Supervisor, which provides historical perspective on the selection of the 75th Street tank site for the pipe storage facility.

We recently learned from Commissioner Wilcox the County's assessment of the time (in excess of one year) and expense (greater than \$400,000) involved in complying with the requirements of the County's Stormwater & Flood Plain Ordinance for a pipe storage facility at the 75th Street tank site. Though the Staff Attorney does not believe the Commission is subject to the County's Ordinance, the State's Attorney has a different position on this matter. To minimize delays and extra costs, whether associated with ordinance compliance or litigation, it is my recommendation that the pipe storage facility be constructed on the DuPage Pumping Station site and be incorporated into the equipment and material storage facilities project.



DuPage Water Commission MEMORANDUM

TO: Robert L. Martin
General Manager

FROM: Chris Bostick
Facilities Construction Supervisor *CB*

DATE: March 28, 2005

SUBJECT: 75th Street Pipe Storage Facility – Site Selection

As requested, this memorandum describes how Staff chose to pursue Tank Site #4 as the location of the remote pipe storage facility.

During the Summer of 2003, Staff was directed to proceed with the evaluation and design of the reservoir and generator projects at the DuPage Pumping Station. At that time Staff stated that the generator facilities were a higher priority and recommended that the reservoir project be delayed until the construction of the generator facilities was under way because of space limitations. The Engineering Committee disagreed with this recommendation and wanted both projects performed simultaneously.

In December 2003, DWC was in the process of concurrent studies being performed for the proposed reservoir, electrical generation facilities and comprehensive site use at the DuPage Pumping Station. At the kick-off meeting with Camp Dresser & McKee (CDM) held on December 5th, DWC staff indicated a preference to locate the generation facility in the Service Yard with alternatives being between the pump station and existing reservoirs and also at the new reservoir site. On December 10th, a kick-off meeting with Consoer Townsend Envirodyne (CTE) was held where the same information was relayed to CTE. CTE was directed to incorporate pipe storage and gasoline dispensing facilities into the reservoir design to allow space for the generation facility in the Service Yard. In addition to the pipe storage and gasoline facilities, equipment and material storage facilities were to be incorporated into the study.

In January 2004, CTE issued a Reservoir Draft Final Report with exhibits showing proposed facility layout. After review of the report, DWC Staff concurred that the available space was limited and the site use criteria ranked in importance were: reservoir water storage, equipment and material storage, pipe storage, and

Robert L. Martin
75th Street Pipe Storage

March 28, 2005

then gasoline dispensing. As a result, Staff determined that remote pipe storage and a fuel fleet card system would be studied.

DWC Staff discussed utilizing DWC owned property at all existing tank sites. Staff agreed that Tank Site #4, due to the amount of available property, would be the most suitable location of the four sites. CTE included the use of Tank Site #4 in their final report date March 22, 2004.

On May 13, 2004, DWC passed a resolution, which included the Master Engineering Agreement with CTE and subsequent Task Order #1 which authorized design of the facility at Tank Site #4.

In regard to the alternative site, Staff did not give serious consideration to leasing space due to: inconsistency in renting property when DWC owns ample property; loss of custody & control of material integrity should the pipe be stored at a third-party's construction yard; health aspects should the pipe be contaminated during the third-party's yard operations. In addition Staff did not seriously consider utilizing a manufacturer's facility due to previously stated reasons as well as the nearest steel pipe manufacturer being located in West Virginia, USA. Staff did not consider approaching a manufacturer of a competing pipe material being in a closer facility, i.e. Price Brothers Company (formerly Cretex Concrete) in South Beloit, IL.

Construction/SS-4 75th Street Pipe Storage Facility/memorandums/cb032805mem.doc