



DuPage Water Commission

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

AGENDA

**DU PAGE WATER COMMISSION
THURSDAY, SEPTEMBER 12, 2002
7:30 P.M.**

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

- I. Roll Call
- II. Oath of Office
 - A. Michael Vondra Chairman
 - B. Larry Hartwig Municipal District 1
 - C. Elizabeth Chaplin County District 2
 - D. Alan Poole Municipal District 5
- III. Public Comments
- IV. Approval of Minutes
 - Regular Meeting of August 8, 2002
- V. Treasurer's Report – August 2002
- VI. Committee Reports
 - A. Administration Committee
 - B. Engineering & Construction Committee
 - Report of 9/12/02 Meeting
 - C. Finance Committee
 - Report of 9/12/02 Meeting
 - D. Special Task Force

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.

- Report of 9/12/02 Meeting

VII. Omnibus Vote

- A. Resolution R-33-02: A Resolution Approving Certain Contract Change Orders at the September 12, 2002 DuPage Water Commission Meeting
- B. Resolution R-34-02: A Resolution Approving and Ratifying Certain Work Authorization Orders Under Quick Response Electrical Contract QRE-1/02 at the September 12, 2002 DuPage Water Commission Meeting
- C. Resolution R-35-02: A Resolution Awarding Quick Response Contract (QR-6/02)

VIII. Old Business

- A. Summary of Action Taken Since Previous Meeting
- B. Committee Assignments

IX. New Business

- A. Purchase Orders

X. Accounts Payable

XI. Public Comments

XII. Executive Session

XIII. Adjournment

**MINUTES OF A MEETING OF THE
DU PAGE WATER COMMISSION
HELD ON WEDNESDAY, AUGUST 8, 2002
600 E. BUTTERFIELD ROAD
ELMHURST, ILLINOIS**

The meeting was called to order by Chairman Michael Vondra at 7:30 P.M.

Commissioners in attendance: R. Benson, B. Krajewski, J. Liljegren, W. Mueller, N. Pollock, J. Tenison, R. Thorn, G. Wilcox and M. Vondra

Also in attendance: J. Holzwart, R. Martin, E. Nawrocki, R. Skiba, D. Eckmann (AB&H), and M. Crowley (H&K).

PUBLIC COMMENTS - No Public Comments

Commissioner Benson made a motion to approve the Minutes of the July 10, 2002 meeting of the DuPage Water Commission. Seconded by Commissioner Wilcox and unanimously approved by a Voice Vote.

All voted aye. Motion carried.

The Treasurer's Report for the month of July 2002 showed receipts of \$6,912,864.88, disbursements of \$3,830,313.88 and a cash and investment balance of \$189,137,304.01.

Commissioner Wilcox made a motion to accept the July 2002 Treasurer's Report. Seconded by Commissioner Krajewski and unanimously approved by a Voice Vote.

All voted aye. Motion carried.

COMMITTEE REPORTS

Administration Committee – No meeting

Engineering Committee – Report by Commissioner Liljegren

The Engineering Committee discussed the status of facilities regarding construction and operations. It was reported that: 3.819 billion gallons of water were pumped in July with an average day of 123.2 million gallons; the Contract MS-15 contractor recently received the building permit for the Illinois American Water Company Meter Station 5G; the contractor for the Heating System Replacement Project is installing the hydronic piping; a tentative agreement has been reached with the Contractor for Contract TSW-3 to repair or replace the defective 48" ROV at Winfield and Butterfield Road; the contractor for TW-1/98 has completed the installation of all pipe and is presently working on restoration and punch list items; the contractor for TW-2/00 has installed

Minutes of the 8/8/02 Meeting

41,618 feet of 48-inch steel pipe to date, representing 83% of the pipe to be installed; the construction on the Corrosion Mitigation System for the 72" Transmission Main (Contract TE-5/01) is 97.1% complete; and the contractor for Contract BOV-1/02 has completed work on 9 blow-off valves, representing 2.5% of the work to be completed.

The Engineering Committee reviewed change orders in the amount of \$89,330.40 and recommended approval of Resolution R-30-02 under New Business.

The Engineering Committee reviewed progress payments in the amount of \$554,957.20 and recommended approval as part of the Accounts Payable, subject to submission of all contractually required documentation.

The Engineering Committee reviewed the reduction in retention for Contract TE-5 in the amount of \$53,921.82 and recommended approval as part of the Accounts Payable, subject to submission of all contractually required documentation.

Finance Committee - Report by Commissioner Krajewski

Although the Finance Committee did not have a quorum, Commissioner Krajewski reviewed the Finance Committee agenda. Commissioner Krajewski noted that Resolution R-29-02 appears on the Commission's agenda and that the committee will be reviewing the three reserve accounts.

Special Task Force - Report by Chairman Vondra

It was reported that the Special Task Force reviewed language changes to the July 10, 2002, draft of the Intergovernmental Agreement for the Provision of Lake Michigan Water to Areas of DuPage County Affected by Contamination and that the revised draft dated August 8, 2002, would be attached as Exhibit 1 to Resolution No. R-32-02 for approval as part of the Omnibus Vote Agenda. The Special Task Force also recommended approval of the legal invoices for Mayer, Brown, Rowe & Maw in the amount of \$48,000 and the legal invoice of Walsh, Knippen, Knight & Diamond Chartered in the amount of \$15,000 during the Accounts Payable.

Omnibus Agenda

Commissioner Wilcox made a motion to adopt the item listed on the Omnibus Vote Agenda in a single group pursuant to the Omnibus Vote Procedures. Seconded by Commissioner Tenison and unanimously approved by a Roll Call Vote:

Ayes: R. Benson, B. Krajewski, J. Liljegren, W. Mueller, N. Pollock, J. Tenison, R. Thorn, G. Wilcox and M. Vondra

Nays: None

Minutes of the 8/8/02 Meeting

- Item 1. Resolution R-29-02: A Resolution Approving and Accepting the Proposal of McGladrey & Pullen, LLP for Audit Services – “Omnibus Vote”
- Item 2. Resolution R-31-02: A Resolution Approving a Second Amendment to Task Order No. 2 Under the Master Engineering Agreement with Alvord, Burdick & Howson, L.L.C. – “Omnibus Vote”
- Item 3. Resolution R-32-02: A Resolution Approving, Ratifying, and Accepting an Intergovernmental Agreement for the Provision of Lake Michigan Water to Areas of DuPage County Affected by Contamination (REVISED)– “Omnibus Vote”

OLD BUSINESS

Chairman Vondra noted that Commissioner Thorn had conducted a survey of Commissioners regarding their preferences for committee assignments. Chairman Vondra will be recommending committee assignments at the September Commission meeting for Commission approval.

NEW BUSINESS

Resolution R-30-02: A Resolution Approving Certain Contract Change Orders at the August 8, 2002 DuPage Water Commission Meeting

Commissioner Wilcox made a motion to approve Resolution R-30-02: A Resolution Approving Certain Contract Change Orders at the August 8, 2002 DuPage Water Commission Meeting. Seconded by Commissioner Mueller and approved by a Roll Call Vote:

Ayes: R. Benson, B. Krajewski, J. Liljegren, W. Mueller, N. Pollock, J. Tenison, R. Thorn and G. Wilcox

Nays: None

Abstain: M. Vondra

Commissioner Mueller made a motion to approve Purchase Order No. 7068 in the amount of \$31,000.00 to Severn Trent Services. Seconded by Commissioner Tenison and unanimously approved by a Roll Call Vote:

Ayes: R. Benson, B. Krajewski, J. Liljegren, W. Mueller, N. Pollock, J. Tenison, R. Thorn, G. Wilcox and M. Vondra

Nays: None

Minutes of the 8/8/02 Meeting

ACCOUNTS PAYABLE

Commissioner Benson made a motion to approve the Accounts Payable in the revised amount of \$4,824,582.14, subject to submission of all contractually required documentation. Seconded by Commissioner Tenison and unanimously approved by a Roll Call Vote:

Ayes: R. Benson, B. Krajewski, J. Liljegren, W. Mueller, N. Pollock, J. Tenison,
R. Thorn, G. Wilcox and M. Vondra

Nays: None

PUBLIC COMMENTS – No public comments

Commissioner Wilcox made a motion to adjourn the meeting at 8:07 P.M. Seconded by Commissioner Thorn and unanimously approved by a Voice Vote.

All voted aye. Motion carried.

Board/Minutes/Rcm0208.doc

DU PAGE WATER COMMISSION
WATER FUND
CASH BASIS GENERAL LEDGER
STATEMENT OF REVENUES & EXPENDITURES
August 31, 2002

REVENUE	CURRENT MONTH ACTUAL	Y-T-D ACTUAL
WATER SALES	5,470,392.79	18,352,773.89
SALES TAXES	2,769,736.30	10,310,316.18
INVESTMENT INCOME	412,317.87	2,089,551.79
OTHER INCOME	110.00	793,088.10
TOTAL REVENUE	8,652,556.96	31,545,729.96
EXPENSES		
PERSONAL SERVICES	231,915.48	773,609.58
PROFESSIONAL SERVICES	86,396.06	146,989.30
CONTRACTUAL SERVICES	10,314.45	88,404.79
INSURANCE	10,751.00	17,570.00
ADMINISTRATIVE COSTS	5,793.96	35,418.28
WATER SUPPLY COSTS	4,466,316.91	13,008,072.13
BOND PRINCIPAL & INTEREST	0.00	13,492,703.75
LAND AND RIGHT OF WAY	0.00	2,995.00
CAPITAL OUTLAY	0.00	47,593.35
TOTAL OPERATING EXPENSES	4,811,487.86	27,613,356.18
CONSTRUCTION EXPENDITURES	486,787.42	2,842,113.71
TOTAL EXPENSES	5,298,275.28	30,455,469.89
NET FUND TRANSACTIONS	3,354,281.68	1,090,260.07
BEGINNING BALANCE		191,401,325.62
ENDING BALANCE		192,491,585.69
FUNDS CONSIST OF:		
PETTY CASH		500.00
CASH AT BANK ONE		16,862.46
CASH AT OAK BROOK BANK LOCK BOX		1,000.00
CASH AT VILLA PARK TRUST & SAVINGS		13,451.17
TOTAL CASH		31,813.63
ILLINOIS FUNDS MONEY MARKET		19,422,416.62
ILLINOIS FUNDS PRIME FUND		31,425,689.77
GOVERNMENT MONEY MARKET FUNDS		6,217.68
U. S. TREASURY INVESTMENTS		80,687,011.36
U. S. AGENCY INVESTMENTS		35,918,436.63
CERTIFICATES OF DEPOSIT		25,000,000.00
COMMERCIAL PAPER		0.00
TOTAL INVESTMENTS		192,459,772.06
TOTAL FUNDS		192,491,585.69

DU PAGE WATER COMMISSION**RESOLUTION NO. R-33-02****A RESOLUTION APPROVING CERTAIN
CONTRACT CHANGE ORDERS AT THE
SEPTEMBER 12, 2002 DU PAGE WATER COMMISSION MEETING**

BE IT RESOLVED by the Board of Commissioners of the DuPage Water Commission as follows:

SECTION ONE: The Change Order set forth on Exhibit 1, attached hereto and by this reference incorporated herein and made a part hereof, shall be and hereby are approved because the Board of Commissioners of the DuPage Water Commission has determined that the circumstances said to necessitate the changes were not reasonably foreseeable at the time the contracts were signed, the Change Order is germane to the original contracts as signed and/or the Change Order is in the best interest of the DuPage Water Commission and authorized by law.

SECTION TWO: This Resolution shall constitute the written determination required by Section 33E-9 of Article 33E of the Criminal Code of 1961 and shall be in full force and effect from and after its adoption.

AYES:

NAYS:

ABSENT:

ADOPTED this _____ day of _____, 2002.

Chairman

ATTEST:

Acting Clerk

Board\Resolutions\R-33-02.doc

Exhibit 1

Resolution R-33-02

1. Change Order No. 1: Contract BOV-1 (Blow Off Valve Improvements) in the amount of \$1,770.00
2. Change Order No. 2: Contract BOV-1 (Blow Off Valve Improvements) in the amount of \$46,900.00
3. Change Order No. 3: Contract BOV-1 (Blow Off Valve Improvements) in the credit amount of \$210,002.80
4. Change Order No. 3: Boiler Replacement in the amount of \$9,813.10
5. Change Order No. 3: Boiler Replacement in the amount of \$3,379.33
6. Change Order No. 14: Contract TW-1 (West Transmission Main) in the amount of \$5,367.00

Total amount of the Change Orders is \$277,232.13.

DU PAGE WATER COMMISSION**RESOLUTION NO. R-34-02**

**A RESOLUTION APPROVING AND RATIFYING
CERTAIN WORK AUTHORIZATION ORDERS
UNDER QUICK RESPONSE ELECTRICAL CONTRACT QRE-1/02
AT THE SEPTEMBER 12, 2002 DU PAGE WATER COMMISSION MEETING**

WHEREAS, the DuPage Water Commission (the "Commission") entered into a certain agreement dated January 29, 2002 with Divane Bros. Electric Company for quick response electrical work related to the Commission's Waterworks System (said agreement being hereinafter referred to as "Contract QRE-1/02"); and

WHEREAS, Contract QRE-1/02 is designed to allow the Commission to direct the quick response electrical contractor to perform emergency electrical work, including without limitation electrical work that the Commission is unable to perform through its own personnel and with its own equipment, as needed through the issuance of Work Authorization Orders; and

WHEREAS, the need for such emergency electrical work could not have been reasonably foreseen at the time Contract QRE-1/02 was signed;

NOW, THEREFORE, BE IT RESOLVED by the Board of Commissioners of the DuPage Water Commission as follows:

SECTION ONE: The foregoing recitals are by this reference incorporated herein and made a part hereof as findings of the Board of Commissioners of the DuPage Water Commission.

SECTION TWO: The Work Authorization Order attached hereto and by this reference incorporated herein and made a part hereof as Exhibit 1 shall be and hereby is approved and, if already issued, ratified because the Board of Commissioners of the DuPage Water Commission has determined that the circumstances said to necessitate the Work Authorization Order were not reasonably foreseeable at the time Contract QRE-1/02

Resolution R-34-02

was signed, the Work Authorization Order is germane to Contract QRE-1/02 as signed and/or the Work Authorization Order is in the best interest of the DuPage Water Commission and authorized by law.

SECTION THREE: This Resolution shall constitute the written determination required by Section 33E-9 of the Criminal Code of 1961 and shall be in full force and effect from and after its adoption.

AYES:

NAYS:

ABSENT:

ADOPTED this _____ day of _____, 2002.

Chairman

ATTEST:

Acting Clerk

Exhibit 1
WORK AUTHORIZATION ORDER

SHEET 1 OF 2

CONTRACT QRE-1/02: QUICK RESPONSE ELECTRICAL CONTRACT

PROJECT: QRE-1.004

LOCATION:

ROV8A manhole vault – East of the East Branch of the DuPage River on butterfield Road in Downers Grove.

CONTRACTOR:

Divane Bros. Electric Company

DESCRIPTION OF WORK:

Replace and relocate existing conduit and electrical boxes in the manhole so water will not drip on them from manhole lid. Replace light fixtures and disconnect switch for valve actuator. Make any other necessary repairs to the electrical system in the vault.

REASON FOR WORK:

Boxes, switches, lights and outlet are water damaged, corroded and don't work.

MINIMUM RESPONSE TIME:

2 weeks

**COMMISSION-SUPPLIED MATERIALS, EQUIPMENT
AND SUPPLIES TO BE INCORPORATED INTO THE WORK:**

None

THE WORK ORDERED PURSUANT TO THIS WORK AUTHORIZATION ORDER

☐ IS ☒ IS NOT PRIORITY EMERGENCY WORK

SUBMITTALS REQUESTED:

None

SUPPLEMENTARY CONTRACT SPECIFICATIONS AND DRAWINGS:

None

DUPAGE WATER COMMISSION

By: _____
Signature of Authorized
Representative

DATE: _____

CONTRACTOR RECEIPT ACKNOWLEDGED:

By: _____
Signature of Authorized
Representative

DATE: _____

DRAFT

DU PAGE WATER COMMISSION

RESOLUTION R-35-02

A RESOLUTION AWARDING QUICK RESPONSE

CONTRACT (QR-6/02)

WHEREAS, the DuPage Water Commission (the “Commission”) invited proposals for quick response construction work related to the Commission’s Waterworks System; and

WHEREAS, the Commission reserved the right to award a contract for the Commission’s Quick Response QR-6/02 to one or more bidders; and

WHEREAS, the Commission has reviewed the proposals received and determined that the proposal of George W. Kennedy Construction Company, Inc. and the proposal of Rossi Contractors, Inc. all were favorable to the interests of the Commission;

NOW, THEREFORE, BE IT RESOLVED by the Board of Commissioners of the DuPage Water Commission as follows:

SECTION ONE: The foregoing recitals are hereby incorporated herein as findings of the DuPage Water Commission.

SECTION TWO: The DuPage Water Commission hereby awards a contract for the DuPage Water Commission Quick Response Contract QR-6 to George W. Kennedy Construction Company, Inc., 580 Old Skokie Road, Park City, Illinois 60085 and Rossi Contractors, Inc., 201 West Lake Street, Northlake, Illinois 60164, conditioned upon the receipt of all contractually required documentation.

SECTION THREE: This Resolution shall be in full force and effect from
and after its adoption.

AYES:

NAYS:

ABSENT:

ADOPTED this ____ day of _____, 2002

Chairman

ATTEST:

Acting Clerk



DuPage Water Commission

MEMORANDUM

TO: Chairman and Commissioners

FROM: General Manager

DATE: September 6, 2002

SUBJECT: Summary of Action Since the Previous Meeting

1. The County Board approved DuPage County Chairman Schillerstrom's appointment of Elizabeth Chaplin for County District 2, John Janicik for County District 3 and the reappointment of Chairman Vondra. Commissioners Chaplin and Janicik replace Commissioners Kouba and Liljegren who have served the Commission since July of 1984. At the present time a date for a luncheon/dinner has not been established. George Kouba was unable to attend the September 18th luncheon. We are checking alternative dates.
2. Resolution R-34-02 approves Work Task No. 4. This work task is for the relocation of electrical conduit and electrical boxes in remotely operated valve vault 8A to prevent water intrusion.
3. Resolution R-35-02 approves Quick Response Contract QR-6/02. The Commission received bids from George W. Kennedy Construction Company and Rossi Contractors, Inc. The Commission has been satisfied with the work from both of these contractors under QR-5/00. Public notice was made in the Chicago Tribune for this contract and Dodge Construction Reports.

DU PAGE WATER COMMISSION - ACCOUNTS PAYABLE 02-Aug-02 TO 05-Sep-02

ACPA0209

ACCOUNTS PAYABLE SPREADSHEET

MEETING OF

09/12/02

a - Subject to submission of all contractually required documentation.

b - Subject to satisfactory completion of all DuPage Water Commission contract closeout procedures and requirements.

c - Construction items are coded with account numbers in the 7000 series.

d - Amount to be deducted from construction contract

VENDOR	INVOICE #	DATE	DESCRIPTION	ACCT# (c)	INVOICE AMOUNT	VENDOR AMOUNT
A.N.S.I., Inc.	30993	08/07/02	Window Washing DPPS: August 2002	WF-6622	210.00	210.00
Acres Group, Inc.	1949	09/01/02	Landscape Mgmt Serv: September 2002	WF-6622	4,373.75	4,373.75
Aerex Pest Control	569732	08/22/02	Exterminator: August 2002	WF-6622	45.00	45.00
AES NewEnergy, Inc.	0297187001	08/26/02	DPPS Electric Service: 07/24/02-08/22/02	WF-6612	220,560.77	220,560.77
Allied Office Products Inc.	MZ3682001	08/29/02	Office Supplies	WF-6521	69.57	69.57
Alvord, Burdick & Howson	61	08/31/02	Naperville Rd. to Diehl Rd.: 07/25/02-08/24/02	WF-7913	15,161.97	
Alvord, Burdick & Howson	61	08/31/02	Diehl Rd. to 75th: 07/25/02-08/24/02	WF-7913	17,647.18	
Alvord, Burdick & Howson	61	08/31/02	Butterfield Rd. to Prairie Path: 07/25/02-08/24/02	WF-7913	53,300.78	
Alvord, Burdick & Howson	232	07/31/02	Butterfield to 75th St:06/25/02-07/24/02	WF-7913	3,093.19	
Alvord, Burdick & Howson	232	07/31/02	72" Transmission Main Cath. Protect: 06/25/02-07/24/02	WF-7913	1,641.00	
Alvord, Burdick & Howson	233	08/31/02	Butterfield to 75th St:07/25/02-08/24/02	WF-7913	(3,093.19)	
Alvord, Burdick & Howson	233	08/31/02	72" Transmission Main Cath. Protect: 07/25/02-08/24/02	WF-7913	43,765.09	
Alvord, Burdick & Howson	2002-244	08/31/02	Blow-Off Valve Improvement Tsk Odr. #9: 07/25/02-08/24/02	WF-6389	19,734.92	
Alvord, Burdick & Howson	2002-245	08/31/02	72" Along Rt. 83 (TIB-1) Task Order # 11: 07/25/02-08/24/02	WF-7913	14,280.79	
Alvord, Burdick & Howson	93 OT	08/31/02	Butterfield Rd. to Prairie Path - TW-2: 07/25/02-08/24/02	WF-7913	1,395.98	166,927.71
American Water Works Association	1000104722	08/13/02	Training Books	WF-6522	2,025.51	2,025.51
Ameritech	6308940725	08/04/02	Tank Site #1: 08/04/02-09/03/02	WF-6514	23.64	
Ameritech	6308340100	08/22/02	Service DPPS: 08/22/02-09/21/02	WF-6514	660.68	
Ameritech	708Z096241	08/16/02	Backup Telemetry Serv: 08/16/02-09/15/02	WF-6514	1,071.69	1,756.01
Anderson Landscape Supply	20726	08/15/02	Boulders for Car Barriers at Tank Site #1	WF-6633	855.00	855.00
AT&T	6308340100	07/25/02	Long Dist. Serv. DPPS: 06/25/02-07/25/02	WF-6514	311.12	311.12
AT&T Wireless Service - Chicago	150038750	07/28/02	Cellular Phone Serv.: 06/27/02-07/26/02	WF-6514	216.14	
AT&T Wireless Service - Chicago	150038750	08/28/02	Cellular Phone Serv.: 07/27/02-08/26/02	WF-6514	214.65	430.79

DU PAGE WATER COMMISSION - ACCOUNTS PAYABLE 02-Aug-02 TO 05-Sep-02

ACPA0209

ACCOUNTS PAYABLE SPREADSHEET

MEETING OF

09/12/02

a - Subject to submission of all contractually required documentation.

b - Subject to satisfactory completion of all DuPage Water Commission contract closeout procedures and requirements.

c - Construction items are coded with account numbers in the 7000 series.

d - Amount to be deducted from construction contract

VENDOR	INVOICE #	DATE	DESCRIPTION	ACCT# (c)	INVOICE AMOUNT	VENDOR AMOUNT
Avalon Petroleum Company	371297	07/31/02	Gasoline	WF-6642	1,316.00	
Avalon Petroleum Company	372501	08/15/02	Gasoline	WF-6642	1,082.25	2,398.25
Basic Chemical Solutions LLC	S220466	07/25/02	Sodium Hypochlorite	WF-6613	2,250.00	
Basic Chemical Solutions LLC	S222948	08/06/02	Sodium Hypochlorite	WF-6613	2,250.00	
Basic Chemical Solutions LLC	S224021	08/16/02	Sodium Hypochlorite	WF-6613	2,250.00	6,750.00
CDW Government, Inc.	GK28056	07/26/02	HP Deskjet Printer	WF-6550	206.46	
CDW Government, Inc.	GL35325	08/01/02	Keyboards & Accessories	WF-6550	99.02	
CDW Government, Inc.	GO92250	08/22/02	Visio Pro 2002 License	WF-6951	359.00	
CDW Government, Inc.	GO93531	08/22/02	Visio Pro 2002 Media & Documentation	WF-6951	60.19	724.67
Chicago, City of: Dept. of Water	Ltr.	08/06/02	Operation Costs Lex. Sta.:04/01/02-04/30/02	WF-6611	32,555.62	
Chicago, City of: Dept. of Water	Ltr.	08/21/02	Operation Costs Lex. Sta.:05/01/02-05/31/02	WF-6611	34,461.27	
Chicago, City of: Dept. of Water	Ltr.	08/22/02	Operation Costs Lex. Sta.:06/01/02-06/30/02	WF-6611	36,046.70	103,063.59
Chicago, City of: Dept. of Water	Ltr.	08/07/02	Electric Service: 06/03/02-07/02/02	WF-6611	102,971.54	102,971.54
Chicago, City of: Supt. of Wtr. Coll.	Ltr.	09/03/02	Water Supply: 08/01/02-08/31/02	WF-1910	(786,747.19)	
Chicago, City of: Supt. of Wtr. Coll.	Ltr.	09/03/02	Water Supply: 08/01/02-08/31/02	WF-6611	3,933,735.52	3,146,988.33
Choice Coffee Co.	107952	08/26/02	Coffee	WF-6521	109.80	109.80
Commonwealth Edison	Various	08/30/02	CP Stations: 07/15/02-08/28/02	WF-6612	104.31	
Commonwealth Edison	Various	08/30/02	Meter Sta. Serv.: 05/30/02-08/30/02	WF-6612	2,898.72	
Commonwealth Edison	Various	08/30/02	Remote Opr. Valve: 06/24/02-08/29/02	WF-6612	770.70	
Commonwealth Edison	Various	08/30/02	Tank Site Serv.: 07/01/02-08/28/02	WF-6612	1,244.14	5,017.87
Commonwealth Edison		08/02/02	Electrical Connections for ROV 4 & 5	WF-6631	5,702.05	5,702.05
Compaq Computer Corp.	4014549855	08/22/02	Keyboards & Accessories	WF-6624	249.67	249.67

DU PAGE WATER COMMISSION - ACCOUNTS PAYABLE 02-Aug-02 TO 05-Sep-02

ACPA0209
ACCOUNTS PAYABLE SPREADSHEET

MEETING OF

09/12/02

- a - Subject to submission of all contractually required documentation.
b - Subject to satisfactory completion of all DuPage Water Commission contract closeout procedures and requirements.
c - Construction items are coded with account numbers in the 7000 series.
d - Amount to be deducted from construction contract

VENDOR	INVOICE #	DATE	DESCRIPTION	ACCT# (c)	INVOICE AMOUNT	VENDOR AMOUNT
Connelly, GF Mechanical Contractors Inc.	4	08/27/02	Boiler Replacement: Partial Invoice No. 4	WF-6622	127,409.06 a	
Connelly, GF Mechanical Contractors Inc.	4	08/27/02	Boiler Replacement: Partial Invoice No. 4	WF-3520	(12,740.91) a	114,668.15
CTE Engineers, Inc.	44140272.3-18	08/13/02	Engineering Services - MS-13: 06/29/02-07/26/02	WF-7914	262.92	
CTE Engineers, Inc.	44140396.3-04	08/13/02	Engineering Services - MS-15: 06/29/02-07/26/02	WF-7914	433.77	696.69
Elmhurst, City of	24251	11/12/01	Sewer Repair	WF-6631	1,464.82	1,464.82
Elmhurst Plaza Standard, Inc.	2700	08/06/02	Vehicle Maintenance: M-76785	WF-6641	18.50	18.50
Errand Boy	53150	08/01/02	Messenger Service	WF-6532	15.17	15.17
Federal Express Corp.	4-341-39314	08/28/02	Messenger Service	WF-6532	279.67	279.67
Flowserve FSD Corporation	M574660	08/13/02	Shipping Charges	WF-6621	17.50	17.50
GE Supply	265-883867	08/14/02	Maintenance Supplies	WF-6622	1,465.50	
GE Supply	265-883879	08/14/02	Maintenance Supplies	WF-6622	89.35	1,554.85
George W. Kennedy Construction Co., Inc.	1116	08/06/02	Insurance & Bonds for QR-5	WF-6631	4,530.75	4,530.75
Glen Ellyn, Village of		08/05/02	Building Permit for MS-15/01	WF-7100	645.00	645.00
Glenbard Electric Supply, Inc.	1025537-01	08/23/02	Maintenance Supplies	WF-6622	72.09	
Glenbard Electric Supply, Inc.	1025810-01	08/30/02	Maintenance Supplies	WF-6622	59.00	
Glenbard Electric Supply, Inc.	1025811-5001	08/30/02	Meter Station Maintenance	WF-6633	820.00	951.09
Grainger	970-882334-0	08/29/02	Maintenance Supplies	WF-6622	73.00	
Grainger	973-908431-8	08/06/02	Maintenance Supplies	WF-6622	21.05	94.05
Holland & Knight		08/21/02	Legal Services: July 2002	WF-7951	9,652.80	
Holland & Knight		08/21/02	Legal Services: July 2002	WF-6251	15,795.53	25,448.33

DU PAGE WATER COMMISSION - ACCOUNTS PAYABLE 02-Aug-02 TO 05-Sep-02

ACPA0209
ACCOUNTS PAYABLE SPREADSHEET

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Home Depot	Various	08/29/02	Maintenance Supplies	WF-6622	539.73	
Home Depot	Various	08/29/02	Tank Site Maintenance	WF-6633	242.80	782.53
HSQ Technology	4981	08/23/02	SCADA Support Service: 08/01/02-08/31/02	WF-6624	450.00	450.00
Illinois Public Risk Fund	B-829	08/14/02	Workers Compensation Insurance: 09/16/02-12/14/02	WF-6415	10,751.00	10,751.00
Illinois State Police		08/12/02	Criminal Background Checks	WF-6590	250.00	250.00
Illinois State Toll Highway Authority	A1836	08/01/02	ISTHA - Lease for Radio Transmitters	WF-6810	500.00	500.00
Industrial-Commercial Filtration Systems, Inc.	2728	08/27/02	Clean and Service Smokeeater Air Cleaners	WF-6622	60.00	60.00
J.U.L.I.E.	07-02-0301	08/01/02	Utility Locates: July 2002	WF-6634	4,288.00	4,288.00
JM Process Systems, Inc.	81202 B	08/12/02	Chlorine Pump Repair Kits	WF-6621	1,839.55	
JM Process Systems, Inc.	81202 C	08/12/02	Air Release Valves	WF-6621	420.87	2,260.42
John Deere Landscapes	2312495	08/21/02	Maintenance Supplies	WF-6622	41.49	41.49
Lehman Electrical Resources	080802-1	08/08/02	Drafting Electrical Drawing into AutoCAD Format	WF-6389	1,575.00	1,575.00
McMaster-Carr Supply Company	Various	08/26/02	Water Testing	WF-6614	41.37	
McMaster-Carr Supply Company	Various	08/26/02	Chlorine System Parts	WF-6621	81.84	
McMaster-Carr Supply Company	Various	08/26/02	Maintenance Supplies	WF-6622	1,243.79	1,367.00
MCPc	4231714	08/29/02	Office Supplies	WF-6521	47.29	47.29
Mel's Ace Hardware	00991854 76	08/23/02	Office Supplies	WF-6521	3.00	
Mel's Ace Hardware	Various	08/05/02	Maintenance Supplies - August 2002	WF-6622	171.67	
Mel's Ace Hardware	00993965 76	08/28/02	Meter Station Maintenance & Repair	WF-6633	50.10	
Mel's Ace Hardware	00994453 76	08/29/02	Locator Batteries	WF-6634	18.87	
Mel's Ace Hardware	Various	08/26/02	Vehicle Maintenance	WF-6641	27.83	271.47

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Menards - Hillside	Various	08/29/02	Maintenance Supplies - August 2002	WF-6622	182.20	182.20
Naperville, City of	Various	08/21/02	Meter Sta. Service: 06/27/02-08/15/02	WF-6612	293.16	293.16
National City Bank of Indiana		08/22/02	Custodial Fees: July 2002	WF-6233	873.30	873.30
Newark Electronics	6425085	08/12/02	SCADA/Instrumentation	WF-6624	267.36	267.36
Nextel	648652511	08/24/02	Cellular Phone Serv.: 07/09/02-08/08/02	WF-6514	66.34	66.34
NICOR	2-38-82-32429	08/16/02	DPPS Service: 06/12/02-08/13/02	WF-6513	320.31	320.31
North Shore Uniform	2505	07/23/02	Uniforms: Bostick	WF-6626	102.95	
North Shore Uniform	2645	07/17/02	Uniforms: Driscoll	WF-6626	91.20	194.15
Primera	13093	08/05/02	Heating System Engineering: 07/01/02-07/31/02	WF-6389	1,260.00	
Primera	13094	08/05/02	Heating System Engineering - Res. Eng.: 07/01/02-07/31/02	WF-6389	1,064.04	2,324.04
Quill	5178718	08/21/02	Office Supplies	WF-6521	55.68	55.68
Red Wing Shoe Store	450000902	08/14/02	Safety Shoes: J. Salz, R. Ellingsworth	WF-6626	460.00	460.00
Reliable Office Supplies	BW312398	08/12/02	Office Supplies: Overcharge Credit	WF-6521	(1.80)	
Reliable Office Supplies	BXJ68998	08/21/02	Office Supplies: Overcharge Credit	WF-6521	(29.35)	
Reliable Office Supplies	XT066000	08/14/02	Office Supplies	WF-6521	294.96	
Reliable Office Supplies	XTK13500	08/06/02	Office Supplies	WF-6521	181.81	
Reliable Office Supplies	XTW83400	08/13/02	Office Supplies	WF-6521	135.10	580.72
Rental Max L.L.C.	05-286109-04	08/19/02	Rental Equip.: Redirect Footing Drains at Storage Tanks	WF-6625	919.57	
Rental Max L.L.C.	05-286110-05	08/19/02	Rental Equip.: Redirect Footing Drains at Storage Tanks	WF-6625	325.28	
Rental Max L.L.C.	05-286587-02	08/21/02	Rental Equip.: Redirect Footing Drains at Storage Tanks	WF-6625	57.78	1,302.63

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Rossi Contractors, Inc.	BOV-1	08/26/02	Cont. BOV-1: Partial Invoice No. 2	WF-6631	292,878.95 a	
Rossi Contractors, Inc.	BOV-1	08/26/02	Cont. BOV-1: Partial Invoice No. 2	WF-3520	(29,287.90) a	
Rossi Contractors, Inc.	BOV-1	08/26/02	Cont. BOV-1: Partial Invoice No. 2	WF-3530	(1,170.00) a	262,421.05
Rossi Contractors, Inc.	TW-2	08/27/02	Cont. TW-2: Partial Invoice No. 25	WF-7500	939,303.59 a	
Rossi Contractors, Inc.	TW-2	08/27/02	Cont. TW-2: Partial Invoice No. 25	WF-6631	76,096.23 a	
Rossi Contractors, Inc.	TW-2	08/27/02	Cont. TW-2: Partial Invoice No. 25	WF-3520	(101,539.98) a	
Rossi Contractors, Inc.	TW-2	08/27/02	Cont. TW-2: Partial Invoice No. 25	WF-3530	(2,460.00) a	911,399.84
Royal Graphics Printers	60490	08/29/02	Printing Expense - Invoices	WF-6531	246.47	246.47
Royal Office Products	366611	08/14/02	Office Supplies	WF-6521	163.57	163.57
Ryan Herco Products Corp.	4908376	08/27/02	Maintenance Supplies	WF-6622	150.37	150.37
SBC Ameritech	2220004	08/01/02	Pager Service: 08/01/02-08/31/02	WF-6514	131.71	
SBC Ameritech	2220004	09/01/02	Pager Service: 09/01/02-09/30/02	WF-6514	131.71	263.42
Seeco Consultants, Inc.	10393	08/23/02	Material Testing Services - TW-2: 07/16/02-08/17/02	WF-7962	9,459.25 a	
Seeco Consultants, Inc.	10393	08/23/02	Material Testing Services - BOV-1: 07/16/02-08/17/02	WF-6389	1,908.25 a	11,367.50
Sir Speedy	36513	08/06/02	TCE Status Reports	WF-6531	123.35	123.35
Skarshaug Testing Laboratory, Inc.	73579	07/16/02	Water Testing	WF-6614	27.65	
Skarshaug Testing Laboratory, Inc.	74373	08/16/02	Water Testing	WF-6614	29.38	57.03
Soooper Lube	7603	08/07/02	Vehicle Maintenance: M-79697	WF-6641	25.95	
Soooper Lube	8801	08/23/02	Vehicle Maintenance: M-127481	WF-6641	23.95	
Soooper Lube	9250	08/29/02	Vehicle Maintenance: M-63636	WF-6641	23.95	73.85
Specialty Mat Service	167815	08/12/02	Floor Mat Service: 08/12/02	WF-6622	57.25	
Specialty Mat Service	169347	08/26/02	Floor Mat Service: 08/26/02	WF-6622	57.25	114.50

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SPI Energy Group		08/01/02	Renegotiation of Power Supply Contract: 07/01/02-07/31/02	WF-6389	205.00	205.00
T & M Computer Supply Company	49658	08/09/02	Office Supplies	WF-6521	574.00	574.00
Thermographic Testing Inc.	072302-1	08/05/02	Annual Infrared Survey of Electrical Distribution System	WF-6622	550.00	550.00
ThyssenKrupp Elevator Company	359934	08/01/02	Elevator Maintenance: 08/01/02-08/31/02	WF-6395	203.94	203.94
Total Facility Maintenance, Inc.	110530	09/01/02	DPPS Cleaning Services: September 2002	WF-6622	1,867.50	
Total Facility Maintenance, Inc.	110594	08/20/02	Strip & Refinish Control Room Floor	WF-6622	150.00	
Total Facility Maintenance, Inc.	110610	08/20/02	Janitorial Supplies	WF-6622	484.50	2,502.00
Tree Towns Repro Service	641181	08/21/02	Mylar Reproductions	WF-6531	50.40	50.40
United Radio Communications	7730500	06/30/02	Replace Antenna DPPS	WF-6622	225.00	
United Radio Communications	7794500	07/30/02	Install & Hook Up Repeater Unit: M-127481	WF-6952	239.40	464.40
United States Postal Service		08/30/02	Replenish Postage Meter	WF-6532	3,000.00	3,000.00
USA BlueBook	574957	08/07/02	Maintenance Supplies	WF-6622	317.95	
USA BlueBook	577022	08/13/02	Maintenance Supplies	WF-6622	263.20	581.15
Verizon Wireless	6305692948	07/29/02	Cellular Phone Serv.: 07/29/02-08/28/02	WF-6514	89.47	
Verizon Wireless	6308462345	08/09/02	Cellular Phone Serv.: 08/09/02-09/08/02	WF-6514	83.88	
Verizon Wireless	6305692945	08/19/02	Cellular Phone Serv.: 08/19/02-09/18/02	WF-6514	62.51	
Verizon Wireless	7087104142	08/12/02	Cellular Phone Serv.: 08/12/02-09/11/02	WF-6514	66.01	301.87
Viking Office Products	279231	08/29/02	Office Supplies	WF-6521	58.42	58.42

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Villa Park Material Co. Inc.	40680	08/22/02	Tank Site Maintenance	WF-6633	277.90	277.90
Waste Management North	1329268-2008-6	08/02/02	Refuse Disposal	WF-6622	144.82	144.82
Xpect First Aid	343123874	08/20/02	First Aid Supplies	WF-6622	62.45	62.45
Total Accounts Payable						5,146,846.96

Quick Response Contract QR-6

Contractor	Labor	Non-Commission Matil, Equip. & Supplies	Owned & Rented Equipment	Priority Emergency Work	Insurance & Bonds
George W. Kennedy Construction Company, Inc. 580 Old Skokie Road Park City, Illinois 60085	45%	10%	10%	15%	\$18,150
Rossi Contractors 201 West Lake Street Northlake, Illinois 60164	40%	10%	10%	10%	\$19,500

Bid Opening: September 4, 2002 at 1:00 PM

Construction\QR-6\Spread Sheets\QR-6 Bid Results.xls



DuPage Water Commission

MEMORANDUM

TO: General Manager

FROM: Robert L. Martin, P.E.
Manager of Water Operations

A handwritten signature in black ink, appearing to read 'R. Martin', is placed over the printed name and title.

DATE: August 29, 2002

SUBJECT: Reduction of C-Factor
Status Report

Reference

With the addition of a number of new Commissioners I am attaching a copy of my January 29, 2002 status report for reference.

Pipe Loop Testing

The Chicago Department of Water (CDOW) is investigating operational strategies to reduce the aluminum concentration in the finished water without adversely impacting finished water quality. CDOW is evaluating if the reduction in aluminum levels will not result in exceeding the Lead Rule action level of 15 $\mu\text{g/L}$. To evaluate this CDOW had a lead service pipe loop testing unit constructed. This pipe loop unit will be used to evaluate various water treatment processes.

The lead services in the pipe loop unit were aged using water treated at the Jardine Treatment Plant. Then after a coating was formed on the interior of the lead services, CDOW flowed alternatively treated water (orthophosphate, blended phosphate, etc.) through various lead services.

Status

I contacted CDOW regarding the status of the evaluation. Not much has taken place since we last met on January 9, 2002. CDOW had problems generating sufficient quantities of low aluminum level water to determine the effects on the lead services in the pipe loop testing unit. CDOW has subsequently found a trailer mounted pilot treatment plant to lease to provide sufficient low aluminum level water.

CDOW will also be running full-scale tests using a portion of the Jardine Treatment Plant. In this full-scale testing CDOW will be adding orthophosphate, rather than blended phosphates, in the rapid mix to reduce the aluminum levels. This treatment process was evaluated by jar testing. In addition to the full-scale testing, CDOW will be evaluating seasonal variations of this treatment alternative.



DuPage Water Commission

MEMORANDUM

TO: General Manager

FROM: Robert L. Martin, P.E.
Manager of Water Operations

DATE: January 29, 2002

SUBJECT: Reduction of C-Factor
Status Report

A handwritten signature in black ink, appearing to read 'RL Martin', is written over the 'FROM' line of the memorandum.

Background

On June 7, 1991 the United States Environmental Protection Agency (EPA) published the Lead and Copper Rule. This rule established an action level of 15 $\mu\text{g/L}$ (0.015 mg/L) for lead. Lead is a highly toxic metal. High levels of lead in the blood can interfere with the formation of red blood cells, cause reduced birth weight or premature birth, delay physical and mental development in babies and young children, and impair mental abilities in children in general.ⁱ Most childhood exposure to lead is through old paint, soil, and dust. USEPA estimates that lead in drinking water contributes between 10 and 20 percent of total lead exposure in young children.ⁱⁱ

Lead is unusual among drinking water contaminants because it seldom occurs naturally in water supplies. Lead levels in Lake Michigan and the treated water leaving Chicago's Jardine Water Purification Plant are below the detectable level of 3 $\mu\text{g/L}$.ⁱⁱⁱ Lead levels in drinking water are generally low, with the highest levels occurring in the first-draw tap water after several hours of water stagnation in pipes and plumbing.^{iv}

Chicago Water Department

The Chicago Water Department until the mid 1980s installed lead services. Chicago in performing its initial monitoring exceeded the 15 $\mu\text{g/L}$ action level for lead and was required to perform a corrosion-control study to compare the effectiveness of pH and alkalinity adjustment, calcium adjustment, and addition of phosphate- or silica-based corrosion inhibitors. The Chicago Water Department chose to use a blended (orthopolyphosphate) phosphate. This blended phosphate consists of 60% polyphosphate and 40% orthophosphate.

To comply with the Lead and Copper rule, Chicago began the application of the blended phosphates in January 1994. In accordance with the phosphate supplier's recommendations to reduce the water's pH, Chicago stopped the addition of lime in December 1995.

DuPage Water Commission C-Factors

The Commission's distribution system consists of transmission mains ranging in size from 90" to 24" and feeder mains ranging in size from 30" to 12" that connect the transmission mains to the individual connection points. The east side of the system, which consists of the 12' diameter tunnel, the Lexington Pumping Station, 90" Transmission Main and the DuPage Pumping Station, were sized for the Commission's existing and future customer utilities. As such the funding for these facilities came from the sale of \$150 million of General Obligation Bonds, which is being reimbursed by a $\frac{1}{4}$ of 1-cent sales tax within the Commission's service area.

The size of the pipelines constructed as part of the Commission distribution system were determined using a computer hydraulic model. The diameters of the pipelines and the roughness of the pipeline materials determine the amount of water that can be transported by a pipeline. This roughness coefficient is given as a C-Factor. The higher the C-Factor the smoother the pipe and the more water that can be transported through the pipeline. The pipelines in the Commission's system were designed using a C-Factor of 100 for pipes less than 20" and 120 for pipes greater than 20". These C-Factors are considered conservative and could be expected to range from 140 to 150 for large diameter pipelines. As part of the preparation of the Five-Year Capital Improvement Plan, the Commission had C-Factor tests performed on a representative sample of pipelines to determine more accurate C-Factors.

On October 6, 1997 Pitometer & Associates performed a C-Factor test on the 90" Transmission Main. The resulting C-Factor was 79. On December 2, 1997 Commission staff re-tested the 90" Transmission Main and the resultant C-Factor was 95. Because of these low C-Factors staff examined the high points on the main to determine if there was an accumulation of air and operated the valves to verify that the valves were in the full open position. Neither items proved to be the cause of the low C-Factor. On January 7, 1998 divers entered the 90" Transmission Main to perform a visual inspection. They saw a precipitation on the wall of the pipe. A chemical analysis of the precipitation determined that it consisted of aluminum and phosphorous.

Update of Investigation

The Chicago Water Department hired Camp Dresser & McGee (CDM) to investigate this matter. CDM employed Dr. Vernon Snoeyink, University of Illinois, to assist them in their investigation. In recent meetings with the Chicago

Water Department and their consultants it was revealed that CDM has tested different corrosion inhibitors, coagulants, application points for the corrosion inhibitors and pH adjustments. These tests included jar testing, pilot plant testing and full scale testing. The changing of the application point of the phosphate corrosion inhibitor, pH adjustment, and ferric-based coagulant proved to be the most promising for reducing filtered water aluminum levels. CDM also prepared a pipe loop testing device to test the impacts of different corrosion inhibitors and concentrations on lead service lines.

Conclusions

CDM believes at this time that formation of the aluminum-phosphate solids can be minimized or eliminated by reducing the levels of aluminum, polyphosphate or both in the filtered water. The reduction of aluminum in their tests was accomplished by changing the application point of the phosphate inhibitors and by pH adjustments and ferric-based coagulants. The reduction of the polyphosphate was accomplished by using straight orthophosphate rather than blended phosphates.

CDM also feels that changing the application point of the orthophosphate is the most promising of the alternatives evaluated. While we have no basis for disagreeing with this conclusion, the Commission informed CDM that the use of pH adjustments needs to be thoroughly evaluated as it is the most commonly used method of controlling post precipitation of aluminum.

The Chicago Water Department and CDM by continuing their tests are narrowing the focus to a manageable number of potential solutions. What remains disconcerting is that after more than three years of investigations there is no discussion about translating their findings into an action plan designed to change processes and ameliorate existing conditions.

ⁱ Centers for Disease Control. *Preventing Lead Poisoning in Young Children*, Public Health Service, Atlanta, Ga. (October 1991)

ⁱⁱ Lead and Copper. Final Rule. *Fed. Reg.*, 56:26460 (June 7, 1991)

ⁱⁱⁱ Comprehensive Chemical Analysis, City of Chicago – Department of Water- Bureau of Water Quality – Water Purification Laboratories. Samples Collected May 10, 1999

^{iv} American Water Works Association. *The SDWA Advisor, Lead and Copper* (May 1, 1996)