



# DuPage Water Commission

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

(630)834-0100 Fax: (630)834-0120

**CELEBRATING 15 YEARS OF WATER SERVICE**

## AGENDA

### **ENGINEERING & CONSTRUCTION COMMITTEE**

**THURSDAY, SEPTEMBER 13, 2007**

**7:00 P.M.**

**600 EAST BUTTERFIELD ROAD**

**ELMHURST, IL 60126**

## COMMITTEE MEMBERS

G. Wilcox, Chair

F. Saverino

W. Maio

W. Mueller

I. Roll Call

II. Approval of Committee Meeting Minutes of August 9, 2007

**RECOMMENDED MOTION: To approve the Minutes of the August 9, 2007 Committee Meeting of the DuPage Water Commission.**

III. Report of Status of Construction/Operations

IV. Partial Pay Request

A. Quick Response Contract

1. Exploratory Excavation – DPPS Elmhurst (QR7-011A) **\$27,172.26**

2. Blow Off Valve Repair – I-88 & Naperville Rd – Unincorporated Naperville **\$17,020.79**

**RECOMMENDED MOTION: The Engineering Committee recommends to the Commission approval of payments in the amount of \$44,139.05 as part of the accounts payable, subject to submission of all contractually required documentation.**

V. Resolution No. R-53-07: A Resolution Approving and Authorizing the Execution of a Standard Form of Agreement between the DuPage Water Commission and Tank Industry Consultants, Inc. for Professional Services in Connection with the Evaluation of Fall Protection Systems at Five Commission Standpipes

**RECOMMENDED MOTION: The Engineering Committee recommends to the Commission approval of Resolution No. R-53-07: A Resolution Approving and Authorizing the Execution of a Standard Form of Agreement between the DuPage Water Commission and Tank Industry Consultants, Inc. for Professional Services in Connection with the Evaluation of Fall Protection Systems at Five Commission Standpipes.**

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.

- VI. Resolution No. R-54-07: A Resolution Approving and Ratifying Certain Contract Change Orders at the September 13, 2007, DuPage Water Commission Meeting

**RECOMMENDED MOTION:** The Engineering Committee recommends to the Commission approval of Resolution No. R-54-07: A Resolution Approving and Ratifying Certain Contract Change Orders at the September 13, 2007, DuPage Water Commission Meeting.

- VII. Resolution No. R-57-07: A Resolution Awarding a Contract for Supply of Engine Generator Units

**RECOMMENDED MOTION:** The Engineering Committee recommends to the Commission approval of Resolution No. R-57-07: A Resolution Awarding a Contract for Supply of Engine Generator Units.

- VIII. Adjournment

**MINUTES OF A MEETING OF THE  
ENGINEERING & CONSTRUCTION COMMITTEE  
OF THE DuPAGE WATER COMMISSION  
HELD ON THURSDAY, AUGUST 9, 2007  
600 EAST BUTTERFIELD ROAD  
ELMHURST, ILLINOIS**

The meeting was called to order at 7:01 P.M.

Committee members in attendance: F. Saverino, W. Maio, and S. Louis Rathje *ex officio*.

Committee members absent: G. Wilcox and W. Mueller

Also in attendance: T. McGhee, E. Kazmierczak, R.C. Bostick, and F. Frelka.

Commissioner Saverino moved to approve the Minutes of the July 12, 2007 Engineering Committee. Motion seconded by Commissioner Maio and passed unanimously as follows:

Aye: W. Maio and F. Saverino  
Nay: None  
Absent: G. Wilcox and W. Mueller

The Committee reviewed the memorandum regarding the Status of Operations dated August 3, 2007.

Commissioner Maio moved to recommend to the Commission approval of quick response progress payments in the total amount of \$7,130.72 as part of the accounts payable, subject to submission of all contractually required documentation.

Quick Response Contracts

- QR7-009A: Remove & Reinstall Frame & Grate on Air Release Valve – Darien **\$2,308.78**
- QR7-013A: Exploratory Excavation – Naperville Rd **\$4,821.94**

Motion seconded by Commissioner Saverino and passed unanimously as follows:

Aye: W. Maio and F. Saverino  
Nay: None  
Absent: G. Wilcox and W. Mueller

Commissioner Maio moved to recommend to the Commission approval of Ordinance No. O-9-07: An Ordinance Approving and Authorizing the Execution of a First Amendment to the Intergovernmental Agreement Concerning the Construction and Operation of Certain Connection Facilities by and between the DuPage Water Commission and the Village of Winfield and Requesting the Intergovernmental Transfer of Easement Rights for the Winfield Metering Station MS-27B Site and Authorizing the Execution of the Winfield Metering Station Easement Agreement. Motion seconded by Commissioner Saverino and passed unanimously as follows:

Aye: W. Maio and F. Saverino  
Nay: None  
Absent: G. Wilcox and W. Mueller

Commissioner Maio moved to recommend to the Commission approval of Resolution No. R-49-07: A Resolution Approving and Ratifying Certain Work Authorization Orders Under Quick Response Contract QR-7/05 at the August 9, 2007, DuPage Water Commission Meeting. Motion seconded by Commissioner Saverino and passed unanimously as follows:

Aye: W. Maio and F. Saverino  
Nay: None  
Absent: G. Wilcox and W. Mueller

Commissioner Maio moved to recommend to the Commission approval of Resolution No. R-50-07: A Resolution Approving a First Amendment to Task Order No. 10 under the Master Contract with Consoer Townsend Envirodyne Engineers, Inc. Motion seconded by Commissioner Saverino and passed unanimously as follows:

Aye: W. Maio and F. Saverino  
Nay: None  
Absent: G. Wilcox and W. Mueller

Commissioner Saverino moved to recommend to the Commission approval of Resolution No. R-51-07: A Resolution Approving and Ratifying Certain Task Orders Under a Master Contract with EN Engineering, LLC at the August 9, 2007, DuPage Water Commission Meeting. Motion seconded by Commissioner Maio and passed unanimously as follows:

Aye: W. Maio and F. Saverino  
Nay: None  
Absent: G. Wilcox and W. Mueller

Commissioner Maio moved to adjourn the meeting at 7:05 P.M. Motion seconded by Commissioner Saverino and unanimously approved by a Voice Vote.

All voted aye. Motion carried.



# DuPage Water Commission

## MEMORANDUM

TO: Robert Martin General Manager

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

DATE: September 7, 2007

SUBJECT: Status of Operations

### Operations Overview

The Commission's sales for the month of August were a total of 2.888 billion gallons. This represents an average day demand of 93.2 million gallons per day (MGD), which is lower than the August 2006 average day demand of 102.9 MGD. The maximum day demand was 129.4 MGD on August 2, 2007, which is lower than the August 2006 maximum day demand of 130.4 MGD. The minimum day flow was 79.6 MGD. The Commission's recorded total precipitation for the month of August of 8.08 inches compared to 3.78 inches for August 2006. The level of Lake Michigan for August 2007 is 577.4 (Feet IGLD 1985) compared to 577.9 (Feet IGLD 1985) for August of 2006.

### Construction Overview

#### Contract PSD-6 Reservoir Addition - Division B – Cadwell Avenue Re-Alignment:

The storm sewers, drainage, sub-base work, curb and gutter work for the relocated roadway is complete. In performing the sub-base work for the relocated roadway, the Contractor encountered an inordinate amount of unstable organic material (black dirt). In order to stabilize the road base, the Contractor needed to remove and replace this organic material with CA-1 aggregate for which there was no Unit Price established. Change Order #1 would add a Unit Price Item (C.O. #1), Unit Price (\$22.90/ton), and approximate number of units (3,000 tons) to the Schedule of Prices for furnishing and installing CA-1 aggregate. In addition, because similar organic material of unusual quantity was also unexpectedly found during the excavation and grading work for the storage pad in proximity to where residential foundations were removed and backfilled under previous demolition contracts, the cost of this atypical remedial work will be reflected in the next pay request under existing excavation and the newly-

created CA-1 aggregate unit Other site condition remedial work will appear as a change order on the October DWC agenda. The completion date remains as November 15, 2007.

#### Contract PSD-7 DPPS Electrical Generation

The Generator Procurement bid opening was held on August 23, 2007. The Commission received three (3) bids:

	Base Bid
Storage Battery Systems, Inc. (Kohler Engine Generators)	\$5,751,990.34
Inland Detroit Diesel – Allison (Detroit Diesel Engine Generators)	\$5,753,000.00 (\$1,009.66 above low bid)
Patten Industries, Inc. (Caterpillar Engine Generators)	\$6,417,608.00 (\$665,617.66 above low bid)

All bids were evaluated for compliance with the contractual and technical requirements for both the DuPage and Lexington Pump Stations. The bids of Storage Battery Systems, Inc. and Inland Detroit Diesel-Allison do not meet critical technical specifications and, in the case of Inland Detroit Diesel-Allison, does not meet critical contractual requirements. Even though the bid of Patten Industries also failed to meet all of the technical specifications, the deviations were comparatively minor and non-critical. The Engineer's recommendation is to award the contract to Patten Industries, Inc. Resolution R-57-07 appears on the agenda suspending the purchasing procedures of the Commission's By-Laws and awarding the contract to Patten Industries, excluding the Adjustment in Base Bid work.

The generator facility design is underway, with 100% design expected in January 2008. The DPPS project has been registered for LEED and the design and construction methods will be incorporated into the 60% design documents along with the results of the site security and space needs assessments.

We continue experiencing electrical design delays due to ComEd not assigning a project manager for the utility related work. Other design disciplines remain on track.

#### Contract PSC-4 Lexington Pump Station Electrical Generation / Photovoltaic Cells / Variable Frequency Drives

The Engineer has provided 60% design documents for generation facilities (Division A) and variable frequency drive work (Division B) and also has submitted 80% design documents for the photovoltaic system (Division C). Commission Staff is reviewing these documents. 100% design documents for the Division A & B work are expected in January 2008 with the 100% design documents for the Division C design expected in November 2007.

the Division A & B work are expected in January 2008 with the 100% design documents for the Division C design expected in November 2007.

#### Contract SS-5/07 Hydrodynamic Mixing System at Tank Site 4 East

The contract was awarded to Horizon Bros. Painting Corporation. The completion date is September 29, 2007. There is a concern that the Contractor will not be meeting the completion date due to outstanding insurance and shop drawing submittal requirements.

#### Winfield Additional Connection

The Commission is waiting on executed copies of the Intergovernmental Agreements from the Village of Winfield and also the required deposits before beginning the design work.

#### Access Driveway at Tank Site #1 Roselle

The driveway work is complete.

### **GIS**

#### Datastream 7i GIS Integration

Preliminary work to prepare for the Datastream 7i and GIS integration is underway with the addition of data fields and development of parent-child relationships within Datastream to enable linking between the two programs. GIS integration is scheduled for Phase IV of the project later in the year.

#### GIS Data Layers

Numerous corrosion control data layers have been added to support development of the long-term corrosion control plan. These include layers for foreign rectifiers close to Commission facilities, other pipe crossings, past leak locations, cathodic protection ground beds and test sites, and other related information. Previous work on the pipeline linear referencing system has made it possible to plot data for the 2005 pipe-to-soil potential survey on the pipeline map to provide a visual status of the pipeline corrosion control efforts.

#### ArcGIS Upgrade

A Task Order has been approved for Patrick Engineering assistance in upgrading the ArcGIS software to version 9.2.

**Pipeline Construction Overview****CONTRACT VSR-1/06 VALVE STEM REPLACEMENT**

Contract is in the preliminary design phase. Two full size prototypes of the proposed installations have been installed in separate manholes.

**CONTRACT TW-4 AC CURRENT MITIGATION**

Work is expected to begin within the next several weeks.

The following are attachments to this memorandum:

1. DuPage Laboratory Bench Sheets for August, 2007
2. Water Sales Analysis 01-August-03 to 31-August-07
3. Chart showing Commission sales versus allocations
4. Chart showing Commission sales versus historical averages



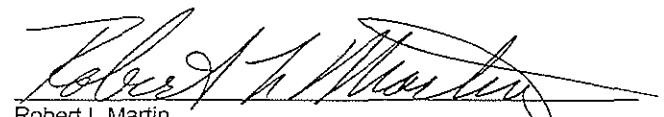
DUPAGE WATER COMMISSION LABORATORY BENCH SHEET  
MONTHLY REPORT FOR AUGUST 2007

## LEXINGTON SUPPLY

## DUPAGE DISCHARGE

DAY	FREE CL <sub>2</sub> mg/l	TURBIDITY NTU	PO <sub>4</sub> mg/l	FREE CL <sub>2</sub> mg/l	TURBIDITY NTU	TEMP °F	pH	Fluoride mg/l	PO <sub>4</sub> mg/l	P.A.C. LBS/MG	ANALYST INT
1	0.75	0.09	0.44	0.77	0.06	72	7.4	1.1	0.49	0	MR
2	0.74	0.08	0.40	0.75	0.08	72	7.5	1.0	0.46	0	MR
3	0.78	0.09	0.46	0.78	0.09	72	7.5	1.0	0.42	0	MR
4	0.71	0.09	0.42	0.76	0.08	73	7.4	1.1	0.40	0	AM
5	0.78	0.08	0.40	0.75	0.09	73	7.4	1.1	0.39	0	AM
6	0.79	0.08	0.43	0.78	0.08	72	7.6	1.0	0.41	0	JV
7	0.78	0.08	0.46	0.79	0.07	72	7.6	1.0	0.41	0	JV
8	0.73	0.09	0.41	0.80	0.07	72	7.6	1.0	0.40	0	MR
9	0.75	0.09	0.46	0.78	0.08	73	7.5	1.0	0.43	0	MR
10	0.75	0.09	0.41	0.79	0.07	71	7.6	1.0	0.41	0	MR
11	0.76	0.09	0.43	0.78	0.09	71	7.6	1.0	0.43	0	MR
12	0.75	0.09	0.44	0.77	0.08	72	7.4	1.1	0.43	0	JV
13	0.76	0.09	0.42	0.79	0.07	71	7.6	1.1	0.43	0	MW
14	0.75	0.08	0.42	0.80	0.07	72	7.6	1.1	0.42	0	JV
15	0.74	0.09	0.44	0.80	0.07	72	7.4	1.1	0.40	0	JV
16	0.72	0.09	0.42	0.79	0.08	72	7.5	1.1	0.41	0	MR
17	0.76	0.08	0.42	0.81	0.07	72	7.5	1.0	0.42	0	MR
18	0.77	0.09	0.45	0.82	0.06	70	7.5	1.0	0.43	0	MR
19	0.78	0.09	0.42	0.82	0.08	70	7.6	1.0	0.40	0	MR
20	0.76	0.08	0.41	0.80	0.07	70	7.5	1.0	0.39	0	KD
21	0.76	0.09	0.49	0.79	0.09	71	7.5	1.0	0.42	0	KD
22	0.76	0.08	0.45	0.81	0.08	71	7.5	1.0	0.41	0	KD
23	0.75	0.09	0.48	0.81	0.07	71	7.5	1.1	0.47	0	KD
24	0.74	0.09	0.43	0.76	0.08	72	7.5	1.1	0.43	0	GA
25	0.75	0.08	0.44	0.77	0.08	72	7.5	1.1	0.43	0	GA
26	0.77	0.09	0.44	0.79	0.08	72	7.6	1.1	0.43	0	GA
27	0.78	0.08	0.41	0.82	0.06	71	7.5	1.1	0.40	0	GA
28	0.74	0.09	0.43	0.81	0.08	72	7.4	1.1	0.44	0	KD
29	0.76	0.09	0.45	0.82	0.09	71	7.4	1.1	0.47	0	KD
30	0.75	0.09	0.45	0.81	0.08	71	7.4	1.0	0.43	0	KD
31	0.77	0.08	0.46	0.81	0.09	71	7.5	1.0	0.45	0	KD
AVG	0.76	0.09	0.44	0.79	0.08	72	7.5	1.0	0.42	0	
MAX	0.79	0.09	0.49	0.82	0.09	73	7.6	1.1	0.49	0	
MIN	0.71	0.08	0.40	0.75	0.06	70	7.4	1.0	0.39	0	

  
Terrance McGhee  
Manager of Water Operations

  
Robert L. Martin  
General Manager

DU PAGE WATER COMMISSION  
WATER SALES ANALYSIS

01-May-92 TO 30-Aug-07

PER DAY AVERAGE 82,083,155

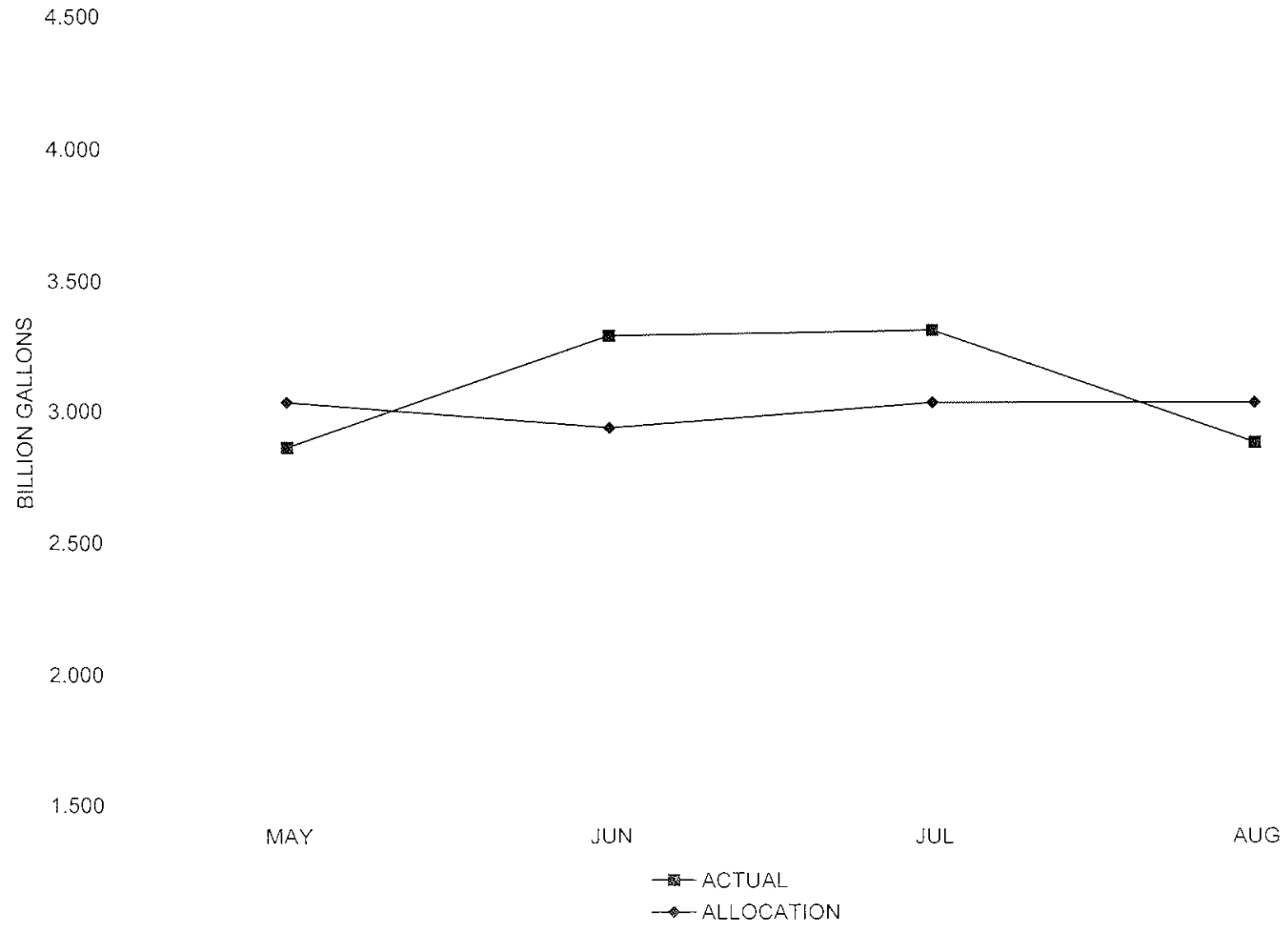
MONTH	SALES TO CUSTOMERS (GALLONS)	PURCHASES FROM CHICAGO (GALLONS)	GALLONS BILLED %	BILLINGS TO CUSTOMERS	BILLINGS FROM CHICAGO	DOCUMENTED COMMISSION WATER USE (2)	DOCUMENTED COMMISSION WATER USE %	TOTAL ACCOUNTED FOR %
May-05	2,751,156,000	2,826,791,957	97.32%	\$3,383,921.88	\$3,669,175.96	7,991,723	0.28%	97.61%
Jun-05	3,775,195,000	3,884,927,612	97.18%	\$4,645,553.10	\$5,042,636.04	6,563,800	0.17%	97.34%
Jul-05	4,078,909,000	4,145,332,157	98.40%	\$5,017,058.07	\$5,380,641.14	6,773,400	0.16%	98.56%
Aug-05	3,498,090,000	3,609,900,000	96.90%	\$4,302,650.70	\$4,685,677.02	8,573,152	0.24%	97.14%
Sep-05	3,202,484,000	3,289,206,394	97.36%	\$3,939,055.32	\$4,269,389.90	6,689,590	0.20%	97.57%
Oct-05	2,545,686,000	2,647,388,860	96.16%	\$3,131,193.78	\$3,436,310.74	6,998,672	0.26%	96.42%
Nov-05	2,238,636,000	2,261,375,216	98.99%	\$2,753,522.28	\$2,935,265.03	5,496,962	0.24%	99.24%
Dec-05	2,362,455,000	2,422,577,673	97.52%	\$2,905,819.65	\$3,144,505.82	5,810,930	0.24%	97.76%
Jan-06	2,241,162,000	2,303,320,263	97.30%	\$2,756,629.26	\$3,063,415.95	4,323,441	0.19%	97.49%
Feb-06	2,033,220,000	2,083,799,323	97.57%	\$2,500,915.68	\$2,771,453.10	3,709,927	0.18%	97.75%
Mar-06	2,189,124,000	2,245,513,008	97.49%	\$2,693,251.86	\$2,986,532.30	5,523,343	0.25%	97.73%
Apr-06	2,288,760,000	2,342,619,023	97.70%	\$2,815,174.80	\$3,115,683.30	3,928,470	0.17%	97.87%
May-06	2,610,813,000	2,692,357,782	96.97%	\$3,237,408.12	\$3,580,835.85	5,227,307	0.19%	97.17%
Jun-06	2,992,447,000	3,070,487,707	97.46%	\$3,710,960.98	\$4,083,748.65	4,407,260	0.14%	97.60%
Jul-06	3,271,454,000	3,360,915,489	97.34%	\$4,056,602.96	\$4,470,017.60	4,330,000	0.13%	97.47%
Aug-06	3,182,143,000	3,278,914,023	97.05%	\$3,945,857.32	\$4,360,955.65	4,157,170	0.13%	97.18%
Sep-06	2,472,175,000	2,539,240,000	97.36%	\$3,065,988.70	\$3,377,189.20	4,242,692	0.17%	97.53%
Oct-06	2,290,903,000	2,358,823,308	97.12%	\$2,840,719.72	\$3,137,235.00	4,540,716	0.19%	97.31%
Nov-06	2,180,207,000	2,227,311,241	97.89%	\$2,703,456.60	\$2,962,323.95	28,850,568	1.30%	99.18%
Dec-06	2,226,395,000	2,288,619,699	97.28%	\$2,760,729.80	\$3,043,864.20	3,979,814	0.17%	97.46%
Jan-07	2,220,804,000	2,280,218,308	97.39%	\$2,753,796.96	\$3,032,690.35	3,980,439	0.17%	97.57%
Feb-07	2,140,510,000	2,201,007,331	97.25%	\$2,654,454.82	\$2,927,339.75	3,710,444	0.17%	97.42%
Mar-07	2,210,108,000	2,255,212,245	98.18%	\$2,741,312.06	\$3,945,284.45	3,891,151	0.17%	98.35%
Apr-07	2,181,740,000	2,251,116,429	96.92%	\$2,705,357.60	\$2,993,984.85	4,352,433	0.19%	97.11%
May-07	2,863,644,000	2,951,900,000	97.01%	\$2,978,988.48	\$3,926,001.00	4,012,875	0.14%	97.15%
Jun-07	3,292,831,000	3,396,024,774	96.96%	\$3,424,545.52	\$4,516,712.95	4,468,064	0.13%	97.09%
Jul-07	3,314,840,000	3,412,423,571	97.14%	\$3,447,433.60	\$4,538,523.35	4,456,650	0.13%	97.27%
Aug-07	2,883,008,000	2,966,379,286	97.19%	\$2,998,328.32	\$3,945,284.45	4,172,900	0.14%	97.33%
TOTALS (1)	459,665,669,000	473,196,469,212	97.14%	\$607,383,978.13	\$531,767,362.15	456,595,300	0.10%	97.24%

(1) - SINCE MAY 1, 1992

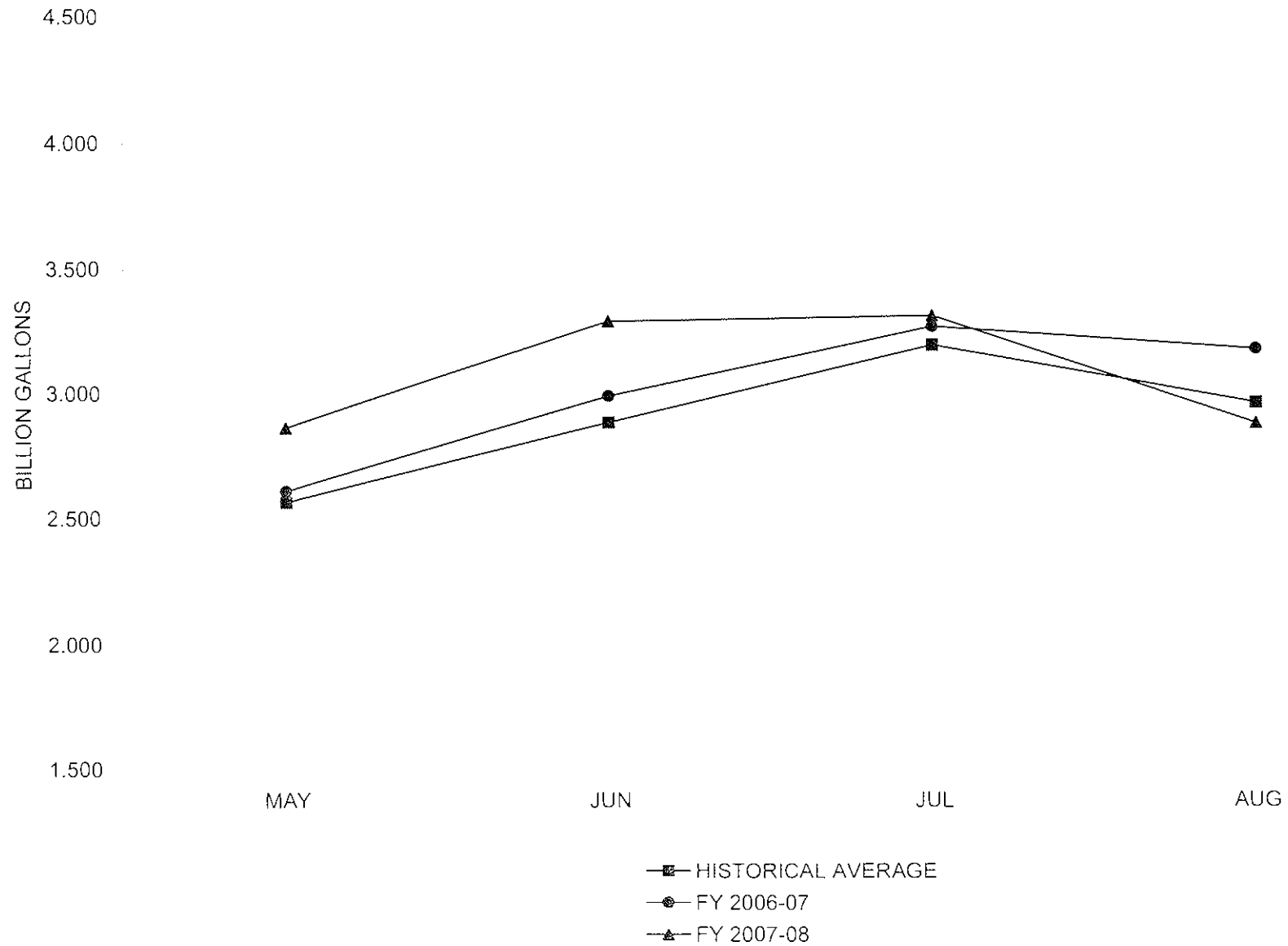
(2) - REPRESENTS DU PAGE PUMP STATION, METER TESTING AND CONSTRUCTION PROJECT USAGE

Operations\Spreadsheets\H2O SALES.xls

DU PAGE WATER COMMISSION SALES  
FY 2007-08 VS. ALLOCATION



DU PAGE WATER COMMISSION SALES  
FY 2007-08 & FY 2006-07 VS. HISTORICAL AVERAGE



DU PAGE WATER COMMISSION

EXPLORATORY EXCAVATION - DPPS ELMHURST (QR7-011A)  
 ACCT # 60-6631  
 ROSSI CONTRACTORS  
 201 WEST LAKE STREET  
 NORTHLAKE, IL 60164

	FRI 06/29/07	MON 07/02/07	TUE 07/03/07	FRI 07/06/07	HOURS UNITS	RATE	EXTENTION	FEE	AMOUNT
<b>LABOR</b>									
LABOR FOREMAN - (N. D'ANDREA)	8.00	8.00			16.00	48.27	772.32		
LABOR FOREMAN - OT (N. D'ANDREA)		0.50			0.50	65.35	32.68		
LABOR FOREMAN - (J. LAUDANDO)			8.00		8.00	48.27	386.16		
LABOR FOREMAN - (J. GUMBER)				8.00	8.00	48.27	386.16		
OPERATOR CLASS 1 - (A. AGRELLA)	8.00	8.00			16.00	58.58	937.28		
OPERATOR CLASS 1 - OT (A. AGRELLA)		0.50			0.50	78.96	39.48		
OPERATOR CLASS 2 - (S. LAUDANDO)	8.00	8.00	8.00		24.00	58.03	1,392.72		
OPERATOR CLASS 2 - OT (S. LAUDANDO)		0.50			0.50	78.13	39.07		
LABOR BOTTOM - (M. BIRARDI)	8.00	8.00			16.00	47.62	761.92		
LABOR BOTTOM - OT (M. BIRARDI)		0.50			0.50	64.37	32.19		
LABOR TOP - (R. ROSSI)	8.00	8.00			16.00	47.27	756.32		
LABOR TOP - OT (R. ROSSI)		0.50			0.50	63.85	31.93		
LABOR TOP - (R. AGUIRRE)			8.00		8.00	47.27	378.16		
LABOR TOP - (O. SALINAS JR.)			8.00		8.00	47.27	378.16		
LABOR TOP - (R. FUENTES)				8.00	8.00	47.27	378.16		
LABOR TOP - (I. ZEPEDA)				8.00	8.00	47.27	378.16		
TRUCK DRIVER - (E. DALY)		4.00	8.00		12.00	41.65	499.80		
TRUCK DRIVER - (J. FALBO)	8.00	8.00	8.00		24.00	41.65	999.60		
TRUCK DRIVER - (J. O'SHEA)	8.00	8.00	4.00		20.00	41.65	833.00		
							<u>9,413.27</u>	65.00%	15,531.90
<b>MATERIAL</b>									
VILLA PARK ELECTRICAL SUPPLY CO., INC. - INVOICE # 0166181		117.52					117.52		
PRAIRIE MATERIAL - INVOICE # 93654915			234.54				234.54		
R & R MATERIALS - INVOICE # 43289			1,035.00				1,035.00		
DUPAGE MATERIALS COMPANY - INVOICE # 54922MB				178.89			178.89		
SHEMIN - INVOICE # 661932SHEMIN - INVOICE # 661932				102.50			102.50		
							0.00		
							0.00		
							<u>1,668.45</u>	5.00%	1,751.87
<b>EQUIPMENT</b>									
320 CL U BACKHOE	8.00	8.50			16.50	82.86	1,367.19		
928 WHEEL LOADER	8.00		8.00		16.00	44.50	712.00		
938 WHEEL LOADER		8.50			8.50	43.04	365.84		
SEMI DUMP TRACTOR	16.00	20.00	20.00		56.00	62.36	3,492.16		
SEMI DUMP TRAILER	8.00	16.00	16.00		40.00	18.04	721.60		
50 T LOWBOY TRAILER	8.00	4.00	4.00		16.00	17.61	281.76		
F-650 DUMP TRUCK	8.00	8.50	8.00	8.00	32.50	32.04	1,041.30		
F-250 PICK-UP TRUCK	8.00	8.50	8.00	16.00	40.50	14.73	596.57		
2" ELECTRIC PUMP	8.00				8.00	2.46	19.68		
2" ELECTRIC PUMP HOSE	16.00				16.00	0.10	1.60		
DOUBLE DRUM ROLLER				8.00	8.00	22.06	176.48		
SKID LOADER				8.00	8.00	26.67	213.36		
							<u>8,989.54</u>	10.00%	9,888.49

SPC

60-6631

DN

8/28/07

27,172.26

27,172.26

DU PAGE WATER COMMISSION

BLOW OFF VALVE REPAIR - I-88 & NAPERVILLE RD - UNINCORPORATED NAPERVILLE (QR7-014A)  
 ACCT. # 1398 (BILLED TO WALSH CONSTRUCTION)  
 ROSSI CONTRACTORS  
 201 WEST LAKE STREET  
 NORTHLAKE, IL 60164

	TUE 07/17/07	WED 07/18/07	HOURS UNITS	RATE	EXTENTION	FEE	AMOUNT
LABOR							
LABOR FOREMAN - (J. GUMBER)	8.00	8.00	16.00	48.27	772.32		
LABOR FOREMAN - (J. GUMBER)	0.50	0.50	1.00	65.35	65.35		
OPERATOR CLASS 1 - (A. AGRELLA)	8.00	8.00	16.00	58.58	937.28		
OPERATOR CLASS 1 - OT (A. AGRELLA)	0.50	0.50	1.00	78.96	78.96		
LABOR BOTTOM - (R. ORTIZ-FUENTES)	8.00	8.00	16.00	47.62	761.92		
LABOR BOTTOM - OT (R. ORTIZ-FUENTES)	0.50		0.50	64.37	32.19		
LABOR TOP - (M. BIRARDI)	8.00		8.00	47.27	378.16		
LABOR TOP - OT (M. BIRARDI)	0.50		0.50	63.85	31.93		
LABOR BOTTOM - (I. ZEPEDA)		8.00	8.00	47.62	380.96		
TRUCK DRIVER - (C. MORAVEC)	8.00	8.00	16.00	41.65	666.40		
TRUCK DRIVER - OT (C. MORAVEC)	0.50		0.50	56.85	28.43		
TRUCK DRIVER - (R. TROMBELLO)		8.00	8.00	41.65	333.20		
TRUCK DRIVER - (J. SCHMIDT)		8.00	8.00	41.65	333.20		
MECHANIC/WELDER - (T. WASHINGTON)	3.00		3.00	61.58	184.74		
					<u>4,985.04</u>	65.00%	8,225.32
MATERIAL							
R & R MATERIAL - INVOICE # 43316	699.12	721.90			1,421.02		
R & J CONSTRUCTION SUPPLY CO., INC. - INVOICE # 642915		58.80			<u>58.80</u>		
					<u>1,479.82</u>	5.00%	1,553.81
EQUIPMENT							
320 CL U BACKHOE	8.50	8.50	17.00	82.86	1,408.62		
928 WHEEL LOADER			0.00	44.50	0.00		
938 WHEEL LOADER			0.00	43.04	0.00		
SEMI DUMP TRACTOR	24.00	24.00	48.00	62.36	2,993.28		
SEMI DUMP TRAILER	8.00	8.00	16.00	18.04	288.64		
50 T LOWBOY TRAILER	8.00	8.00	16.00	17.61	281.76		
DROP DECK TRAILER	8.00	8.00	16.00	14.00	224.00		
F-600 STEPVAN	8.50	8.00	16.50	24.44	403.26		
F-250 PICK-UP TRUCK	8.50	8.50	17.00	14.73	250.41		
2" ELECTRIC PUMP	8.00	8.00	16.00	2.46	39.36		
2" ELECTRIC PUMP HOSE	16.00	16.00	32.00	0.10	3.20		
GENERATOR - 12,000 WATT	8.00	8.00	16.00	10.05	160.80		
1"X8'X20' STEEL TRAFFIC PLATE	5.00	5.00	10.00	33.00	330.00		
8'X10'X4" MANHOLE BOX	1.00	1.00	2.00	100.00	200.00		
					<u>6,583.33</u>	10.00%	7,241.66
							<u>17,020.79</u>

1398

8/28/07  
17,020.79

AM

DuPAGE WATER COMMISSION  
CHANGE ORDER

SHEET 1 OF 3

PROJECT NAME: Relocation and Construction of  
Cadwell Avenue

CHANGE ORDER NO. 1

LOCATION: Elmhurst, Illinois

CONTRACT NO. PSD-6B

CONTRACTOR: Accu-Paving Co.,  
a division of Mertes  
Contracting Corporation

DATE: Sept. 14, 2007

I. A. DESCRIPTION OF CHANGES INVOLVED:

Add Unit Price Item (C.O. #1), Unit Price (\$22.90/ton), and approximate number of units (3,000 tons) to the Schedule of Prices for furnishing and installing CA-1 aggregate; provided, however, that, as with all other Unit Price Items, the number of units of Unit Price Items stated in the Schedule of Prices are Owner's estimate only and shall not be used in establishing the Progress or Final Payments due Contractor, and the Contract Price shall be adjusted to reflect the actual number of acceptable units of Unit Price Items installed and complete in place upon Final Acceptance.

B. REASON FOR CHANGE:

An inordinate amount of unstable organic material (black dirt) was unexpectedly encountered during excavation and grading work for the relocated roadway and storage pad, requiring removal and replacement of the atypical organic material with CA-1 aggregate for stabilization of the roadway base and storage pad.

REVISION IN CONTRACT PRICE:

Negotiated at \$22.90 per ton for an approximate net increase in the Contract Price by \$68,700.00 (depending upon the number of units of CA-1 aggregate ultimately installed)

	<u>Unit Price Item</u>	<u>Unit</u>	<u>Approximate Number of Units</u>	<u>Price Per Unit</u>	<u>Extension</u>
C.O. #1	CA-1 Aggregate	TON	3,000	\$22.90	\$68,700.00

II. CHANGE ORDER CONDITIONS:

1. The Completion Date established in the Contract, as signed or as modified by previous Change Orders, is hereby extended by 0 days, making the final Completion Date November 15, 2007.
2. Any Work to be performed under this Change Order shall be provided, performed, and completed in full compliance with, and as required by or pursuant to, the Contract, including any Specifications and Contract Drawings for the Work to be performed under this Change Order and for Work of the same type as the Work to be performed under this Change Order, and as specified in the preceding "Description of Changes Involved."
3. Unless otherwise provided herein, all Work included in this Change Order shall be guaranteed and warranted as set forth in, and Contractor shall not be relieved from strict compliance with, the guaranty and warranty provisions of the Contract.
4. All Work included in this Change Order shall be covered under the Bonds and the insurance coverages specified in the Contract. If the Contract Price, including this Change Order, exceeds the Contract Price set forth in the Contract, as signed, by twenty percent (20%), Contractor shall submit to Owner satisfactory evidence of such increased coverage under the Bonds.



III. ADJUSTMENTS IN CONTRACT PRICE:

- |    |  |    |                   |
|----|--|----|-------------------|
| 1. | Original Contract Price  | \$ | <u>353,040.70</u> |
| 2. | Net (addition) (reduction) due<br>to all previous Change Orders<br>Nos. <u>      </u> to <u>      </u> | \$ | <u>0.00</u>       |
| 3. | Contract Price, not including<br>this Change Order   | \$ | <u>353,040.70</u> |
| 4. | (Addition) ( <del>Reduction</del> ) to Contract<br>Price due to this Change Order                      | \$ | <u>68,700.00</u>  |
| 5. | Contract Price including this<br>Change Order  | \$ | <u>421,740.70</u> |

RECOMMENDED FOR ACCEPTANCE:

CONSULTING ENGINEERS: Consoer Townsend Envirodyne Engineers, Inc.

By: \_\_\_\_\_ (\_\_\_\_\_) \_\_\_\_\_  
Signature of Authorized Representative Date

ACCEPTED: By my authorized signature below, being first duly sworn on oath, I certify on behalf of Contractor that this Change Order does not authorize or necessitate an increase in the price of any subcontract under the Contract that is 50% or more of the original subcontract price.

CONTRACTOR: Accu-Paving Co., a division of Mertes Contracting Corporation

By: \_\_\_\_\_ (\_\_\_\_\_) \_\_\_\_\_  
Signature of Authorized Representative Date

DUPAGE WATER COMMISSION:

By: \_\_\_\_\_ (\_\_\_\_\_) \_\_\_\_\_  
Signature of Authorized Representative Date