



DuPage Water Commission

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

AGENDA

**DUPAGE WATER COMMISSION
THURSDAY, JANUARY 12, 2006
7:30 P.M.**

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

I. Roll Call

(Majority of the Commissioners then in office—minimum 7)

II. Tribute to James J. Holzwart

- Resolution No. R-1-06: A Resolution in Memoriam to James J. Holzwart

(Concurrence of a Majority of those Commissioners Present, provided there is a quorum—minimum 4)

RECOMMENDED MOTION: To adopt Resolution No. R-1-06: A Resolution in Memoriam to James J. Holzwart (Roll Call).

III. Public Comments

IV. Approval of Minutes

A. Regular Meeting of November 29, 2005

(Concurrence of a Majority of those Commissioners Present, provided there is a quorum—minimum 4)

RECOMMENDED MOTION: To approve the Minutes of the November 29, 2005 Regular Meeting of the DuPage Water Commission (Voice Vote).

B. Executive Session of November 29, 2005

(Concurrence of a Majority of those Commissioners Present, provided there is a quorum—minimum 4)

RECOMMENDED MOTION: To approve the Minutes of the November 29, 2005 Executive Session of the DuPage Water Commission (Voice Vote).

V. Treasurer's Report – November 2005 and December 2005

(Concurrence of a Majority of those Commissioners Present, provided there is a quorum—minimum 4)

RECOMMENDED MOTION: To accept the November and December 2005 Treasurer's Reports (Voice Vote).

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. Committee Reports

A. Administration Committee

1. No Meeting Scheduled

B. Engineering & Construction Committee

1. No Meeting Scheduled

C. Finance Committee

1. Report of 1/12/06 Meeting
2. Actions on Items Listed on 1/12/06 Finance Committee Agenda

VII. Chairman's Report

- Fiscal Year 2006-2007 Capital Improvement Plan Meeting

VIII. Omnibus Vote Requiring Majority Vote

- Resolution No. R-4-06: A Resolution Awarding a Contract for Designing, Furnishing, and Installing a New Back-up Telemetry System

(Concurrence of a Majority of the Appointed Commissioners—7)

RECOMMENDED MOTION: To adopt the items listed on the Majority Omnibus Vote Agenda in a single group pursuant to the Omnibus Vote Procedures (Roll Call).

IX. Omnibus Vote Requiring Super-Majority or Special Majority Vote

- A. Resolution No. R-2-06: A Resolution Awarding a Contract for the Construction of Blow-Off Valve Improvements - 90" Transmission Main (Contract BOV-2/05)

(Affirmative Majority of the Appointed Commissioners, containing the votes of at least 1/3 of the County Appointed Commissioners and 40% of the Municipal Appointed Commissioners—3 County + 3 Muni+1=7)

- B. Resolution No. R-3-06: A Resolution Approving and Ratifying Certain Work Authorization Orders under Quick Response Contract QR-7/05 at the January 12, 2006, DuPage Water Commission Meeting

(Affirmative Majority of the Appointed Commissioners, containing the votes of at least 1/3 of the County Appointed Commissioners and 40% of the Municipal Appointed Commissioners—3 County + 3 Muni+1=7)

- C. Resolution No. R-5-06: A Resolution Approving and Accepting the Proposal of Virchow, Krause & Company, LLP for Audit Services

(Affirmative Majority of the Appointed Commissioners, containing the votes of at least 1/3 of the County Appointed Commissioners and 40% of the Municipal Appointed Commissioners—3 County + 3 Muni+1=7)

RECOMMENDED MOTION: To adopt the items listed on the Super/Special Majority Omnibus Vote Agenda in a single group pursuant to the Omnibus Vote Procedures (Roll Call).

X. Old Business

A. Summary of Action Taken Since Previous Meeting

B. Status of Proposed DuPage County Subsequent Customer Agreement

XI. New Business

A. City of West Chicago's Request for Sales Tax Diversion

B. Purchase Order No. 9332 (Datastream 7i)

(TO SUSPEND PURCHASING PROCEDURES: 2/3 Majority of those Commissioners Present, provided there is a quorum—minimum 5)

(TO APPROVE: Concurrence of a Majority of the Appointed Commissioners—7)

RECOMMENDED MOTION: To suspend the purchasing procedures of the Commission's By-Laws and approve Purchase Order No. 9332 in the amount of \$40,594.00 to Datastream (Roll Call).

XII. Accounts Payable

(Concurrence of a Majority of the Appointed Commissioners—7)

RECOMMENDED MOTION: To approve the Accounts Payable in the amount of \$590.00 subject to submission of all contractually required documentation (Roll Call).

XIII. Public Comments

XIV. Executive Session

(Concurrence of a Majority of those Commissioners Present, provided there is a quorum—minimum 4)

RECOMMENDED MOTION: To go into Executive Session to discuss matters related to personnel pursuant to 5 ILCS 120/2(c)(1), to discuss acquisition of real estate pursuant to 5 ILCS 120/2(c)(5), and to discuss pending, probable or imminent litigation pursuant to 5 ILCS 120/2(c)(11) (Roll Call).

RECOMMENDED MOTION: To come out of Executive Session (Voice Vote).

XV. Adjournment

(Concurrence of a Majority of those Commissioners Present, provided there is a quorum—minimum 4)

DUPAGE WATER COMMISSION

RESOLUTION NO. R-1-06

A RESOLUTION IN MEMORIAM TO JAMES J. HOLZWART

WHEREAS, on December 10, 2005, the DuPage Water Commission and the public at large saw one of its most exceptional and steadfast public servants, James J. Holzwart, pass away, leaving behind a legacy of more than thirty years of devoted public service; and

WHEREAS, James J. Holzwart was a truly remarkable man as well as an outstanding leader and administrator, by any recognized standard of excellence; and

WHEREAS, his vision, leadership, and high standards of excellence were essential to the Commission's work in bringing Lake Michigan water to the residents of DuPage County and greatly contributed to the fine reputation the Commission has earned; and

WHEREAS, James J. Holzwart devoted his extraordinary talent and enormous energy to the completion of the Commission's initial Waterworks System on time and under budget; and

WHEREAS, throughout his tenure as General Manager of the DuPage Water Commission, James J. Holzwart always demonstrated careful attention to details and offered invaluable guidance and thoughtful comments about issues under discussion; and

WHEREAS, his commitment to public service was not limited to the Commission, serving as Executive Director of the Northwest Water Commission and as Assistant to the Village Manager of Arlington Heights; and

WHEREAS, James J. Holzwart was a respected friend and dedicated community servant whose logic, diligence, stability, and intelligence will be sorely missed by all who knew and worked with him during his many years of community service—they will treasure the experience and his memory;

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

On behalf of the DuPage Water Commission, its Customers, and the residents of DuPage County, we, the Board of Commissioners of the DuPage Water Commission, hereby posthumously express our deep and sincere appreciation to James J. Holzwart for his tireless service to the DuPage Water Commission. We also extend our heartfelt sympathy to James J. Holzwart's wife, Anita, and his family; we share in their sorrow.

AYES:

NAYS:

ABSENT:

ADOPTED THIS ____ DAY OF _____, 2006.

Chairman

ATTEST:

Clerk

**MINUTES OF A MEETING OF THE
DuPAGE WATER COMMISSION
HELD ON TUESDAY, NOVEMBER 29, 2005
600 E. BUTTERFIELD ROAD
ELMHURST, ILLINOIS**

The meeting was called to order by Chairman Vondra at 7:35 P.M.

Commissioners in attendance: E. Chaplin, T. Feltes, L. Hartwig, G. Mathews, W. Mueller, W. Murphy, A. Poole, J. Vrdolyak, G. Wilcox, D. Zeilenga, and M. Vondra

Commissioners Absent: R. Benson and R. Ferraro

Also in attendance: R. Martin, R. M. Richter, M. Crowley, C. Johnson, R. C. Bostick, F. Frelka, E. Kazmierczak, J. Schori, and K. Godden

PUBLIC COMMENTS

None

APPROVAL OF MINUTES

Commissioner Mueller moved to approve the Minutes of the October 13, 2005 Regular Meeting of the DuPage Water Commission. Seconded by Commissioner Wilcox and unanimously approved by a Voice Vote.

All voted aye. Motion carried.

Commissioner Wilcox moved to approve the Minutes of the October 13, 2005 Executive Session of the DuPage Water Commission. Seconded by Commissioner Chaplin and unanimously approved by a Voice Vote:

All voted aye. Motion carried.

TREASURER'S REPORT

In Treasurer R. Thorn's absence, Financial Administrator Richter presented the Treasurer's Report. The Treasurer's Report for the month of October 2005 showed receipts of \$8,461,978.00, disbursements of \$5,695,698.00, and a cash and investment balance of \$149,317,013.00.

Commissioner Wilcox moved to accept the October 2005 Treasurer's Report. Seconded by Commissioner Feltes and unanimously approved by a Voice Vote.

All voted aye. Motion carried.

COMMITTEE REPORTS

Administration Committee

No Administration Committee Meeting

Engineering Committee

Commissioner Wilcox reported that the Engineering Committee did not meet due to lack of a quorum. Commissioner Wilcox did note that there was an error regarding the bid opening date for the Back-up Telemetry System and that the correct date was Wednesday, December 21, 2005, at 1:00 P.M.

Finance Committee – Report by Commissioner Poole

Commissioner Poole reported that the Finance Committee favorably reviewed the October 2005 financial statements and reviewed and recommended for approval the revised Accounts Payable. Commissioner Poole then suggested that the Board consider defeasing the Commission's outstanding bonds and hiring one or more outside money managers. General Manager Martin advised that staff will look into Commissioner Poole's suggestions and report back to the Board with recommendations.

CHAIRMAN'S REPORT

None

MAJORITY OMNIBUS VOTE AGENDA

Commissioner Mueller moved to adopt the items listed on the Majority Omnibus Vote Agenda in a single group pursuant to the Omnibus Vote Procedures. Seconded by Commissioner Hartwig and unanimously approved by a Roll Call Vote:

Majority Omnibus Vote

Ayes: E. Chaplin, T. Feltes, L. Hartwig, G. Mathews, W. Mueller, W. Murphy, A. Poole, J. Vrdolyak, G. Wilcox, D. Zeilenga, and M. Vondra

Nays: None

Absent: R. Benson and R. Ferraro

Item 1: Resolution No. R-63-05: A Resolution Authorizing the Disposal of Certain Personal Property Owned by the DuPage Water Commission—"Majority Omnibus Vote"

SUPER/SPECIAL MAJORITY OMNIBUS VOTE AGENDA

Commissioner Chaplin moved to adopt the items listed on the Super/Special Majority Omnibus Vote Agenda in a single group pursuant to the Omnibus Vote Procedures. Seconded by Commissioner Wilcox and unanimously approved by a Roll Call Vote:

Super/Special Majority Omnibus Vote

Ayes: E. Chaplin, T. Feltes, L. Hartwig, G. Mathews, W. Mueller, W. Murphy, A. Poole, J. Vrdolyak, G. Wilcox, D. Zeilenga, and M. Vondra

Nays: None

Absent: R. Benson and R. Ferraro

Item 1: Resolution No. R-64-05: A Resolution Approving a First Amendment to Task Order No. 5 Under the Master Contract with Consoer Townsend Envirodyne Engineers, Inc.—“Super/Special Majority Omnibus Vote”

OLD BUSINESS

None

NEW BUSINESS

General Manager Martin made a PowerPoint® presentation concerning the draft Subsequent Customer Contract with the County of DuPage. In his presentation, General Manager Martin noted that the draft contract was negotiated by a Task Force of Commission, County, and Charter Customer representatives appointed by DuPage County Board Chairman Schillerstrom. General Manager Martin also highlighted the following major concepts embodied in the draft:

- The Contract expires in year 2024, which is the same term under the Charter Customer and all Subsequent Customer Contracts.
- DuPage County's service areas are served by a single but disjointed unit system, meaning that additional service areas will not require an additional buy-in-fee (similar to the municipal contracts).
- DuPage County will pay a one-time buy-in-fee calculated in accordance with Public Act 93-0226 and Commission Resolution No. R-70-04, which buy-in-fee will be based upon the water demand of the all DuPage County service areas in existence at the time of first service (currently estimated at \$6,228,818).
- Because the buy-in-fee does not impose any additional cost or expense on the Commission, the buy-in-fee will be financed over the 2024 life of the Contract at an annually determined interest rate of 1% over the highest interest earned on the Commission's cash reserves.
- As mandated by Public Act 93-0226, DuPage County will pay the same water rate as the Charter Customers (Operations & Maintenance, Fixed, and Underconsumption Costs).

Minutes of the 11/29/05 Meeting

- DuPage County will pay for all connection facilities (feeder mains and metering stations) with no Commission financing.
- A master meter and a remotely operated valve will be installed for each service area directly connected to the Commission.
- DuPage County will provide water storage equivalent to two times average day (minus credits for Commission storage and active shallow wells) for each service area.

After the presentation, Commissioner Zeilenga asked what would happen if the Charter Customers did not unanimously approve a waiver of the Section 12(c) provisions of the Charter Customer Contract. Staff Attorney Crowley responded that either the Charter Customer Contract would need to be amended by a 3/4th vote of the Charter Customers to eliminate the Section 12(c) procedures or the Commission would need to follow the Section 12(c) procedures before the Commission approved a Subsequent Customer Contract with DuPage County. Commissioner Vrdolyak noted that following the Section 12(c) procedures would add significant delays and expense.

Commissioner Murphy complimented the Task Force, especially County Board Member John Noel and Commission staff, in negotiating the draft contract. Commissioner Murphy noted that a smaller group of Charter Customer representatives would be meeting the first week of December to discuss the draft, with the full compliment of Charter Customer representatives meeting later that month. Commissioner Murphy suggested that even though he remained optimistic that the Charter Customers would react favorably, the Commission should proceed cautiously.

Commissioner Murphy moved to conceptually recommend consideration by the Charter Customers of the November 29, 2005, draft of the DuPage County Subsequent Customer Contract and associated Section 12(c) waiver. Seconded by Commissioner Hartwig and unanimously approved by a Voice Vote.

All voted aye. Motion carried.

ACCOUNTS PAYABLE

Commissioner Murphy moved to approve the Accounts Payable in the revised amount of \$159,555.48 subject to submission of all contractually required documentation. Seconded by Commissioner Mueller and unanimously approved by a Roll Call Vote:

Ayes: E. Chaplin, T. Feltes, L. Hartwig, G. Mathews, W. Mueller, W. Murphy, A. Poole, J. Vrdolyak, G. Wilcox, D. Zeilenga, and M. Vondra

Nays: None

Absent: R. Benson and R. Ferraro

PUBLIC COMMENTS

None

EXECUTIVE SESSION

Commissioner Mueller moved to go into Executive Session to discuss matters related to personnel pursuant to 5 ILCS 120/2(c)(1) and to discuss acquisition of real estate pursuant to 5 ILCS 120/2(c)(5). Seconded by Commissioner Feltes and unanimously approved by a Roll Call Vote.

Ayes: E. Chaplin, T. Feltes, L. Hartwig, G. Mathews, W. Mueller, W. Murphy, A. Poole, J. Vrdolyak, G. Wilcox, D. Zeilenga, and M. Vondra

Nays: None

Absent: R. Benson and R. Ferraro

The Board went into Executive Session at 8:10 P.M.

Commissioner Chaplin moved to come out of Executive Session at 8:53 P.M. Seconded by Commissioner Mathews and unanimously approved by a Voice Vote.

All voted aye. Motion carried.

Commissioner Hartwig moved to authorize Recording Secretary Godden to review the verbatim record of the November 29, 2005, Executive Session of the Chairman of the Board of Commissioners and the Chairmen of the Administration, Engineering & Construction, and Finance Committees, subject to the conditions set forth in Section III.D.1 of the Closed Session Minutes and Verbatim Record Policy attached as Exhibit A to the Commission's By-Laws. Seconded by Commissioner Murphy and unanimously approved by a Roll Call Vote.

Ayes: E. Chaplin, T. Feltes, L. Hartwig, G. Mathews, W. Mueller, W. Murphy, A. Poole, J. Vrdolyak, G. Wilcox, D. Zeilenga, and M. Vondra

Nays: None

Absent: R. Benson and R. Ferraro

Commissioner Mathews moved to adjourn the meeting at 9:00 P.M. Seconded by Commissioner Chaplin and unanimously approved by a Voice Vote.

All voted aye. Motion carried.

DU PAGE WATER COMMISSION
WATER FUND
CASH BASIS GENERAL LEDGER
STATEMENT OF REVENUES & EXPENDITURES
NOVEMBER 30, 2005

REVENUE	CURRENT MONTH			YEAR TO DATE		
	FY 2006	FY 2005	INC - (DEC)	FY 2006	FY 2005	INC - (DEC)
WATER SALES	\$ 3,532,337	3,518,513	13,824	32,340,929	30,934,619	1,406,310
SALES TAX	3,085,542	2,943,215	142,327	19,644,522	19,190,051	454,471
INVESTMENT INCOME	226,583	173,049	53,534	2,710,279	868,168	1,842,111
OTHER INCOME	-	507	-	210	109,403	(109,193)
TOTAL REVENUE	6,844,462	6,635,284	209,685	54,695,940	51,102,241	3,593,699
EXPENSES						
PERSONAL SERVICES	221,870	211,004	10,866	1,723,075	1,546,298	176,778
PROFESSIONAL SERVICES	-	2,871	(2,871)	31,431	146,075	(114,644)
CONTRACTUAL SERVICES	60,375	130,331	(69,956)	301,989	448,615	(146,626)
INSURANCE	603,489	700,605	(97,116)	616,715	728,235	(111,520)
ADMINISTRATIVE COSTS	48,123	11,001	37,122	110,538	73,903	36,635
WATER SUPPLY COSTS	4,181,471	3,530,514	650,957	32,083,979	24,498,730	7,585,249
BOND PRINCIPAL & INTEREST EXPENSE	3,006,969	3,203,863	(196,894)	18,493,319	19,427,922	(934,603)
LAND AND RIGHT OF WAY	-	-	-	-	500	(500)
CAPITAL EQUIPMENT PURCHASES	219,804	155	219,649	1,675,567	76,656	1,598,911
TOTAL OPERATING EXPENSES	8,342,101	7,790,344	551,757	55,036,614	46,946,934	8,089,680
NET OPERATING INCOME	(1,497,638)	(1,155,060)	(342,071)	(340,673)	4,155,307	(4,495,980)

FUNDS CONSIST OF:

	November 30, 2005		November 30, 2004	
PETTY CASH		800		800
CASH AT BANK ONE		7,526		1,298
CASH AT OAKBROOK BANK LOCK BOX		145,649		249,126
CASH AT VILLA PARK TRUST & SAVINGS		6,077		3,379
TOTAL CASH		160,052		254,603
	November 30, 2005	November 30, 2004	% CHANGE	
ILLINOIS FUNDS MONEY MARKET	14.96%	11.2%	17.7%	22,133,903
ILLINOIS FUNDS PRIME FUND	17.18%	33.6%	-55.1%	25,420,243
GOVERNMENT MONEY MARKET FUNDS	0.01%	0.0%	-34.6%	16,318
U. S. TREASURY INVESTMENTS	11.31%	9.7%	2.8%	16,737,843
U. S. AGENCY INVESTMENTS	38.63%	29.9%	13.4%	57,153,125
CERTIFICATES OF DEPOSIT	17.91%	15.7%	0.0%	26,500,000
TOTAL INVESTMENTS	100.0%	100.0%	-12.6%	147,961,432
TOTAL FUNDS				148,121,484

NOTE 1 - NEGATIVE AMOUNT DUE TO MATURITY OF INVESTMENT PURCHASED AT ABOVE PAR PRICE

DU PAGE WATER COMMISSION
WATER FUND
CASH BASIS GENERAL LEDGER
STATEMENT OF REVENUES & EXPENDITURES
DECEMBER 31, 2005

	CURRENT MONTH			YEAR TO DATE		
	FY 2006	FY 2005	INC - (DEC)	FY 2006	FY 2005	INC - (DEC)
REVENUE						
WATER SALES	\$ 3,952,232	5,753,269	(1,801,037)	36,293,161	27,416,107	8,877,054
SALES TAX	2,929,691	2,720,873	208,818	22,574,213	16,246,835	6,327,378
INVESTMENT INCOME	286,737	268,377	18,360	2,997,016	2,506,010	491,006
OTHER INCOME	-	-	-	210	108,897	(108,687)
TOTAL REVENUE	7,168,660	8,742,519	(1,573,859)	61,864,600	46,277,849	15,586,751
EXPENSES						
PERSONAL SERVICES	224,068	208,042	16,026	1,947,144	1,335,294	611,850
PROFESSIONAL SERVICES	2,714	16,916	(14,202)	34,145	143,204	(109,059)
CONTRACTUAL SERVICES	35,552	103,004	(67,452)	337,541	318,284	19,257
INSURANCE	-	-	-	616,715	27,630	589,085
ADMINISTRATIVE COSTS	34,659	8,998	25,660	145,197	62,902	82,295
WATER SUPPLY COSTS	3,168,887	3,365,396	(196,509)	35,252,866	20,968,216	14,284,650
BOND PRINCIPAL & INTEREST EXPENSE	-	-	-	18,493,319	16,223,954	2,269,365
LAND AND RIGHT OF WAY	-	-	-	-	500	(500)
CAPITAL EQUIPMENT PURCHASES	133,822	976	132,846	1,809,389	76,501	1,732,888
TOTAL OPERATING EXPENSES	3,599,702	3,703,333	(103,631)	58,636,316	39,156,485	19,479,830
NET OPERATING INCOME	3,568,958	5,039,186	(1,470,228)	3,228,284	7,121,363	(3,893,079)
=====						

FUNDS CONSIST OF:

PETTY CASH
CASH AT BANK ONE
CASH AT OAKBROOK BANK LOCK BOX
CASH AT VILLA PARK TRUST & SAVINGS

TOTAL CASH

ILLINOIS FUNDS MONEY MARKET
ILLINOIS FUNDS PRIME FUND
GOVERNMENT MONEY MARKET FUNDS
U. S. TREASURY INVESTMENTS
U. S. AGENCY INVESTMENTS
CERTIFICATES OF DEPOSIT

TOTAL INVESTMENTS

TOTAL FUNDS

December 31, 2005 December 31, 2004

800
7,526
3,319
3,066

800
4,634
862,990
4,969

14,711 873,393

December 31, 2005 December 31, 2004 % CHANGE

16.09% 10.5% 37.4% 24,371,280 17,738,078
16.85% 33.6% -55.0% 25,509,267 56,670,932
0.01% 0.0% -35.7% 16,942 26,367
11.83% 10.4% 2.5% 17,907,348 17,478,098
37.72% 29.8% 13.6% 57,123,426 50,278,615
17.50% 15.7% 0.0% 26,500,000 26,500,000

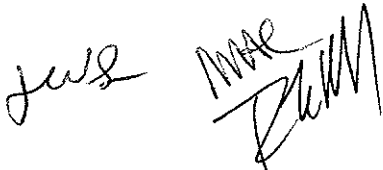
100.0% 100.0% -12.6% 151,428,263 168,692,090

===== ===== ===== 151,442,974 169,565,483

NOTE 1 - NEGATIVE AMOUNT DUE TO MATURITY OF INVESTMENT PURCHASED AT ABOVE PAR PRICE

DATE: January 6, 2006

REQUEST FOR BOARD ACTION

AGENDA SECTION	Omnibus Vote Requiring Majority Vote	ORIGINATING DEPARTMENT	Instrumentation/Remote Facilities																																	
ITEM	A Resolution Awarding a Contract for Designing, Furnishing, and Installing a New Back-Up Telemetry System Resolution No. R-4-06	APPROVAL																																		
Account Number: 01-60-6624																																				
<p>The existing Back-Up Telemetry System at the Commission's Pump Station has become obsolete and is no longer supported by the manufacturer. On November 14, 2005, the Commission solicited sealed proposals to design, furnish, and install a new back-up telemetry system, including obtaining optional price proposals for including security cameras at each tank site. The Commission also published an advertisement soliciting such proposals in the <i>Daily Herald</i>. Proposals were accepted until 1:00 p.m., local time, December 21, 2005, at which time all proposals were publicly opened and read aloud.</p> <p>Of the nine proposals received (see tabulation below), the Contract/Proposal of Elan Industries, Inc. dated December 21, 2005, in the amount of \$99,400.00 excluding the Optional Work, was the most favorable to the interests of the Commission. Because the optional security camera work was unbudgeted, and the new back-up telemetry system will support this feature at any time, the optional security camera work will be deferred until next fiscal year.</p>																																				
<table border="1"><thead><tr><th>BIDDER</th><th>Base Bid</th><th>Optional Work</th></tr></thead><tbody><tr><td>Austgen Electric</td><td>\$135,400.00</td><td>\$37,000.00</td></tr><tr><td>B&W Controls Systems</td><td>\$134,900.00</td><td>No Bid</td></tr><tr><td>CDC Enterprises, Inc.</td><td>\$177,766.00</td><td>\$40,000.00</td></tr><tr><td>Divane Bros. Electric Co.</td><td>\$222,000.00</td><td>\$40,000.00</td></tr><tr><td>Elan Industries, Inc.</td><td>\$99,400.00</td><td>\$37,000.00</td></tr><tr><td>Engineered Fluid, Inc.</td><td>\$194,265.93</td><td>No Bid</td></tr><tr><td>Farnsworth Group, Inc.</td><td>\$159,745.00</td><td>No Bid</td></tr><tr><td>HSQ Technology</td><td>\$209,770.00</td><td>\$31,250.00</td></tr><tr><td>Wunderlich-Malec Environmental</td><td>\$126,295.00</td><td>\$31,300.00</td></tr><tr><td>Engineers Estimate</td><td>\$92,978.00</td><td>\$25,300.00</td></tr></tbody></table>				BIDDER	Base Bid	Optional Work	Austgen Electric	\$135,400.00	\$37,000.00	B&W Controls Systems	\$134,900.00	No Bid	CDC Enterprises, Inc.	\$177,766.00	\$40,000.00	Divane Bros. Electric Co.	\$222,000.00	\$40,000.00	Elan Industries, Inc.	\$99,400.00	\$37,000.00	Engineered Fluid, Inc.	\$194,265.93	No Bid	Farnsworth Group, Inc.	\$159,745.00	No Bid	HSQ Technology	\$209,770.00	\$31,250.00	Wunderlich-Malec Environmental	\$126,295.00	\$31,300.00	Engineers Estimate	\$92,978.00	\$25,300.00
BIDDER	Base Bid	Optional Work																																		
Austgen Electric	\$135,400.00	\$37,000.00																																		
B&W Controls Systems	\$134,900.00	No Bid																																		
CDC Enterprises, Inc.	\$177,766.00	\$40,000.00																																		
Divane Bros. Electric Co.	\$222,000.00	\$40,000.00																																		
Elan Industries, Inc.	\$99,400.00	\$37,000.00																																		
Engineered Fluid, Inc.	\$194,265.93	No Bid																																		
Farnsworth Group, Inc.	\$159,745.00	No Bid																																		
HSQ Technology	\$209,770.00	\$31,250.00																																		
Wunderlich-Malec Environmental	\$126,295.00	\$31,300.00																																		
Engineers Estimate	\$92,978.00	\$25,300.00																																		
MOTION: To approve Resolution No. R-4-06.																																				

DuPAGE WATER COMMISSION

RESOLUTION NO. R-4-06

A RESOLUTION AWARDED A CONTRACT FOR DESIGNING,
FURNISHING, AND INSTALLING A NEW BACK-UP TELEMTRY SYTEM

WHEREAS, sealed proposals for designing, furnishing, and installing a new back-up telemetry system were received on December 21, 2005; and

WHEREAS, the DuPage Water Commission has reviewed the proposals received and determined that the proposal of Elan Industries, Inc. was the most 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 incorporated herein as findings of the DuPage Water Commission.

SECTION TWO: The DuPage Water Commission hereby awards the Contract for Designing, Furnishing, and Installing a New Back-Up Telemetry System, excluding the Adjustments in Base Bid, to Elan Industries, Inc. in the amount of \$99,400.00 as set forth in its Contract/Proposal, conditioned upon the receipt of all contractually required documentation and such other additional information that may be requested by the General Manager of the Commission in accordance with the Contract/Proposal that is acceptable to the DuPage Water Commission.

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

AYES:

NAYS:

ABSENT:

ADOPTED THIS ____ DAY OF _____, 2006.


Chairman

ATTEST:

Clerk

DATE: January 6, 2006

REQUEST FOR BOARD ACTION

AGENDA SECTION	Omnibus Vote Requiring Super-Majority or Special Majority Vote	ORIGINATING DEPARTMENT	Pipeline												
ITEM	A Resolution Awarding a Contract for the Construction of Blow-Off Valve Improvements - 90" Transmission Main (Contract BOV-2/05) Resolution No. R-2-06	APPROVAL													
Account Number: 01-60-6631															
<p>At the July 14, 2005, meeting, the Board approved Resolution No. R-41-05 authorizing the advertisement for bids on Contract BOV-2/05 for the refurbishment of blow-off valves on the Commission's 90-inch Transmission Main, including obtaining alternate bids for enclosing the valves in vaults, instead of adding the work to the BOV-1 contract for the refurbishment of all of the Commission's other blow-off valves.</p> <p>As required by state statute, the Commission advertised for bids on two separate occasions in the <i>Chicago Tribune</i>. Sealed bids were received until 1:00 p.m., local time, December 20, 2005, at which time all bids were publicly opened and read aloud.</p> <p>Of the three proposals received (see tabulation below), the proposal of Rossi Contractors, Inc. for Alternate A (No Manholes) was the most favorable to the interests of the Commission and exceeds the Engineer's estimate of \$1,740,000.00.</p> <p>The bid results were as follows:</p> <table border="1"><thead><tr><th>BIDDER</th><th>Alternate A</th><th>Alternate B</th></tr></thead><tbody><tr><td>Rossi Contractors, Inc.</td><td>\$2,527,600.00</td><td>\$4,548,000.00</td></tr><tr><td>George W. Kennedy Construction Company, Inc.</td><td>\$4,314,695.00</td><td>\$5,761,075.00</td></tr><tr><td>Kovilic Construction Company, Inc.</td><td>\$3,385,950.00</td><td>\$6,770,950.00</td></tr></tbody></table>				BIDDER	Alternate A	Alternate B	Rossi Contractors, Inc.	\$2,527,600.00	\$4,548,000.00	George W. Kennedy Construction Company, Inc.	\$4,314,695.00	\$5,761,075.00	Kovilic Construction Company, Inc.	\$3,385,950.00	\$6,770,950.00
BIDDER	Alternate A	Alternate B													
Rossi Contractors, Inc.	\$2,527,600.00	\$4,548,000.00													
George W. Kennedy Construction Company, Inc.	\$4,314,695.00	\$5,761,075.00													
Kovilic Construction Company, Inc.	\$3,385,950.00	\$6,770,950.00													
MOTION: To approve Resolution No. R-2-06.															

DuPAGE WATER COMMISSION

RESOLUTION NO. R-2-06

A RESOLUTION AWARDING A CONTRACT FOR THE CONSTRUCTION OF
BLOW-OFF VALVE IMPROVEMENTS - 90" TRANSMISSION MAIN
(Contract BOV-2/05)

WHEREAS, bids for Contract BOV-2/05: Contract for the Construction of Blow-Off Valve Improvements - 90" Transmission Main were received on December 20, 2005; and

WHEREAS, the Commission has reviewed the proposals received and determined that the proposal of Rossi Contractors, Inc. was the most 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 Contract BOV-2/05: Contract for the Construction of Blow-Off Valve Improvements - 90" Transmission Main under Alternate A (No Vaults) to Rossi Contractors, Inc., in the amount of \$2,527,600.00, conditioned upon the receipt of all contractually required documentation and such other additional information that may be requested by the General Manager of Commission in accordance with the Contract that is acceptable to the DuPage Water Commission.

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

AYES:

NAYS:

ABSENT:

ADOPTED THIS ____ DAY OF _____, 2006.

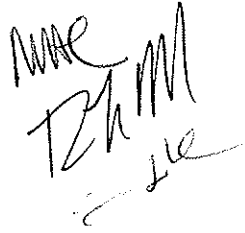
Chairman

ATTEST:

Clerk

DATE: January 6, 2006

REQUEST FOR BOARD ACTION

AGENDA SECTION	Omnibus Vote Requiring Super-Majority or Special Majority Vote	ORIGINATING DEPARTMENT	Pipeline
ITEM	A Resolution Approving and Ratifying Certain Work Authorization Orders Under Quick Response Contract QR-7/05 at the January 12, 2006, DuPage Water Commission Meeting Resolution No. R-3-06	APPROVAL	
Account Number: 01-60-6631			
<p>The Commission entered into certain agreements dated August 29, 2005, with George W. Kennedy Construction Company, Inc. and Rossi Contractors, Inc. for providing yard storage for Commission property and/or quick response construction work as needed through the issuance of Work Authorization Orders. Resolution No. R-3-06 would approve the following Work Authorization Orders under the Quick Response Contracts:</p> <p>Work Authorization Order No. 001: This work authorization is for the adjustment of certain manhole frames and lids and associated pavement repairs at Grace Street and Maple Avenue in Lombard, and at Windsor Drive and Edgewater Street in Bloomingdale. The cost of this work is \$3,770.00.</p> <p>Work Authorization Order No. 002: This work authorization is for the repair of a leak on the inlet header piping to Meter Station 7B/8F located at 75th Street and Manning Road in Darien. The cost of this work is not yet known but is estimated to be approximately \$20,00.00.</p>			
MOTION: To approve Resolution No. R-3-06.			

DuPAGE WATER COMMISSION

RESOLUTION NO. R-3-06

A RESOLUTION APPROVING AND RATIFYING
CERTAIN WORK AUTHORIZATION ORDERS
UNDER QUICK RESPONSE CONTRACT QR-7/05 AT THE
JANUARY 12, 2006, DuPAGE WATER COMMISSION MEETING

WHEREAS, the DuPage Water Commission (the "Commission") entered into certain agreements dated August 29, 2005, with George W. Kennedy Construction Company, Inc. and Rossi Contractors, Inc. for providing yard storage for Commission property and/or quick response construction work related to the Commission's Waterworks System (said agreements being hereinafter collectively referred to as "Contract QR-7/05"); and

WHEREAS, Contract QR-7/05 is designed to allow the Commission to direct one or more or all of the quick response contractors to provide yard storage for Commission property and/or quick response construction work, including, without limitation, construction, alteration and repair related to the Commission's Waterworks System, as needed through the issuance of Work Authorization Orders; and

WHEREAS, the need for such yard storage of Commission property or quick response construction work could not have been reasonably foreseen at the time the contracts were 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 Orders attached hereto and by this reference incorporated herein and made a part hereof as Exhibit 1 shall be and hereby are 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 Orders were not reasonably foreseeable at the time the contracts were signed, the Work Authorization Orders are germane to the original contracts as signed and/or the Work Authorization Orders are 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 _____, 2006

Chairman

ATTEST:

Clerk

Exhibit 1

WORK AUTHORIZATION ORDER

SHEET 1 OF 2

CONTRACT QR-7/05: QUICK RESPONSE CONTRACT

WORK AUTHORIZATION ORDER NO.: QR-7.01

LOCATION:

- ① GRACE STREET & MAPLE AVE IN LOMBARD
- ② WINDSOR DRIVE & EDGEWATER STREET IN BLOOMINGDALE

CONTRACTOR:

ROSSI CONTRACTORS INC.

DESCRIPTION OF WORK:

PAVEMENT REPAIRS ASSOCIATED WITH MANHOLE F&L
ADJUSTMENTS

REASON FOR WORK:

REPAIR PAVEMENT DAMAGED DURING FRAME & LID ADJUST-
MENT

MINIMUM RESPONSE TIME:

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

THE WORK ORDERED PURSUANT TO THIS WORK AUTHORIZATION ORDER

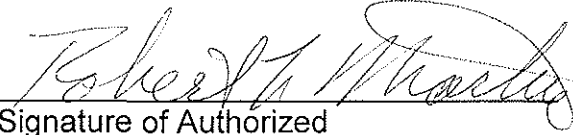
☐ IS ☒ IS NOT PRIORITY WORK

SUBMITTALS REQUESTED:

SUPPLEMENTARY CONTRACT SPECIFICATIONS AND DRAWINGS:

DUPAGE WATER COMMISSION

By:




Signature of Authorized
Representative

DATE:

12/27/05

CONTRACTOR RECEIPT ACKNOWLEDGED:

By:


Signature of Authorized
Representative

DATE:

12-29-05

WORK AUTHORIZATION ORDER

SHEET 1 OF 2

CONTRACT QR-7/05: QUICK RESPONSE CONTRACT

WORK AUTHORIZATION ORDER NO.: QR-7.02

LOCATION:

METERED STATION TB/2F (75TH STREET & MANNING RD
DAREN)

CONTRACTOR:

ROSSI CONTRACTORS INC.

DESCRIPTION OF WORK:

EXCAVATE & REPAIR LEAK IN INLET HEADER PIPING.

REASON FOR WORK:

TO REPAIR LEAK

MINIMUM RESPONSE TIME:

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

THE WORK ORDERED PURSUANT TO THIS WORK AUTHORIZATION ORDER

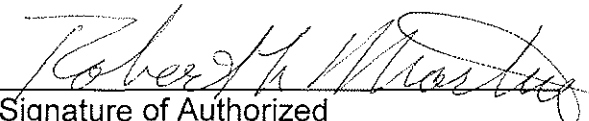
☐ IS ☒ IS NOT PRIORITY WORK

SUBMITTALS REQUESTED:

SUPPLEMENTARY CONTRACT SPECIFICATIONS AND DRAWINGS:

DUPAGE WATER COMMISSION

By:



Signature of Authorized
Representative

DATE:

12/27/05

CONTRACTOR RECEIPT ACKNOWLEDGED:

By:



Signature of Authorized
Representative

DATE:

12-29-05

DATE: January 6, 2006

REQUEST FOR BOARD ACTION

AGENDA SECTION	Omnibus Vote Requiring Super-Majority or Special Majority Vote	ORIGINATING DEPARTMENT	General Manager
ITEM	A Resolution Approving and Accepting the Proposal of Virchow, Krause & Company, LLP for Audit Services Resolution No. R-5-06	APPROVAL	
<p>Account Number: 01-60-6260</p> <p>Pursuant to the Water Supply Contract with the City of Chicago, the Commission was required to construct the Interconnection Facilities (12-foot diameter tunnel and the Lexington Pumping Station) and the City was required to reimburse the Commission for the cost of those facilities. The Water Supply Contract also requires the Commission and the City to select an independent accounting or engineering firm to determine the actual aggregate cost of the Interconnection Facilities eligible for reimbursement.</p> <p>The City initially took the position that it was only responsible for Interconnection Facilities costs incurred during a four year period commencing on the date construction of the Interconnection Facilities began. The \$80,128,809.32 incurred for the construction of the Interconnection Facilities up to May 1, 1992 (during the undisputed four year period) were audited by the firm of Kupferberg, Goldberg & Neimark (KGN) and reimbursed to the Commission. Since April 30, 1992, the Commission incurred an additional \$2,236,106.02 in costs for the Interconnection Facilities as well as for an emergency interconnection and SCADA System specifically ordered by the City.</p> <p>Though the City now agrees that the almost \$2.24 million in additional costs incurred by the Commission after April 30, 1992, are reimbursable, almost \$880,000 remains unreimbursed. Before the City will resume reimbursing the Commission for this \$880,000, the City has requested an audit of the additional costs, similar to the audit the performed on the costs incurred prior to May 1, 1992.</p> <p>In accordance with the Water Supply Contract, the Commission and the City have agreed to retain Virchow, Krause & Company, LLP, the firm that acquired the KGN auditors, to perform an audit of the additional costs. The estimated fees for this audit will be in the range of \$4,500 to \$7,250, the actual cost of which will be shared equally by the City and the Commission.</p>			
<p>MOTION: To approve Resolution No. R-5-06.</p>			

DUPAGE WATER COMMISSION

RESOLUTION NO. R-5-06

A RESOLUTION APPROVING AND ACCEPTING THE PROPOSAL
OF VIRCHOW, KRAUSE & COMPANY, LLP FOR AUDIT SERVICES

WHEREAS, on December 17, 2005, the Commission received a proposal from Virchow, Krause & Company, LLP, dated December 17, 2005, for audit services in connection with determining certain costs of the Interconnection Facilities eligible for reimbursement under the Water Supply Contract with the City of Chicago dated March 19, 1984, all as more specifically set forth in its proposal; and

WHEREAS, the Board of Commissioners of the DuPage Water Commission believes it is in the best interest of the Commission to retain the services of Virchow, Krause & Company, LLP, to perform such audit services;

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 proposal of Virchow, Krause & Company, LLP, dated December 17, 2005, for audit services in connection with determining certain costs of the Interconnection Facilities eligible for reimbursement under the Water Supply Contract with the City of Chicago dated March 19, 1984, and attached hereto and by this reference incorporated herein and made a part hereof as Exhibit A, shall be and it hereby is approved and accepted by the Board of Commissioners of the DuPage Water Commission without further act.

SECTION THREE: The General Manager of the DuPage Water Commission shall be and hereby is authorized and directed to acknowledge the Commission's acceptance of the proposal attached hereto as Exhibit A.

AYES:

NAYS:

ABSENT:

ADOPTED this _____ day of _____, 2006.

Chairman

ATTEST:

Clerk

EXHIBIT A



December 17, 2005

Mr. Robert L. Martin, P.E.
General Manager
DuPage Water Commission
600 E. Butterfield Road
Elmhurst, IL 60126

Dear Mr. Martin:

We are pleased to confirm our understanding of the nature and limitations of the services we are to provide for DuPage Water Commission ("DuPage").

We will perform the procedures listed below which were agreed to by management of DuPage, solely to assist you in the purposes of computing fixed asset costs of the facilities, equipment and reservoirs, as described in Section C. and Exhibit F of the Water Supply Contract, dated December 14, 1983, and updated in the Memorandum of Understanding dated March 15, 1989, both between the City of Chicago and the DuPage Water Commission, during the period May 1, 1992 through July 31, 1996. DuPage's Management is responsible for the Schedule of Fixed Asset Costs. Our agreed-upon procedures engagement will be conducted in accordance with attestation standards established by the American Institute of Certified Public Accountants. The sufficiency of these procedures is solely the responsibility of the DuPage Water Commission. Consequently, we make no representation regarding the sufficiency of the procedures described in the following paragraph either for the purpose for which this report has been requested or for any other purpose. If, for any reason, we are unable to complete the procedures, we will describe any restrictions on the performance of the procedures in our report, or will not issue a report as a result of this engagement.

The procedures we will perform are summarized as follows:

1. Attend meetings and participate in discussions with the Commission and the City of Chicago personnel regarding procedures to be performed for the purpose of computing fixed asset costs.
2. Read both the "Water Supply Agreement Between The City of Chicago and The DuPage Water Commission", dated December 14, 1983 and the Memorandum of Understanding between City of Chicago and DuPage Water Commission dated March 15, 1989.
3. Clerically test the schedules of costs prepared by DuPage supporting the fixed asset costs amounting to \$2,236,106.02 from May 1, 1992 through July 31, 1996.
4. Make inquiries of DuPage personnel as to the system of internal control for the allocation of fixed asset costs.
5. Compare on a test basis, fixed asset costs to copies of invoices provided by DuPage.
6. Judgmentally select a sample of invoice copies and compare these to original documents maintained by DuPage.

Mr. Robert L. Martin, P.E.
DuPage Water Commission

December 17, 2005

Page 2

7. Analytically review expenditures not specifically compared in the above procedures for reasonableness.
8. Clerically test allocations and computations provided by DuPage.
9. Verbally discuss with the City of Chicago personnel reportable findings, if any.

We are not being engaged to and will not conduct an examination, the objective of which would be the expression of an opinion the accompanying Schedule of Fixed Asset Costs. Accordingly, we will not express such an opinion.

We will submit a report listing the procedures performed and our findings. This report will be intended solely for the information and use of DuPage Water Commission and the City of Chicago, and will not be intended for and should not be used by anyone other than these specified parties. Our report will contain a statement indicating that had we performed additional procedures, other matters might have come to our attention that would have been reported to you.

At the conclusion of our engagement, we may request a representation letter from management that, among other things, will confirm management's responsibility for the presentation of the Schedule of Fixed Asset Costs in accordance with the Memorandum of Understanding and Water Supply Contract.

Invoices for our services will be rendered each month as work progresses and are payable upon presentation. In accordance with our firm policies, work may be suspended if your account becomes overdue and will not be resumed until your account is paid in full. If we elect to terminate our services for nonpayment, our engagement will be deemed to have been completed even if we have not completed our report. You will be obligated to compensate us for all time expended and to reimburse us for all out-of-pocket expenditures through the date of termination. A finance charge of 1-1/2% per month shall be imposed on accounts not paid within 30 days of the receipt of our statement for services.

We estimate that our fees for these services will range from \$4,500 to \$7,250 for the engagement. You will also be billed for travel and other out-of-pocket costs such as report production, typing, postage, etc. The fee estimate is based on anticipated cooperation from your personnel and the assumption that unexpected circumstances will not be encountered during the review. If significant additional time is necessary, we will discuss it with you and arrive at a new fee estimate before we incur the additional costs.

In the event we are requested by DuPage Water Commission, or required by government regulation, subpoena, or other legal process to produce our engagement working papers or our personnel as witnesses with respect to our services rendered for the company, so long as we are not a party to the proceeding in which the information is sought, the company will reimburse us for our professional time and expenses, as well as the fees and expenses of our counsel, incurred in responding to such a request.

You agree that our liability to you for any damages incurred as a result of this engagement shall be limited to the amount paid by you for services under this engagement or Five Thousand Dollars (\$5,000.00), whichever is greater.

No action, regardless of form, arising out of the services under this agreement may be brought by either party more than three years after the act, event or service that is subject of such action or more than one year after discovery of such act, error, or omission, whichever occurs first.

Mr. Robert L. Martin, P.E.
DuPage Water Commission

December 17, 2005
Page 3

It is agreed that all disputes that arise in connection with our engagement that cannot be mutually resolved by us shall be submitted to binding arbitration under the rules and procedures of the American Arbitration Association.

This letter comprises the complete and exclusive statement of the agreement between the parties, superseding all proposals oral or written and all other communications between the parties. If any provision of this letter is determined to be unenforceable, all other provisions shall remain in force.

We shall be pleased to discuss this letter with you at any time.

We believe the foregoing correctly sets forth our understanding, but if you have any questions, please let us know. If you find the arrangements acceptable, please acknowledge your agreement to the understanding by signing and returning to us the copy enclosed. If additional specified users of the report are added, we will require that they acknowledge in writing their responsibility for the sufficiency of these procedures.

It is a pleasure for us to be of service to you. We look forward to many years of pleasant association with you and DuPage Water Commission. Should you have any questions or comments regarding the terms of this engagement letter, please do not hesitate to call Sheldon Holzman at 312.819.4378.

Sincerely,

VIRCHOW, KRAUSE & COMPANY, LLP

Virchow, Krause & Company, LLP

Acknowledged:

This letter correctly sets forth the understanding of DuPage Water Commission:

Officer signature: _____

Title: _____

Date: _____

This letter correctly sets forth the understanding of City of Chicago:

Officer signature: *Brian S. Murphy*

Title: *Commissioner*

Date: *1-3-06*

ALVORD, BURDICK & HOWSON, L. L. C.

ENGINEERS

SERVICES
WATER SUPPLY, PURIFICATION AND DISTRIBUTION
WASTEWATER COLLECTION AND TREATMENT
FLOOD RELIEF
STORMWATER FACILITIES
INVESTIGATIONS, REPORTS AND DESIGNS
CONSTRUCTION AND OPERATION SERVICES
APPRAISALS AND RATE REPORTS

20 NORTH WACKER DRIVE • SUITE 1401

CHICAGO, IL 60606

TEL: (312) 236-9147 FAX: (312) 236-0692

E-MAIL: SERV@ABENGINEERS.COM

JOHN W. ALVORD
1861-1943

CHARLES B. BURDICK
1874-1955

LOUIS R. HOWSON
1887-1985

DONALD E. ECKMANN

DR. YA-TAI LIN

J. WARREN GREEN

BON G. MUI

DR. RAY S.T. CHENG

WILLIAM L. MEINHOLZ

RICHARD D. SHEA

MEMBERS

AMERICAN COUNCIL OF ENGINEERING COMPANIES
AMERICAN PUBLIC WORKS ASSOCIATION
AMERICAN SOCIETY OF CIVIL ENGINEERS
AMERICAN WATER WORKS ASSOCIATION
CHICAGOLAND CHAMBER OF COMMERCE
NATIONAL ASSOCIATION OF
CORROSION ENGINEERS
WATER ENVIRONMENT FEDERATION
WESTERN SOCIETY OF ENGINEERS

December 27, 2005

Chairman Vondra and Commissioners
DuPage Water Commission
600 East Butterfield Road
Elmhurst, IL 60126

Re: Bid Report

Contract BOV-2/05, Blow-Off Valve Improvements for
90" Transmission Main

Dear Commissioners:

On Tuesday, December 20, 2005, at 1:00 p.m. local time in the Commission's offices in Elmhurst, Illinois, sealed bids for the referenced project were publicly opened and read aloud.

PROJECT

The project consists of furnishing all materials, labor, tools and appliances, including construction equipment, and all bolts, valves, and other materials, excavating, inspecting, and replacing bolts in bonnets and stuffing boxes for 29 existing blow-off valves of the double disk gate valve type, and all associated work, in Cook County, Illinois.

PROPOSALS RECEIVED

Three contractors submitted proposals. The proposals ranged from a low of \$2,527,600 to a high of \$4,314,695 for Alternate A (no manholes) and from a low of \$4,548,000 to a high of \$6,770,950 for Alternate B (manholes included).

All three bidders included, with their respective bids, bid security in the amount of 10% of the bid amount (Kovilic's bid bond was unsigned). All three bidders acknowledged receipt of Addendum No. 1. The multiplication and addition of each bidder's proposal was checked and found to be correct.

LAST MINUTE CHANGES

The bidders were permitted to make last-minute price changes in their bids by using the

appropriate line items in the proposal. One bidder (George W. Kennedy) used that option to reduce their Alternate B bid by \$70,000.00.

ANALYSIS OF BIDS

The table below shows the bids received:

Alternate A Bids (No manholes)

<u>Ranking</u>	<u>Bidder</u>	<u>Alternate A Total Bid</u>
Low Bidder	Rossi Contractors, Inc.	\$2,527,600
Second Low Bidder	Kovilic Construction Co.	\$3,385,950
High Bidder	George W. Kennedy Construction	\$4,314,695

Alternate B Bids (Manholes included)

<u>Ranking</u>	<u>Bidder</u>	<u>Alternate B Total Bid</u>
Low Bidder	Rossi Contractors, Inc.	\$4,548,000
Second Low Bidder	George W. Kennedy Construction	\$5,761,075*
High Bidder	Kovilic Construction Co.	\$6,770,950

* corrected for "Last Minute" change

EXPERIENCE OF THE LOW BIDDER

The Commission has had a great deal of experience with Rossi Contractors, Inc., the Low Bidder for both alternates. Rossi Contractors, Inc. was the contractor for Contract BOV-1/02, and successfully completed that project. Rossi Contractors, Inc. is presently completing the 72" transmission main (Contract TIB-1/03).

ATTACHMENTS

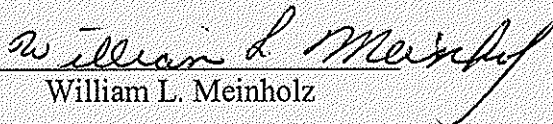
Attached to this report are tables summarizing the proposals received, and the complete proposal for the Low Bidder.

RECOMMENDATION

We recommend the Contract be awarded to the Low Bidder, Rossi Contractors, Inc., 201 W. Lake Street, Northlake, Illinois 60164 in the amount of \$2,527,600 for Alternate A. This recommendation is subject to compliance with all legal requirements precedent to the closing.

Respectfully submitted,

ALVORD, BURDICK & HOWSON, L.L.C.

By 
William L. Meinholz

ATTACHMENT

**TABULATION
OF
BIDS**

DUPAGE WATER COMMISSION
BLOW-OFF VALVE IMPROVEMENTS FOR 90" TRANSMISSION MAIN
CONTRACT BOV-2/05

Bid Date: December 20, 2005
ENR Construction Cost Index 7646.87

Bidder	Rossi Contractors, Inc. Northlake, Illinois	Kovilic Construction Co. Franklin Park, Illinois	George W. Kennedy Construction Co. Park City, Illinois
Alternate A Bid Amount	\$2,527,600	\$3,385,950	\$4,314,695
Bid Adjustment	none	none	none
Total Bid	\$2,527,600	\$3,385,950	\$4,314,695
Alternate B Bid Amount	\$4,548,000	\$6,770,950	\$5,831,075
Bid Adjustment	none	none	\$70,000
Total Bid	\$4,548,000	\$6,770,950	\$5,761,075
Bid Security	yes	unsigned bid bond	yes
Addendum #1	yes	yes	yes

ATTACHMENT

**SCHEDULE OF PRICES
OF
LOW BIDDER**

PROPOSAL**SCHEDULE OF PRICES**

For providing, performing, and completing all Work, the sum of the products resulting from multiplying the number of acceptable units of Unit or Indeterminate Unit Price Items listed below incorporated in the Work by the Unit or Indeterminate Unit Price set forth below for such Unit or Indeterminate Unit Price Item:

A. ALTERNATE A UNIT PRICES (MANHOLES NOT INCLUDED)**COMPLETE TABLE AS INDICATED**

	Alternate A <u>Unit Price Item</u>	<u>Unit</u>	<u>Valve</u>	<u>Extension</u>
A-1	Step 1- Excavate, Replace Bonnet & Stuffing Box Bolts, Check Valve End Bolts, Backfill and Restore Surface	Lump Sum	Valve #1	\$94,600
A-2	Step 1 - Excavate, Replace Bonnet & Stuffing Box Bolts, Check Valve End Bolts, Backfill and Restore Surface	Lump Sum	Valve #2	\$127,800
A-3	Step 1- Excavate, Replace Bonnet & Stuffing Box Bolts, Check Valve End Bolts, Backfill and Restore Surface	Lump Sum	Valve #3	\$75,000
A-4	Step 1- Excavate, Replace Bonnet & Stuffing Box Bolts, Check Valve End Bolts, Backfill and Restore Surface	Lump Sum	Valve #4	\$75,000
A-5	Step 1 - Excavate, Replace Bonnet & Stuffing Box Bolts, Check Valve End Bolts, Backfill and Restore Surface	Lump Sum	Valve #5	\$85,200
A-6	Step 1- Excavate, Replace Bonnet & Stuffing Box Bolts, Check Valve End Bolts, Backfill and Restore Surface	Lump Sum	Valve #6	\$66,300
A-7	Step 1- Excavate, Replace Bonnet & Stuffing Box Bolts, Check Valve End Bolts, Backfill and Restore Surface	Lump Sum	Valve #7	\$94,400
A-8	Step 1 - Excavate, Replace Bonnet & Stuffing Box Bolts, Check Valve End Bolts, Backfill and Restore Surface	Lump Sum	Valve #8	\$50,300
A-9	Step 1- Excavate, Replace Bonnet & Stuffing Box Bolts, Check Valve End Bolts, Backfill and Restore Surface	Lump Sum	Valve #9	\$53,100

PROPOSAL

	Alternate A <u>Unit Price Item</u>	<u>Unit</u>	<u>Valve</u>	<u>Extension</u>
A-10	Step 1- Excavate, Replace Bonnet & Stuffing Box Bolts, Check Valve End Bolts, Backfill and Restore Surface	Lump Sum	Valve #10	\$110,900
A-11	Step 1- Excavate, Replace Bonnet & Stuffing Box Bolts, Check Valve End Bolts, Backfill and Restore Surface	Lump Sum	Valve #11	\$21,800
A-12	Step 1- Excavate, Replace Bonnet & Stuffing Box Bolts, Check Valve End Bolts, Backfill and Restore Surface	Lump Sum	Valve #12	\$46,500
A-13	Step 1- Excavate, Replace Bonnet & Stuffing Box Bolts, Check Valve End Bolts, Backfill and Restore Surface	Lump Sum	Valve #13	\$57,500
A-14	Step 1- Excavate, Replace Bonnet & Stuffing Box Bolts, Check Valve End Bolts, Backfill and Restore Surface	Lump Sum	Valve #14	\$64,800
A-15	Step 1- Excavate, Replace Bonnet & Stuffing Box Bolts, Check Valve End Bolts, Backfill and Restore Surface	Lump Sum	Valve #15	\$61,800
A-16	Step 1- Excavate, Replace Bonnet & Stuffing Box Bolts, Check Valve End Bolts, Backfill and Restore Surface	Lump Sum	Valve #16	\$50,300
A-17	Step 1- Excavate, Replace Bonnet & Stuffing Box Bolts, Check Valve End Bolts, Backfill and Restore Surface	Lump Sum	Valve #17	\$45,100
A-18	Step 1- Excavate, Replace Bonnet & Stuffing Box Bolts, Check Valve End Bolts, Backfill and Restore Surface	Lump Sum	Valve #18	\$45,100
A-19	Step 1- Excavate, Replace Bonnet & Stuffing Box Bolts, Check Valve End Bolts, Backfill and Restore Surface	Lump Sum	Valve #19	\$70,300
A-20	Step 1- Excavate, Replace Bonnet & Stuffing Box Bolts, Check Valve End Bolts, Backfill and Restore Surface	Lump Sum	Valve #20	\$78,500
A-21	Step 1- Excavate, Replace Bonnet & Stuffing Box Bolts, Check Valve End Bolts, Backfill and Restore Surface	Lump Sum	Valve #21	\$75,000
A-22	Step 1- Excavate, Replace Bonnet & Stuffing Box Bolts, Check Valve End Bolts, Backfill and Restore Surface	Lump Sum	Valve #22	\$57,500

PROPOSAL

Alternate A		<u>Unit</u>	<u>Valve</u>	<u>Extension</u>
<u>Unit Price Item</u>				
A-23	Step 1- Excavate, Replace Bonnet & Stuffing Box Bolts, Check Valve End Bolts, Backfill and Restore Surface	Lump Sum	Valve #23	\$59,200
A-24	Step 1- Excavate, Replace Bonnet & Stuffing Box Bolts, Check Valve End Bolts, Backfill and Restore Surface	Lump Sum	Valve #24	\$57,200
A-25	Step 1- Excavate, Replace Bonnet & Stuffing Box Bolts, Check Valve End Bolts, Backfill and Restore Surface	Lump Sum	Valve #25	\$51,300
A-26	Step 1- Excavate, Replace Bonnet & Stuffing Box Bolts, Check Valve End Bolts, Backfill and Restore Surface	Lump Sum	Valve #26	\$19,400
A-27	Step 1- Excavate, Replace Bonnet & Stuffing Box Bolts, Check Valve End Bolts, Backfill and Restore Surface	Lump Sum	Valve #27	\$46,400
A-28	Step 1- Excavate, Replace Bonnet & Stuffing Box Bolts, Check Valve End Bolts, Backfill and Restore Surface	Lump Sum	Valve #28	\$49,500
A-29	Step 1- Excavate, Replace Bonnet & Stuffing Box Bolts, Check Valve End Bolts, Backfill and Restore Surface	Lump Sum	Valve #29	\$62,800
A-30	Work at Previously Abandoned Blow-Off Valve	Lump Sum	Abandoned (Valve #7A)	\$5,500

Alternate A		<u>Unit</u>	Approximate Number of <u>Units</u>	Price <u>Per Unit</u>	<u>Extension</u>
<u>Unit Price Item</u>					
A-31	Initial Anodes for Corrosion Control	Each	110	\$ 290.00	\$31,900
A-32	Traffic Control and Protection	Lump Sum	1	\$43,300.00	\$43,300
A-33	Additional Anodes for Corrosion Control	Each	35	\$ 320.00	\$11,200

PROPOSAL

SUBTOTAL OF ALTERNATE A (the sum of the extensions of A):

One million nine hundred forty four thousand five hundred Dollars and zero Cents
(in writing) (in writing)

\$ 1,944,500 Dollars and 00 Cents
(in figures) (in figures)

B. ALTERNATE B UNIT PRICES (MANHOLES INCLUDED)

COMPLETE TABLE AS INDICATED

	Alternate B Unit Price Item	Unit	Valve	Extension
B-1	Step 2 - Excavate, Replace Bonnet & Stuffing Box Bolts, Construct Manhole Around Gate Valve, Move Riser Pipe to Accommodate Manhole, Backfill and Restore Surface	Lump Sum	Valve #1	\$161,100
B-2	Step 2 - Excavate, Replace Bonnet & Stuffing Box Bolts, Construct Manhole Around Gate Valve, Move Riser Pipe to Accommodate Manhole, Backfill and Restore Surface	Lump Sum	Valve #2	\$194,600
B-3	Step 2 - Excavate, Replace Bonnet & Stuffing Box Bolts, Construct Manhole Around Gate Valve, Move Riser Pipe to Accommodate Manhole, Backfill and Restore Surface	Lump Sum	Valve #3	\$138,900
B-4	Step 2 - Excavate, Replace Bonnet & Stuffing Box Bolts, Construct Manhole Around Gate Valve, Move Riser Pipe to Accommodate Manhole, Backfill and Restore Surface	Lump Sum	Valve #4	\$138,900
B-5	Step 2 - Excavate, Replace Bonnet & Stuffing Box Bolts, Construct Manhole Around Gate Valve, Move Riser Pipe to Accommodate Manhole, Backfill and Restore Surface	Lump Sum	Valve #5	\$150,700
B-6	Step 2 - Excavate, Replace Bonnet & Stuffing Box Bolts, Construct Manhole Around Gate Valve, Move Riser Pipe to Accommodate Manhole, Backfill and Restore Surface	Lump Sum	Valve #6	\$130,000
B-7	Step 2 - Excavate, Replace Bonnet & Stuffing Box Bolts, Construct Manhole Around Gate Valve, Move Riser Pipe to Accommodate Manhole, Backfill and Restore Surface	Lump Sum	Valve #7	\$162,500

PROPOSAL

Alternate B		<u>Unit</u>	<u>Valve</u>	<u>Extension</u>
	<u>Unit Price Item</u>			
B-8	Step 2 - Excavate, Replace Bonnet & Stuffing Box Bolts, Check Valve End Bolts, Backfill and Restore Surface	Lump Sum	Valve #8	\$ 50,300 Same as Alternate A Unit Price Item No. A-8 (Step 1 Work; No Manhole)
B-9	Step 2 - Excavate, Replace Bonnet & Stuffing Box Bolts, Construct Manhole Around Gate Valve, Move Riser Pipe to Accommodate Manhole, Backfill and Restore Surface	Lump Sum	Valve #9	\$116,700
B-10	Step 2 - Excavate, Replace Bonnet & Stuffing Box Bolts, Construct Manhole Around Gate Valve, Move Riser Pipe to Accommodate Manhole, Backfill and Restore Surface	Lump Sum	Valve #10	\$164,000
B-11	Step 2 - Excavate, Replace Bonnet & Stuffing Box Bolts, Construct Manhole Around Gate Valve, Move Riser Pipe to Accommodate Manhole, Backfill and Restore Surface	Lump Sum	Valve #11	\$111,000
B-12	Step 2 - Excavate, Replace Bonnet & Stuffing Box Bolts, Construct Manhole Around Gate Valve, Move Riser Pipe to Accommodate Manhole, Backfill and Restore Surface	Lump Sum	Valve #12	\$125,600
B-13	Step 2 - Excavate, Replace Bonnet & Stuffing Box Bolts, Construct Manhole Around Gate Valve, Move Riser Pipe to Accommodate Manhole, Backfill and Restore Surface	Lump Sum	Valve #13	\$135,900
B-14	Step 2 - Excavate, Replace Bonnet & Stuffing Box Bolts, Construct Manhole Around Gate Valve, Move Riser Pipe to Accommodate Manhole, Backfill and Restore Surface	Lump Sum	Valve #14	\$144,800
B-15	Step 2 - Excavate, Replace Bonnet & Stuffing Box Bolts, Construct Manhole Around Gate Valve, Move Riser Pipe to Accommodate Manhole, Backfill and Restore Surface	Lump Sum	Valve #15	\$127,100
B-16	Step 2 - Excavate, Replace Bonnet & Stuffing Box Bolts, Construct Manhole Around Gate Valve, Move Riser Pipe to Accommodate Manhole, Backfill and Restore Surface	Lump Sum	Valve #16	\$127,100
B-17	Step 2 - Excavate, Replace Bonnet & Stuffing Box Bolts, Construct Manhole Around Gate Valve, Move Riser Pipe to Accommodate Manhole, Backfill and Restore Surface	Lump Sum	Valve #17	\$121,200

PROPOSAL

Alternate B		<u>Unit</u>	<u>Valve</u>	<u>Extension</u>
	<u>Unit Price Item</u>			
B-18	Step 2 - Excavate, Replace Bonnet & Stuffing Box Bolts, Construct Manhole Around Gate Valve, Move Riser Pipe to Accommodate Manhole, Backfill and Restore Surface	Lump Sum	Valve #18	\$122,600
B-19	Step 2 - Excavate, Replace Bonnet & Stuffing Box Bolts, Construct Manhole Around Gate Valve, Move Riser Pipe to Accommodate Manhole, Backfill and Restore Surface	Lump Sum	Valve #19	\$135,600
B-20	Step 2 - Excavate, Replace Bonnet & Stuffing Box Bolts, Construct Manhole Around Gate Valve, Move Riser Pipe to Accommodate Manhole, Backfill and Restore Surface	Lump Sum	Valve #20	\$159,600
B-21	Step 2 - Excavate, Replace Bonnet & Stuffing Box Bolts, Construct Manhole Around Gate Valve, Move Riser Pipe to Accommodate Manhole, Backfill and Restore Surface	Lump Sum	Valve #21	\$138,900
B-22	Step 2 - Excavate, Replace Bonnet & Stuffing Box Bolts, Construct Manhole Around Gate Valve, Move Riser Pipe to Accommodate Manhole, Backfill and Restore Surface	Lump Sum	Valve #22	\$121,200
B-23	Step 2 - Excavate, Replace Bonnet & Stuffing Box Bolts, Construct Manhole Around Gate Valve, Move Riser Pipe to Accommodate Manhole, Backfill and Restore Surface	Lump Sum	Valve #23	\$137,400
B-24	Step 2 - Excavate, Replace Bonnet & Stuffing Box Bolts, Construct Manhole Around Gate Valve, Move Riser Pipe to Accommodate Manhole, Backfill and Restore Surface	Lump Sum	Valve #24	\$121,200
B-25	Step 2 - Excavate, Replace Bonnet & Stuffing Box Bolts, Construct Manhole Around Gate Valve, Move Riser Pipe to Accommodate Manhole, Backfill and Restore Surface	Lump Sum	Valve #25	\$128,600
B-26	Step 2 - Excavate, Replace Bonnet & Stuffing Box Bolts, Construct Manhole Around Gate Valve, Move Riser Pipe to Accommodate Manhole, Backfill and Restore Surface	Lump Sum	Valve #26	\$109,300
B-27	Step 2 - Excavate, Replace Bonnet & Stuffing Box Bolts, Construct Manhole Around Gate Valve, Move Riser Pipe to Accommodate Manhole, Backfill and Restore Surface	Lump Sum	Valve #27	\$107,900

PROPOSAL

Alternate B		<u>Unit</u>	<u>Valve</u>	<u>Extension</u>
<u>Unit Price Item</u>				
B-28	Step 2 - Excavate, Replace Bonnet & Stuffing Box Bolts, Construct Manhole Around Gate Valve, Move Riser Pipe to Accommodate Manhole, Backfill and Restore Surface	Lump Sum	Valve #28	\$126,300
B-29	Step 2 - Excavate, Replace Bonnet & Stuffing Box Bolts, Construct Manhole Around Gate Valve, Move Riser Pipe to Accommodate Manhole, Backfill and Restore Surface	Lump Sum	Valve #29	\$140,400
B-30	Work at Previously Abandoned Blow-Off Valve	Lump Sum	Abandoned (Valve #7A)	\$5,500 Same as Alternate A Unit Price Item No. A-30

Alternate B		Approximate		Price	
<u>Unit Price Item</u>		<u>Unit</u>	<u>Number of Units</u>	<u>Per Unit</u>	<u>Extension</u>
B-31	Initial Anodes for Corrosion Control	Each	110	\$ 310.00	\$34,100
B-32	Traffic Control and Protection	Lump Sum	1	\$ 63,650	\$63,650
B-33	Additional Anodes for Corrosion Control	Each	35	\$ 350.00	\$12,250

SUBTOTAL OF ALTERNATE B (the sum of the extensions of B):

Three million nine hundred sixty-four thousand nine hundred Dollars and zero Cents
(in writing) (in writing)

\$3,964,900 Dollars and 00 Cents
(in figures) (in figures)

PROPOSAL

C. INDETERMINATE UNIT PRICES

COMPLETE TABLE AS INDICATED

	Indeterminate Unit Price Item	Unit	Approximate Number of Units	Price Per Unit	Extension
I-1	Step 3 - Dewatering of Owner's Water Main	C.F.	420,000	\$ 0.50	\$ 210,000
I-2	Step 4 - Repair External Leakage	Each	2	\$ 18,800	\$ 37,600
I-3	Step 5 - Retirement of Blow- Off Valve	Each	2	\$ 10,100	\$ 20,200
I-4	Step 6 - Installation of Replacement Valve	Each	2	\$ 20,200	\$ 40,400
I-5	Step 7 - Replacement of Valve and Piping Joint Bolts	Each	2	\$ 8,700	\$ 17,400
I-6	Step 5 alt. Seal Plate Work for Retirement of Blow-Off Valve	Each	2	\$ 13,100	\$ 26,200
I-7	Repair of Damage to Exterior Coating of Prestressed Concrete Pipe	S.F.	250	\$ 480.00	\$ 120,000
I-8	Granular Foundation Material	C.Y.	1,000	\$ 10.00	\$ 10,000
I-9	Class "SI" Concrete	C.Y.	100	\$ 100.00	\$ 10,000
I-10	Class B Concrete	C.Y.	100	\$ 100.00	\$ 10,000
I-11	Pavement, remove & replace- portland cement concrete surface	S.Y.	50	\$ 115.00	\$ 5,750
I-12	Pavement, remove & replace- bituminous concrete surface- Rigid Base	S.Y.	50	\$ 101.50	\$ 5,075
I-13	Pavement, remove & replace- bituminous concrete surface - Flexible Base (B.A.M.)	S.Y.	50	\$ 109.00	\$ 5,450
I-14	Pavement, remove & replace- bituminous concrete surface Flexible Base (Aggregate)	S.Y.	100	\$ 58.00	\$ 5,800
I-15	Concrete Sidewalk Remove & Replace	S.F.	100	\$ 7.50	\$ 750

PROPOSAL

	Indeterminate Unit Price Item	Unit	Approximate Number of Units	Price Per Unit	Extension
I-16	Curb & Gutter Remove & Replace	L.F.	30	\$ <u>23.75</u>	\$ 712.50
I-17	Bike Path Remove & Replace	S.Y.	100	\$ <u>32.50</u>	\$ 3,250
I-18	Relocate 8" D.I. Pipe Water Main	L.F.	20	\$ <u>101.95</u>	\$ 2,039
I-19	10" DIP Sewer Replacement	L.F.	20	\$ <u>107.95</u>	\$ 2,159
I-20	Sod Replacement in Park District Property at Valve #2	S.Y.	50	\$ <u>10.50</u>	\$ 525
I-21	Sod Replacement	S.Y.	20	\$ <u>12.00</u>	\$ 240
I-22	Rock Excavation	C.Y.	10	\$ <u>124.95</u>	\$ 1,249.50
I-23	Flowable Trench Backfill (CLSM) Materials	C.Y.	500	\$ <u>96.00</u>	\$ 48,000
I-24	Over-Excavation Resulting from Abandonment of Manhole	C.Y.	100	\$ <u>1.00</u>	\$ 100
I-25	Additional Granular Backfill Resulting from Abandonment of Manhole	C.Y.	100	\$ <u>1.00</u>	\$ 100
I-26	Additional Soil Backfill Resulting from Abandonment of Manhole	C.Y.	100	\$ <u>1.00</u>	\$ 100

SUBTOTAL OF DIVISION C (the sum of the extensions of C):

Five hundred eighty-three thousand one hundred Dollars and zero Cents
(in writing) (in writing)

\$583,100 Dollars and 00 Cents
(in figures) (in figures)

PROPOSAL

ALTERNATE A (NO MANHOLES)-TOTAL CONTRACT PRICE (the sum of the extensions of A plus the sum of the extensions of C):

Two million five hundred twenty-seven thousand six hundred Dollars and zero Cents
(in writing) (in writing)

\$2,527,600 Dollars and 00 Cents
(in figures) (in figures)

ALTERNATE B (MANHOLES)-TOTAL CONTRACT PRICE (the sum of the extensions of B plus the sum of the extensions of C):

Four million five hundred forty-eight thousand Dollars and zero Cents
(in writing) (in writing)

\$4,548,000 Dollars and 00 Cents
(in figures) (in figures)

NOTE: FOR "METHOD OF MEASUREMENT AND PAYMENT," SEE SECTION 12 OF THE SPECIFICATIONS.

If there is a "Last Minute" change in a price for an item in this Schedule of Prices, Bidder may utilize the item below to avoid changing the tabulated extension of the affected Unit or Indeterminate Unit Price Item and resulting Subtotals and Contract Price Total. The amount, if any, shown in the item below shall be added or deducted to the Total Contract Price for the Work, as indicated by Bidder by placing an "X" in the applicable box or boxes below. **Any Bidder's Proposal that fails to indicate whether the amount or amounts shown are to be added to or deducted from the Contract Price Total for such Unit or Indeterminate Unit Price Item may be rejected or may be interpreted as a "deduct."**

We will ☐ ADD \$ _____

or

☐ DEDUCT \$ _____

for _____


(Describe the Unit or Indeterminate Unit Price Item No. and/or Basis for the Change)



DuPage Water Commission

MEMORANDUM

TO: Chairman and Commissioners

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

DATE: January 6, 2006

SUBJECT: Summary of Action Since Previous Meeting

1. A presentation was made to the Mayors/Presidents and Managers/Administrators of the municipal customer utilities on December 20, 2005 for the proposed County of DuPage proposed subsequent customer contract. A presentation is scheduled for the DuPage County Board Public Works Committee on January 10, 2006.



BOND, DICKSON & ASSOCIATES, P.C.

ATTORNEYS AT LAW

PATRICK K. BOND
MARY E. DICKSON

KEITH E. LETSCHE
M. NEAL SMITH

January 5, 2006

VIA FACSIMILE TRANSMISSION AND U.S. MAIL

Robert L. Martin, P.E.
General Manager
DuPage Water Commission
600 E. Butterfield Road
Elmhurst, IL 60126

RE: City of West Chicago/DuPage Water Commission
Our File No. 01-542(01)

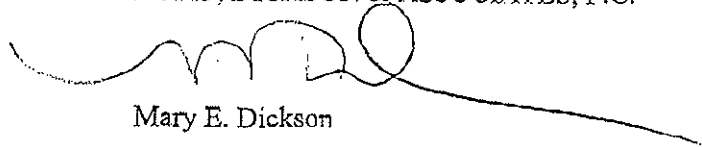
Dear Mr. Martin:

Please be advised that I represent the City of West Chicago. In this capacity, I have been requested to inform you that the City of West Chicago respectfully requests the Water Commission's consideration of a legislative proposal whereby sales tax revenues derived by the Commission from businesses and patrons of businesses in West Chicago would be diverted from the Commission to the City in order to support the City's waterworks facilities. West Chicago Mayor Michael Fortner has discussed this proposal with various members of the Commission, and we would now like to make a presentation of this proposal to the full Board of Commissioners. For this purpose, I request that you place this item on the January 12, 2006 Commission agenda, if possible. For information purposes, I also enclose herein a copy of a draft resolution the City of West Chicago will consider for adoption, which outlines what we hope to be the positions of the parties, as well as a very rough draft of legislation for this purpose. The legislation will, of course, need to be reviewed by bond counsel to ensure that it is acceptable and does not implicate the sale tax in any way.

Please call me at your earliest convenience at the telephone number provided herein to let me know if my request for placement on the agenda is possible. I thank you in advance for your assistance in this request, and I look forward to discussing this issue with you.

Very truly yours,

BOND, DICKSON & ASSOCIATES, P.C.



Mary E. Dickson

MED/bms
Enclosures

cc: Michael Vondra, Chairman
Members, DuPage Water Commission
Mayor Michael Fortner, Mayor, City of West Chicago
Michael Guttman, City Administrator

203 EAST LIBERTY DRIVE, WHEATON, ILLINOIS 60187
Telephone (630) 681-1000 Facsimile (630) 681-1020
bondickson@sbcglobal.net

DRAFT

1/5/06

RESOLUTION NO. 06-R-___

A RESOLUTION REQUESTING THE DUPAGE WATER COMMISSION'S SUPPORT
OF A LEGISLATIVE AMENDMENT
TO THE COUNTY WATER COMMISSION RETAILERS' OCCUPATION TAX

WHEREAS, the City of West Chicago (hereafter "West Chicago") is one of many municipalities within DuPage County which is within the planning area of the DuPage Water Commission (hereinafter "Commission"); and

WHEREAS, the Commission is a public corporation, political subdivision, and unit of local government created under the Water Commission Act of 1985, 70 ILCS 3720/0.01 *et seq.*, and Division 135 of Article 11 of the Illinois Municipal Code, 65 ILCS 5/11-135-1 *et seq.* (collectively, the "Act"), for the purpose of securing an adequate source and economical supply of water for its customers; and

WHEREAS, pursuant to the Act, the Commission is authorized (i) to issue general obligation bonds and to levy real property taxes sufficient to pay the principal of and interest thereon, (ii) to levy annually real property taxes for its corporate purposes at a rate not to exceed 0.005 percent of the equalized or assessed value of the taxable property within its territory, and (iii) to impose a sales tax at a rate not to exceed $\frac{1}{4}$ of one percent on sales of certain tangible personal property within its territory; and

WHEREAS, the Commission has fully abated the real property taxes described in clause (i) above and, since 1990, has not levied the real property taxes described in clause (ii) above; and

WHEREAS, with the exception of certain local governments that received, as of the effective date of the Water Commission Act of 1985, more than twenty-five percent of their water from sources outside DuPage County ("Excluded Units"), the territory of all other local governments with waterworks systems and having within their corporate limits territory within DuPage County ("Included Units") is included in the territory of the Commission for purposes of taxation; and

WHEREAS, the territory of the Commission for purposes of taxation consists primarily of DuPage County (including all of its unincorporated areas), but includes the Cook County and Will County portions of the Included Units and excludes the DuPage County portions of the Excluded Units; and

WHEREAS, West Chicago is an Included Unit under the Water Commission Act of 1985 and, as such, residents, businesses, and patrons of businesses located in West Chicago have paid Commission sales and property taxes, and continue to pay Commission sales taxes, to fund the construction of portions of the Commission's Waterworks System; and

PROPOSED RESOLUTION NO. 06-R-_____

WHEREAS, the portions of the initial Waterworks System paid for by the Commission's sales and property taxes, including sales and property taxes collected from residents, businesses, and patrons of businesses located in West Chicago, consist of those supply components that were designed and built to serve the future needs of the entire DuPage County service area and include only the elements of the Waterworks System necessary to bring Lake Michigan water from the end of the City of Chicago's tunnel system to the eastern edge of DuPage County; and

WHEREAS, those supply components were designed and built to allow for the addition of new customers at no significant additional cost for new capital facilities to supply the forecasted maximum daily water requirements of DuPage County and its projected one million residents in the year 2020; and

WHEREAS, the Commission's Waterworks System was declared operational May 1, 1992, and provides a dependable long-term supply of Lake Michigan water, improves the quality of water furnished within the Commission's service area, and reduces depletion of the shallow and deep aquifers; and

WHEREAS, residents, businesses, and patrons of businesses located in West Chicago have paid Commission sales taxes and, to a lesser extent, Commission property taxes, to construct the supply components of the Waterworks System and, with respect to Commission sales taxes, to expand the distribution components of the Waterworks System for the benefit of all existing and future users; and

WHEREAS, on August 7, 1999, the City Council retained a consultant to begin designing plans that would allow West Chicago to treat the water within its jurisdiction and boundaries; and

WHEREAS, over the subsequent five-and-one-half years, West Chicago completed design and then constructed its own water treatment infrastructure at a cost of \$31 million; and

WHEREAS, since January 17, 2005, West Chicago's Water Treatment Plant has been fully operational, and is now in compliance with the federally mandated radium standard and is, in all other respects, compliant with all EPA guidelines; and

WHEREAS, completion of this Water Treatment Plant means there is no longer a current or future need to utilize the Commission's infrastructure to carry Lake Michigan water to the West Chicago; and

WHEREAS, in consideration of West Chicago's decision to forego its option to obtain service from the Commission in the future, and to relinquish its right to a water allocation from the Commission, West Chicago has suggested consideration of legislation which would allow the Commission to divert revenues generated by the sale tax from businesses and patrons of businesses located within West Chicago, to the City of West Chicago for use in paying to support the City's waterworks system; and

WHEREAS, to encourage the Water Commission to support the legislation suggested herein, if said legislation is enacted by the Illinois legislature, West Chicago is willing to forego

PROPOSED RESOLUTION NO. 06-R-_____

any right, title or claim it may have to revenues generated prior to January 1, 2005 from the residents, businesses and patrons of businesses located in West Chicago; and

WHEREAS, as to those revenues generated after January 1, 2005 from the residents, businesses and patrons of businesses located in West Chicago, West Chicago proposes that it enter into an Intergovernmental Agreement with the Commission, whereby the Commission will pay to West Chicago the sums at issue, solely to be used to support the debt service and operational costs of West Chicago's waterworks system; and

WHEREAS, West Chicago acknowledges that if the Commission determines, by resolution duly adopted, to support the legislation suggested herein, and to enter into the Intergovernmental Agreement contemplated herein, then the Commission's determination will be made in contemplation of and in reliance upon the acknowledgements hereby made in this Resolution.

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF WEST CHICAGO IN REGULAR SESSION ASSEMBLED, AS FOLLOWS:

Section 1. That the foregoing recitals are incorporated herein and made a part hereof as findings of the City Council of the City of West Chicago.

Section 2. That West Chicago supports state legislation that would allow the Water Commission to divert to the City of West Chicago the revenues it receives through the County Water Commission Retailers' Occupation tax from businesses and patrons of businesses located in West Chicago. Toward that end, the Mayor is hereby directed to work with Senator John Milner and the Commission to draft this legislation.

Section 3. That West Chicago seeks the support of the DuPage Water Commission for the legislation proposed, on the terms and acknowledgements made herein, such that the parties will jointly aggressively pursue enactment of the legislation in the coming legislative session.

Section 4. That, if the Water Commission agrees to support the legislation referenced herein, the City will relinquish its right to a water allocation from the Commission, while, at the same time, it will agree to serve as a secondary supply as needed pursuant to the terms of an intergovernmental agreement acceptable to all parties..

Section 5. That the City staff be, and hereby is, directed to work with the staff of the Water Commission to draft an Intergovernmental Agreement whereby the Commission will pay to the City of West Chicago all monies paid to the Commission since January 1, 2005, from businesses and patrons of business located in West Chicago.

Section 6. That the City Clerk is hereby authorized and directed to transmit a certified copy of this Resolution to the Commission, County Board Chairman Schillerstrom, the DuPage County Board Members and Senator Milner.

PROPOSED RESOLUTION NO. 06-R-_____

Section 7. That all resolutions, or parts thereof, in conflict with the provisions of this Resolution are, to the extent of such conflict, expressly repealed.

Section 8. That this Resolution shall be in full force and effect upon its passage and approval in accordance with law.

ADOPTED this __ day of January 2006.

AYES: _____
NAYES: _____
ABSTAIN: _____
ABSENT: _____

Mayor

ATTEST:

City Clerk

3720/4. Taxes; proposition; enforcement; reimbursement; refunds; trust fund

§ 4. (a) The board of commissioners of any county water commission may, by ordinance, impose throughout the territory of the commission any or all of the taxes provided in this Section for its corporate purposes, and for the benefit of those included units which, while in the territory of the commission, do not take water from the commission, or any member of the commission. However, no county water commission may impose any such tax unless the commission has first certified the proposition of imposing the tax to the proper election officials, who shall submit the proposition to the voters residing in the territory at an election in accordance with the general election law, and the proposition has been approved by a majority of those voting on the proposition.

The proposition shall be in the form provided in Section 5 or shall be substantially in the following form:

 : Shall the (insert corporate : : :
 : name of county water commis- : YES : :
 : sion) impose (state type of tax : : :

 : or taxes to be imposed) at the : : :
 : rate of 1/4%? : NO : :

Taxes imposed under this Section and civil penalties imposed incident thereto shall be collected and enforced by the State Department of Revenue. The Department shall have the power to administer and enforce the taxes and to determine all rights for refunds for erroneous payments of the taxes.

(b) The board of commissioners may impose a County Water Commission Retailers' Occupation Tax, to support its corporate purpose and to assist in funding the waterworks system of any included unit which does not receive its supply of water from the commission or another member of the commission, and which enters into an intergovernmental agreement with the commission for receipt of tax revenues from the commission upon all persons engaged in the business of selling tangible personal property at retail in the territory of the commission at a rate of 1/4% of the gross receipts from the sales made in the course of such business within the territory. The tax imposed under this paragraph and all civil penalties that may be assessed as an incident thereof shall be collected and enforced by the State Department of Revenue. The Department shall have full power to administer and enforce this paragraph; to collect all taxes and penalties due hereunder; to dispose of taxes and penalties so collected in the manner hereinafter provided; and to determine all rights to credit memoranda arising on account

of the erroneous payment of tax or penalty hereunder. In the administration of, and compliance with, this paragraph, the Department and persons who are subject to this paragraph shall have the same rights, remedies, privileges, immunities, powers and duties, and be subject to the same conditions, restrictions, limitations, penalties, exclusions, exemptions and definitions of terms, and employ the same modes of procedure, as are prescribed in Sections 1, 1a, 1a-1, 1c, 1d, 1e, 1f, 1i, 1j, 2 through 2-65 [FN1] (in respect to all provisions therein other than the State rate of tax except that food for human consumption that is to be consumed off the premises where it is sold (other than alcoholic beverages, soft drinks, and food that has been prepared for immediate consumption) and prescription and nonprescription medicine, drugs, medical appliances and insulin, urine testing materials, syringes, and needles used by diabetics, for human use, shall not be subject to tax hereunder), 2c, 3 [FN2] (except as to the disposition of taxes and penalties collected), 4, 5, 5a, 5b, 5c, 5d, 5e, 5f, 5g, 5h, 5i, 5j, 5k, 5l, 6, 6a, 6b, 6c, 7, 8, 9, 10, 11, 12 and 13 of the Retailers' Occupation Tax Act [FN3] and Section 3-7 of the Uniform Penalty and Interest Act, [FN4] as fully as if those provisions were set forth herein.

Persons subject to any tax imposed under the authority granted in this paragraph may reimburse themselves for their seller's tax liability hereunder by separately stating the tax as an additional charge, which charge may be stated in combination, in a single amount, with State taxes that sellers are required to collect under the Use Tax Act [FN5] and under subsection (e) of Section 4.03 of the Regional Transportation Authority Act, [FN6] in accordance with such bracket schedules as the Department may prescribe.

Whenever the Department determines that a refund should be made under this paragraph to a claimant instead of issuing a credit memorandum, the Department shall notify the State Comptroller, who shall cause the warrant to be drawn for the amount specified, and to the person named, in the notification from the Department. The refund shall be paid by the State Treasurer out of a county water commission tax fund established under paragraph (g) of this Section.

For the purpose of determining whether a tax authorized under this paragraph is applicable, a retail sale by a producer of coal or other mineral mined in Illinois is a sale at retail at the place where the coal or other mineral mined in Illinois is extracted from the earth. This paragraph does not apply to coal or other mineral when it is delivered or shipped by the seller to the purchaser at a point outside Illinois so that the sale is exempt under the Federal Constitution as a sale in interstate or foreign commerce.

If a tax is imposed under this subsection (b) a tax shall also be imposed under subsections (c) and (d) of this Section.

No tax shall be imposed or collected under this subsection on the sale of a motor vehicle in this State to a resident of another state if that motor vehicle will not be titled in this State.

Nothing in this paragraph shall be construed to authorize a county water commission to impose a tax upon the privilege of engaging in any business which under the Constitution of the United States may not be made the subject of taxation by this State.

(c) If a tax has been imposed under subsection (b), a County Water Commission Service Occupation Tax shall also be imposed for the same purposes as the tax allowed under subsection (b) upon all persons engaged, in the territory of the commission, in the business of making sales of service, who, as an incident to making the sales of service, transfer tangible personal property within the territory. The tax rate shall be 1/4% of the selling price of tangible personal property so transferred within the territory. The tax imposed under this paragraph and all civil penalties that may be assessed as an incident thereof shall be collected and enforced by the State Department of Revenue. The Department shall have full power to administer and enforce this paragraph; to collect all taxes and penalties due hereunder; to dispose of taxes and penalties so collected in the manner hereinafter provided; and to determine all rights to credit memoranda arising on account of the erroneous payment of tax or penalty hereunder. In the administration of, and compliance with, this paragraph, the Department and persons who are subject to this paragraph shall have the same rights, remedies, privileges, immunities, powers and duties, and be subject to the same conditions, restrictions, limitations, penalties, exclusions, exemptions and definitions of terms, and employ the same modes of procedure, as are prescribed in Sections 1a-1, 2 [FN7] (except that the reference to State in the definition of supplier maintaining a place of business in this State shall mean the territory of the commission), 2a, 3 through 3-50 [FN8] (in respect to all provisions therein other than the State rate of tax except that food for human consumption that is to be consumed off the premises where it is sold (other than alcoholic beverages, soft drinks, and food that has been prepared for immediate consumption) and prescription and nonprescription medicines, drugs, medical appliances and insulin, urine testing materials, syringes, and needles used by diabetics, for human use, shall not be subject to tax hereunder), 4 [FN9] (except that the reference to the State shall be to the territory of the commission), 5, 7, 8 [FN10] (except that the jurisdiction to which the tax shall be a debt to the extent indicated in that Section 8 shall be the commission), 9 [FN11] (except as to the disposition of taxes and penalties collected and except that the returned merchandise credit for this tax may not be taken against any State tax), 10, 11, 12 [FN12] (except the reference therein to Section 2b of the Retailers' Occupation Tax Act), [FN13] 13 [FN14] (except that any reference to the State shall mean the territory of the commission), the first paragraph of Section 15, 15.5, 16, 17, 18, 19 and 20 of the Service Occupation Tax Act [FN15] as fully as if those provisions were set forth herein.

Persons subject to any tax imposed under the authority granted in this paragraph may reimburse themselves for their serviceman's tax liability hereunder by separately stating the tax as an additional charge, which charge may be stated in combination, in a single amount, with State tax that servicemen are authorized to collect under the Service Use Tax Act, and any tax for which servicemen may be liable under subsection (f) of Sec. 4.03 of the Regional Transportation Authority Act, in accordance with such bracket schedules as the Department may prescribe.

Whenever the Department determines that a refund should be made under this paragraph to a claimant instead of issuing a credit memorandum, the Department shall notify the State Comptroller, who shall cause the warrant to be drawn for the amount specified, and to the person named, in the notification from the Department. The refund shall be paid by the State Treasurer out of a county water commission tax fund established under paragraph (g) of this Section.

Nothing in this paragraph shall be construed to authorize a county water commission to impose a tax upon the privilege of engaging in any business which under the Constitution of the United States may not be made the subject of taxation by the State.

(d) If a tax has been imposed under subsection (b), a tax for the same purposes as under subsection (b) shall also imposed upon the privilege of using, in the territory of the commission, any item of tangible personal property that is purchased outside the territory at retail from a retailer, and that is titled or registered with an agency of this State's government, at a rate of 1/4% of the selling price of the tangible personal property within the territory, as "selling price" is defined in the Use Tax Act. The tax shall be collected from persons whose Illinois address for titling or registration purposes is given as being in the territory. The tax shall be collected by the Department of Revenue for a county water commission. The tax must be paid to the State, or an exemption determination must be obtained from the Department of Revenue, before the title or certificate of registration for the property may be issued. The tax or proof of exemption may be transmitted to the Department by way of the State agency with which, or the State officer with whom, the tangible personal property must be titled or registered if the Department and the State agency or State officer determine that this procedure will expedite the processing of applications for title or registration.

The Department shall have full power to administer and enforce this paragraph; to collect all taxes, penalties and interest due hereunder; to dispose of taxes, penalties and interest so collected in the manner hereinafter provided; and to determine all rights to credit memoranda or refunds arising on account of the erroneous payment of tax, penalty or interest hereunder. In the administration of, and compliance with this paragraph, the Department and persons who are subject to this paragraph shall have the same rights, remedies, privileges, immunities, powers and duties, and be subject to the same conditions, restrictions, limitations, penalties, exclusions, exemptions and definitions of terms and employ the same modes of procedure, as are prescribed in Sections 2 [FN16] (except the definition of "retailer maintaining a place of business in this State"), 3 through 3-80 [FN17] (except provisions pertaining to the State rate of tax, and except provisions concerning collection or refunding of the tax by retailers, and except that food for human consumption that is to be consumed off the premises where it is sold (other than alcoholic beverages, soft drinks, and food that has been prepared for immediate consumption) and prescription and nonprescription medicines, drugs, medical appliances and insulin, urine testing materials, syringes, and needles used by diabetics, for human use, shall not be subject to tax hereunder), 4, 11, 12, 12a, 14, 15, 19 [FN18]. (except the portions pertaining to claims by retailers and except the last paragraph concerning

refunds), 20, 21 and 22 of the Use Tax Act [FN19] and Section 3-7 of the Uniform Penalty and Interest Act [FN20] that are not inconsistent with this paragraph, as fully as if those provisions were set forth herein.

Whenever the Department determines that a refund should be made under this paragraph to a claimant instead of issuing a credit memorandum, the Department shall notify the State Comptroller, who shall cause the order to be drawn for the amount specified, and to the person named, in the notification from the Department. The refund shall be paid by the State Treasurer out of a county water commission tax fund established under paragraph (g) of this Section.

(e) A certificate of registration issued by the State Department of Revenue to a retailer under the Retailers' Occupation Tax Act [FN21] or under the Service Occupation Tax Act [FN22] shall permit the registrant to engage in a business that is taxed under the tax imposed under paragraphs (b), (c) or (d) of this Section and no additional registration shall be required under the tax. A certificate issued under the Use Tax Act or the Service Use Tax Act [FN23] shall be applicable with regard to any tax imposed under paragraph (c) of this Section.

(f) Any ordinance imposing or discontinuing any tax under this Section shall be adopted and a certified copy thereof filed with the Department on or before June 1, whereupon the Department of Revenue shall proceed to administer and enforce this Section on behalf of the county water commission as of September 1 next following the adoption and filing. Beginning January 1, 1992, an ordinance or resolution imposing or discontinuing the tax hereunder shall be adopted and a certified copy thereof filed with the Department on or before the first day of July, whereupon the Department shall proceed to administer and enforce this Section as of the first day of October next following such adoption and filing. Beginning January 1, 1993, an ordinance or resolution imposing or discontinuing the tax hereunder shall be adopted and a certified copy thereof filed with the Department on or before the first day of October, whereupon the Department shall proceed to administer and enforce this Section as of the first day of January next following such adoption and filing.

(g) The State Department of Revenue shall, upon collecting any taxes as provided in this Section, pay the taxes over to the State Treasurer as trustee for the commission. The taxes shall be held in a trust fund outside the State Treasury. On or before the 25th day of each calendar month, the State Department of Revenue shall prepare and certify to the Comptroller of the State of Illinois the amount to be paid to the commission, which shall be the then balance in the fund, less any amount determined by the Department to be necessary for the payment of refunds. Within 10 days after receipt by the Comptroller of the certification of the amount to be paid to the commission, the Comptroller shall cause an order to be drawn for the payment for the amount in accordance with the direction in the certification.

(h) Any taxes received by the commission which have been collected by the Department of Revenue from any included unit which has its own waterworks and does not receive its

supply of water from the commission, shall be remitted to the included unit, if it has entered into an intergovernmental agreement concerning payment of said tax revenues, within 10 days of receipt by the Commission, which shall then use said tax revenues solely to support its waterworks system, and for no other purpose.

Formerly Ill.Rev.Stat.1991, ch. 111 2/3 , ¶ 254.

[FN1] 35 ILCS 120/1, 120/1a, 120/1a-1, 120/1c, 120/1d, 120/1e, 120/1f, 120/1i, 120/1j, 120/2 through 120/2-65.

[FN2] 35 ILCS 120/2c, 120/3.

[FN3] 35 ILCS 120/4, 120/5, 120/5a, 120/5b, 120/5c, 120/5d, 120/5e, 120/5f, 120/5g, 120/5h, (repealed), 120/5i, 120/5j, 120/5k, 120/5l, 120/6, 120/6a, 120/6b, 120/6c, 120/7, 120/8, 120/9, 120/10, 120/11, 120/12 and 120/13.

[FN4] 35 ILCS 735/3-7.

[FN5] 35 ILCS 105/1 et seq.

[FN6] 70 ILCS 3615/4.03.

[FN7] 35 ILCS 120/1a-1, 120/2.

[FN8] 35 ILCS 120/2a, 120/3 through 120/3-50.

[FN9] 35 ILCS 120/4.

[FN10] 35 ILCS 120/5, 120/7, 120/8.

[FN11] 35 ILCS 120/9.

[FN12] 35 ILCS 120/10, 35 ILCS 120/11, 120/12.

[FN13] 35 ILCS 120/2b.

[FN14] 35 ILCS 115/13.

[FN15] 35 ILCS 115/15, 115/15.5, 115/16, 115/17, 115/18, 115/19, and 115/20.

[FN16] 35 ILCS 105/2.

[FN17] 35 ILCS 105/3 through 105/3-80.

DRAFT LEGISLATION

1/4/06

[FN18] 35 ILCS 105/4, 105/11, 105/12, 105/12a, 105/14, 105/15, 105/19.

[FN19] 35 ILCS 105/20, 105/21, and 105/22.

[FN20] 35 ILCS 735/3-7.

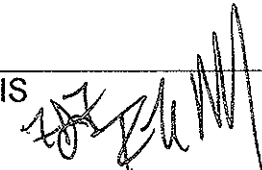
[FN21] 35 ILCS 120/1 et seq.

[FN22] 35 ILCS 115/1 et seq.

[FN23] 35 ILCS 110/1 et seq.

DATE: January 4, 2006

REQUEST FOR BOARD ACTION

AGENDA SECTION	New Business	ORIGINATING DEPARTMENT	GIS 
ITEM	Purchase Order No. 9332	APPROVAL	
<p>Account Number: 01-60-6851</p> <p>The Commission currently uses the MP2 maintenance management software package to manage its considerable preventive and corrective maintenance effort. MP2 is a multi-function Microsoft Access database application produced by Datastream Systems, Inc. of Greenville, South Carolina. Staff uses MP2 to generate recurring and emergent work orders, record equipment maintenance history, produce purchase requisitions and manage spare parts and material inventory.</p> <p>MP2 is approaching the end of its product life cycle and will no longer be supported by Datastream after 2006. Therefore, it is recommended that the Commission upgrade to Datastream 7i Express which is Datastream's new and improved web services-based maintenance management program. Datastream 7i is a significant improvement over MP2 in that it uses an Internet browser, as opposed to a stand-alone program installed on each user's PC, as the user interface. The 7i Express installation includes: five user licenses; eight core maintenance management modules (asset management; preventive maintenance; work order management; materials management; usage monitoring and meters; key performance indicators; reporting; and system administration); staff training; project management; on-site consulting and implementation services; technical support; and product upgrades for the first year. The cost for this upgrade is \$40,594.00.</p> <p>The most immediate tangible benefit of 7i Express will be the upgrade from MP2. However, 7i is fully customizable and able to be integrated with GIS and other applications such as the financial management system. The City of Chicago Water Department plans to use Datastream 7i to manage the Lexington Pumping Station. This will improve the flow of maintenance information between the City and the Commission.</p>			
<p>MOTION: To approve Purchase Order No. 9332 in the amount of \$40,594.00 to Datastream Systems, Inc.</p>			

600 E. BUTTERFIELD ROAD
ELMHURST, IL 60126-4642
(630) 834-0100 • FAX: (630) 834-0120

TO: ATTN: JIM MALOAN DATASTREAM	SHIP TO: ATTN: FRANK FRELKA
50 DATASTREAM PLAZA	ABOVE ADDRESS
GRENNVILLE, SC 29605	

[illegible]

This Purchase Order Number must appear on all invoices, acknowledgments, bills of lading, correspondence and shipping cartons. Please notify us if you are unable to ship complete order by date specified.

Please send 2 copies of your i

AUTHORIZED SIGNATURE

ROBERT L. MARTIN

PACKET: 00309 HOLD FOR BOARD MEETING
VENDOR SET: 01 DUPAGE WATER COMMISSION
SEQUENCE : ALPHABETIC
DUE TO/FROM ACCOUNTS SUPPRESSED

Accounts Payable

-----ID-----			GROSS	P.O. #		
POST DATE	BANK CODE	-----DESCRIPTION-----	DISCOUNT	G/L ACCOUNT	-----ACCOUNT NAME-----	DISTRIBUTION
=====						
01-1101		HOLLAND & KNIGHT LLP				

I-2006010522		LEGAL SERVICES: NOVEMBER 200	590.00			
12/31/2005	IL	DUE: 12/06/2005 DISC: 12/06/2005				
		LEGAL SERVICES: NOVEMBER 2005		01 60-6251	LEGAL SERVICES- GENERAL	590.00
=== VENDOR TOTALS ===			590.00			
=== PACKET TOTALS ===			590.00			

PACKET: 00309 HOLD FOR BOARD MEETING
VENDOR SET: 01 DUPAGE WATER COMMISSION
SEQUENCE : ALPHABETIC
DUE TO/FROM ACCOUNTS SUPPRESSED

** T O T A L S **

INVOICE TOTALS	590.00
DEBIT MEMO TOTALS	0.00
CREDIT MEMO TOTALS	0.00

BATCH TOTALS	590.00
--------------	--------

** G/L ACCOUNT TOTALS **

					=====LINE ITEM=====				=====GROUP BUDGET=====			
BANK	YEAR	ACCOUNT	NAME	AMOUNT	ANNUAL BUDGET	BUDGET AVAILABLE	OVER BUDG		ANNUAL BUDGET	BUDGET AVAILABLE	OVER BUDG	
	2005-2006	01 -60-6251	LEGAL SERVICES- GENERAL	590.00	80,000	70,871.10						
			** 2005-2006 YEAR TOTALS	590.00								

1/05/2006 12:16 PM

A/P Regular Open Item Register

PAGE: 3

PACKET: 00309 HOLD FOR BOARD MEETING
VENDOR SET: 01 DUPAGE WATER COMMISSION
SEQUENCE : ALPHABETIC
DUE TO/FROM ACCOUNTS SUPPRESSED

** POSTING PERIOD RECAP **

FUND	PERIOD	AMOUNT
01	12/2005	590.00

NO ERRORS

** END OF REPORT **

TOTAL ERRORS: 0

VENDOR SET: 01 Du Page Water Commission

VENDOR: ALL VENDORS

BANK: IL ILLINOIS FUNDS

DATES: 11/01/2005 THRU 11/30/2005

AMOUNT: 0.00 THRU 999,999,999.99

Items Paid

VENDOR I.D.	NAME	STATUS	CHECK DATE	AMOUNT	DISCOUNT	CHECK NO	CHECK AMOUNT
C-CHECK	VOID CHECK	V	11/11/2005	0.00		000940	
1086	A TO Z ALL PURPOSE RENTAL, INC						
I-12005	ADMINISTRATIVE EXPENSE	R	11/28/2005	123.50		000979	123.50
	*** VENDOR TOTALS ***					1 CHECKS	123.50
1325	A.R.D.C.						
I-2005112353	A.R.D.C. REGISTRATION-CROWLEY	R	11/28/2005	239.00		000980	239.00
	*** VENDOR TOTALS ***					1 CHECKS	239.00
1294	ACCOUNTEMPS						
I-14418817	TEMPORARY ACCOUNTANT	R	11/11/2005	2,188.80		000929	
I-14468293	TEMPORARY ACCOUNTANT	R	11/11/2005	2,188.80		000929	4,377.60
1294	ACCOUNTEMPS						
I-14518356	TEMPORARY ACCOUNTANT	R	11/28/2005	2,188.80		000981	
I-14567064	TEMPORARY ACCOUNTANT	R	11/28/2005	1,751.04		000981	3,939.84
	*** VENDOR TOTALS ***					2 CHECKS	8,317.44
1168	ADMIRAL MECHANICAL SERVICES						
I-30740	HVAC SERVICE	R	11/11/2005	222.00		000930	222.00
	*** VENDOR TOTALS ***					1 CHECKS	222.00
1133	ALVORD, BURDICK & HOWSON, LLC						
I-116 OT	TIB-1	R	11/11/2005	335.35		000931	
I-2005294	TIB-1	R	11/11/2005	28,482.98		000931	
I-2005295	TIB-1	R	11/11/2005	8,661.56		000931	
I-99	TW-2	R	11/11/2005	3,477.60		000931	40,957.49
	*** VENDOR TOTALS ***					1 CHECKS	40,957.49
1318	ANTHONY ROOFING, LTD.						
I-321745307	REPAIRS TO ROOF	R	11/11/2005	530.00		000932	530.00
	*** VENDOR TOTALS ***					1 CHECKS	530.00
1138	AT&T						
I-2005110931	DPPS LONG DIST. SERV. - 10/05	R	11/11/2005	406.46		000933	406.46
	*** VENDOR TOTALS ***					1 CHECKS	406.46
1072	AVALON PETROLEUM COMPANY						
I-466642	GASOLINE	R	11/11/2005	2,529.00		000934	2,529.00

VENDOR SET: 01 Du Page Water Commission

VENDOR: ALL VENDORS

BANK: IL ILLINOIS FUNDS

DATES: 11/01/2005 THRU 11/30/2005

AMOUNT: 0.00 THRU 999,999,999.99

VENDOR I.D.	NAME	STATUS	CHECK DATE	AMOUNT	DISCOUNT	CHECK NO	CHECK AMOUNT
1072	AVALON PETROLEUM COMPANY						
I-462676	GASOLINE	R	11/28/2005	2,259.00		000982	2,259.00
	*** VENDOR TOTALS ***					2 CHECKS	4,788.00
1015	AZ COMMERCIAL PROGRAM						
I-2568036338	VEHICLE MAINTENANCE: M-63637	R	11/28/2005	24.99		000983	24.99
	*** VENDOR TOTALS ***					1 CHECKS	24.99
1049	CAMP DRESSER & MCKEE INC.						
I-80214389/11	PIPE LOOP TESTING: 8/21-10/15	R	11/11/2005	2,800.45		000935	2,800.45
	*** VENDOR TOTALS ***					1 CHECKS	2,800.45
1177	CATHODIC PROTECTION MANAGEMENT						
I-1604	90" TRANS. CORR. MIT. SYSTEM	R	11/11/2005	1,880.50		000936	
I-CP-3 # 8	CORROSION SURVEY	R	11/11/2005	29,120.59		000936	31,001.09
	*** VENDOR TOTALS ***					1 CHECKS	31,001.09
1134	CITY OF CHICAGO DEPARTMENT OF						
I-2005112248	LEX. PUMP STA. LABOR: 09/05	R	11/28/2005	30,566.46		000984	30,566.46
1134	CITY OF CHICAGO DEPARTMENT OF						
I-2005112249	LEX. STA. ELECT.: 08/30-09/28	R	11/28/2005	100,751.54		000985	100,751.54
1134	CITY OF CHICAGO DEPARTMENT OF						
I-2005112250	LEX. STA. ELECT.: 07/29-08/30	R	11/28/2005	108,969.94		000986	108,969.94
	*** VENDOR TOTALS ***					3 CHECKS	240,287.94
1153	CHICAGO SUBURBAN EXPRESS, INC.						
I-0875435	SHIPPING FOR MAINT. SUPPLIES	R	11/11/2005	57.94		000937	57.94
1153	CHICAGO SUBURBAN EXPRESS, INC.						
I-0919988	FREIGHT ON MAINT. SUPPLIES	R	11/28/2005	36.23		000987	36.23
	*** VENDOR TOTALS ***					2 CHECKS	94.17
1135	CITY OF CHICAGO SUPERINTENDENT						
I-2005110426	WATER BILLING: 10/01-10/31/05	R	11/11/2005	3,436,310.74		000938	3,436,310.74
	*** VENDOR TOTALS ***					1 CHECKS	3,436,310.74
1091	CINTAS FIRST AID & SAFETY						
I-0343314245	FIRST AID SUPPLIES	R	11/28/2005	167.70		000988	167.70
	*** VENDOR TOTALS ***					1 CHECKS	167.70

VENDOR SET: 01 Du Page Water Commission
 VENDOR: ALL VENDORS
 BANK: IL ILLINOIS FUNDS
 DATES: 11/01/2005 THRU 11/30/2005
 AMOUNT: 0.00 THRU 999,999,999.99

VENDOR I.D.	NAME	STATUS	CHECK DATE	AMOUNT	DISCOUNT	CHECK NO	CHECK AMOUNT
1009	COMED						
I-2005110416	METER STATION ELECTRIC SERVICE	R	11/11/2005	86.07		000939	
I-2005110418	METER STATION ELECTRIC SERVICE	R	11/11/2005	53.88		000939	
I-2005110420	METER STATION ELECTRIC SERVICE	R	11/11/2005	347.30		000939	
I-2005110421	METER STATION ELECTRIC SERVICE	R	11/11/2005	654.81		000939	
I-2005110422	METER STATION ELECTRIC STATION	R	11/11/2005	205.86		000939	
I-2005110423	METER STATION ELECTRIC SERVICE	R	11/11/2005	355.23		000939	
I-2005110424	METER STATION ELECTRIC SERVICE	R	11/11/2005	129.19		000939	1,832.34
	*** VENDOR TOTALS ***					1 CHECKS	1,832.34
1136	CONSTELLATION NEWENERGY						
I-00654275	DPPS ELECT SERV.: 09/22-10/21	R	11/11/2005	197,778.44		000941	197,778.44
	*** VENDOR TOTALS ***					1 CHECKS	197,778.44
1092	COUNTY OF COOK DEPARTMENT OF R						
I-5000122	ANN. LICENSE FEE: 07/05-06/06	R	11/11/2005	2,991.41		000942	2,991.41
	*** VENDOR TOTALS ***					1 CHECKS	2,991.41
1024	CTE ENGINEERS						
I-4085002	NEW BACKUP TELEMETRY SYSTEM	R	11/28/2005	858.02		000989	
I-60002764-02	HYDRODYNAMIC MIXING SYSTEM	R	11/28/2005	3,167.42		000989	4,025.44
	*** VENDOR TOTALS ***					1 CHECKS	4,025.44
1025	DANKA OFFICE IMAGING						
I-704439702	COPIER USAGE & MAINTENANCE	R	11/11/2005	968.66		000943	968.66
1025	DANKA OFFICE IMAGING						
I-704453902	COPIER MAINT.: 10/14-11/13	R	11/28/2005	89.69		000990	
I-704466753	COPIER MAINT.: 11/14-12/13	R	11/28/2005	89.69		000990	179.38
	*** VENDOR TOTALS ***					2 CHECKS	1,148.04
1014	DHL EXPRESS (USA) INC.						
I-R9165074	MESSENGER SERVICE	R	11/11/2005	114.37		000944	114.37
	*** VENDOR TOTALS ***					1 CHECKS	114.37
1030	ELMHURST AUTO PARTS						
I-71382	VEHICLE MAINTENANCE	R	11/11/2005	4.43		000945	4.43
	*** VENDOR TOTALS ***					1 CHECKS	4.43
1233	ELMHURST MEMORIAL HOSPITAL						
I-2005112143	EMPLOYEE FLU SHOTS	R	11/28/2005	154.00		000991	154.00
	*** VENDOR TOTALS ***					1 CHECKS	154.00

VENDOR SET: 01 Du Page Water Commission
 VENDOR: ALL VENDORS
 BANK: IL ILLINOIS FUNDS
 DATES: 11/01/2005 THRU 11/30/2005
 AMOUNT: 0.00 THRU 999,999,999.99

VENDOR I.D.	NAME	STATUS	CHECK DATE	AMOUNT	DISCOUNT	CHECK NO	CHECK AMOUNT
1097	ELMHURST PLAZA STANDARD INC.						
I-16985	DIESEL FOR RENTAL EQUIPMENT	R	11/11/2005	29.08		000946	
I-19576	GASOLINE	R	11/11/2005	64.75		000946	
I-19856	GASOLINE	R	11/11/2005	99.00		000946	
I-27909	VEHICLE MAINTENANCE: M-78556	R	11/11/2005	177.20		000946	370.03
	*** VENDOR TOTALS ***					1 CHECKS	370.03
1026	EXCALIBUR REFRESHMENT CONCEPTS						
I-49200	COFFEE & SUPPLIES	R	11/28/2005	276.80		000992	276.80
	*** VENDOR TOTALS ***					1 CHECKS	276.80
1065	FEDEX						
I-3-153-84567	MESSENGER SERVICE	R	11/11/2005	162.94		000947	162.94
	*** VENDOR TOTALS ***					1 CHECKS	162.94
1052	AJ GALLAGHER RISK MGMT SVCS PR						
I-273929	COMMERCIAL PACKAGE	R	11/11/2005	60,967.00		000948	
I-274017	COMMERCIAL AUTOMOBILE	R	11/11/2005	21,285.00		000948	
I-274024	EXCESS LIABILITY	R	11/11/2005	36,382.00		000948	
I-274037	EXCESS UMBRELLA	R	11/11/2005	81,938.00		000948	
I-274041	COMMERCIAL PROPERTY	R	11/11/2005	362,917.00		000948	
I-274053	BROKERAGE FEE	R	11/11/2005	40,000.00		000948	603,489.00
	*** VENDOR TOTALS ***					1 CHECKS	603,489.00
1166	GLENBARD ELECTRIC SUPPLY, INC.						
I-1049769-01	MAINTENANCE SUPPLIES	R	11/28/2005	16.19		000993	16.19
	*** VENDOR TOTALS ***					1 CHECKS	16.19
1055	GRAINGER						
I-001-027169-0	UTILITY HEATERS	R	11/11/2005	859.96		000949	859.96
1055	GRAINGER						
I-001-030205-7	UTILITY HEATERS	R	11/28/2005	859.96		000994	
I-001-543708-0	UTILITY HEATERS	R	11/28/2005	859.96		000994	1,719.92
	*** VENDOR TOTALS ***					2 CHECKS	2,579.88
1068	HACH COMPANY						
I-4475492	SCADA/INSTRUMENTATION	R	11/11/2005	4,157.50		000950	4,157.50
	*** VENDOR TOTALS ***					1 CHECKS	4,157.50
1324	HENRICKSEN						
I-340151	CHAIR	R	11/28/2005	573.00		000995	573.00
	*** VENDOR TOTALS ***					1 CHECKS	573.00

VENDOR SET: 01 Du Page Water Commission

VENDOR: ALL VENDORS

BANK: IL ILLINOIS FUNDS

DATES: 11/01/2005 THRU 11/30/2005

AMOUNT: 0.00 THRU 999,999,999.99

VENDOR I.D.	NAME	STATUS	CHECK DATE	AMOUNT	DISCOUNT	CHECK NO	CHECK AMOUNT
1101	HOLLAND & KNIGHT LLP						
I-2005110827	LEGAL SERVICES: SEPT. 2005	R	11/30/2005	4,231.50		001018	
I-2005112252	LEGAL SERVICES: OCTOBER 2005	R	11/30/2005	1,298.40		001018	5,529.90
	*** VENDOR TOTALS ***					1 CHECKS	5,529.90
1050	HOME DEPOT CREDIT SERVICES						
I-2015158	ROV MAINTENANCE SUPPLIES	R	11/11/2005	58.46		000951	
I-203441	PIPELINE SUPPLIES	R	11/11/2005	515.96		000951	
I-3052632	MAINTENANCE SUPPLIES	R	11/11/2005	127.84		000951	
I-4052534	MAINTENANCE SUPPLIES	R	11/11/2005	72.29		000951	
I-6029403	METER STATION MAINTENANCE	R	11/11/2005	50.89		000951	
I-6044076	MAINTENANCE SUPPLIES	R	11/11/2005	71.80		000951	
I-7141624	PIPELINE SUPPLIES	R	11/11/2005	70.69		000951	
I-9034576	METER STATION MAINTENANCE	R	11/11/2005	45.16		000951	1,013.09
	*** VENDOR TOTALS ***					1 CHECKS	1,013.09
1319	ICI PAINTS						
I-0169-165329	MAINTENANCE SUPPLIES	R	11/11/2005	212.74		000952	212.74
	*** VENDOR TOTALS ***					1 CHECKS	212.74
1082	ILLINOIS PAPER COMPANY						
I-337497-000	OFFICE SUPPLIES	R	11/28/2005	434.95		000996	434.95
	*** VENDOR TOTALS ***					1 CHECKS	434.95
1053	ILLINOIS PUBLIC RISK FUND						
I-2005112247	WORKERS COMPENSATION INS.	R	11/30/2005	17,325.00		001019	17,325.00
	*** VENDOR TOTALS ***					1 CHECKS	17,325.00
1063	ILLINOIS SECTION AWWA						
I-3665	IL. UTILITY SAFETY EXPO	R	11/11/2005	75.00		000953	75.00
	*** VENDOR TOTALS ***					1 CHECKS	75.00
1215	ILLINOIS STATE BAR ASSOCIATION						
I-2005111035	MEMBERSHIP DUES: M. CROWLEY	R	11/11/2005	149.50		000954	149.50
	*** VENDOR TOTALS ***					1 CHECKS	149.50
1080	INCODE-CMS						
I-10172	SECURE SIGNATURE	R	11/28/2005	125.00		000997	125.00
	*** VENDOR TOTALS ***					1 CHECKS	125.00
1104	ITG SOLUTIONS, INC.						
I-75160	HVAC SERVICE CALL	R	11/11/2005	345.00		000955	345.00
	*** VENDOR TOTALS ***					1 CHECKS	345.00

VENDOR SET: 01 Du Page Water Commission
 VENDOR: ALL VENDORS
 BANK: IL ILLINOIS FUNDS
 DATES: 11/01/2005 THRU 11/30/2005
 AMOUNT: 0.00 THRU 999,999,999.99

VENDOR I.D.	NAME	STATUS	CHECK DATE	AMOUNT	DISCOUNT	CHECK NO	CHECK AMOUNT
1322	JEMISON ELECTRIC BOX & SWITCHB						
I-47433A-IN	SCADA/INSTRUMENTATION	R	11/11/2005	510.00		000956	510.00
	*** VENDOR TOTALS ***					1 CHECKS	510.00
1033	JOLIET JUNIOR COLLEGE						
I-2005111036	ELECT. PRINC. & PRACTICE	R	11/11/2005	590.00		000957	590.00
	*** VENDOR TOTALS ***					1 CHECKS	590.00
1032	JULIE, INC.						
I-10-05-0431	UTILITY LOCATES: OCT. 2005	R	11/11/2005	5,063.50		000958	5,063.50
	*** VENDOR TOTALS ***					1 CHECKS	5,063.50
1196	KARA COMPANY, INC.						
I-192113	LOCATING PAINT	R	11/28/2005	446.40		000998	446.40
	*** VENDOR TOTALS ***					1 CHECKS	446.40
1317	LARRY ROESCH CHEVROLET						
I-2005110315	2006 CHEVROLET IMPALA LS	R	11/04/2005	14,600.00		000928	14,600.00
	*** VENDOR TOTALS ***					1 CHECKS	14,600.00
1054	MCMASTER-CARR SUPPLY COMPANY						
I-32217295	MAINTENANCE SUPPLIES	R	11/11/2005	435.37	8.71CR	000959	426.66
1054	MCMASTER-CARR SUPPLY COMPANY						
I-32606887	METER STATION MAINTENANCE	R	11/28/2005	47.04		000999	47.04
	*** VENDOR TOTALS ***					2 CHECKS	473.70
1018	MEDLIN COMMUNICATIONS, INC.						
I-S15157	TELEPHONE SYSTEM REPAIRS	R	11/28/2005	382.50		001000	382.50
	*** VENDOR TOTALS ***					1 CHECKS	382.50
1069	MEL'S ACE HARDWARE						
I-01448157 76	VEHICLE MAINTENANCE	R	11/11/2005	1.79		000960	
I-01448184 77	VEHICLE MAINTENANCE	R	11/11/2005	1.79		000960	
I-01448474 76	ROV MAINTENANCE	R	11/11/2005	14.44		000960	
I-01451020 76	MAINTENANCE SUPPLIES	R	11/11/2005	24.24		000960	
I-01451037 76	VEHICLE MAINTENANCE	R	11/11/2005	6.64		000960	
I-01451064 76	MAINTENANCE SUPPLIES	R	11/11/2005	22.49		000960	
I-01451103 77	MAINTENANCE SUPPLIES	R	11/11/2005	44.98		000960	
I-01451134 76	MAINTENANCE SUPPLIES	R	11/11/2005	27.27		000960	
I-01451293 76	ROV MAINTENANCE	R	11/11/2005	8.71		000960	
I-01451401 77	MAINTENANCE SUPPLIES	R	11/11/2005	18.99		000960	
I-01451626 76	VEHICLE MAINTENANCE	R	11/11/2005	39.94		000960	
I-01452517 76	ROV MAINTENANCE	R	11/11/2005	15.34		000960	
I-01453462 76	MAINTENANCE SUPPLIES	R	11/11/2005	6.74		000960	
I-01453799 76	METER STATION MAINTENANCE	R	11/11/2005	35.96		000960	

VENDOR SET: 01 Du Page Water Commission
 VENDOR: ALL VENDORS
 BANK: IL ILLINOIS FUNDS
 DATES: 11/01/2005 THRU 11/30/2005
 AMOUNT: 0.00 THRU 999,999,999.99

VENDOR I.D.	NAME	STATUS	CHECK DATE	AMOUNT	DISCOUNT	CHECK NO	CHECK AMOUNT
1069	MEL'S ACE HARDWARE CONT						
I-01454779 76	ROV MAINTENANCE SUPPLIES	R	11/11/2005	15.77		000960	
I-01455213 77	VEHICLE MAINTENANCE	R	11/11/2005	53.07		000960	
I-01456132 77	MAINTENANCE SUPPLIES	R	11/11/2005	48.97		000960	387.13
	*** VENDOR TOTALS ***					1 CHECKS	387.13
1051	MENARDS- HILLSIDE						
I-23293	MAINTENANCE SUPPLIES	R	11/11/2005	19.90		000961	
I-24987	MAINTENANCE SUPPLIES	R	11/11/2005	39.92		000961	
I-25816	MAINTENANCE SUPPLIES	R	11/11/2005	25.98		000961	
I-26891	PIPELINE SUPPLIES	R	11/11/2005	15.75		000961	
I-27371	ROV MAINTENANCE SUPPLIES	R	11/11/2005	27.23		000961	
I-28984	MAINTENANCE SUPPLIES	R	11/11/2005	19.90		000961	148.68
	*** VENDOR TOTALS ***					1 CHECKS	148.68
1074	MICRO CENTER						
C-2005112355	EXCEL/WORD TRAINING: M. ROWAN	N	11/28/2005	490.00	CR	000000	
I-2005112144	EXCEL/WORD TRAINING: M. ROWAN	N	11/28/2005	490.00		000000	
1074	MICRO CENTER						
I-1152502	COMPUTER SUPPLIES	R	11/28/2005	174.97		001001	174.97
	*** VENDOR TOTALS ***					2 CHECKS	174.97
1327	MICRO TRAIN						
I-73223	EXCEL/WORD TRAINING: M. ROWAN	R	11/28/2005	490.00		001002	490.00
	*** VENDOR TOTALS ***					1 CHECKS	490.00
1194	MK BATTERY						
I-IV071392	BATTERIES	R	11/11/2005	1,422.06		000962	1,422.06
	*** VENDOR TOTALS ***					1 CHECKS	1,422.06
1021	NAPERVILLE, CITY OF						
I-2005110425	METER STATION ELECTRIC SERVICE	R	11/11/2005	64.53		000963	64.53
1021	NAPERVILLE, CITY OF						
I-2005112146	METER STATION ELECTRIC SERVICE	R	11/28/2005	83.75		001003	83.75
	*** VENDOR TOTALS ***					2 CHECKS	148.28
1070	NATIONAL CITY BANK OF THE MIDW						
I-801656001	SAFEKEEPING FEES: SEPT. 2005	R	11/11/2005	1,043.00		000964	1,043.00
	*** VENDOR TOTALS ***					1 CHECKS	1,043.00

VENDOR SET: 01 Du Page Water Commission
 VENDOR: ALL VENDORS
 BANK: IL ILLINOIS FUNDS
 DATES: 11/01/2005 THRU 11/30/2005
 AMOUNT: 0.00 THRU 999,999,999.99

VENDOR I.D.	NAME	STATUS	CHECK DATE	AMOUNT	DISCOUNT	CHECK NO	CHECK AMOUNT
1203	NATIONAL SAFETY COUNCIL						
I-2012371	SAFETY ASSESSMENT	R	11/28/2005	7,644.34		001004	7,644.34
	*** VENDOR TOTALS ***					1 CHECKS	7,644.34
1060	NTG, INC.						
I-50499	CORROSION TELEMETRY: 10/05	R	11/28/2005	55.35		001005	55.35
	*** VENDOR TOTALS ***					1 CHECKS	55.35
1110	NEWARK INONE						
I-11820401	SCADA/INSTRUMENTATION	R	11/28/2005	118.68		001006	118.68
	*** VENDOR TOTALS ***					1 CHECKS	118.68
1320	NORTHEASTERN ILLINOIS PLANNING						
I-2005110828	DIGITAL MAP OF THE REGION	R	11/11/2005	46.50		000965	46.50
	*** VENDOR TOTALS ***					1 CHECKS	46.50
1208	OLIVE GROVE LANDSCAPING, INC.						
I-8452	MONTHLY MAINT. - OCT. 2005	R	11/28/2005	4,242.50		001007	
I-8459	REMOVE/TRANSPLANT PLANTS	R	11/28/2005	9,825.00		001007	14,067.50
	*** VENDOR TOTALS ***					1 CHECKS	14,067.50
1081	PATRICK ENGINEERING INC.						
I-20506.053-0000001	LINEAR REFERENCING ASSISTANCE	R	11/28/2005	3,412.50		001008	3,412.50
	*** VENDOR TOTALS ***					1 CHECKS	3,412.50
1321	PERSPECTIVES, LTD.						
I-61102	EMPLOYEE ASSISTANCE 9/05-12/05	R	11/11/2005	273.00		000966	273.00
	*** VENDOR TOTALS ***					1 CHECKS	273.00
1061	PLATINUM PLUS FOR BUSINESS						
I-2005112251	GASOLINE, ADMIN. EXP., TRAVEL	R	11/28/2005	189.67		001009	
I-2005112354	PROF. DEVEL., COMP. SUPPLIES	R	11/28/2005	418.00		001009	607.67
	*** VENDOR TOTALS ***					1 CHECKS	607.67
1039	QUILL CORPORATION						
I-1907183	OFFICE SUPPLIES	R	11/11/2005	38.76		000967	
I-1977649	OFFICE SUPPLIES	R	11/11/2005	434.91		000967	
I-2010688	OFFICE SUPPLIES	R	11/11/2005	773.98		000967	
I-2040912	OFFICE SUPPLIES	R	11/11/2005	86.16		000967	
I-2051476	OFFICE SUPPLIES	R	11/11/2005	37.98		000967	
I-2114523	OFFICE SUPPLIES	R	11/11/2005	59.33		000967	
I-2130996	OFFICE SUPPLIES	R	11/11/2005	18.54		000967	
I-2249572	OFFICE SUPPLIES	R	11/11/2005	93.56		000967	1,543.22

VENDOR SET: 01 Du Page Water Commission

VENDOR: ALL VENDORS

BANK: IL ILLINOIS FUNDS

DATES: 11/01/2005 THRU 11/30/2005

AMOUNT: 0.00 THRU 999,999,999.99

VENDOR I.D.	NAME	STATUS	CHECK DATE	AMOUNT	DISCOUNT	CHECK NO	CHECK AMOUNT
1039	QUILL CORPORATION						
C-885621	OFFICE SUPPLIES - RETURNS	R	11/28/2005	12.59	CR	001010	
I-2246143	OFFICE SUPPLIES	R	11/28/2005	127.84		001010	
I-2265131	OFFICE SUPPLIES	R	11/28/2005	34.57		001010	
I-2321293	OFFICE SUPPLIES	R	11/28/2005	31.98		001010	
I-2422346	OFFICE SUPPLIES	R	11/28/2005	30.13		001010	
I-2422657	OFFICE SUPPLIES	R	11/28/2005	15.20		001010	
I-2488279	OFFICE SUPPLIES	R	11/28/2005	274.75		001010	
I-2552832	OFFICE SUPPLIES	R	11/28/2005	249.56		001010	
I-2556074	OFFICE SUPPLIES	R	11/28/2005	50.55		001010	
I-2590728	OFFICE SUPPLIES	R	11/28/2005	9.52		001010	
I-2596973	OFFICE SUPPLIES	R	11/28/2005	41.97		001010	
I-2600305	OFFICE SUPPLIES	R	11/28/2005	30.56		001010	
I-2656106	OFFICE SUPPLIES	R	11/28/2005	228.74		001010	
I-2656190	OFFICE SUPPLIES	R	11/28/2005	17.99		001010	1,130.77
	*** VENDOR TOTALS ***					2 CHECKS	2,673.99
1248	R.A. ADAMS ENTERPRISES, INC.						
I-312154	BATTERIES FOR INVERTER	R	11/11/2005	719.70		000968	719.70
	*** VENDOR TOTALS ***					1 CHECKS	719.70
1137	ROSSI CONTRACTORS, INC.						
C-2005090218	TIB-1: PARTIAL PAYMENT # 16	N	11/30/2005	1,325,152.41	CR	000000	
I-TIB-1 # 16	TIB-1: PARTIAL PAYMENT # 16	N	11/30/2005	1,325,152.41		000000	
1137	ROSSI CONTRACTORS, INC.						
I-TS-6 # 1	TS-6: FINAL PAYMENT	R	11/11/2005	139,560.00		000978	139,560.00
1137	ROSSI CONTRACTORS, INC.						
I-QR6-014A	C.P. STATION INSTALLATIONS	R	11/30/2005	123,973.75		001020	123,973.75
1137	ROSSI CONTRACTORS, INC.						
I-QR6-018A	REPAIR VALVE VAULT FRAME/LID	R	11/30/2005	12,726.83		001021	12,726.83
1137	ROSSI CONTRACTORS, INC.						
I-TIB-1 # 18	TIB-1: PARTIAL INVOICE # 18	R	11/30/2005	147,348.90		001022	147,348.90
	*** VENDOR TOTALS ***					5 CHECKS	423,609.48
1044	ROYAL GRAPHICS PRINTERS						
I-66151	OFFICE SUPPLIES	R	11/28/2005	258.77		001011	258.77
	*** VENDOR TOTALS ***					1 CHECKS	258.77

VENDOR SET: 01 Du Page Water Commission
 VENDOR: ALL VENDORS
 BANK: IL ILLINOIS FUNDS
 DATES: 11/01/2005 THRU 11/30/2005
 AMOUNT: 0.00 THRU 999,999,999.99

VENDOR I.D.	NAME	STATUS	CHECK DATE	AMOUNT	DISCOUNT	CHECK NO	CHECK AMOUNT
1056	S.K. CULVER CO.						
I-68369	METER STATION MAINTENANCE	R	11/28/2005	618.10		001012	618.10
	*** VENDOR TOTALS ***					1 CHECKS	618.10
1016	SBC						
I-2005110829	PRIME CIRCUIT FOR DID # & E911	R	11/11/2005	3,083.18		000969	
I-2005110830	DPPS PHONE SERV.: 10/22-11/21	R	11/11/2005	936.15		000969	4,019.33
1016	SBC						
I-2005112145	TANK SITE # 1: 11/04-12/03	R	11/28/2005	20.63		001013	20.63
	*** VENDOR TOTALS ***					2 CHECKS	4,039.96
1041	SEECO CONSULTANTS, INC.						
I-13131	MATERIAL TESTING	R	11/11/2005	964.50		000970	964.50
	*** VENDOR TOTALS ***					1 CHECKS	964.50
1185	LUKE SHARP						
I-2005111037	TUITION REIMBURSEMENT	VOIDED V	11/11/2005	6,967.14		000971	
I-2005111038	TUITION REIMBURSEMENT	VOIDED V	11/11/2005	3,540.00		000971	10,507.14
1043	SOOPER LUBE						
C-2005110214	VEHICLE MAINTENANCE: M-63636	R	11/11/2005	0.30CR		000972	
I-83057	VEHICLE MAINTENANCE: M-63636	R	11/11/2005	28.75		000972	28.45
	*** VENDOR TOTALS ***					1 CHECKS	28.45
1040	SPECIALTY MAT SERVICE						
I-312594	MAT SERVICE - 10/03/05	R	11/11/2005	59.35		000973	
I-314401	MAT SERVICE: 10/17/05	R	11/11/2005	59.35		000973	
I-316219	SPECIALTY MAT SERVICE	R	11/11/2005	59.35		000973	178.05
	*** VENDOR TOTALS ***					1 CHECKS	178.05
1121	SPI ENERGY GROUP						
I-2005111039	ELECTRIC CONTRACT	R	11/11/2005	2,047.50		000974	2,047.50
	*** VENDOR TOTALS ***					1 CHECKS	2,047.50
1045	THOMAS PUMP COMPANY, INC.						
I-52425	SUMP PUMPS	R	11/28/2005	2,798.00		001014	2,798.00
	*** VENDOR TOTALS ***					1 CHECKS	2,798.00
1046	TREE TOWNS REPRO SERVICE						
I-37923	CD IMPRINTING, DIGITAL SCAN	R	11/28/2005	24.92		001015	24.92
	*** VENDOR TOTALS ***					1 CHECKS	24.92

VENDOR SET: 01 Du Page Water Commission
 VENDOR: ALL VENDORS
 BANK: IL ILLINOIS FUNDS
 DATES: 11/01/2005 THRU 11/30/2005
 AMOUNT: 0.00 THRU 999,999,999.99

VENDOR I.D.	NAME	STATUS	CHECK DATE	AMOUNT	DISCOUNT	CHECK NO	CHECK AMOUNT
1047	UNITED RADIO COMMUNICATIONS						
I-13325200	RADIO REPAIRS	R	11/28/2005	119.25		001016	119.25
	*** VENDOR TOTALS ***					1 CHECKS	119.25
1062	WASTE MANAGEMENT						
I-1350487-2008-4	REFUSE DISPOSAL	R	11/11/2005	353.48		000975	353.48
	*** VENDOR TOTALS ***					1 CHECKS	353.48
1323	WATERISAC						
I-2005110933	SUBSCRIPTION TO WATER ISAC	R	11/11/2005	1,500.00		000976	1,500.00
	*** VENDOR TOTALS ***					1 CHECKS	1,500.00
1220	MICHAEL WEED						
I-2005111040	TUITION REIMBURSEMENT	R	11/11/2005	561.00		000977	
I-2005111041	TUITION REIMBURSEMENT	R	11/11/2005	1,040.00		000977	1,601.00
	*** VENDOR TOTALS ***					1 CHECKS	1,601.00
1010	WEST						
I-810074691	WESTLAW: 10/01/05-10/31/05	R	11/28/2005	254.40		001017	254.40
	*** VENDOR TOTALS ***					1 CHECKS	254.40

* * T O T A L S * *

	NO	CHECK AMOUNT	DISCOUNTS	TOTAL APPLIED
REGULAR CHECKS:	93	5,105,050.27	8.71	5,105,058.98
VOID CHECKS:	2	10,507.14	0.00	10,507.14
HAND CHECKS:	0	0.00	0.00	0.00
DRAFTS:	0	0.00	0.00	0.00
EFT:	0	0.00	0.00	0.00
NON CHECKS:	2	0.00	0.00	0.00
REGISTER TOTALS:	97	5,115,557.41	8.71	5,115,566.12

TOTAL ERRORS: 0

SELECTION CRITERIA

VENDOR SET: 01-DUPAGE WATER COMMISSION
VENDOR: ALL
BANK CODES: IL
DATES: 11/01/2005 THRU 11/30/2005
AMOUNT: 0.00 THRU 999,999,999.99

PRINT OPTIONS

PRINT TRANSACTIONS: YES
PRINT G/L: NO
UNPOSTED ONLY: NO
MANUAL ONLY: NO
SEQUENCE: VENDOR SORT KEY

VENDOR SET: 01 Du Page Water Commission

VENDOR: ALL VENDORS

BANK: IL ILLINOIS FUNDS

DATES: 12/01/2005 THRU 12/31/2005

AMOUNT: 0.00 THRU 999,999,999.99

Items Paid

VENDOR I.D.	NAME	STATUS	CHECK DATE	AMOUNT	DISCOUNT	CHECK NO	CHECK AMOUNT
1294	ACCOUNTEMP						
I-14619631	TEMPORARY ACCOUNTANT	R	12/09/2005	1,751.04		001023	
I-14661933	TEMPORARY ACCOUNTANT	R	12/09/2005	1,313.28		001023	3,064.32
	*** VENDOR TOTALS ***					1 CHECKS	3,064.32
1294	ACCOUNTEMP						
I-14716853	TEMPORARY ACCOUNTANT	R	12/21/2005	2,188.80		001067	
I-14766599	TEMPORARY ACCOUNTANT	R	12/21/2005	2,188.80		001067	4,377.60
	*** VENDOR TOTALS ***					1 CHECKS	4,377.60
1169	ADT SECURITY SERVICES INC.						
I-09125801	SECURITY: 01/01/06-03/31/06	R	12/21/2005	109.10		001068	109.10
	*** VENDOR TOTALS ***					1 CHECKS	109.10
1067	AEREX PEST CONTROL						
I-671440	EXTERMINATOR: NOV. 2005	R	12/09/2005	47.00		001024	
I-671443	EXTERMINATOR: NOV. 2005	R	12/09/2005	47.00		001024	
I-671826	EXTERMINATOR: NOV. 2005	R	12/09/2005	50.00		001024	144.00
	*** VENDOR TOTALS ***					1 CHECKS	144.00
1087	ALLIANCE WINDOW CLEANING INC.						
I-85927	WINDOW WASHING: NOV. 2005	R	12/09/2005	164.00		001025	164.00
1087	ALLIANCE WINDOW CLEANING INC.						
I-86064	WINDOW WASHING: DEC. 2005	R	12/21/2005	164.00		001069	164.00
	*** VENDOR TOTALS ***					2 CHECKS	328.00
1133	ALVORD, BURDICK & HOWSON, LLC						
I-100	TW-2	R	12/09/2005	1,572.51		001026	
I-117 OT	TIB-1	R	12/09/2005	335.35		001026	
I-2005324	TIB-1	R	12/09/2005	47,607.16		001026	
I-263	FIXED FEES	R	12/09/2005	28,300.00		001026	77,815.02
	*** VENDOR TOTALS ***					1 CHECKS	77,815.02
1186	ARC GLAZING, INC.						
I-8298	GLASS TABLE TOP - CONF. ROOM	R	12/09/2005	130.00		001027	130.00
	*** VENDOR TOTALS ***					1 CHECKS	130.00
1138	AT&T						
I-2005120667	DPSS LONG DIST. SERV.: 11/05	R	12/09/2005	439.52		001028	439.52
	*** VENDOR TOTALS ***					1 CHECKS	439.52

VENDOR SET: 01 Du Page Water Commission

VENDOR: ALL VENDORS

BANK: IL ILLINOIS FUNDS

DATES: 12/01/2005 THRU 12/31/2005

AMOUNT: 0.00 THRU 999,999,999.99

VENDOR I.D.	NAME	STATUS	CHECK DATE	AMOUNT	DISCOUNT	CHECK NO	CHECK AMOUNT
1072	AVALON PETROLEUM COMPANY						
I-463747	GASOLINE	R	12/09/2005	2,040.48		001029	2,040.48
	*** VENDOR TOTALS ***					1 CHECKS	2,040.48
1170	BOYE JANITORIAL SERVICE INC.						
I-8072	JANIT. SERV. & SUP.: 11/05	R	12/09/2005	2,193.50		001030	2,193.50
	*** VENDOR TOTALS ***					1 CHECKS	2,193.50
1334	BTU COMPANY, INC.						
I-82107	HUMIDIFIER CYLINDERS	R	12/21/2005	1,078.76		001070	1,078.76
	*** VENDOR TOTALS ***					1 CHECKS	1,078.76
1049	CAMP DRESSER & MCKEE INC.						
I-80216182/12	PIPE LOOP TESTING: 10/16-11/12	R	12/21/2005	1,496.03		001071	1,496.03
	*** VENDOR TOTALS ***					1 CHECKS	1,496.03
1332	CASSIDY TIRE & SERVICE						
I-4607827	VEHICLE MAINTENANCE: M-82136	R	12/21/2005	402.80		001072	402.80
	*** VENDOR TOTALS ***					1 CHECKS	402.80
1177	CATHODIC PROTECTION MANAGEMENT						
I-1676	90" TRANS. CORR. MIT. SYSTEM	R	12/21/2005	6,000.00		001073	
I-1677	TECH. SUP. - TE-5 ADJ. PROJ.	R	12/21/2005	4,864.40		001073	
I-1678	TS CORROSION MITIGATION	R	12/21/2005	9,148.00		001073	
I-1685	TECH. SUP. - TE-5 ADJ. PROJ.	R	12/21/2005	1,280.00		001073	
I-CP-3 # 9	CORROSION SURVEY	R	12/21/2005	21,580.67		001073	42,873.07
	*** VENDOR TOTALS ***					1 CHECKS	42,873.07
1134	CITY OF CHICAGO DEPARTMENT OF						
I-2005120665	LEX. PUMP STA. LABOR: 10/05	R	12/09/2005	32,178.57		001031	32,178.57
	*** VENDOR TOTALS ***					1 CHECKS	32,178.57
1135	CITY OF CHICAGO SUPERINTENDENT						
I-2005120564	WATER BILLING: 11/01-11/30/05	R	12/09/2005	2,935,265.03		001032	2,935,265.03
	*** VENDOR TOTALS ***					1 CHECKS	2,935,265.03
1179	CHICAGO TRIBUNE						
I-262748001	LEGAL NOTICE - BOV-2, EMPLY AD	R	12/09/2005	1,984.00		001033	1,984.00
	*** VENDOR TOTALS ***					1 CHECKS	1,984.00
1091	CINTAS FIRST AID & SAFETY						
I-0343320002	FIRST AID SUPPLIES	R	12/21/2005	141.10		001074	141.10
	*** VENDOR TOTALS ***					1 CHECKS	141.10

VENDOR SET: 01 Du Page Water Commission
 VENDOR: ALL VENDORS
 BANK: IL ILLINOIS FUNDS
 DATES: 12/01/2005 THRU 12/31/2005
 AMOUNT: 0.00 THRU 999,999,999.99

VENDOR I.D.	NAME	STATUS	CHECK DATE	AMOUNT	DISCOUNT	CHECK NO	CHECK AMOUNT
1009	COMED						
I-2005120769	METER STATION ELECTRIC SERVICE	R	12/09/2005	3,244.73		001034	3,244.73
1009	COMED						
I-2005122182	ELECTRICAL SERVICE FOR ROV10D	R	12/21/2005	10,451.68		001075	10,451.68
	*** VENDOR TOTALS ***					2 CHECKS	13,696.41
1136	CONSTELLATION NEWENERGY						
I-00689076	DPPS ELECT SERV.: 10/21-11/21	R	12/09/2005	163,652.32		001035	163,652.32
	*** VENDOR TOTALS ***					1 CHECKS	163,652.32
1024	CTE ENGINEERS						
I-4085003	NEW BACKUP TELEMETRY SYSTEM	R	12/21/2005	1,628.69		001076	
I-60002764-03	HYDRODYNAMIC MIXING SYSTEM	R	12/21/2005	101.21		001076	1,729.90
	*** VENDOR TOTALS ***					1 CHECKS	1,729.90
1025	DANKA OFFICE IMAGING						
I-704519601	COPIER MAINT.: 12/14-01/13	R	12/21/2005	89.69		001077	89.69
	*** VENDOR TOTALS ***					1 CHECKS	89.69
1333	DATA FLOW						
I-35395	W-2, 1099 FORMS & ENVELOPES	R	12/21/2005	45.10		001078	45.10
	*** VENDOR TOTALS ***					1 CHECKS	45.10
1014	DHL EXPRESS (USA) INC.						
I-S3979883	MESSENGER SERVICE	R	12/09/2005	26.59		001036	
I-S5320070	MESSENGER SERVICE	R	12/09/2005	396.36		001036	422.95
1014	DHL EXPRESS (USA) INC.						
I-S6589380	MESSENGER SERVICE	R	12/21/2005	401.32		001079	
I-S7865421	MESSENGER SERVICE	R	12/21/2005	186.12		001079	587.44
	*** VENDOR TOTALS ***					2 CHECKS	1,010.39
1140	CITY OF ELMHURST						
I-27221	TEMP. STORAGE YARD COSTS-TIB-1	R	12/09/2005	23,319.75		001037	23,319.75
	*** VENDOR TOTALS ***					1 CHECKS	23,319.75
1233	ELMHURST MEMORIAL HOSPITAL						
I-28769	EMPLOYEE FLU SHOTS	R	12/09/2005	22.00		001038	
I-28770	EMPLOYEE ANNUAL PHYSICALS	R	12/09/2005	6,350.00		001038	
I-28840	EMPLOYEE FLU SHOTS	R	12/09/2005	44.00		001038	
I-28872	EMPLOYEE ANNUAL PHYSICAL	R	12/09/2005	242.00		001038	
I-28876	EMPLOYEE FLU SHOTS	R	12/09/2005	44.00		001038	
I-29184	EMPLOYEE FLU SHOT	R	12/09/2005	22.00		001038	6,724.00
	*** VENDOR TOTALS ***					1 CHECKS	6,724.00

VENDOR SET: 01 Du Page Water Commission

VENDOR: ALL VENDORS

BANK: IL ILLINOIS FUNDS

DATES: 12/01/2005 THRU 12/31/2005

AMOUNT: 0.00 THRU 999,999,999.99

VENDOR I.D.	NAME	STATUS	CHECK DATE	AMOUNT	DISCOUNT	CHECK NO	CHECK AMOUNT
1097	ELMHURST PLAZA STANDARD INC.						
I-16360	GASOLINE	R	12/09/2005	37.00		001039	37.00
	*** VENDOR TOTALS ***					1 CHECKS	37.00
1096	ESRI						
I-2005120666	ANNUAL SOFTWARE MAINTENANCE	R	12/09/2005	9,424.66		001040	9,424.66
	*** VENDOR TOTALS ***					1 CHECKS	9,424.66
1026	EXCALIBUR REFRESHMENT CONCEPTS						
I-49599	COFFEE & SUPPLIES	R	12/21/2005	229.20		001080	229.20
	*** VENDOR TOTALS ***					1 CHECKS	229.20
1065	FEDEX						
I-3-202-02846	MESSENGER SERVICE	R	12/09/2005	276.40		001041	276.40
	*** VENDOR TOTALS ***					1 CHECKS	276.40
1055	GRAINGER						
I-001-046623-3	MAINTENANCE SUPPLIES	R	12/09/2005	909.14		001042	
I-001-356717-7	METER STATION MAINTENANCE	R	12/09/2005	182.70		001042	
I-001-510247-8	UTILITY HEATERS	R	12/09/2005	859.96		001042	
I-001-950799-5	DRILL, CHAINSAW, GAS CAN	R	12/09/2005	627.63		001042	
I-946-183503-6	MAINTENANCE SUPPLIES	R	12/09/2005	162.60		001042	
I-973-017869-7	IMPACT WRENCH	R	12/09/2005	489.60		001042	3,231.63
1055	GRAINGER						
I-001-317523-7	MAINTENANCE SUPPLIES	R	12/21/2005	821.20		001081	
I-001-886893-5	METER STATION MAINTENANCE	R	12/21/2005	452.59		001081	1,273.79
	*** VENDOR TOTALS ***					2 CHECKS	4,505.42
1050	HOME DEPOT CREDIT SERVICES						
I-0021120	ROV MAINTENANCE SUPPLIES	R	12/09/2005	31.29		001043	
I-2024440	METER STATION MAINT. SUPPLIES	R	12/09/2005	24.97		001043	
I-5066734	MAINTENANCE SUPPLIES	R	12/09/2005	103.00		001043	
I-6053549	MAINTENANCE SUPPLIES	R	12/09/2005	23.84		001043	
I-7034260	METER STATION MAINTENANCE	R	12/09/2005	13.99		001043	
I-9016369	ROV MAINTENANCE SUPPLIES	R	12/09/2005	66.76		001043	263.85
	*** VENDOR TOTALS ***					1 CHECKS	263.85
1335	THE ILLINOIS LABOR LAW POSTER						
I-2005122180	ILLINOIS LABOR LAW POSTERS	R	12/21/2005	54.50		001082	54.50
	*** VENDOR TOTALS ***					1 CHECKS	54.50

VENDOR SET: 01 Du Page Water Commission
 VENDOR: ALL VENDORS
 BANK: IL ILLINOIS FUNDS
 DATES: 12/01/2005 THRU 12/31/2005
 AMOUNT: 0.00 THRU 999,999,999.99

VENDOR I.D.	NAME	STATUS	CHECK DATE	AMOUNT	DISCOUNT	CHECK NO	CHECK AMOUNT
1156	ILLINOIS STATE POLICE						
I-2005121975	RADIO SERVICE: 01/01-03/31/06	R	12/21/2005	1,282.50		001083	1,282.50
	*** VENDOR TOTALS ***					1 CHECKS	1,282.50
1032	JULIE, INC.						
I-11-05-0432	UTILITY LOCATES: NOV. 2005	R	12/21/2005	4,188.55		001084	4,188.55
	*** VENDOR TOTALS ***					1 CHECKS	4,188.55
1035	KIEFT BROTHERS, INC.						
I-105828	METER STATION MAINT. SUPPLIES	R	12/09/2005	66.00		001044	66.00
	*** VENDOR TOTALS ***					1 CHECKS	66.00
1235	LAB SAFETY SUPPLY, INC.						
I-1007159448	MAINTENANCE SUPPLIES	R	12/21/2005	100.39		001085	
I-1007271225	MAINTENANCE SUPPLIES	R	12/21/2005	79.00		001085	179.39
	*** VENDOR TOTALS ***					1 CHECKS	179.39
1337	GREG MATHEWS						
I-2005122186	SERV. AS COM. - 05/10-06/30/05	R	12/21/2005	86.67		001102	86.67
	*** VENDOR TOTALS ***					1 CHECKS	86.67
1054	MCMMASTER-CARR SUPPLY COMPANY						
C-33760660	MAINTENANCE SUPPLIES RETURNED	R	12/09/2005	10.38CR		001045	
I-33199999	MAINTENANCE SUPPLIES	R	12/09/2005	533.51		001045	
I-33283042	MAINTENANCE SUPPLIES	R	12/09/2005	74.32		001045	
I-33752360	MAINTENANCE SUPPLIES	R	12/09/2005	10.38		001045	
I-33752361	MAINTENANCE SUPPLIES	R	12/09/2005	52.14	1.04CR	001045	658.93
	*** VENDOR TOTALS ***					1 CHECKS	658.93
1069	MEL'S ACE HARDWARE						
I-01457565 77	MAINTENANCE SUPPLIES	R	12/09/2005	3.59		001046	
I-01457752 76	ROV & METER STATION MAINT.	R	12/09/2005	32.75		001046	
I-01463303 76	MAINTENANCE SUPPLIES	R	12/09/2005	32.27		001046	
I-01465440 76	MAINTENANCE SUPPLIES	R	12/09/2005	7.21		001046	
I-01468468 76	MAINTENANCE SUPPLIES	R	12/09/2005	2.68		001046	78.50
	*** VENDOR TOTALS ***					1 CHECKS	78.50
1051	MENARDS- HILLSIDE						
I-30477	ROV MAINTENANCE SUPPLIES	R	12/09/2005	34.47		001047	
I-33013	MAINTENANCE SUPPLIES	R	12/09/2005	29.99		001047	
I-36365	MAINTENANCE SUPPLIES	R	12/09/2005	5.33		001047	69.79
	*** VENDOR TOTALS ***					1 CHECKS	69.79

VENDOR SET: 01 Du Page Water Commission
 VENDOR: ALL VENDORS
 BANK: IL ILLINOIS FUNDS
 DATES: 12/01/2005 THRU 12/31/2005
 AMOUNT: 0.00 THRU 999,999,999.99

VENDOR I.D.	NAME	STATUS	CHECK DATE	AMOUNT	DISCOUNT	CHECK NO	CHECK AMOUNT
1021	NAPERVILLE, CITY OF						
I-2005120161	METER STATION ELECTRIC SERVICE	R	12/09/2005	79.10		001048	79.10
1021	NAPERVILLE, CITY OF						
I-2005122079	METER STATION ELECTRIC SERVICE	R	12/21/2005	77.32		001086	77.32
	*** VENDOR TOTALS ***					2 CHECKS	156.42
1070	NATIONAL CITY BANK OF THE MIDW						
I-801541001	SAFEKEEPING FEES: OCT. 2005	R	12/09/2005	1,003.00		001049	1,003.00
	*** VENDOR TOTALS ***					1 CHECKS	1,003.00
1060	NTG, INC.						
I-50590	CORROSION TELEMETRY	R	12/09/2005	43.80		001050	43.80
	*** VENDOR TOTALS ***					1 CHECKS	43.80
1020	NEXTEL COMMUNICATIONS						
I-648652511	CELL PHONE SERV.: 10/09-11/08	R	12/09/2005	1,093.38		001051	1,093.38
1020	NEXTEL COMMUNICATIONS						
I-648652511-046	CELL PHONE SERV.: 11/09-12/08	R	12/21/2005	1,081.20		001087	1,081.20
	*** VENDOR TOTALS ***					2 CHECKS	2,174.58
1111	NICOR GAS						
I-2005120159	DPPS SERV.: 10/12/05-11/10/05	R	12/09/2005	3,120.06		001052	3,120.06
	*** VENDOR TOTALS ***					1 CHECKS	3,120.06
1112	NORTH SHORE UNIFORM						
I-05-1154	UNIFORMS	R	12/09/2005	265.90		001053	265.90
	*** VENDOR TOTALS ***					1 CHECKS	265.90
1178	PADDOCK PUBLICATIONS, INC.						
I-T3640314	LEGAL NOTICE: BACKUP TELEMETRY	R	12/09/2005	40.04		001054	40.04
	*** VENDOR TOTALS ***					1 CHECKS	40.04
1081	PATRICK ENGINEERING INC.						
I-20506.022-0000004	PLAN ACCESS APPLICATION	R	12/09/2005	3,585.00		001055	
I-20506.048-0000001	DOC. MGMT SYS. REQUIREMENTS	R	12/09/2005	3,100.00		001055	6,685.00
	*** VENDOR TOTALS ***					1 CHECKS	6,685.00
1328	PENTON TECHNOLOGY MEDIA						
I-03502072	WINDOWS IT PRO SUBSCRIPTION	R	12/09/2005	83.00		001056	83.00
	*** VENDOR TOTALS ***					1 CHECKS	83.00

VENDOR SET: 01 Du Page Water Commission
 VENDOR: ALL VENDORS
 BANK: IL ILLINOIS FUNDS
 DATES: 12/01/2005 THRU 12/31/2005
 AMOUNT: 0.00 THRU 999,999,999.99

VENDOR I.D.	NAME	STATUS	CHECK DATE	AMOUNT	DISCOUNT	CHECK NO	CHECK AMOUNT
1061	PLATINUM PLUS FOR BUSINESS						
I-2005122183	GAS, I-PASS, ADMIN EXP.	R	12/21/2005	246.05		001088	
I-2005122184	GAS, TRAINING, ADM. EXP., PHON	R	12/21/2005	623.23		001088	869.28
	*** VENDOR TOTALS ***					1 CHECKS	869.28
1115	PROSAFETY						
I-2-492890	PIPELINE MAINTENANCE SUPPLIES	R	12/09/2005	1,090.60		001057	1,090.60
	*** VENDOR TOTALS ***					1 CHECKS	1,090.60
1039	QUILL CORPORATION						
I-2900738	OFFICE SUPPLIES	R	12/21/2005	217.88		001089	
I-2919763	OFFICE SUPPLIES	R	12/21/2005	249.40		001089	
I-3051878	OFFICE SUPPLIES	R	12/21/2005	117.04		001089	
I-3148531	OFFICE SUPPLIES	R	12/21/2005	6.76		001089	
I-3156713	OFFICE SUPPLIES	R	12/21/2005	343.03		001089	934.11
	*** VENDOR TOTALS ***					1 CHECKS	934.11
1137	ROSSI CONTRACTORS, INC.						
I-30604	INS. & BONDS - QR-6/02	R	12/21/2005	3,250.00		001090	3,250.00
	*** VENDOR TOTALS ***					1 CHECKS	3,250.00
1016	SBC						
C-2005120770	E911 CONTRACT	N	12/09/2005	1,056.25CR		000000	
I-IL691095	E911 CONTRACT	N	12/09/2005	1,056.25		000000	
1016	SBC						
I-2005120262	DPFS PHONE SERV.: 11/16-12/15	R	12/09/2005	850.94		001058	850.94
1016	SBC						
I-2005120263	BACKUP TELEMETRY: 11/16-12/15	R	12/09/2005	721.43		001059	721.43
1016	SBC						
I-2005122181	DPFS PHONE SERV.: 11/22-12/21	R	12/21/2005	725.09		001091	725.09
1016	SBC						
I-2005122185	TANK SITE # 1: 12/04-01/03	R	12/21/2005	20.63		001092	20.63
	*** VENDOR TOTALS ***					5 CHECKS	2,318.09
1330	SBC GLOBAL SERVICES, INC.						
I-EB16144029	E911 CONTRACT	R	12/09/2005	1,056.25		001060	1,056.25
	*** VENDOR TOTALS ***					1 CHECKS	1,056.25

VENDOR SET: 01 Du Page Water Commission
 VENDOR: ALL VENDORS
 BANK: IL ILLINOIS FUNDS
 DATES: 12/01/2005 THRU 12/31/2005
 AMOUNT: 0.00 THRU 999,999,999.99

VENDOR I.D.	NAME	STATUS	CHECK DATE	AMOUNT	DISCOUNT	CHECK NO	CHECK AMOUNT
1041	SEECO CONSULTANTS, INC.						
I-13169	MATERIAL TESTING: TIB-1	R	12/21/2005	475.00		001093	475.00
	*** VENDOR TOTALS ***					1 CHECKS	475.00
1329	C. SEMRAD & ASSOCIATES						
I-2005120160	ANTI-HARASSMENT TRAINING	R	12/09/2005	2,250.00		001061	2,250.00
1329	C. SEMRAD & ASSOCIATES						
I-2005121977	ANTI-HARASSMENT TRAINING	R	12/21/2005	1,500.00		001094	1,500.00
	*** VENDOR TOTALS ***					2 CHECKS	3,750.00
1302	SIR SPEEDY						
I-44821	WATER PURCHASE/SALE CONTRACTS	R	12/21/2005	1,278.29		001095	
I-44836	DWC SYSTEM MAPBOOKS	R	12/21/2005	1,353.89		001095	2,632.18
	*** VENDOR TOTALS ***					1 CHECKS	2,632.18
1043	SOOPER LUBE						
I-84505	VEHICLE MAINTENANCE: M-127481	R	12/09/2005	28.45		001062	
I-84662	VEHICLE MAINTENANCE: M-63638	R	12/09/2005	29.95		001062	
I-85001	VEHICLE MAINTENANCE: M-76785	R	12/09/2005	30.70		001062	
I-85106	VEHICLE MAINTENANCE: M-78556	R	12/09/2005	30.70		001062	119.80
	*** VENDOR TOTALS ***					1 CHECKS	119.80
1040	SPECIALTY MAT SERVICE						
I-318114	MAT SERV: 11/14/05, MAINT. SUP	R	12/09/2005	234.35		001063	
I-320143	MAT SERVICE: 11/28/05	R	12/09/2005	59.35		001063	293.70
	*** VENDOR TOTALS ***					1 CHECKS	293.70
1121	SPI ENERGY GROUP						
I-2005121976	ELECTRIC CONTRACT	R	12/21/2005	945.00		001096	945.00
	*** VENDOR TOTALS ***					1 CHECKS	945.00
1046	TREE TOWNS REPRO SERVICE						
I-40039	DIGITAL BOND COPY	R	12/21/2005	46.67		001097	46.67
	*** VENDOR TOTALS ***					1 CHECKS	46.67
1129	UNIQUE PRODUCTS & SERVICES						
I-145361	MAINTENANCE SUPPLIES	R	12/21/2005	1,418.90		001098	1,418.90
	*** VENDOR TOTALS ***					1 CHECKS	1,418.90
1221	USA BLUE BOOK						
I-074632	MAINTENANCE SUPPLIES	R	12/09/2005	2,025.36		001064	2,025.36
	*** VENDOR TOTALS ***					1 CHECKS	2,025.36

VENDOR SET: 01 Du Page Water Commission
VENDOR: ALL VENDORS
BANK: IL ILLINOIS FUNDS
DATES: 12/01/2005 THRU 12/31/2005
AMOUNT: 0.00 THRU 999,999,999.99

VENDOR I.D.	NAME	STATUS	CHECK DATE	AMOUNT	DISCOUNT	CHECK NO	CHECK AMOUNT
1079	VIKING OFFICE PRODUCTS						
I-315142466-001	OFFICE SUPPLIES	R	12/09/2005	9.80		001065	9.80
			*** VENDOR TOTALS ***			1 CHECKS	9.80
1062	WASTE MANAGEMENT						
I-1360917-2008-8	REFUSE DISPOSAL	R	12/21/2005	262.32		001099	262.32
			*** VENDOR TOTALS ***			1 CHECKS	262.32
1010	WEST						
I-810283789	WESTLAW: 11/01/05-11/30/05	R	12/21/2005	254.40		001100	254.40
			*** VENDOR TOTALS ***			1 CHECKS	254.40
1336	VILLAGE OF WILLOWBROOK						
I-994	REIMB. FOR WATER	R	12/21/2005	7,072.77		001101	7,072.77
			*** VENDOR TOTALS ***			1 CHECKS	7,072.77
1048	ZIEBELL WATER SERVICE PRODUCTS						
I-180764-000	PIPELINE SUPPLIES	R	12/09/2005	620.20		001066	620.20
			*** VENDOR TOTALS ***			1 CHECKS	620.20

* * T O T A L S * *	NO	CHECK AMOUNT	DISCOUNTS	TOTAL APPLIED
REGULAR CHECKS:	80	3,380,746.05	1.04	3,380,747.09
VOID CHECKS:	0	0.00	0.00	0.00
HAND CHECKS:	0	0.00	0.00	0.00
DRAFTS:	0	0.00	0.00	0.00
EFT:	0	0.00	0.00	0.00
NON CHECKS:	1	0.00	0.00	0.00
REGISTER TOTALS:	81	3,380,746.05	1.04	3,380,747.09

TOTAL ERRORS: 0

SELECTION CRITERIA

VENDOR SET: 01-DUPAGE WATER COMMISSION
VENDOR: ALL
BANK CODES: IL
DATES: 12/01/2005 THRU 12/31/2005
AMOUNT: 0.00 THRU 999,999,999.99

PRINT OPTIONS

PRINT TRANSACTIONS: YES
PRINT G/L: NO
UNPOSTED ONLY: NO
MANUAL ONLY: NO
SEQUENCE: VENDOR SORT KEY



DuPage Water Commission MEMORANDUM

TO: Chairman Vondra and Commissioners

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

DATE: January 6, 2006

SUBJECT: Fiscal Year 2006-2007 Capital Improvement Plan

Chairman Vondra would like to convene a special meeting to discuss the Fiscal Year 2006-2007 Capital Improvement Plan. In preparation for the meeting, the following documents are being distributed for your review:

1. Proposed DuPage Water Commission 2006-2007 Five Year Capital Improvement Plan dated January 12, 2006
2. Emergency Operations and Maintenance Report dated January 6, 2006 (prepared prior to receipt of Item No. 4 below)
3. Draft Memo from Chairman Vondra to B. Martin, A. Poole, G. Wilcox and L. Hartwig dated 12/7/05
4. E-mail from Allan Poole to Mike Vondra dated December 19, 2005

As requested by Chairman Vondra to assist you in reviewing the Proposed Fiscal Year 2006-2007 Capital Improvement Plan, the following is a chronology of key events regarding backup generation:

September 11, 2003

- Resolution R-37-03 approved, engaging Camp Dresser & McKee for the evaluation of electrical generation supply alternatives at the DuPage Pumping Station

May 13, 2004

- Resolution R-28-04 approved, amending the engineering agreement with Camp Dresser & McKee to begin the design of the backup generation facilities at the DuPage Pumping Station

September 9, 2004

- Staff presented an updated capital improvement plan in which the installation of backup electrical generation at the Lexington Pumping Station was proposed

November 11, 2004

- Resolution R-70-04 approved, amending the engineering agreement with Camp Dresser & McKee to add benchmarking evaluation of other water supplier emergency operation safeguards in the event of a loss of electrical service and assist with the Commonwealth Edison power reliability assessment performed by Consolidated Consulting Corporation

January 13, 2005

- Committee of the Whole meeting
- Presented Fiscal Year 2005-2006 Capital Improvement Plan
- Consolidated Consulting made a presentation regarding electric reliability assessment
- Camp Dresser & McKee made a presentation regarding power generation benchmarking evaluation

January 28, 2005

- General Manager met with Commissioner Rice about backup generation at Lexington Pump Station
- Commissioner Rice said he could support the installation of backup generation and Chicago reimbursing the Commission through a 20% credit against water purchases

February 1, 2005

- Meeting with customer utilities to solicit their comments on various back-up electrical generation options

February 10, 2005

- Committee of the Whole meeting
 - o Commonwealth Edison made a presentation regarding the August 14, 2003 Blackout
- Commission meeting
 - o Board approved Capital Improvement Plan with centralized back-up electrical generation and included in the Fiscal Year 2005-2006 Budget

October 20, 2005

- Chairman Vondra, Commissioner Hartwig and General Manager Martin meet with Chicago Water and Budget Departments. Chairman Vondra reports on previous discussions he had with former Budget Director and Water Commissioner

October 27, 2005

- Chairman Vondra meets Budget Director Volpe to review matters discussed October 20, 2005 meeting

December 8, 2005

- Deputy Commissioner Spatz advises General Manager Martin that Water Department Management could support the construction of backup electrical generation at the Lexington Pumping Station with Chicago paying half of the costs (up to \$8.5 million based upon amounts experienced at other stations) and reimbursing the Commission through a 10% credit against water purchases


**DUPAGE WATER COMMISSION
2006 - 2007
FIVE YEAR CAPITAL IMPROVEMENT
PLAN
JANUARY 12, 2006**



DuPage Water Commission

MEMORANDUM

TO: Chairman Vondra and Commissioners

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

DATE: January 12, 2006

SUBJECT: Capital Improvement Plan

In accordance with Commission policy, the Capital Improvement Plan is reviewed and evaluated by staff in connection with each new budget cycle. A draft of the updated plan is then submitted to the Commission for its consideration. This annual document is based on the Commission's anticipated needs for normal operations, emergency operations and improvements to the system. While the main focus is the next five fiscal years, included in the plan are additional nine year projections of revenues, expenditures and fund balances. The proposed capital plan is included in the projection summary.

The plan is divided into several sections – Distribution System Improvements, DuPage Pump Station Improvements, Lexington Pump Station Improvements, and Standpipe Improvements. A summary shows the capital outlay (funded by sales tax revenues) and major non-recurring maintenance (funded by water rates) on a fiscal year basis. Each fiscal year's programmed expenditures are included in the financial projection of Commission revenues and expenditures through fiscal year 2019-20.

The status of the Capital Improvement Plan projects is as follows:

Contract TIB-1: Construction complete

30 Million Gallon Reservoir: Design 90% complete

DuPage Electrical Generation Facility: Design 30% complete and on hold

Cadwell Avenue Realignment: Design 80% complete

The draft fiscal 2006-07 planning document represents the eleventh consecutive year in which the Commission has evaluated a Capital Improvement Plan. Utilizing this process over the years has allowed the Commission to have a much

better understanding of its long-term capital and operating needs and the level of funding required from various sources.

Current Commission policy reflected in this plan uses sales tax to pay 50% of the Water Revenue Bonds. Public Act 93-0226, which was enacted on July 22, 2003, requires the Commission to maintain a customer rate of not more than \$1.65 per 1,000 gallons for a period of five years. This plan, though, maintains the current water rate of \$1.45 per 1,000 gallons through fiscal year 2009-10. A customer rate of \$1.55 per 1,000 gallons is maintained thereafter. To accomplish this, it is necessary to use sales tax beginning in fiscal year 2008-09 to supplement operation and maintenance costs.

Planned improvements accepted by the Board will be included in the 2006-07 budget document. The budget will be sent to the Board for its review in February and released, in tentative draft form, to the Charter Customers prior to March 1, 2006.

DUPAGE WATER COMMISSION
2006 – 2007
FIVE YEAR CAPITAL IMPROVEMENT PLAN

SUMMARY.....	1
Five Year Projection Assumptions.....	2
Summary of Revenues, Expenditures and Fund Balances.....	3
Summary of Estimated New Construction Costs.....	5
Summary of Estimated Major Repair Costs.....	6
DISTRIBUTION SYSTEM IMPROVEMENTS.....	7
Contract BOV-2.....	8
Valve Stem Replacement.....	9
DUPAGE PUMP STATION IMPROVEMENTS.....	11
8 MW Electrical Generation Facility.....	12
Garage and Office Building.....	14
Cadwell Avenue Realignment.....	16
Proposed 30 Million-Gallon Reservoir.....	18
Material and Equipment Storage Facilities.....	20
Pump #10.....	22
LEXINGTON PUMP STATION IMPROVEMENTS.....	25
Electrical Generation Facility.....	26
STANDPIPE IMPROVEMENTS.....	29
Standpipe Riser Modifications.....	30

**DUPAGE WATER COMMISSION
2006 – 2007
FIVE YEAR CAPITAL IMPROVEMENT PLAN**

SUMMARY

DUPAGE WATER COMMISSION
2006 – 2007
FIVE YEAR CAPITAL IMPROVEMENT PLAN

- Operation and maintenance revenues are based on 94.0% of the IDNR allocation for each fiscal year.
- Fixed cost revenue requirements are 50% of the yearly debt service scheduled for the Commission's outstanding revenue bonds. Sales taxes are used to pay the remaining 50%.
- The average water rate was maintained at \$1.45 per thousand gallons through fiscal year 2009-10 and \$1.55 per thousand gallons thereafter.
- Sales tax receipts will be used beginning May 1, 2008 to hold the water rate at those respective levels.
- Sales tax receipts pay for general obligation bond debt service requirements allowing the abatement of \$13.1 million of property tax annually.
- The 15% subsequent customer capital risk factor has been permanently waived effective for service on or after July 22, 2003.
- Sales tax increases 2% annually.
- Interest income is based on prior year's earnings versus prior year's net revenues excluding interest earned applied to the same figure for each projected fiscal year.
- Water purchase expense is based on the Commission billing 97.1% of all water purchased from Chicago and 3% annual increases in the Chicago water rate beginning January 1, 2007.
- The 20% water purchase credit ended during fiscal year 2004-05. A small amount is still subject to audit and the final credit due should be realized in FY 2007-08.
- All other operating expenses not specifically mentioned above are anticipated to rise 5% per year.
- Principal and interest costs are the scheduled debt service payments for the Commission's 2003 revenue bonds and general obligation bonds of 2001.
- Construction and major capital repair costs are inflated 2% per year.
- The Commission set a \$25 million goal for an unrestricted fund balance.
- Sales tax proceeds not needed for immediate appropriation are reserved for construction. Water sales receipts not needed for immediate appropriation are reserved for rate stabilization. The water rate stabilization reserve will be exhausted in FY 2007-08 when sales taxes begin to support the established rates.

DUPAGE WATER COMMISSION - 14 YEAR PROJECTION
SUMMARY OF REVENUES, EXPENDITURES AND FUND BALANCES
MAY 1, 2006 TO APRIL 30, 2020
50% REVENUE BOND SUBSIDY - \$1.45 RATE THRU FY09-10 - THEN \$1.55 - RESERV. ACCELERATED

ACCOUNT TITLE	ALL FUNDS FY 04-05 ACTUAL	ALL FUNDS FY 05-06 FORECAST	ASSUMPTION OR % CHGE	ALL FUNDS FY 06-07 FORECAST	ALL FUNDS FY 07-08 FORECAST	ALL FUNDS FY 08-09 FORECAST	ALL FUNDS FY 09-10 FORECAST	ALL FUNDS FY 10-11 FORECAST
REVENUES								
O & M PAYMENTS	43,486,319	41,023,413	CALCULATED	41,532,694	41,878,257	42,220,527	42,558,653	46,348,412
SALES TAX USED FOR O & M COSTS	0	0	CALCULATED	0	0	12,877,304	12,939,023	14,747,828
FIXED COST PAYMENTS (% PAID BY SALES TAX)	7,143,969	7,144,469	50.0%	7,145,094	7,145,344	7,144,719	7,145,219	7,146,219
SUBSEQUENT CUSTOMER DIFFERENTIAL (ONE TIME REFUND - FY 2006)	709,918	573,561	1.0%	714,437	721,581	728,797	736,085	743,446
EMERGENCY SUPPLY	59,072	8,344	2.0%	8,511	8,681	8,855	9,032	9,213
SALES TAX USED FOR CONSTRUCTION AND BOND PAYMENTS	34,384,906	34,977,839	2.0%	35,677,396	36,390,944	24,241,459	24,922,115	23,870,533
INTEREST INCOME	2,856,461	4,874,005	EXTRAPOLATED	4,537,780	4,281,977	3,707,266	3,259,717	3,079,590
OTHER INCOME	6,393	2,500	0.0%	2,500	2,500	2,500	2,500	2,500
TOTAL REVENUE	88,647,038	88,604,131		89,618,412	90,429,284	90,931,427	91,572,344	95,947,741
OPERATING EXPENDITURES								
WATER PURCHASES (3% ANNUAL RATE INCR. AFTER 1/1/07)	39,657,670	44,584,319	CALCULATED	45,187,726	46,920,176	48,706,282	50,580,904	52,505,924
20% CREDIT THRU 10/31/04; 10% FOR GENERATORS STARTING FY2010	(3,743,346)	0	CALCULATED	(868,166)	0	0	(5,058,090)	(2,061,910)
5 YEAR CAPITAL PLAN MAJOR REPAIRS	4,810,523	1,926,006	CALCULATED	2,938,000	0	0	0	0
OTHER OPERATING EXPENSES (EXCL BOND INTEREST/DEPRC)	8,035,655	10,226,824	5.0%	10,738,165	11,275,073	11,838,827	12,430,768	13,052,306
REVENUE BOND PRINCIPAL AND INTEREST COSTS	14,287,938	14,288,937	CALCULATED	14,290,188	14,290,687	14,289,438	14,290,437	14,292,438
G.O. BOND PRINCIPAL AND INTEREST COSTS	13,122,150	13,124,150	CALCULATED	13,117,900	13,117,650	13,116,900	13,121,275	13,119,413
CAPITAL EQUIPMENT	193,747	397,056	5.0%	200,000	210,000	220,500	231,525	243,101
TOTAL OPERATING EXPENDITURES AND COMMITMENTS	76,364,337	84,547,292		85,603,813	85,813,586	88,171,947	85,596,819	91,151,272
5 YEAR CAPITAL PLAN NEW CONSTRUCTION	13,792,352	5,356,901	CALCULATED	1,218,000	14,780,000	22,275,000	17,775,000	9,231,000
5 YEAR CONSTRUCTION PLAN (DELAY)-CATCH-UP	0	0	CALCULATED	0	0	0	0	0
OTHER MINOR RELATED OUTLAYS	0	0	4.0%	250,000	260,000	270,400	281,216	292,465
DUPAGE COUNTY SALES TAX GRANT	15,000,000	15,000,000	PA93-0226	15,000,000	15,000,000	0	0	0
WATER QUALITY LOANS	2,103,547	(902,956)	BOARD POLICY	(700,000)	(337,409)	0	0	0
TOTAL CASH OUTLAYS AND COMMITMENTS	107,260,236	104,001,237		101,371,813	115,516,177	110,717,347	103,653,035	100,674,737
NET TRANSACTIONS	(18,613,198)	(15,397,106)		(11,753,401)	(25,086,893)	(19,785,920)	(12,080,691)	(4,726,996)
BEGINNING FIVE YEAR PLAN CASH AND EQUIVALENTS	138,776,328	119,903,780	CALCULATED	104,506,674	92,753,273	67,666,380	47,880,460	35,799,769
CONVERTED (TO) - FROM RESTRICTED OR CAPITAL NET ASSETS	(259,350)	0		0	0	0	0	0
ENDING FIVE YEAR PLAN CASH AND EQUIVALENTS	119,903,780	104,506,674		92,753,273	67,666,380	47,880,460	35,799,769	31,072,773
HELD FOR EMERGENCY REPAIRS-TARGET (1)	12,300,000	12,400,000	3.0%	12,800,000	13,200,000	13,600,000	14,000,000	14,400,000
O&M RATE STABILIZATION RESERVE	42,862,895	30,074,422		16,371,763	2,650,688	0	0	0
CONSTRUCTION RESERVE	15,879,132	27,267,543		43,116,801	46,013,574	28,478,342	15,997,651	10,870,655
PA93-0226 UNDISTRIBUTED	45,000,000	30,000,000		15,000,000	0	0	0	0
UNDISTRIBUTED WATER QUALITY LOANS	3,861,753	4,764,709		5,464,709	5,802,118	5,802,118	5,802,118	5,802,118
ENDING FIVE YEAR PLAN CASH AND EQUIVALENTS BY CATEGORY	119,903,780	104,506,674		92,753,273	67,666,380	47,880,460	35,799,769	31,072,773
O & M RATE	1.43	1.23		1.24	1.24	1.24	1.24	1.34
FIXED COST RATE	0.23	0.21		0.21	0.21	0.21	0.21	0.21
TOTAL RATE	1.66	1.44		1.45	1.45	1.45	1.45	1.55

NOTE (1) - TO MAX OF 25,000,000

REVISED: 01/04/06

DUPAGE WATER COMMISSION - 14 YEAR PROJECTION
SUMMARY OF REVENUES, EXPENDITURES AND FUND BALANCES
MAY 1, 2006 TO APRIL 30, 2020
50% REVENUE BOND SUBSIDY - \$1.45 RATE THRU FY09-10 - THEN \$1.55 - RESERV. ACCEL

ACCOUNT TITLE	ALL FUNDS FY 11-12 FORECAST	ALL FUNDS FY 12-13 FORECAST	ALL FUNDS FY 13-14 FORECAST	ALL FUNDS FY 14-15 FORECAST	ALL FUNDS FY 15-16 FORECAST	ALL FUNDS FY 16-17 FORECAST	ALL FUNDS FY 17-18 FORECAST	ALL FUNDS FY 18-19 FORECAST	ALL FUNDS FY 19-20 FORECAST
REVENUES									
O & M PAYMENTS	46,700,658	47,403,895	47,758,769	48,113,494	48,475,633	56,079,770	56,500,701	56,922,149	57,344,316
SALES TAX USED FOR O & M COSTS	19,616,544	21,410,846	23,746,224	26,101,941	28,618,770	0	23,628,973	28,899,583	31,674,836
FIXED COST PAYMENTS (% PAID BY SALES TAX)	7,144,594	7,144,844	7,144,163	7,144,969	7,143,844	0	0	0	0
SUBSEQUENT CUSTOMER DIFFERENTIAL (ONE TIME REFUND - FY 2006)	750,880	758,389	765,973	773,633	781,369	789,183	797,075	805,046	813,096
EMERGENCY SUPPLY	9,397	9,585	9,777	9,973	10,172	10,375	10,583	10,795	11,011
SALES TAX USED FOR CONSTRUCTION AND BOND PAYMENTS	19,774,184	18,767,697	17,235,890	15,699,815	14,019,021	43,490,547	20,731,385	16,347,982	14,477,680
INTEREST INCOME	2,993,502	3,289,208	3,560,562	3,796,279	3,993,558	4,150,762	5,278,818	5,709,438	6,096,863
OTHER INCOME	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500
TOTAL REVENUE	96,992,259	98,786,964	100,223,858	101,642,604	103,044,867	104,523,137	106,950,035	108,697,493	110,420,302
OPERATING EXPENDITURES									
WATER PURCHASES (3% ANNUAL RATE INCR. AFTER 1/1/07)	54,484,220	56,558,486	58,694,265	60,892,006	63,199,341	65,579,480	68,061,374	70,611,376	73,268,742
20% CREDIT THRU 10/31/04; 10% FOR GENERATORS STARTING FY2010	0	0	0	0	0	0	0	0	0
5 YEAR CAPITAL PLAN MAJOR REPAIRS	599,352	611,339	623,566	636,037	648,758	661,733	674,968	688,467	702,236
OTHER OPERATING EXPENSES (EXCL BOND INTEREST/DEPRC)	13,704,921	14,390,167	15,109,675	15,865,159	16,658,417	17,491,338	18,365,905	19,284,200	20,248,410
REVENUE BOND PRINCIPAL AND INTEREST COSTS	14,289,187	14,289,688	14,288,325	14,289,937	14,287,687	0	0	0	0
G.O. BOND PRINCIPAL AND INTEREST COSTS	0	0	0	0	0	0	0	0	0
CAPITAL EQUIPMENT	255,256	268,019	281,420	295,491	310,266	325,779	342,068	359,171	377,130
TOTAL OPERATING EXPENDITURES AND COMMITMENTS	83,332,936	86,117,699	88,997,251	91,978,630	95,104,469	84,058,330	87,444,315	90,943,214	94,596,518
5 YEAR CAPITAL PLAN NEW CONSTRUCTION	2,500,000	2,550,000	2,601,000	2,653,020	2,706,080	2,760,202	2,815,406	2,871,714	2,929,148
5 YEAR CONSTRUCTION PLAN (DELAY)-CATCH-UP	0	0	0	0	0	0	0	0	0
OTHER MINOR RELATED OUTLAYS	304,164	316,331	328,984	342,143	355,829	370,062	384,864	400,259	416,269
DUPAGE COUNTY SALES TAX GRANT	0	0	0	0	0	0	0	0	0
WATER QUALITY LOANS	0	(368,308)	(368,308)	(368,308)	(368,308)	(368,308)	(368,308)	(368,308)	(368,308)
TOTAL CASH OUTLAYS AND COMMITMENTS	86,137,100	88,615,722	91,558,927	94,605,485	97,798,070	86,820,286	90,276,277	93,846,879	97,573,627
NET TRANSACTIONS	10,855,159	10,171,242	8,664,931	7,037,119	5,246,797	17,702,851	16,673,758	14,850,614	12,846,675
BEGINNING FIVE YEAR PLAN CASH AND EQUIVALENTS	31,072,773	41,927,932	52,099,174	60,764,105	67,801,224	73,048,021	118,877,152	135,550,910	150,401,524
CONVERTED (TO) - FROM RESTRICTED OR CAPITAL NET ASSETS	0	0	0	0	0	28,126,280	0	0	0
ENDING FIVE YEAR PLAN CASH AND EQUIVALENTS	41,927,932	52,099,174	60,764,105	67,801,224	73,048,021	118,877,152	135,550,910	150,401,524	163,248,199
HELD FOR EMERGENCY REPAIRS-TARGET (1)	14,800,000	15,200,000	15,700,000	16,200,000	16,700,000	17,200,000	17,700,000	18,200,000	18,700,000
O&M RATE STABILIZATION RESERVE	0	0	0	0	0	2,802,048	0	0	0
CONSTRUCTION RESERVE	21,325,814	30,728,748	38,525,371	44,694,182	49,072,671	91,231,446	109,838,944	123,821,250	135,799,617
PA93-0226 UNDISTRIBUTED	0	0	0	0	0	0	0	0	0
UNDISTRIBUTED WATER QUALITY LOANS	5,802,118	6,170,426	6,538,734	6,907,042	7,275,350	7,643,658	8,011,966	8,380,274	8,748,582
ENDING FIVE YEAR PLAN CASH AND EQUIVALENTS BY CATEGORY	41,927,932	52,099,174	60,764,105	67,801,224	73,048,021	118,877,152	135,550,910	150,401,524	163,248,199
O & M RATE	1.34	1.35	1.35	1.35	1.35	1.55	1.55	1.55	1.55
FIXED COST RATE	0.21	0.20	0.20	0.20	0.20	0.00	0.00	0.00	0.00
TOTAL RATE	1.55	1.55	1.55	1.55	1.55	1.55	1.55	1.55	1.55

NOTE (1) - TO MAX OF 25,000,000

REVISED: 01/04/06

SUMMARY OF ESTIMATED NEW CONSTRUCTION COSTS
50% REVENUE BOND SUBSIDY - \$1.45 RATE THRU FY09-10 - THEN \$1.55 - RESERV. ACCELERATED

DESCRIPTION (BASED ON FY 05-06 COSTS)	FY 06-07	FY 07-08	FY 08-09	FY 09-10	FY 10-11	TOTAL
DUPAGE PUMP STATION IMPROVEMENTS						
8 MW Electrical Generator Facility - Engineering	680,000	425,000	425,000	200,000		1,730,000
8 MW Electrical Generator Facility - Construction		6,000,000	4,500,000	1,000,000		11,500,000
Garage/Office Building- Engineering	50,000	25,000	25,000			100,000
Garage/Office Building- Construction		700,000	700,000			1,400,000
Cadwell Avenue Realignment- Engineering	26,500					26,500
Cadwell Avenue Realignment- Construction	150,000					150,000
30 MG Reservoir Engineering		250,000	350,000	300,000	300,000	1,200,000
30 MG Reservoir Construction			7,760,000	15,250,000	7,750,000	30,760,000
Material and Equipment Storage Facilities- Engineering			60,000			60,000
Material and Equipment Storage Facilities- Construction			640,000			640,000
Pump #10-Engineering					40,000	40,000
Pump #10-Installation					438,000	438,000
LEXINGTON PUMP STATION IMPROVEMENTS						
Generator Facility - Engineering	200,000	1,090,000	450,000			1,740,000
Generator Facility - Construction		6,000,000	6,500,000			12,500,000
STANDPIPE IMPROVEMENTS						
Standpipe #4 East Riser Pipe Modifications- Engineering	13,000					13,000
Standpipe #4 East Riser Pipe Modifications- Construction	98,000					98,000
	<u>1,217,500</u>	<u>14,490,000</u>	<u>21,410,000</u>	<u>16,750,000</u>	<u>8,528,000</u>	<u>62,395,500</u>
INFLATION FACTOR 2% PER YEAR	100.0%	102.0%	104.0%	106.1%	108.2%	104.6%
	<u>1,218,000</u>	<u>14,780,000</u>	<u>22,275,000</u>	<u>17,775,000</u>	<u>9,231,000</u>	<u>65,279,000</u>

Note (1) - Includes legal, property acquisition (if any) and soil testing services.

REVISED: 01/04/06

SUMMARY OF ESTIMATED MAJOR REPAIR COSTS
50% REVENUE BOND SUBSIDY - \$1.45 RATE THRU FY09-10 - THEN \$1.55 - RESERV. ACCELERATED

BASED ON FY 05-06 COSTS	FY 06/07	FY 07/08	FY 08/09	FY 09/10	FY 10/11	Total
DISTRIBUTION SYSTEM IMPROVEMENTS						
Contract BOV-2; Rehab Blowoff Valves 90" TM-Engineering Tech Observ.	DWC In House					
Contract BOV-2; Rehab Blowoff Valves 90" TM-Construction	2,528,000					2,528,000
Contract TBA; Valve Stem Replacements	410,000					410,000
PUMP STATION IMPROVEMENTS						
None						
STANDPIPE IMPROVEMENTS						
None						
	2,938,000	0	0	0	0	2,938,000
INFLATION FACTOR 2% PER YEAR	100.0%	102.0%	104.0%	106.1%	108.2%	100.0%
	2,938,000	0	0	0	0	2,938,000

REVISED: 01/04/06

**DUPAGE WATER COMMISSION
2006 – 2007
FIVE YEAR CAPITAL IMPROVEMENT PLAN**

DISTRIBUTION SYSTEM IMPROVEMENTS

**DUPAGE WATER COMMISSION
2006 – 2007
FIVE YEAR CAPITAL IMPROVEMENT PLAN**

PROJECT: Contract BOV-2; Rehab Blow-off Valves 90"

LOCATION: Cook County

DESCRIPTION: Rehabilitate 29 blow-off valves on the Commission's 90" Transmission Main

PURPOSE: To reduce the number of leaking blow-off valves that requires continuous repair and/or replacement by systematically rehabilitating all such valves.

BENEFIT: This rehabilitation will eliminate untimely leaks along the 90" Transmission Main.

ESTIMATED COST (2006 DOLLARS):

ENGINEERING: Technical observation and construction services by DWC personnel

LAND/ROW: None; work performed on Commission owned pipe

CONSTRUCTION: \$2,528,000

TIMING: Fiscal Year 2006-2007 – Construction completed

**DUPAGE WATER COMMISSION
2006 – 2007
FIVE YEAR CAPITAL IMPROVEMENT PLAN**

PROJECT: Valve Stem Replacement

LOCATION: Cook and DuPage Counties

DESCRIPTION: Replace hollow core valve risers for all line valves with solid stock risers.

PURPOSE: The originally installed hollow core valve risers have corroded making them unreliable due to their tendency to fail during operation.

BENEFIT: The Commission has experienced numerous failures of the originally installed hollow core risers during performance of the valve/exercise program.

ESTIMATED COST (2006 DOLLARS):

ENGINEERING: Technical observation and construction services by DWC personnel

LAND/ROW: None; work performed on Commission owned pipe

CONSTRUCTION: \$410,000

TIMING: Fiscal Year 2006-2007 – Construction completed

**DUPAGE WATER COMMISSION
2006 – 2007
FIVE YEAR CAPITAL IMPROVEMENT PLAN**

This page left blank intentionally

**DUPAGE WATER COMMISSION
2006 – 2007
FIVE YEAR CAPITAL IMPROVEMENT PLAN**

DUPAGE PUMP STATION IMPROVEMENTS

**DUPAGE WATER COMMISSION
2006 – 2007
FIVE YEAR CAPITAL IMPROVEMENT PLAN**

PROJECT: 8 MW Electrical Generation Facility

LOCATION: East side of the DuPage Pumping Station service yard

DESCRIPTION: Construct building and install diesel fueled generators.

PURPOSE: Backup electrical power to provide average day flow.

BENEFIT: To maintain pumping operations during electrical power outages. In addition, installed generation will allow DWC to enter into a "curtailable" electric rate structured contract.

ESTIMATED COST (2006 DOLLARS):

ENGINEERING: \$1,730,000

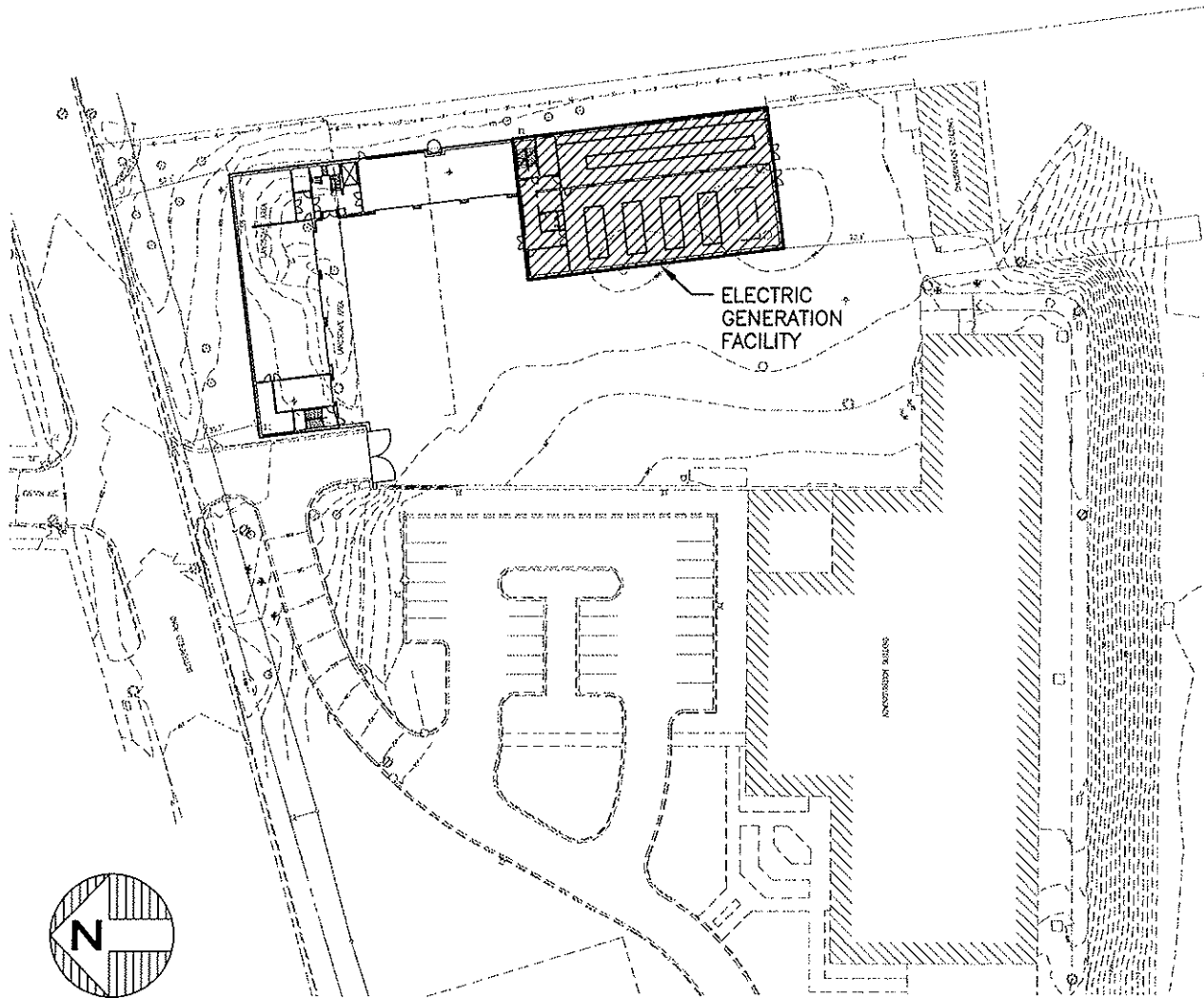
LAND/ROW: Constructed on property owned by Commission

CONSTRUCTION: \$11,500,000

TIMING: Fiscal year 2006-2007 – Complete design
Fiscal year 2007-2008 – Construction begins

See site plan on next page.

PROPOSED 8 MW ELECTRIC GENERATION FACILITY DU PAGE WATER COMMISSION



**DUPAGE WATER COMMISSION
2006 – 2007
FIVE YEAR CAPITAL IMPROVEMENT PLAN**

PROJECT: Garage/Office Building

LOCATION: East side of the DuPage Pumping Station service yard

DESCRIPTION: Small vehicles, parts storage and additional office space for Pipeline, Facilities Construction and GIS Staff.

PURPOSE: To provide garage space for vehicles and spare/stock parts. In addition, provide office space and training facilities for staff.

ESTIMATED COST (2006 DOLLARS):

ENGINEERING: \$100,000

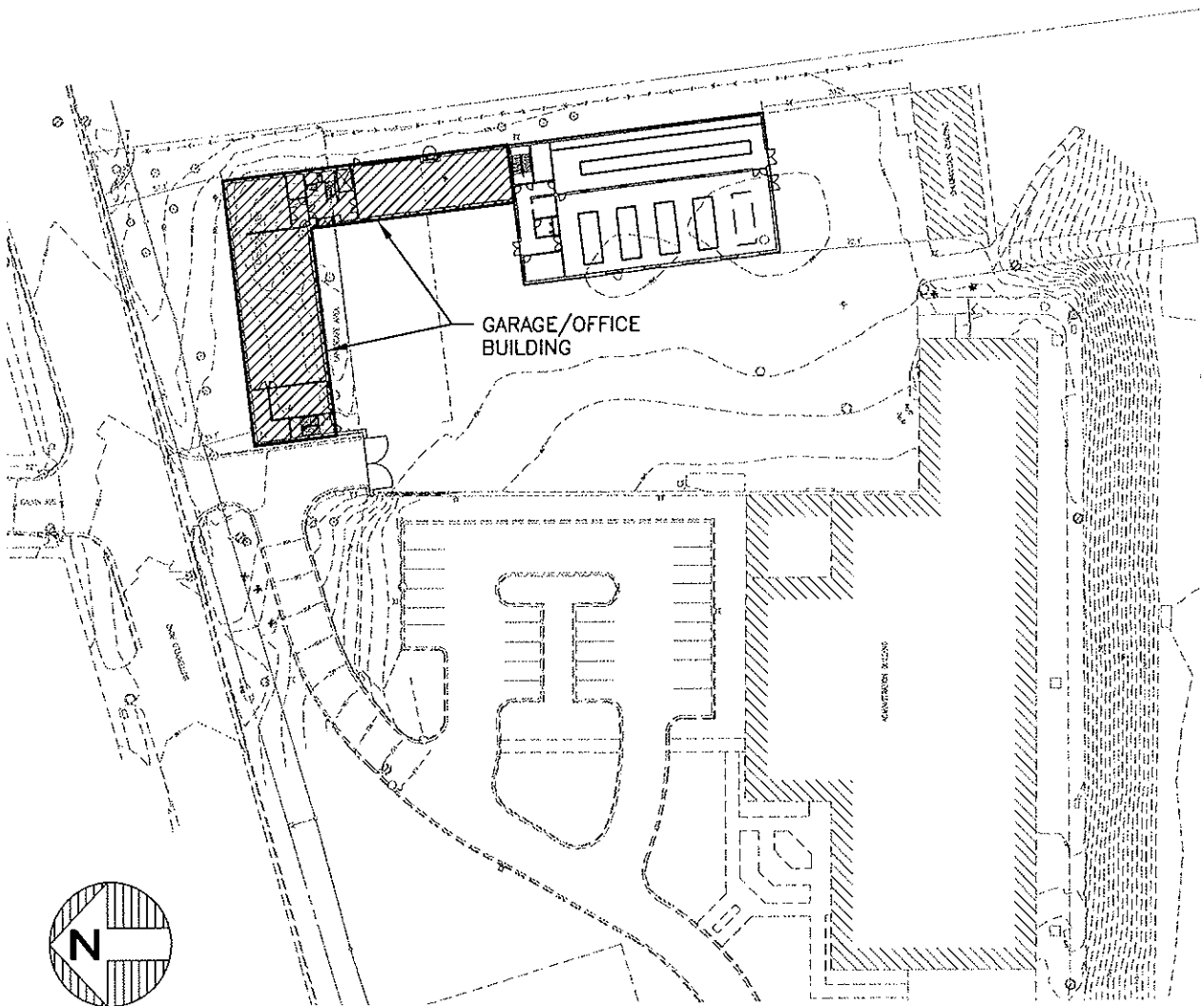
LAND/ROW: Constructed on property owned by Commission

CONSTRUCTION: \$1,400,000

TIMING: Fiscal year 2006-2007 – Complete design
Fiscal year 2007-2008 – Construction begins

See site plan on next page.

PROPOSED GARAGE/OFFICE BUILDING DU PAGE WATER COMMISSION



**DUPAGE WATER COMMISSION
2006 – 2007
FIVE YEAR CAPITAL IMPROVEMENT PLAN**

PROJECT: Cadwell Avenue Realignment

LOCATION: On the south and west sides of the DuPage Pumping Station existing 30 MG reservoir

DESCRIPTION: Remove existing township road and replace with Elmhurst road aligned with existing improved roadway.

PURPOSE: Allows the Commission to formally abandon Congress and Harrison Avenue right of ways as approved in an Intergovernmental Agreement with the City of Elmhurst.

BENEFIT: Allows for relocation of utilities and thereby allowing the Commission to provide and install additional perimeter security at the DuPage Pumping Station.

ESTIMATED COST (2006 DOLLARS):

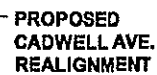
ENGINEERING: \$26,500

LAND/ROW: None; previously negotiated and acquired

CONSTRUCTION: \$150,000

TIMING: Fiscal Year 2006-2007 – Design completed and Construction

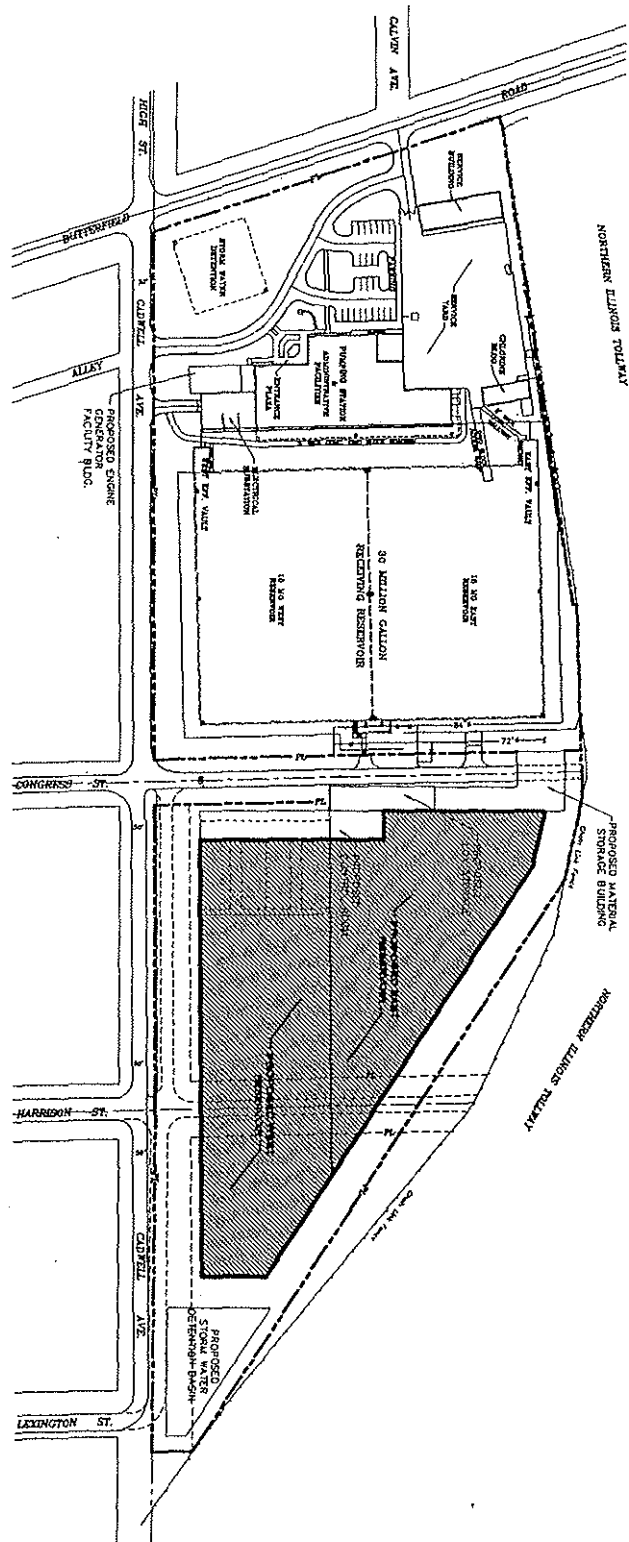
See site plan on next page.



**DUPAGE WATER COMMISSION
2006 – 2007
FIVE YEAR CAPITAL IMPROVEMENT PLAN**

- PROJECT:** Proposed 30 Million-Gallon Reservoir
- LOCATION:** South of two existing 15 million-gallon (MG) reservoirs at the DuPage Pumping Station
- DESCRIPTION:** Two 15-MG concrete reservoirs with baffled walls to prevent short-circuiting. The reservoirs will operate in series with the existing reservoirs. The influent of the proposed reservoirs will be constructed to allow for the addition of a taste and odor chemical feed system, if needed in the future.
- PURPOSE:** Increase storage capacity in the event of disruption in service from Chicago.
- BENEFIT:** Provide additional time for the Commission's customer utilities in the event of disruption of supply from Chicago and ability to take more water off peak to decrease power demand charge at Lexington Pumping Station.
- ESTIMATED COST (2006 DOLLARS):**
- ENGINEERING:** \$1,200,000
- LAND/ROW:** Construction on property owned by Commission
- CONSTRUCTION:** \$30,760,000
- TIMING:** Fiscal year 2007-2008 – Design completed
Fiscal year 2008-2009 – Construction begins

See drawing on next page.



**DUPAGE WATER COMMISSION
2006 – 2007
FIVE YEAR CAPITAL IMPROVEMENT PLAN**

PROJECT: Material and Equipment Storage Facilities

LOCATION: South side of the DuPage Pumping Station existing 30 MG reservoir

DESCRIPTION: Three sided material storage and a garage for heavy equipment.

PURPOSE: To stockpile granular and landscape materials for facilities maintenance and a garage for heavy vehicles and equipment.

BENEFIT: To provide indoor housing for vehicles and equipment and allowing for materials on hand.

ESTIMATED COST (2006 DOLLARS):

ENGINEERING: \$60,000

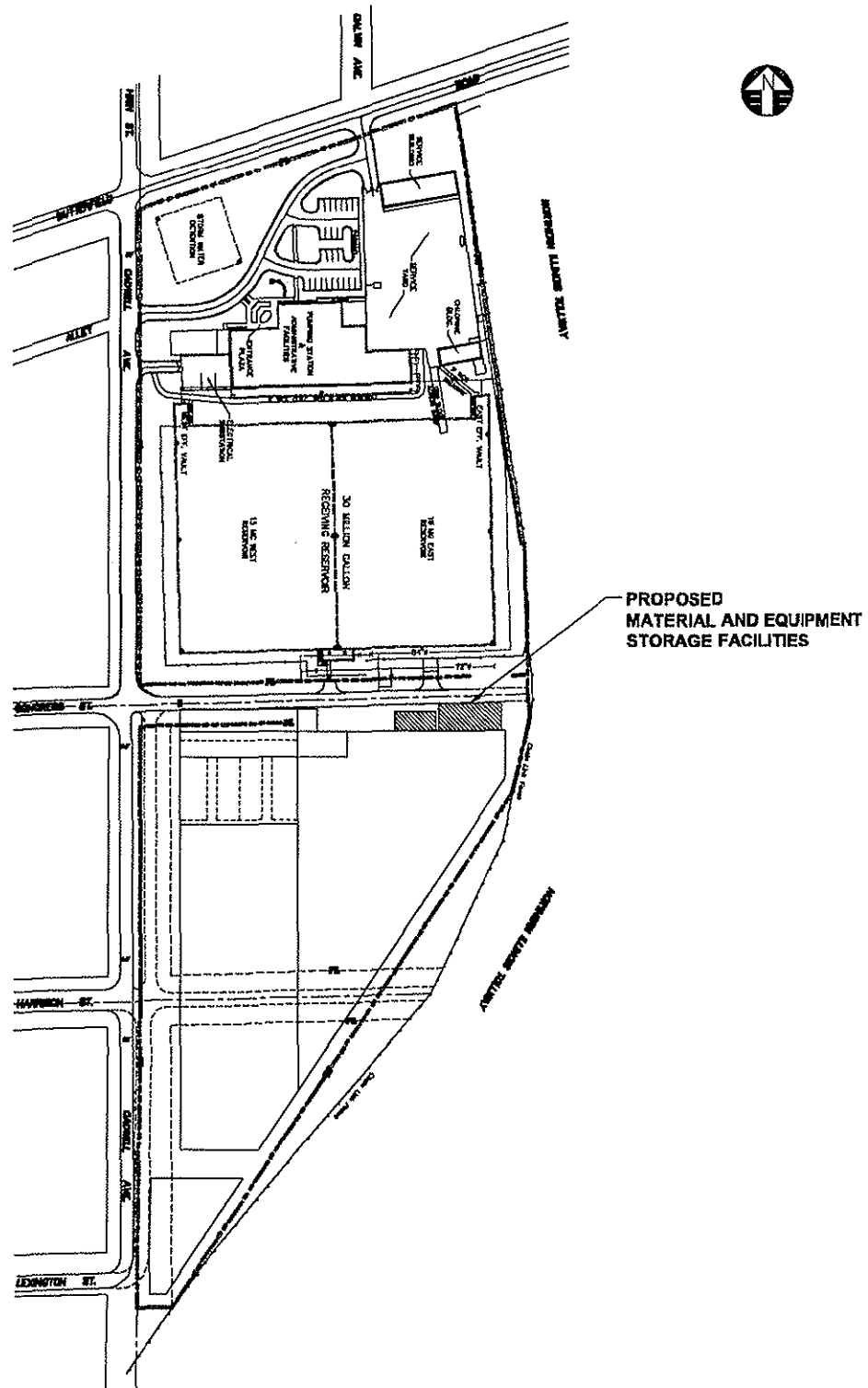
LAND/ROW: Constructed on property owned by Commission

CONSTRUCTION: \$640,000

TIMING: Fiscal Year 2008-2009 – Construction

See site plan on next page.

PROPOSED MATERIAL AND EQUIPMENT STORAGE FACILITIES DU PAGE WATER COMMISSION



**DUPAGE WATER COMMISSION
2006 – 2007
FIVE YEAR CAPITAL IMPROVEMENT PLAN**

PROJECT: Pump #10

LOCATION: DuPage Pumping Station

DESCRIPTION: Install 30 MGD split case centrifugal pump and associated piping in space reserved for future pump.

PURPOSE: To increase firm pumping capacity from 210 MGD to 240 MGD to satisfy future demand requirements.

BENEFIT: To keep up with current rising water demands, new customers and maintain current ability to remove pumps from service without reducing pumping capacity.

ESTIMATED COST (2006 DOLLARS):

ENGINEERING: \$40,000

LAND/ROW: Improvements to be constructed on property presently owned by the Commission

CONSTRUCTION: \$438,000

TIMING: Fiscal year 2010-2011 – Engineering
Fiscal year 2010-2011 – Installation

See drawing on next page.

LOWER LEVEL PLAN

**DUPAGE WATER COMMISSION
2006 – 2007
FIVE YEAR CAPITAL IMPROVEMENT PLAN**

This page left blank intentionally

**DUPAGE WATER COMMISSION
2006 – 2007
FIVE YEAR CAPITAL IMPROVEMENT PLAN**

LEXINGTON PUMP STATION IMPROVEMENTS

**DUPAGE WATER COMMISSION
2006 – 2007
FIVE YEAR CAPITAL IMPROVEMENT PLAN**

PROJECT: Electrical Generation Facility

LOCATION: City of Chicago Lexington Pumping Station

DESCRIPTION: Construct building and install stand-by generators. Note: Discussions are being held with the Chicago Water Department to design, construct and operate these facilities. Preliminarily, Chicago is willing to reimburse half of the cost of generation facility up to \$8.5 million. The Commission would provide initial funding and the Chicago Water Department would reimburse the Commission with a credit against the Commission's water purchases.

PURPOSE: To provide critical backup electrical power at Lexington Pumping Station

BENEFIT: To provide continuous pumping operations to the DuPage Pumping Station during electrical power outages in the City of Chicago. In addition, installed generation will allow the City to enter into a "curtailable" electric rate structured contract.

ESTIMATED COST (2006 DOLLARS):

ENGINEERING: \$1,740,000

LAND/ROW: Minimal

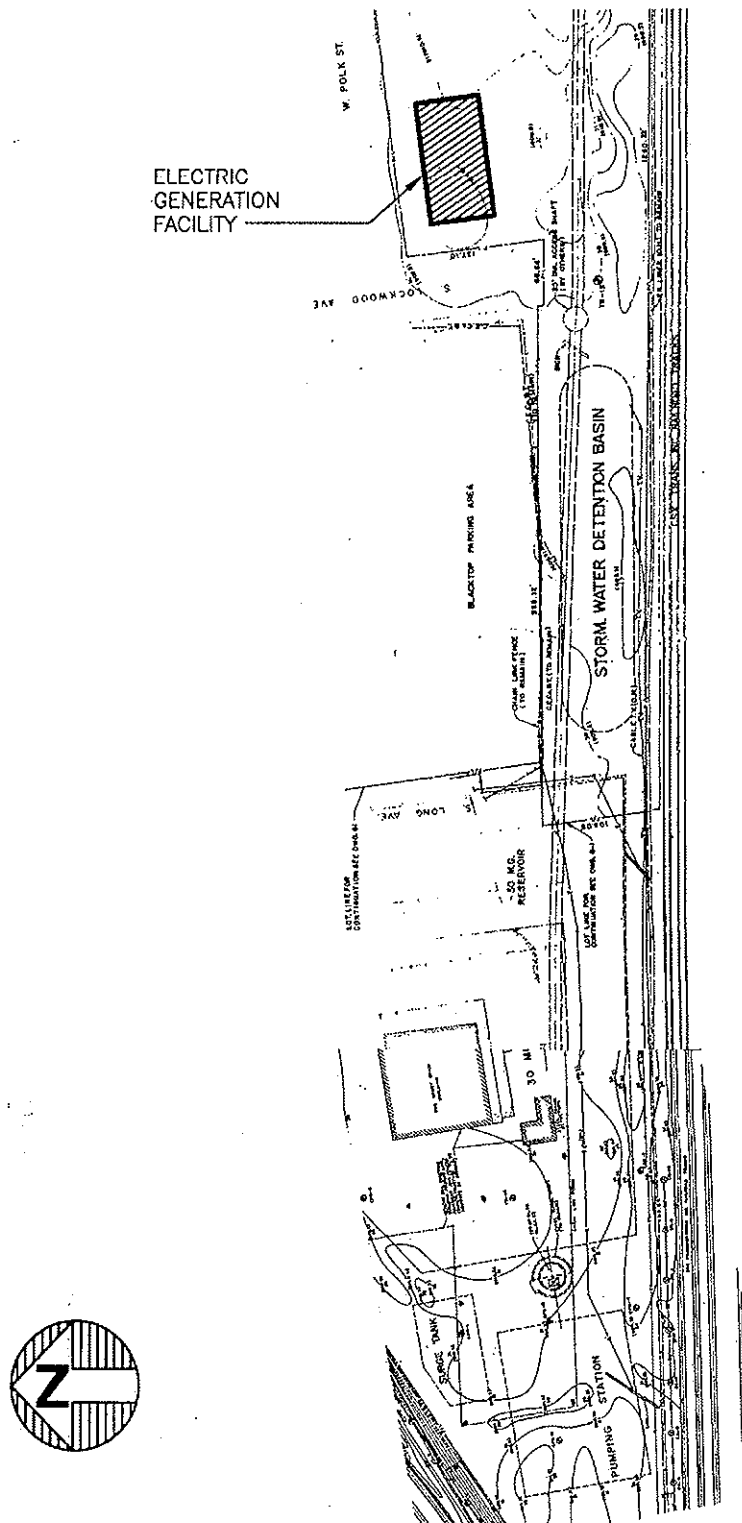
CONSTRUCTION: \$12,500,000

REIMBURSEMENT: \$7,120,000

TIMING: Fiscal year 2006-2007 – Design begins
Fiscal year 2007-2009 – Construction begins

See site plan on next page.

ELECTRIC GENERATION FACILITY AT LEXINGTON PUMPING STATION DU PAGE WATER COMMISSION



**DUPAGE WATER COMMISSION
2006 – 2007
FIVE YEAR CAPITAL IMPROVEMENT PLAN**

This page left blank intentionally

**DUPAGE WATER COMMISSION
2006 – 2007
FIVE YEAR CAPITAL IMPROVEMENT PLAN**

STANDPIPE IMPROVEMENTS

**DUPAGE WATER COMMISSION
2006 – 2007
FIVE YEAR CAPITAL IMPROVEMENT PLAN**

PROJECT: Standpipe #4 East Riser Modifications

LOCATION: Standpipes #4E & #4W Lisle Township.

DESCRIPTION: Install modified inlet riser pipes within standpipes.

PURPOSE: To allow for better mixing of water when filling tanks.

BENEFIT: By lengthening and providing openings on the inlet riser pipes, better mixing of water by de-stratification will assist in reducing taste and odor problems that result from stale water.

ESTIMATED COST (2006 DOLLARS):

ENGINEERING: \$13,000

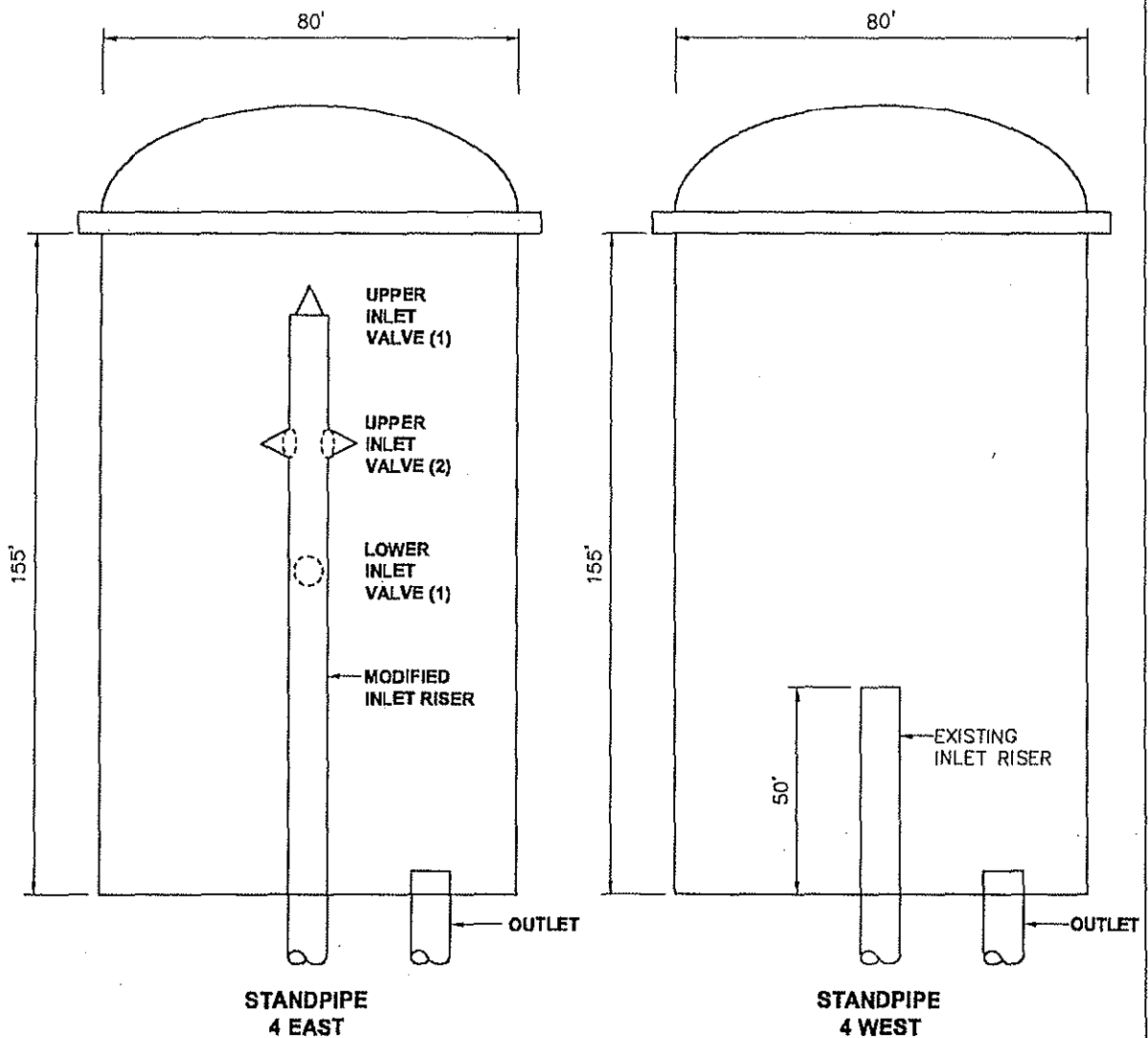
LAND/ROW: Improvements to be constructed on property presently owned by the Commission.

CONSTRUCTION: \$98,000

TIMING: Fiscal year 2006-2007 – Construction

See drawing on next page.

PROPOSED TS NO.4 RISER PIPE MODIFICATIONS DU PAGE WATER COMMISSION





DuPage Water Commission

MEMORANDUM

TO: Chairman Vondra and Commissioners

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

DATE: January 6, 2006

SUBJECT: Emergency Operations and Maintenance

Attached is a report that summarizes options for emergency operations in the event of a loss of electrical service. In addition, the report discusses alternatives for enhanced maintenance at the Lexington Pumping Station.

With respect to enhanced maintenance at the Lexington Pumping Station, Staff is recommending that the Commission and the Chicago Department of Water Management perform joint maintenance at the Lexington Pumping Station. This alternative is described under 3.3 of the report. Under this arrangement, Chicago would continue to operate and maintain the Lexington Pumping Station, with the Commission performing joint monthly inspections. The Commission would also finance unbudgeted or high cost items for the station. Staff is recommending this alternative because it appears to be the only alternative acceptable to Chicago.

With respect to emergency operations in the event of a loss of electrical service, the report describes a number of options, including centralized backup generation (in full and in part), decentralized backup generation (in full and in part), and maintenance of the status quo. Staff is recommending the fully-centralized option (see 4.0 of the report), which would include the construction of backup generation at the DuPage Pumping Station and the Commission paying half of the cost of backup generation at the Lexington Pumping Station. Staff is recommending this option because the Commission's charter is to provide treated Lake Michigan water to its customers within DuPage County. The Commission should take the necessary safeguards to provide the reliable source of treated Lake Michigan water that Commission customers have come to expect. Doing nothing or opting for a decentralized approach could be viewed as the Commission abdicating its responsibilities.

- 1.0 Executive Summary
 - 1.1 Background
 - 1.2 Maintenance of the Lexington Pumping Station
 - 1.3 Emergency Operations in the Event of a Loss of Electrical Service
 - 1.3.1 Fully Centralized Backup Generation Option
 - 1.3.2 Fully Decentralized Backup Generation Option
 - 1.3.3 Limited Centralized Backup Generation Option—Generation at DuPage Pumping Station (With or Without Additional Reservoir and/or Generation at Emergency Wells)
 - 1.3.4 Status Quo Option
- 2.0 Background
 - 2.1 Water Supply Contract with City of Chicago
 - 2.1.1 CDWM to Operate Lexington
 - 2.1.2 Water Storage Requirement
 - 2.2 Water Purchase and Sale Contract with Customer Utilities
 - 2.2.1 Charter Customer Storage Requirement
 - 2.2.2 Subsequent Customer Storage Requirement
 - 2.3 The Waterworks System and Its Existing Redundancies
 - 2.3.1 DuPage Pumping Station Electrical Supply
 - 2.3.2 72" Transmission Main
 - 2.3.3 West and Inner Belt Transmission Mains
 - 2.4 Capital Improvement Plans
 - 2.4.1 Future Reservoir
 - 2.4.2 Backup Generation
 - 2.4.2.1 September 11, 2001 Terrorist Attack
 - 2.4.2.2 Vulnerability Assessment
 - 2.4.2.3 August 14, 2003 Northeast Coast Blackout
- 3.0 Maintenance of Lexington Pumping Station
 - 3.1 DWC Retains Ownership of Lexington Pumping Station
 - 3.1.1 Advantages of Retaining Ownership
 - 3.1.2 Disadvantages of Retaining Ownership
 - 3.2 DWC Maintenance of Lexington Pumping Station
 - 3.2.1 Advantages of DWC Maintenance
 - 3.2.2 Disadvantages of DWC Maintenance
 - 3.3 DWC/CDWM Joint Maintenance of Lexington Pumping Station
 - 3.3.1 Advantages of DWC/CDWM Joint Maintenance
 - 3.3.2 Disadvantages of DWC/CDWM Joint Maintenance
 - 3.4 Performance-Based CDWM Contractual Maintenance
 - 3.4.1 Advantages of Performance-Based CDWM Contractual Maintenance
 - 3.4.2 Disadvantages of Performance-Based CDWM Contractual Maintenance

- 4.0 Fully Centralized Backup Generation Option
 - 4.1 Backup Generation at the DuPage Pumping Station
 - 4.2 Backup Generation at the Lexington Pumping Station
 - 4.3 Advantages of Fully Centralized Option
 - 4.4 Disadvantages of Fully Centralized Option
 - 4.5 CDWM Participation in the Cost of Backup Generation at the Lexington Pumping Station

- 5.0 Fully Decentralized Backup Generation Option
 - 5.1 Advantages of Fully Decentralized Option
 - 5.2 Disadvantages of Fully Decentralized Option
 - 5.3 DWC Funds/Reimburses the Installation of Generators at Emergency Wells
 - 5.3.1 Advantages of DWC Funding/Reimbursement
 - 5.3.2 Disadvantages of DWC Funding/Reimbursement
 - 5.4 DWC Takes Over Ownership of Emergency Wells
 - 5.4.1 Advantages of DWC Ownership of Emergency Wells
 - 5.4.2 Disadvantages of DWC Ownership of Emergency Wells

- 6.0 Limited Centralized Backup Generation Option—Generation at DuPage Pumping Station (With or Without Additional Reservoir and/or Generation at Emergency Wells)
 - 6.1 Backup Generation at DuPage Pumping Station Only
 - 6.1.1 Advantages of Generation at DuPage Pumping Station Only
 - 6.1.2 Disadvantages of Generation at DuPage Pumping Station Only
 - 6.2 Additional Reservoir

- 7.0 Status Quo Option
 - 7.1 Customer Utilities are Responsible if DWC is Unable to Operate
 - 7.1.1 Advantages of Customer Utilities being Responsible if DWC is Unable to Operate
 - 7.1.2 Disadvantages of Customer Utilities being Responsible if DWC is Unable to Operate
 - 7.2 Interconnections

1.0 Executive Summary.

1.1 Background. The continuous operation of the Lexington Pumping Station is essential to the continuous operation of the Commission's Waterworks System. This report discusses alternatives for enhanced maintenance at the Lexington Pumping Station and summarizes options for emergency operations in the event of a loss of electrical service.

The existing Water Supply Contract with the City of Chicago assigns responsibility for the operation and maintenance of the Lexington Pumping Station to Chicago. The Water Supply Contract also specifies that the Commission and Chicago share equally in the cost of operating and maintaining the Lexington Pumping Station except that the Commission pays approximately 80% of the electrical costs (depending upon water levels in the tunnel). The Water Supply Contract does not, however, establish any criteria for determining the required level of maintenance for the Lexington Pumping Station. Even though there has been no instance to date where a request for additional supply has not been honored by Chicago due to mechanical/electrical issues, Commission Staff believes that this is more a function of the newness of the station.

With respect to emergency operations in the event of a loss of electrical service, the Commission's Vulnerability Assessment identifies the lack of backup generation as the greatest vulnerability facing the Commission. Despite this identified vulnerability, the only emergency operational safeguard addressed in the Water Supply Contract with Chicago is a requirement for the Commission and its customers to collectively maintain storage in the amount of two times annual average daily demand. Although this storage requirement is consistent with the Commission's practice of continuing to improve the reliability of the Waterworks System to ensure the Commission's ability to supply average day demand during emergencies, additional safeguards in the event of a loss of electrical service should be considered.

1.2 Maintenance of the Lexington Pumping Station. Even though the Chicago Department of Water Management has renewed its commitment toward maintenance at the Lexington Pumping Station, Staff would prefer that maintenance at the Lexington Pumping Station be enhanced. As a result, several different alternatives for obtaining the desired level of maintenance (and the advantages and disadvantages associated with each alternative) have been considered, including retaining ownership of the Lexington Pumping Station, contractually-required enhanced maintenance of the Lexington Pumping Station by either the Commission or Chicago, and joint maintenance of the Lexington Pumping Station.

1.3 Emergency Operations in the Event of a Loss of Electrical Service. Several different options for emergency operations in the event of a loss of electrical service (and the advantages and disadvantages associated with each option) have also been considered, including centralized backup generation (in full and in part), decentralized backup generation (in full and in part), and maintenance of the status quo.

1.3.1 Fully Centralized Backup Generation Option. The fully centralized backup generation option would require the installation of backup generators at both the DuPage and Lexington Pumping Stations. In order to provide sufficient power to pump

year 2020 average day flow (108 MGD), the electrical generation study for the DuPage Pumping Station recommended the installation of four 2-MW diesel generators at an estimated cost of \$14.7 million for the backup generation facility and associated rebuilding of the service building. An electrical generation study for the Lexington Pumping Station has not yet been performed.

1.3.2 Fully Decentralized Backup Generation Option. Under the fully decentralized backup generation option, the Commission would not install backup generation at either the DuPage or Lexington Pumping Stations but, rather, smaller generators would be installed at customer well sites throughout DuPage County.¹ Whether the Commission would fund the cost of installing the generators is an open issue. But if the Commission were to fund the cost of installing the generators, the customer utilities would operate them at their own discretion. In addition, ownership of the generators and/or customer well sites would also have to be addressed, including probable ownership by the Commission in order to satisfy legal concerns and to assure access to all Commission revenues for funding.

1.3.3 Limited Centralized Backup Generation Option—Generation at the DuPage Pumping Station (With or Without Additional Reservoir and/or Generation at Emergency Wells). This option involves the installation of backup generation only at the DuPage Pumping Station, with or without the installation of an additional 30 million gallons of water storage at the DuPage Pumping Station. Under this option, the Commission's customers would have eight hours—16 if an additional 30 million gallons of storage is constructed—to activate their own emergency operation procedures. This option could also be coupled with the decentralized option of installing generators at customer well sites (in full or in part).

1.3.4 Status Quo Option. Another option is for the customer utilities to remain solely responsible for their own emergency operation procedures. The Commission would continue to use its best efforts to furnish Lake Water to customers, but if the Commission were unable to do so, the customers would have to use whatever means necessary to find alternative water supplies during emergencies.

¹ Under this option, backup wells would need to be developed for some customers in order to assure equality among customers.

2.0 Background

2.1 Water Supply Contract with City of Chicago. The Commission entered into a Water Supply Contract with the City of Chicago on March 19, 1984. The term of the Contract is forty years. There are two important requirements of the Water Supply Contract that bear on emergency operations and maintenance issues: One is that Chicago has been assigned responsibility for the operation and maintenance of the Lexington Pumping Station and the other is the requirement for the Commission and its customers to collectively maintain storage in the amount of two times annual average daily demand.

2.1.1 CDWM to Operate Lexington. Paragraph C(2) of the Water Supply Contract with the City of Chicago provides that Chicago is responsible for the operation and maintenance of the Lexington Pumping Station. The rationale for this requirement is that the Lexington Pumping Station is one of the largest pumping stations in the Chicago water system. If the Lexington Pumping Station were to be operated improperly, operational problems could result for the other pumping stations that are also supplied by the central tunnel system supplying the Commission.

Present operational procedures require Commission Staff to notify the operators at the Lexington Pumping Station one hour prior to requesting a change in pump operation. A one-hour advance notice is required because the Jardine Water Purification Plant has limited finished water storage capacity and, therefore, the operators at the Jardine Water Purification Plant need to increase or decrease production to maintain the correct water level in the central tunnel system.

2.1.2 Water Storage Requirement. Paragraph C(9) of the Water Supply Contract requires the Commission and its customers to collectively maintain water storage in the amount of two times their annual average daily demand. Operable shallow well capacity may be counted towards that storage requirement but only up to 10% of the storage requirement.² Table 1 shows that, in the aggregate, the Commission and its customers exceed this requirement by 51.49 million gallons.

2.2 Water Purchase and Sale Contract with Customer Utilities. The Commission entered into Water Purchase and Sale Contracts with 23 “Charter Customer” municipalities and four Water Purchase and Sale Contracts with four “Subsequent Customers” for ten separate systems. All of the contracts expire February 24, 2024, and most of the basic provisions are similar. One area where the Charter Customer Contract and the Subsequent Customer Contracts differ materially, however, is in the storage requirement.

2.2.1 Charter Customer Storage Requirement. Section 3(a) of the Charter Customer Contract does not require the Charter Customers to maintain water storage in the

² The rationale for limiting the operable well allowance to shallow wells may relate to the fact that it has been a requirement for utilities receiving an allocation for Lake Michigan water to seal their deep wells. However, the Commission worked with the Illinois Department of Natural Resources, Division of Water Resources (formerly the Illinois Department of Transportation Division of Water Resources) to allow Commission customers to maintain their deep wells as a backup, in addition to their shallow wells.

amount of two times average day unless the City of Chicago enforces the storage requirement under the Water Supply Contract against the Commission. Once Chicago enforces the storage requirement under the Water Supply Contract against the Commission, the Charter Customers are required to use their best efforts to increase their water storage capacity.

2.2.2 Subsequent Customer Storage Requirement. The Subsequent Customer Contracts have a slightly more rigid requirement. The Subsequent Customers are required to adhere to the two times average day storage requirement regardless of whether the City of Chicago enforces the terms of its contract against the Commission and without the “best efforts” escape clause contained in the Charter Customer Contract. The purpose of this more rigid storage requirement is to prevent the addition of Subsequent Customers from causing a storage deficiency that results in Chicago enforcing the water storage requirement against the Commission and the Commission, in turn, enforcing the water storage requirement against the Charter Customers.

2.3 The Waterworks System and Its Existing Redundancies. The initial Waterworks System was constructed and installed during a six-year period between 1986 and 1992. The initial Waterworks System contained certain redundancies, including redundancies in the electrical supply to the DuPage Pumping Station. After the initial construction of the Waterworks System, the Commission has continued to improve the reliability of the System by installing additional redundancies designed to ensure the Commission’s ability to supply average day demand during emergencies.

2.3.1 DuPage Pumping Station Electrical Supply. The DuPage Pumping Station obtains its electrical service from three Commonwealth Edison electric lines. Each service line is capable of providing 60% of the Commission’s electrical demand under maximum day conditions. The third line is considered a backup. Two of the three electrical service lines come from different stations: One electrical service line comes from the Glenbard substation (located by Glen Ellyn and Lombard) and the other two come from the Bellwood substation. Normal operating procedures for the DuPage Pumping Station require two electrical service lines to be in use at all times, with operating pumps distributed evenly between each service line. As recently as the summer of 2005 during the high demand usage period, the Commission was forced to operate with one line out of service for an extended period of time, jeopardizing service reliability.

2.3.2 72” Transmission Main. The initial construction of the Commission’s Waterworks System provided for a single 90” Transmission Main transporting water from the Lexington Pumping Station to the DuPage Pumping Station. The 90” Transmission Main was sized for year 2020 maximum demand. During the early years of operation, the Commission felt a level of redundancy was needed to compensate for its single pipeline between the two pumping stations. The Commission and Chicago discussed a separate connection to the Southwest Pumping Station, which obtains its treated water from Chicago’s other treatment plant, the South Treatment Plant. However, because of the size of the Commission’s demand, there was insufficient capacity available from the South Treatment Plant. It is for this reason that the plan for

a parallel 72" Transmission Main was conceived. The parallel 72" Transmission Main was sized to provide year 2020 average day flow.

2.3.3 West and Inner Belt Transmission Mains. Using the standard of supplying year 2020 average day demand during emergency conditions, the Commission constructed the West Transmission Main addition to the distribution system. The West Transmission Main Contract TW-2 was constructed between the Southwest and Northwest Transmission Mains to provide average day flow during a break in either the Northwest or Southwest Transmission Mains (the Commission's main transmission mains). Similarly, the Commission recently completed the installation of the Inner Belt Transmission Main to allow the continuous operation under average day conditions in the event of a break in either the Northwest or Southwest Transmission Main between the DuPage Pumping Station and Route 83.

2.4 Capital Improvement Plans. The Commission first began preparing Five-Year Capital Improvement Plans in 1995 for fiscal year 1996-97. These planning documents have been used by Staff to prioritize suggested improvements to the Waterworks System in five-year increments. Over the years, options for emergency operations in the event of a loss of electrical service were incorporated into the five-year plans, including backup generation. Backup generation at the DuPage Pumping Station had been suggested as a needed improvement in as early as the second five-year plan. Backup generation at the Lexington Pumping Station was not proposed until the fiscal year 2005-06 plan.

2.4.1 Future Reservoir. The first improvement project suggested to enhance emergency operations in the event of a loss of electrical service was the future reservoir project at the DuPage Pumping Station. This additional ground storage reservoir was proposed in the first Capital Improvement Plan. The benefit of additional reservoir capacity is to allow the Commission to take more water during off-peak time, thereby reducing energy costs as long as off-peak discounts are available, and to provide additional time for the Commission's customers to activate their own emergency operation procedures in the event of disruption of supply from Chicago, including disruptions due to loss of electrical service. The proposed construction of the ground storage reservoir is currently recommended to be deferred until fiscal year 2008-09 in lieu of the Staff-determined more immediate need for the construction of backup generation.

2.4.2 Backup Generation. Backup electrical generation at the DuPage Pumping Station was originally recommended in the January 9, 1997 Capital Improvement Plan for fiscal year 1998-99. The stated benefit was to provide water during periods of loss of electricity. The project was eliminated by the Board of Commissioners because the Board felt it would not be prudent to install backup generation at the DuPage Pumping Station without also constructing backup generation at the Lexington Pumping Station. At the time, the Commission was reluctant to install generators at the Lexington Pumping Station without a renewed commitment toward maintenance from Chicago. Since then, several notable events occurred (in addition to the Chicago Department of Water Management's renewed commitment toward maintenance at the Lexington Pumping Station as noted in 1.2 above), leading the Commission to reconsider its position.

2.4.2.1 September 11, 2001 Terrorist Attack. As the result of the terrorist attack of September 11, 2001, backup generation at the DuPage Pumping Station was again recommended in the January 10, 2002 Capital Improvement Plan.

2.4.2.2 Vulnerability Assessment. On June 12, 2002, again in response to the terrorist attack of September 11, 2001, President Bush signed the Bioterrorism Bill (H.R. 3448) into law creating the Public Health Security and Bioterrorism Preparedness and Response Act of 2002. Relating to drinking water security and safety, the Act mandated vulnerability assessments and emergency response plans for public water systems. As part of the Commission's Vulnerability Assessment, lack of backup power generation was identified as the greatest vulnerability facing the Commission.

2.4.2.3 August 14, 2003 Northeast Coast Blackout.³ The largest blackout in North American history occurred on August 14, 2003. As a result, many questions and concerns were raised concerning water and wastewater utility dependence on commercially supplied power as the sole source of electrical energy.⁴

³ The blackout predominantly affected Michigan, Ohio, New York, and Canada.

⁴ 2004. Emergency Power Source Planning for Water and Wastewater – American Water Works Association

3.0 Maintenance of Lexington Pumping Station. Table 2 shows the dollar amount expended by Chicago in operating and maintaining the Lexington Pumping Station in FY 2003-04 (and following) compared to the dollar amounts expended by the Commission in operating and maintaining the DuPage Pumping Station during the same periods. Even though the Chicago Department of Water Management has renewed its commitment toward maintenance at the Lexington Pumping Station, Staff would prefer that maintenance at the Lexington Pumping Station be enhanced. As a result, several different alternatives for obtaining the desired level of maintenance (and the advantages and disadvantages associated with each alternative) have been considered, including retaining ownership of the Lexington Pumping Station, contractually-required enhanced maintenance of the Lexington Pumping Station by either the Commission or Chicago, and joint maintenance of the Lexington Pumping Station.

3.1 DWC Retains Ownership of Lexington Pumping Station. The Water Supply Contract with the City of Chicago required the Commission to construct the Interconnection Facilities (12' diameter tunnel and the Lexington Pumping Station) and Chicago to reimburse the Commission for the cost of these facilities.⁵ If the Commission were to retain ownership of the Lexington Pumping Station, the property acquisition would resolve two issues that the Commission has pending with the City of Chicago: The installation of backup generators at the Lexington Pumping Station and the enhancement of maintenance at the Lexington Pumping Station.

If the Commission maintains ownership of the Lexington Pumping Station, it is not recommended that the Commission operate the Lexington Pumping Station. Unlike the Commission, the Chicago Department of Water Management employees are unionized. Most likely, there would be labor issues if Commission employees were working at the Lexington Pumping Station with Chicago's unionized employees present. The labor issue, and Chicago's concern for coordination with the Jardine Water Purification Plant, can be eliminated with operation being performed remotely from the Jardine Water Purification Plant through the SCADA system the Commission installed at the Lexington Pumping Station. Remote operation of the Lexington Pumping Station should not be problematic for Chicago as some of Chicago's other pumping stations are currently operated remotely from the Jardine Water Purification Plant.

3.1.1 Advantages of Retaining Ownership. The Commission believes a higher level of maintenance at the Lexington Pumping Station would further assure reliability of the Waterworks System. For this reason, the Commission has a greater incentive to ensure the Lexington Pumping Station is maintained at this higher level. In addition, due to the Commission's size, it can utilize a more efficient purchasing procedure to acquire supplies, materials, and services quicker. Retaining ownership of the Lexington Pumping Station would also eliminate the need to coordinate maintenance and backup generation with the Chicago Department of Water Management and would additionally offer a potential vehicle for the Commission to implement treatment options to address the C-Factor problem. Finally, Chicago would realize substantial savings if the

⁵ The Commission originally constructed the Lexington Pumping Station and the ancillary facilities at a cost of \$55,171,000. At the present time, the Commission has been reimbursed for all but \$880,000 of the cost.

operations for this facility were moved from the Lexington Pumping Station to existing personnel at the Jardine Water Purification Plant.

3.1.2 Disadvantages of Retaining Ownership. The Water Supply Contract with the City of Chicago already requires that Chicago maintain and operate the Lexington Pumping Station. For this reason, it can be questioned why the Commission should incur the expense of ownership of this facility, in addition to 100% of the cost of installing backup generation, when by contract Chicago should be maintaining the station. The Commission could, instead, negotiate for a higher level of maintenance, perhaps assuming a greater share of the costs (See 3.2 below).

3.2 DWC Maintenance of Lexington Pumping Station. At the present time, Chicago operates and maintains the Lexington Pumping Station with the Commission generally paying 50% of the operation and maintenance costs.⁶ An alternative to the current arrangement would be for the Commission to perform maintenance tasks, with Chicago reimbursing the Commission for its share of the Commission's maintenance costs.⁷ A current example of this type of arrangement can be found in Chicago Water Partners' arrangement with Chicago where Chicago Water Partners, an engineering joint venture, provides program management services. As was explained previously, the only way this arrangement would work would be if operations were performed remotely from the Jardine Water Purification Plant similar to the operation of some of the other Chicago pumping stations.

3.2.1 Advantages of DWC Maintenance. Under this alternative the Commission would not have to incur the cost of ownership of the Lexington Pumping Station yet could ensure that maintenance at the Lexington Pumping Station is enhanced. Chicago would also benefit by having one less pumping station to maintain, with Chicago staff that currently perform operations and maintenance at the Lexington Pumping Station being made available for other assignments.

3.2.2 Disadvantages of DWC Maintenance. The Commission would be maintaining facilities not owned by the Commission. This could result in Chicago disagreeing with the level of maintenance and associated costs. However, this perceived disadvantage could be eliminated by cost-control measures being incorporated into an agreement with Chicago that details the new maintenance arrangement. In addition, any perceived concern by Chicago that changing maintenance responsibilities could be viewed as a failure by the Chicago Department of Water Management could be ameliorated by additional Commission funding.

3.3 DWC/CDWM Joint Maintenance of Lexington Pumping Station. Another alternative is a more cooperative maintenance arrangement at the Lexington Pumping

⁶ Pursuant to the Water Supply Contract with the City of Chicago, the Commission and Chicago share equally in the cost of operating and maintaining the Lexington Pumping Station except that the Commission pays approximately 80% of the electrical costs (depending upon water levels in the tunnel).

⁷ Chicago's share of the Lexington Pumping Station maintenance costs could be structured to remain at 50% or, if Chicago refuses to share equally in the cost of the Commission's desired level of enhanced maintenance, Chicago's share could be fixed at some annually-determined amount or at a less than equal share.

Station. The more cooperative maintenance arrangement would involve monthly inspections of the Lexington Pumping Station by the Commission and a Chicago Department of Water Management representative, with the Commission financing unbudgeted or high cost items for the Lexington Pumping Station.

3.3.1 Advantages of DWC/CDWM Joint Maintenance. Under this alternative, the Commission would not have to incur the cost of ownership of the Lexington Pumping Station. The Commission would also increase the likelihood that the Commission's desired level of maintenance will be performed. In addition, the jointly-prepared, monthly inspection reports could give the Chicago Department of Water Management staff additional support with the Chicago Budget Department for increased funding for maintenance.

3.3.2 Disadvantages of DWC/CDWM Joint Maintenance. The size of the Chicago Department of Water Management could delay maintenance activities and increase the cost of maintenance. In addition, the Commission would not have control over the maintenance of the Lexington Pumping Station and would have to advocate changes to maintenance practices that may or may not be implemented even if the Commission were to pay the added costs.

3.4 Performance-Based CDWM Contractual Maintenance. Another alternative expands upon the cooperative arrangement discussed above. Under this scenario, the Commission and Chicago would enter into a contractual arrangement whereby specific maintenance tasks and frequency of performance would be detailed, and the Commission would cover any increased cost.

3.4.1 Advantages of Performance-Based CDWM Contractual Maintenance. Under this alternative, the Commission would not have to incur the cost of ownership. The Commission would also have an easily enforceable right to ensure that the Commission's desired level of maintenance is performed. This alternative would also be revenue neutral for Chicago as the Commission would be paying an increased share of the cost of maintenance.

3.4.2 Disadvantages of Performance-Based CDWM Contractual Maintenance. The size of the Chicago Department of Water Management could delay maintenance activities and increase the cost of maintenance.

4.0 Fully Centralized Backup Generation Option. One option being considered for emergency operations in the event of a loss of electrical service is the installation of backup generation at both the DuPage and Lexington Pumping Stations. This option has become known as the fully centralized backup generation option.

4.1 Backup Generation at the DuPage Pumping Station. An electrical generation study was performed by Camp Dresser & McKee in 2003 and 2004 using a baseline power generation capability of pumping year 2020 average day flow (108 MGD) during loss of utility power. To provide sufficient power to pump year 2020 average day flow, the study recommended the installation of four 2-MW diesel generators. The backup generation facility would be located in the eastern end of the maintenance yard. Because of the limited space at the DuPage Pumping Station, it would also be necessary to demolish and rebuild the service building further north from its current location. The estimated cost for the backup generation facility and the rebuilding of the service building is \$14.7 million.

4.2 Backup Generation at the Lexington Pumping Station. An electrical generation study has not yet been performed for the Lexington Pumping Station. For purposes of this discussion, the estimated cost for the DuPage Pumping Station can be used for estimating the cost at the Lexington Pumping Station. Diagram 1 shows the locations presently being considered for the Lexington Pumping Station generation facility:

- I. An area between the CTA tracks and the Eisenhower Expressway
- II. An area south of the Secretary of State facility on property owned by the Commission for the Interconnection Facilities
- III. Inside the Lexington Pumping Station, on the ground floor directly over Pumps 5 through 10
- IV. An area above the existing electrical room of the Lexington Pumping Station
- V. The northwest portion of the northern 15 million gallon reservoir

4.3 Advantages of Fully Centralized Option. The main advantage of the fully centralized backup generation option is seamless operation under emergency conditions. The customer utilities would not be required to activate their wells or backup generation for their water systems. In addition, all customer utilities should be able to operate from the Commission's pressure at average day demand. Further, the water quality during an emergency would remain the same, with a continuous supply of Lake Michigan water during any type of emergency. Finally, the problem of certain customers having insufficient or no well capacity becomes moot, and all of the Commission's funds would be available to finance the fully centralized backup generation option.⁸

4.4 Disadvantages of Fully Centralized Option. One disadvantage of the fully centralized option is that it relies upon a single source of water, that being the Jardine Water Purification Plant. However, the Jardine Water Purification Plant was designed to operate as if it were two separate plants such that if one side of the plant is rendered

⁸ Under the Charter Customer Contract, the Commission cannot use revenues generated from Charter Customer payments of Operations and Maintenance Costs or Fixed Costs on projects unrelated to the provision or transmission of Lake Michigan water.

inoperable, the other side would still function. In addition, in the unlikely event of a total failure of the Jardine Water Purification Plant, Chicago's central tunnel system, which supplies the Commission, is designed to be able to bypass the Jardine Water Purification Plant during an emergency and draw water directly from Lake Michigan. Moreover, to facilitate this type of operation, the Commission's chlorination system has been sized to disinfect raw Lake Michigan water. One other disadvantage of the fully centralized backup generation option is that if the adequacy of maintenance at the Lexington Pumping Station is questionable, then the reliability of the backup generation could also be questioned.

4.5 CDWM Participation in the Cost of Backup Generation at the Lexington Pumping Station. Senior management at the Chicago Department of Water Management are currently considering proposing that Chicago fund half of the cost of generators at the Lexington Pumping Station up to a maximum of \$8.5 million. Under this proposal, the Commission would fund the design and construction of the generation facilities at the Lexington Pumping Station and Chicago would reimburse half of the costs up to the cap through a 10% credit against Commission water purchases. The \$8.5 million cap being considered by senior management is based upon the average generation cost per average daily pumping capacity at the pumping stations where Chicago has already constructed backup generation.

5.0 Fully Decentralized Backup Generation Option. Another option being considered for emergency operations in the event of a loss of electrical service is the installation of backup generation at emergency wells currently maintained by Commission customers. This option has become known as the fully decentralized backup generation option. Under this option, the Commission would not construct backup generators at either the DuPage or Lexington Pumping Stations. Whether the Commission would fund the cost of installing backup generation at the emergency wells is an open question, requiring resolution of complex legal questions. As such, the advantages and disadvantages of the fully decentralized backup generation option are separate and distinct from the advantages and disadvantages of the Commission financing this option.

5.1 Advantages of Fully Decentralized Option. The advantage of the fully decentralized option is that the emergency wells would provide an alternate source of water. This alternate source could be dispersed throughout the County, assuming sufficient quantity and size of emergency interconnections among customer utilities.⁹

5.2 Disadvantages of Fully Decentralized Option. Some customers have no wells and would be at a distinct disadvantage if backup wells were not developed by or for them. Also, the level of maintenance of the wells and generators could vary from customer to customer. In addition, well water is generally of low quality, with its increased hardness and, in some cases, high iron and radium levels—though it could be argued that a lower quality of water is an acceptable risk during an emergency.

5.3 DWC Funds/Reimburses the Installation of Generators at Emergency Wells. One extension of the fully decentralized option would be for the Commission to fund the installation of backup generation at the emergency wells. If the Commission were to fund future construction of generators at the emergency wells, then it would also be equitable for the Commission to reimburse customer utilities that have already installed generators at their wells. Table 3 shows the estimated cost for the installation of generators at customer wells and for reimbursing customers with existing generators. Though no cost estimates have been prepared, the cost of developing back-up wells for some customers would also need to be considered.

5.3.1 Advantages of DWC Funding/Reimbursement. The Commission may be in a financial position to fund the installation of generators at customer wells. The funding of the generators at the customer emergency wells could be administered similar to the funding of the Charter Customer pressure adjusting stations. This would allow the customer utilities to immediately undertake this work rather than building reserves or borrowing funds for the project. As noted in footnote 8 above, however, the source of Commission funds that can be used for this purpose is limited. In addition, other legal restrictions may come into play if the Commission did not own these facilities.

5.3.2 Disadvantages of DWC Funding/Reimbursement. The Commission's charter is to provide treated Lake Michigan water to its customers within DuPage County. By subsidizing the installation of backup generation at the wells, the Commission is deviating from the purpose for which it was created. Aside from the legal issues associated with the funding of facilities for the operation of wells, such funding ordinarily

⁹ See 7.2 for a description of existing customer interconnections.

should be the responsibility of the customer utilities. Moreover, the Commission would most likely find itself paying for additional wells for utilities with insufficient or no well capacity, introducing another question of equity.

5.4 DWC Takes Over Ownership of Emergency Wells. Another extension to the fully decentralized option would be for the Commission to acquire the customer wells. This would go a long way toward resolving potential legal issues associated with Commission financing of the fully decentralized backup generation option, but the Commission would then be responsible for maintaining the emergency wells, either directly or with contract forces.

5.4.1 Advantages for DWC Ownership of Emergency Wells. Aside from minimizing the legal issues associated with the Commission funding the installation of generators at customer wells, there would also be cost savings associated with an economy of scale by the Commission installing the generators and then maintaining the wells and generators. Further, the Commission's customers would not have to take on the burden of maintaining new wells or generators.

5.4.2 Disadvantages of DWC Ownership of Emergency Wells. The wells have historically been owned and operated by the customer utilities. The Commission would be taking over facilities that would be in various states of maintenance. It could also be viewed as the Commission overstepping its area of responsibility. In addition, the Commission would have to hire additional staff to perform and/or supervise well and backup generator maintenance activities.

6.0 Limited Centralized Backup Generation Option—Generation at DuPage Pumping Station (With or Without Additional Reservoir and/or Generation at Emergency Wells). Another option the Commission could consider for emergency operations in the event of a loss of electrical service is the installation of backup generation only at the DuPage Pumping Station, with or without the installation of an additional 30 million gallons of water storage. This option could also be coupled with the decentralized option of installing generators at customer well sites (in full or in part).

6.1 Backup Generation at DuPage Pumping Station Only. With the present 30 million gallons of ground storage presently on site at the DuPage Pumping Station, backup generation would provide approximately eight hours of operation.¹⁰

6.1.1 Advantages of Generation at DuPage Pumping Station Only. The installation of backup generation at DuPage Pumping Station only, with or without the construction of additional reservoir capacity, would provide some time for the customer utilities to activate their own emergency procedures. If the power outage were less than eight hours—16 if an additional 30 million gallons of storage is constructed, Commission customers would experience no interruption in service.

6.1.2 Disadvantages of Generation at DuPage Pumping Station Only. The disadvantage of installing generators only at the DuPage Pumping Station would be the inability of the Commission to provide water service beyond eight or 16 hours (depending upon whether an additional 30 million gallons of storage is constructed) if the interruption were longer than eight or 16 hours (as the case may be). This disadvantage could be somewhat ameliorated if the installation of generators at the DuPage Pumping Station were coupled with the decentralized option of installing generators at customer well sites (in full or in part).

6.2 Additional Reservoir. The construction of 30 million gallons of additional ground storage at the DuPage Pumping Station would provide an additional eight hours of water if the supply from the Lexington Pumping Station were interrupted. The additional 30 million gallons of storage would also allow the Commission to take more water from the Lexington Pumping Station during low electrical demand periods when electricity costs are lower. It is the Commission's operational practice to take as much water as possible during such low-cost electrical demand times.¹¹ It is important to note, however, that Commonwealth Edison is planning to eliminate discounted off-peak rates under its proposed new rate structure.

¹⁰ This assumes the two 15 million gallon reservoirs are full and the pumping rate is average day.

¹¹ Low energy demand period is between 6:00 PM to 9:00 AM Monday through Friday and on weekends and holidays.

7.0 Status Quo Option. Another option that could be considered for emergency operations in the event of a loss of electrical service is maintaining the status quo: The customer utilities remaining solely responsible for their own emergency operation procedures. Section 2(b) of the Charter Customer Contract provides that "The Commission shall use its best efforts to furnish Lake Water ... as hereinabove provided, but its obligation hereunder shall be limited by (i) the amount of Lake Water from time to time available to the Commission; ... (iii) the capacity of the Waterworks System...." The Charter Customer Contract further provides, in Section 2(d), that "Nothing in this Contract shall be construed to prohibit each Charter Customer from serving its customers in cases of emergency, or when the Commission for whatever reason is unable to meet such Charter Customer's Full Water Requirements, from any source including wells owned by such Charter Customers and maintained for emergency use." Similar provisions are contained in the Subsequent Customer Contracts.

7.1 Customer Utilities are Responsible if DWC is Unable to Operate. Most of the customer utilities have retained their wells for emergency purposes. It could be considered prudent management of the customer water systems that the customer utilities take the necessary steps to provide their customers with water in the event the Commission cannot.

7.1.1 Advantages of Customer Utilities being Responsible if DWC is Unable to Operate. There is no contractual requirement for the Commission to provide water during times of interruption of the electrical supply. It can be implied by the above-quoted contractual language that the customer utilities were intended and expected to maintain their wells for emergency purposes.

7.1.2 Disadvantages of Customer Utilities being Responsible if DWC is Unable to Operate. Most customer utilities have changed their water department operations from one of supply, treatment, and distribution to one of straight distribution. The customer utilities have become comfortable with the Commission providing a reliable source of water to them. As a result, the customers may feel that the Commission should take the necessary safeguards to provide a reliable source of treated water.

7.2 Interconnections. Some of the customer utilities have emergency interconnections. Some of these interconnections are between Commission customer utilities and some are between Commission customer utilities and others not provided with water from the Commission. Some of the customer utilities have no emergency interconnections. Table 4 lists the existing interconnections for each customer utility. During a loss of water supply from the Commission, it would seem highly unlikely that a customer utility would open an emergency interconnection and allow its limited water supply to be used by anyone outside its water system.

Table 1

<u>CUSTOMER WATER STORAGE</u>							
CUSTOMER	EXISTING STORAGE (MG)	2005 ALLOCATION (IN MGD)	% OF SYSTEM	REQUIRED STORAGE (MG)	SHALLOW WELL ALLOWANCE (MG)	% OF DWC STORAGE (MG)	STORAGE ABOVE OR (BELOW) REQ (MG)
ADDISON	6.75	4.561	4.74%	9.12	0.91	2.96	1.50
ARGONNE NAT'L LAB	1.02	0.758	0.79%	1.52	0.15	0.49	0.14
BENSENVILLE	3.55	2.704	2.81%	5.41	0.00	1.75	(0.10)
BLOOMINGDALE	4.80	2.803	2.91%	5.61	0.56	1.82	1.57
CAROL STREAM	6.50	4.531	4.70%	9.06	0.91	2.94	1.28
CLARENDON HILLS	1.25	0.716	0.74%	1.43	0.14	0.46	0.43
DARIEN	2.75	2.781	2.89%	5.56	0.56	1.80	(0.45)
DOWNERS GROVE	8.00	6.823	7.08%	13.65	1.36	4.43	0.15
ELMHURST	15.00	4.683	4.86%	9.37	0.94	3.04	9.61
GLEN ELLYN (2)	3.17	2.950	3.06%	5.90	0.59	1.91	(0.23)
GLENDALE HEIGHTS	4.20	3.049	3.17%	6.10	0.61	1.98	0.69
HINSDALE	4.50	2.655	2.76%	5.31	0.53	1.72	1.44
IAWC-ARROWHEAD	0.40	0.196	0.20%	0.39	0.04	0.13	0.17
IAWC-COUNTRY CLUB	0.20	0.117	0.12%	0.23	0.02	0.08	0.07
IAWC-DUPAGE/LISLE (1)	0.91	0.598	0.62%	1.20	0.12	0.39	0.22
IAWC-LIBERTY RIDGE EAST (2)	0.07	0.051	0.05%	0.10	0.01	0.03	0.01
IAWC-LIBERTY RIDGE WEST (3)	0.40	0.349	0.36%	0.70	0.07	0.23	(0.00)
IAWC-LOMBARD HEIGHTS (4)	0.08	0.072	0.07%	0.14	0.01	0.05	0.00
IAWC-VALLEY VIEW	0.88	0.700	0.73%	1.40	0.14	0.45	0.07
ITASCA	3.50	1.764	1.83%	3.53	0.35	1.14	1.47
LISLE (1)	4.79	3.225	3.35%	6.45	0.65	2.09	1.08
LOMBARD (4)	6.14	4.909	5.10%	9.82	0.98	3.19	0.49
NAPERVILLE	43.90	20.534	21.32%	41.07	4.11	13.32	20.26
OAK BROOK	8.00	4.133	4.29%	8.27	0.83	2.68	3.24
OAKBROOK TERRACE	0.50	0.221	0.23%	0.44	0.00	0.14	0.20
ROSELLE	1.75	2.237	2.32%	4.47	0.00	1.45	(1.27)
VILLA PARK	3.80	2.115	2.20%	4.23	0.42	1.37	1.37
WESTMONT	4.50	2.884	2.99%	5.77	0.58	1.87	1.18
WHEATON	7.26	5.873	6.10%	11.75	1.17	3.81	0.50
WILLOWBROOK	4.00	1.342	1.39%	2.68	0.00	0.87	2.19
WINFIELD (3)	1.60	1.127	1.17%	2.25	0.23	0.73	0.30
WOOD DALE	3.35	1.654	1.72%	3.31	0.33	1.07	1.45
WOODRIDGE	6.15	3.208	3.33%	6.42	0.64	2.08	2.46
CUSTOMER TOTAL	163.67	96.323	100.00%	192.65	17.96	62.50	51.49
COMMISSION TOTAL	62.50						
TOTAL	226.17						

(1) LISLE CONTRACTED STORAGE TO IAWC DUPAGE/LISLE
(2) GLEN ELLYN CONTRACTED STORAGE TO IAWC LIBERTY RIDGE EAST
(3) WINFIELD CONTRACTED STORAGE TO IAWC LIBERTY RIDGE WEST
(4) LOMBARD CONTRACTED STORAGE TO IAWC LOMBARD

Table 2

Lexington Pump Station Operation & Maintenance Costs

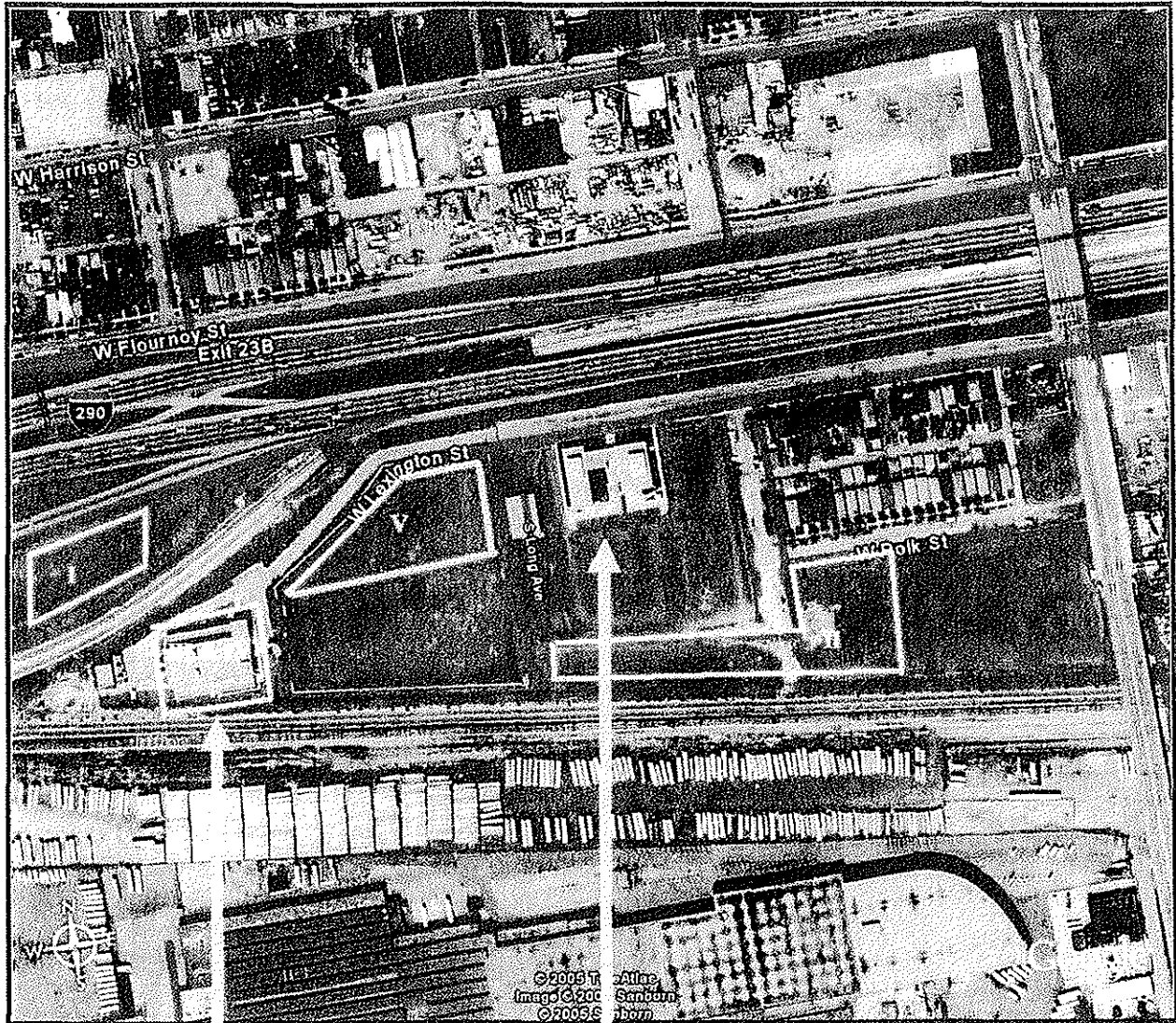
Date	Oper. Labor Costs	Maint. Labor Costs	Maint. Repair Costs	Total Maint. Costs	Total O&M	DWC Share
FY 2003-2004	\$857,652.91	\$37,148.81	\$244,877.34	\$282,026.15	\$1,139,679.06	\$569,839.53
FY 2004-2005	\$709,178.21	\$31,021.67	\$124,281.36	\$155,303.03	\$864,481.24	\$432,240.62
FY 2005-2006	\$235,230.72	\$12,787.43		\$12,787.43	\$248,018.15	\$124,009.08
		\$80,957.91	\$369,158.70	\$450,116.61		
Totals	\$1,802,061.84 80.01%		\$450,116.61 19.99%		\$2,252,178.45	\$1,126,089.23

DuPage Pump Station Operation & Maintenance Costs

Date	Oper Labor Costs	Maint Labor Costs	Maint Repair Costs	Total Maint. Costs	Total O&M
FY 2003-2004	\$38,571.09	\$732,850.67	\$313,342.31	\$1,046,192.98	\$1,084,764.07
FY 2004-2005	\$33,905.65	\$644,207.26	\$612,167.35	\$1,256,374.61	\$1,290,280.26
FY 2005-2006	\$15,644.04	\$297,236.76	\$199,440.00	\$496,676.76	\$512,320.80
		\$1,674,294.69	\$1,124,949.66	\$2,799,244.35	
Totals	\$88,120.78 3.05%		\$2,799,244.35 96.95%		\$2,887,365.13

Diagram 1

Lexington Pump Station site plan and potential generator locations



Lexington Pump Station

Illinois Secretary of State

Table 3

Community	Active Well Capacity (mgd)	2020 Average Day (mgd)	Well Deficit (mgd)	Backed Up Well Capacity (mgd)	Back Up Deficit (mgd)	No. of Wells	Cost to Provide Generation	Cost to Reimburse for Installed Generation	
Addison	7.120	5.009		6.040	-1.031	5		\$1,202,160	
Argonne	2.016	0.758		1.440	-0.682	2		\$181,920	
Bensenville	0.000	2.858		0.000	2.858	3	\$476,333		
Bloomington	3.456	3.488	0.032	0.000	3.488	3	\$581,333		
Carol Stream	3.492	5.565	2.073	3.492	2.073	3	\$345,500		
Clarendon Hills	2.304	0.792		0.350	0.442	2	\$73,667		
Darien	2.448	3.254	0.806	0.648	2.606	5	\$434,333		
Downers Grove	4.000	7.751	3.751	0.000	7.751	6	\$1,291,833		
Elmhurst	4.680	4.906	0.226	0.000	4.906	3	\$817,667		
Glendale Heights	2.300	3.540	1.24	1.440	2.100	4	\$350,000		
Glen Ellyn	3.665	3.164		3.665	-0.501	3		\$759,360	
Hinsdale	6.000	2.739		1.692	1.047	2	\$174,500		
IAWC-Valley View	0.700	0.700		0.700	0.000	1		\$168,000	
Itasca	1.728	1.907	0.179	1.728	0.179	2	\$29,833		
Lisle	5.700	3.841		3.200	0.641	4	\$106,833		
Lombard	5.580	5.430		1.040	4.390	4	\$731,667		
Naperville	14.250	22.432	8.182	0.000	22.432	10	\$3,738,667		
Oak Brook	6.480	4.585		0.000	4.585	3	\$764,167		
Oakbrook Terrace	0.000	0.293	Note 1	0.000	0.000	0	\$0		
Roselle	0.000	2.739	Note 1	0.000	0.000	0	\$0		
Villa Park	2.386	2.206		0.000	2.206	2	\$367,667		
Westmont	6.912	3.069		2.160	0.909	5	\$151,500		
Wheaton	12.528	6.530		3.744	2.786	6	\$464,333		
Willowbrook	0.000	1.508	Note 1	0.000	0.000	0	\$0		
Winfield	3.398	1.341		0.000		2		\$321,840	
Wood Dale	3.672	1.894		0.000		2		\$454,560	
Woodridge	5.760	4.331		0.000	4.331	4	\$721,833		
	110.575	106.630	16.489	31.339	67.516	86	\$11,621,667	\$3,087,840	Total Cost to Provide Generation
									\$14,709,507

Notes:

- These Customers do not have active wells and therefore the inability to assess costs to provide generators. Wells would need to be developed in order to ascertain generation requirement to provide 2020 Average Day.

Table 4
INTERCONNECTED SYSTEMS DIRECTORY
 Last Update: November 3, 2005

CUSTOMER EMERGENCY INTERCONNECTIONS LIST				
MUNICIPALITY	WITH	DIRECTION (ONE/TWO WAY)	LOCATION	SIZE
Addison	NO EMERGENCY INTERCONNECTIONS			
Bensenville	ELK GROVE	TWO WAY	MARK ST WEST OF RT 83	12"
	ELK GROVE	TWO WAY	EASTERN SOUTH OF DEVON	12"
	ELMHURST	TWO WAY	GRAND AVE 1 BLK WEST OF YORK	12"
	WOOD DALE	TWO WAY	IRVING PARK AND PINE	12"
Bloomington	NO EMERGENCY INTERCONNECTIONS			
Carol Stream	GLENDALE HEIGHTS	TWO WAY	SCHMALE RD AND KEHOE BLVD	8"
	HANOVER PARK	TWO WAY	ARMY TRAIL AND MERIMAC	8"
	IAWC LIBERTY RIDGE E			
Clarendon Hills	UTILITIES INCORP	TO UTIL. INC.	HOMES AND 56TH STREET	6"
	WESTMONT	TWO WAY	RICHMOND AVE AND CHICAGO AVE	10"
	WILLOBROOK	TWO WAY	58TH AND HOLMES	8"
Darien	DOWNERS GROVE	TWO WAY	FAIRVIEW SOUTH OF 75TH ST	12"
	DOWNERS GROVE	TWO WAY	75TH ST WEST OF FAIRVIEW (FLORENCE)	12"
	DU PAGE CTY-Hinswood	TWO WAY	CASS AND FRONTAGE	8"
	DU PAGE CTY-Hinswood	TWO WAY	BAILEY NORTH OF FRONTAGE	12"
	WILLOWBROOK	TWO WAY	67TH AND HIGH ROAD	8"
	WOODRIDGE	TWO WAY	LEMONT AND 75TH ST	14"
	WOODRIDGE	TWO WAY	ALDEN AND BREWER	8"
	WOODRIDGE	TWO WAY	BELLER AND 83RD	12"
	WOODRIDGE	TWO WAY	GRAND VIEW AND 83RD	12"
	WOODRIDGE	TWO WAY	PARKVIEW AND 83RD	12"
	WOODRIDGE	TWO WAY	BELLER AND LEMONT	12"
	WOODRIDGE	TWO WAY	LEMONT NORTH OF 87TH	12"
	WOODRIDGE	TWO WAY	LEMONT AND OLD FIELD RD	16"
	WOODRIDGE	TWO WAY	87TH NORTH OF COVENTRY	6"
	WOODRIDGE	TWO WAY	87TH AND HAVENS	6"
	WOODRIDGE	TWO WAY	WEST OF CARLYN ON FRONTAGE	12"

Table 4

INTERCONNECTED SYSTEMS DIRECTORY (continued)

CUSTOMER EMERGENCY INTERCONNECTIONS LIST				
MUNICIPALITY	WITH	DIRECTION (ONE/TWO WAY)	LOCATION	SIZE
Downers Grove	DARIEN	TWO WAY	FAIRVIEW SOUTH OF 75TH ST	12"
	DARIEN	TWO WAY	75TH ST WEST OF FAIRVIEW (FLORENCE)	12"
	LIBERTY PARK H.A.	TWO WAY	WILLIAMS AND 41ST ST	6"
	OAK BROOK	TWO WAY	31ST AND FAIRFIELD	12"
	WESTMONT	TWO WAY	525 CUMNOR/CUMNOR-SOUTH OF OGDEN	12"
	WESTMONT	TWO WAY	CUMNOR AND NAPERVILLE (MAPLE)	6"
	WESTMONT	TWO WAY	5724 BUCK CT (DEERPATH-S. WHITEFAWN)	6"
	WESTMONT	TWO WAY	ROSLYN AVE & CHICAGO AVE (120 TRAUBE)	6"
	WOODRIDGE	TWO WAY	75th WEST OF BORMAN	12"
	WOODRIDGE	TWO WAY	7036 CAMBRIDGE	12"
	WOODRIDGE	TWO WAY	71ST ST WEST OF DEVEREUX	12"
	WOODRIDGE	TWO WAY	MIDHURST NORTH OF WESTFIELD	12"
Elmhurst	BENSENVILLE	TWO WAY	GRAND AVE 1 BLK WEST OF YORK	12"
	BERKELEY	TO BERKELEY	BUTTERFIELD AND HIGH STREET	6"
	IAWC COUNTRY CLUB	TO IAWC	DIVERSEY AND YORK	4"
	OAK BROOK	TWO WAY	16TH STREET AND SPRING ROAD	12"
	VILLA PARK	TWO WAY	ST. CHARLES AND VILLA AVE	12"
Glendale Heights	CAROL STREAM	TWO WAY	SCHMALE RD AND KEHOE BLVD	
Glen Ellyn	LOMBARD	TWO WAY	FINLEY RD AND ANN ST	8"
	WHEATON	TWO WAY	OTT AND EVERGREEN	6"
	WHEATON	TWO WAY	LORRAINE AND HARWARDEN	8"
Hinsdale	BURR RIDGE	FUTURE	63RD AND MADISON	12"
	OAK BROOK	TWO WAY	MADISON AND GLENDALE	6"
	OAK BROOK	TWO WAY	YORK AND SPRING	6"
	WESTERN SPRINGS	TWO WAY	BITTERSWEET AND TOLLWAY	6"
IAWC Arrowhead	NO EMERGENCY INTERCONNECTIONS			

Table 4

INTERCONNECTED SYSTEMS DIRECTORY (continued)

CUSTOMER EMERGENCY INTERCONNECTIONS LIST				
MUNICIPALITY	WITH	DIRECTION (ONE/TWO WAY)	LOCATION	SIZE
IAWC Country Club	ELMHURST	TO CITIZENS	DIVERSEY AND YORK	4"
IAWC DuPage/Lisle	LISLE	TWO WAY	KINGSTON AND GAMBLE	8"
	LISLE	TWO WAY	MAIN AND JONQUIL	6"
IAWC Lombard	NO EMERGENCY INTERCONNECTIONS			
IAWC Valley View	NO EMERGENCY INTERCONNECTIONS			
IAWC Liberty Ridge W	NO EMERGENCY INTERCONNECTIONS			
IAWC Liberty Ridge E	NO EMERGENCY INTERCONNECTIONS			
Itasca	WOOD DALE	TWO WAY	GEORGE AND PROSPECT	8"
Lisle	IAWC DUPAGE/LISLE	TWO WAY	KINGSTON AND GAMBLE	8"
	IAWC DUPAGE/LISLE	TWO WAY	MAIN AND JONQUIL	6"
Lombard	GLEN ELLYN	TWO WAY	FINLEY RD AND ANN ST	6"
	OAK BROOK	TO OAK BROOK	1500' W OF MEYERS ON BUTTERFIELD	8"
Naperville	VILLA PARK	TWO WAY	ADDISON AND W. PARK BLVD.	6"
Oak Brook	BOLINGBROOK	TO BOLINGBRK	WEHRLI RD AND RYCE RD	8"
	PLAINFIELD	TO PLAINFIELD	IL 59 AND MARATHON LANE	8"
Oak Brook	DOWNERS GROVE	TWO WAY	31ST AND FAIRFIELD	10"
	ELMHURST	TWO WAY	16TH STREET AND SPRING ROAD	12"
	ELMHURST	TWO WAY	S. BUTTERFIELD, W. OF KIRK AVE.	6"
	HINSDALE	TWO WAY	YORK AND GLENDALE	6"
	HINSDALE	TWO WAY	GLENDALE RD. AND MADISON ST.	8"
	LOMBARD	TO OAK BROOK	1500' W OF MEYERS ON BUTTERFIELD	12"
	WESTMONT	TWO WAY	35TH AND ST. STEPHENS GREEN	12"
	OAKBROOK TERRACE	TWO WAY	TRANS AM PLAZA NORTH OF 22ND STREET	10"
	OAKBROOK TERRACE	TWO WAY	SOUTHLANE DR. EAST OF SUMMIT AVE.	8"
	HILLSDALE	TWO WAY	ROOSEVELT AND HAMILTON	6"

Table 4

INTERCONNECTED SYSTEMS DIRECTORY (continued)

CUSTOMER EMERGENCY INTERCONNECTIONS LIST				
MUNICIPALITY	WITH	DIRECTION (ONE/TWO WAY)	LOCATION	SIZE
Oakbrook Terrace	OAK BROOK	TWO WAY	TRANS AM PLAZA NORTH OF 22ND STREET	10"
	OAK BROOK	TWO WAY	SOUTHLANE DR. EAST OF SUMMIT AVE.	8"
Roselle	ELK GROVE	FUTURE		8"
	HANOVER PARK	TWO WAY	1800 W CENTRAL @ RR	12"
	SCHAUMBURG	TWO WAY	NORTH GARDEN AVE. @ RR	8"
	SCHAUMBURG	TWO WAY	NORTH CHANCELLOR AVE. @ RR	12"
Villa Park	LOMBARD	TWO WAY	ADDISON AND W. PARK BLVD.	6"
	ELMHURST	TWO WAY	ST. CHARLES AND VILLA AVE	6"
Westmont	CLARENDON HILLS	TWO WAY	5 SOUTH ELM STREET	6"
	CLARENDON HILLS	TWO WAY	RICHMOND AND CHICAGO AVE	10"
	DOWNERS GROVE	TWO WAY	525 CUMNOR/CUMNOR-SOUTH OF OGDEN	12"
	DOWNERS GROVE	TWO WAY	CUMNOR AND NAPERVILLE (MAPLE)	6"
	DOWNERS GROVE	TWO WAY	5724 BUCK CT (DEERPATH-S. WHITEFAWN)	6"
	DOWNERS GROVE	TWO WAY	ROSLYN AVE & CHICAGO AVE (120 TRAUBE)	6"
	OAK BROOK	TWO WAY	35TH AND ST. STEPHENS GREEN	8"
	WILLOWBROOK	TWO WAY	61ST AND BENTLEY	8"
Wheaton	GLEN ELLYN	TWO WAY	OTT AND EVERGREEN	4"
	GLEN ELLYN	TWO WAY	LORRAINE AND HARWARDEN	4"
	WINFIELD	TWO WAY	MANCHESTER AND ETHEL	8"
Willowbrook	BURR RIDGE	TWO WAY	MADISON AND JOLIET RD	12"
	DARIEN	TWO WAY	67TH AND HIGH ROAD	8"
	DUPAGE CTY-Farmingdale	TWO WAY	79TH AND FARMINGDALE	8"
	DUPAGE CTY-Farmingdale	TWO WAY	LOCUST AND SAWYER	6"
	WESTMONT	TWO WAY	61ST AND BENTLEY	10"
Winfield	NO EMERGENCY			
	INTERCONNECTIONS			
Wood Dale	BENSENVILLE	TWO WAY	IRVING PARK AND PINE	6"
	ELK GROVE VILLAGE	TWO WAY	MARK ST AND CARL BLVD	12"
	ITASCA	TWO WAY	GEORGE AND PROSPECT	8"

Table 4

INTERCONNECTED SYSTEMS DIRECTORY (completed)

CUSTOMER EMERGENCY INTERCONNECTIONS LIST				
MUNICIPALITY	WITH	DIRECTION (ONE/TWO WAY)	LOCATION	SIZE
Woodridge	BOLINGBROOK	TWO WAY	83RD AND LEEWOOD	12"
	BOLINGBROOK	TWO WAY	MENDING WALL DRIVE AND	6"
	DARIEN	TWO WAY	LEMONT AND 75TH ST	14"
	DARIEN	TWO WAY	ALDEN AND BREWER	8"
	DARIEN	TWO WAY	BELLER AND 83RD	12"
	DARIEN	TWO WAY	GRAND VIEW AND 83RD	12"
	DARIEN	TWO WAY	PARKVIEW AND 83RD	12"
	DARIEN	TWO WAY	BELLER AND LEMONT	12"
	DARIEN	TWO WAY	LEMONT NORTH OF 87TH	12"
	DARIEN	TWO WAY	LEMONT AND OLD FIELD RD	16"
	DARIEN	TWO WAY	87TH NORTH OF COVENTRY	6"
	DARIEN	TWO WAY	87TH AND HAVENS	6"
	DARIEN	TWO WAY	WEST OF CARLYN ON FRONTAGE	12"
	DOWNERS GROVE	TWO WAY	75th WEST OF BORMAN	12"
	DOWNERS GROVE	TWO WAY	7036 CAMBRIDGE	12"
	DOWNERS GROVE	TWO WAY	71ST ST WEST OF DEVEREUX	12"
	DOWNERS GROVE	TWO WAY	MIDHURST NORTH OF WESTFIELD	12"
	DUPAGE CTY. - Greene Rd.	TWO WAY	GREENE RD NORTH 75TH ST	10"

DRAFT MEMO

TO: BOB MARTIN, ALLAN POOLE, GREG WILCOX, LARRY HARTWIG
FROM: MIKE VONDRA
SUBJECT: BACK-UP GENERATION
DATE: 12/7/05

The purpose of this memo is to outline some information that I received regarding backup generation; I would like to receive your comments on this information in order to prepare a briefing for the January Commission Meeting.

Bob Martin and I had a conversation today regarding his upcoming meetings with Deputy Commissioner Spatz and Commissioner Murphy. On the basis of trying to research what the City has spent on their backup generation, as well as to better understand comments which I received from both Allan and Greg, I had the opportunity to talk to Former Commissioner Rice about what the City had committed to in the past.

Former Commissioner Rice informed me that while the loss of Commonwealth Edison's service to their stations was definitely a component in motivating them to provide backup generation, another factor that they considered important in their "tabletop exercises" was the lack of fire protection if per chance one of the stations went down. Bob and I discussed this and without putting words in his mouth, he explained to me that fire protection isn't as motivating an issue for us because of the reservoir capacity that we have versus what the City has. I would like to hear Allan and Greg's review of this situation from an engineering perspective.

In regard to City budgeting, I was able to find out that the city had spent approximately \$13 million to provide backup generation at four of their plants: Jardine, South Plant, Southwest Pumping Station and the Cermak Station. It is my understanding that the process started four to five years ago and subsequent to the original budgeting and expenditure, they added backup generation at Thomas Jefferson and Lakeview plants. He explained that expenditures at the plants varied, but that 13 million was the total amount expended until they got to the 68th Street plant, which they determined to do exclusively with trailers and were able to accomplish for \$500,000.00. I have no idea of the size of these individual stations versus our requirements, but these are the dollars that the City expended as it was explained to me.

It was also explained that the City had bought multiple dedicated lines from Commonwealth Edison; I believe we have already purchased such dedicated lines. In addition, the City also paid for some automated switching; since Commonwealth Edison has a tendency and a problem to cut down the service to an area, by having automated switching, the City is able to move over to the backup generation to relieve part of ComEd's load; it is my understanding that the City received consideration from ComEd for doing this.

In addition to looking into this information, Bob is going to try to determine what, if any, component the City has included in this year's water budgeting for backup generation or any amount to be spent in this area. If these are components of the rate that is charged in the City, it is my understanding that that is also the rate that is charged to us so we should definitely inform the City that we would appreciate consideration of receiving our share of this allowance.

Robert Martin

From: Mike Vondra [MikeVondra@abbottland.com]
Sent: Friday, January 06, 2006 10:22 AM
To: Robert Martin
Subject: FW: City of Chicago Backup Electric Generation for Pump Stations.

FYI – Bob:

From: Allan Poole [mailto:PooleA@naperville.il.us]
Sent: Monday, December 19, 2005 2:40 PM
To: Mike Vondra
Subject: City of Chicago Backup Electric Generation for Pump Stations.

From an "engineering perspective" the City of Chicago does need emergency backup electrical generation for their water pumping stations taking suction from the underground tunnel transmission system as they essentially have no ground level or elevated water storage facilities. Simply put the tunnel capacity is their water storage.

Without regards to Chicago having tunnel storage or ground storage the issue is the ability to pump water and pressurize the distribution system and deliver water for all uses including the very important one of fire protection. The critical element then is electricity to power the water pumping systems and this is achieved by

- a) two source electrical power from separate ComEd electric substations with an automatic transfer switch.
- b) single source electrical power with backup from engine-generator facilities at each pumping station for the second feed source in lieu of the second separate electric also with an automatic transfer switch .

What the City of Chicago has been doing as I see it is adding engine electrical generation facilities at some of their pumping stations in lieu of adding a second feeder line from a second ComEd substation. This is an alternate solution and not in addition to two separate feed lines from independent substations. It may not be practical or excessively expensive for Chicago to have ComEd provide dual substation feed to their water pumping stations.

Since Chicago has not had dual electric feed either by two substations or one substation and standby emergency generation facilities and is now adding this they would be able to operate with a gridwide power failure by pumping out of their tunnel storage. The DWC would be spending a lot of money to add standby generators on top of the present dual substation feed arrangements.

It should be clear that water pumping stations served electrically from two independent electric substations with an automatic transfer switch arrangement has long been considered a reliable method and in fact was done by AB&H for the DuPage Water Commission Lexington and Elmhurst Water Pumping Stations. This has served us well for the past 13 years of operation.

The DWC dual electrical feed design and installation has provided reliable service. One must look at what Chicago is doing and why and this is clearly different than what the DWC is looking at for protection against a gridwide regional blackout.

The question we should remain focused on is the large expenditure at both Lexington and Elmhurst to protect against the very low level risk of a gridwide regional failure that would last more than say 8 hours. With an anticipated budget of \$28-30 Million for backup generators at both locations and the undecided matter of whether or not Chicago will give water purchase credits for the Lexington Station this matter is unresolved.

The DWC does have above ground water storage of 30 MG in 5 separate standpipes and the 30 MG storage at Elmhurst. In addition the member customers are required to have 2 day storage with consideration for a relative portion of the DWC storage plus a credit of 10% for groundwater well supply. In the case of my community Naperville we have 43.9 MG in storage with an average 2005 daily usage of 17 MGD. This gives us 2.6 days storage independent of our DWC and well water credits. Most of this storage is either elevated or has standby engine generators for ground storage reservoirs.

Many of the 25 communities need storage additions as they do not meet the 2 day storage charter customer agreement and this is something that the DWC staff should be advising in writing to these communities. Water storage would be an important consideration with a gridwide power outage and dependent on when it came if ever it would probably be in the hot summer when water storage would be seeing ups and downs in levels due to lawn sprinkling. For Naperville we consider about 25% of our storage always available as a minimum for fire protection. It would appear other communities have little available during emergencies but rely on the DWC .

An technical article appearing in the September 2005 issue of the AWWA Opflow entitled "Determining Distribution System Storage Needs" discusses the importance of water storage for fire protection. The article states that emergency storage is prudent providing adequate volume to supply the system's average daily demand for the estimated duration of a possible emergency. For large systems a good rule to follow is that of the Detroit Water and Sewerage Department with adequate emergency storage capacity equaling approximately 50 to 60% of an average day.

In the basis of design for any backup generators provided at Lexington and Elmhurst it is in error to design for the maximum day in 2020. We should be considering 65-75% of average day in 2020 and the generator sizing and cost will be substantially lower. Also, if not being considered the design should be for reduced voltage motor starters not the full startup voltage. What is the current design for the Elmhurst Pumping Station?

My concern for the two Lake Michigan Water Pumping Stations critical to our receiving distribution systems flows and pressures is to provide for highly reliable daily operation, maintenance, and management. The two/three electrical source feeders to the Lexington and Elmhurst Stations need to be monitored and patrolled by the DWC. A regular report from ComEd on their vegetative management practices (tree trimming) for the 34.5 kV power lines should be requested and DWC should view the lines once a year for our own inspection. Maintenance reports from ComEd on these lines and the substations feeding these lines should be requested and obtained on an annual basis. If they have not placed a high priority on these facilities serving over 900,000 population they should be held accountable.

What it boils down to is the risk of a complete failure of the electrical power grid in the Chicago area with this risk resulting in a downtime beyond the storage capabilities of the DWC and its member customers. Some having sufficient storage with backup power can manage the gridwide failure while others cannot or may not. I believe the risk is quite low and this makes a very large expenditure particularly if the DWC has to pay for both Lexington and Elmhurst backup electrical systems a real test of risk management. Also, the decentralized approach of placing generators on the backup wells needed to be further evaluated.

In summary from an engineering perspective water storage and pumping facilities for providing fire protection is indeed part of a public water supply system. I would like the DWC to consider the 30 MG storage addition at the Elmhurst Station in conjunction with the backup generator question as they are truly connected. An additional 8 hours of storage at 2020 average day flows would be provided over present storage volumes with the 30 MG addition. With engine generators at Elmhurst only that are properly sized for 65-75% pumping of average day we may have a combination that does not depend on Lexington for meeting the gridwide failure risk.

I do believe the backup generator question is not well understood by most customers and they are confusing it with failure of ComEd on the retail distribution side. As the basis of design has not been understood or conveyed to the members they readily accept the cost estimates for an over designed system. Most have no concept of the storage and pumping relationship and most appear adverse to any risk yet coming through 3 standby engine generators and controls they assume no risk here either.

Thanks for asking ...we need more discussion.



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: January 6, 2006

SUBJECT: Status of Operations

Operations Overview

The Commission's sales for the month of November were a total of 2.211 billion gallons. This represents an average day demand of 73.7 million gallons per day (MGD), which is higher than the November 2004 average day demand of 73.0 MGD. The maximum day demand was 78.9 MGD on November 12, 2005, which is higher than the November 2004 maximum day demand of 76.1 MGD. The minimum day flow was 69.6 MGD. The Commission recorded a total precipitation for the month of November of 1.61 inches compared to 3.31 inches for November 2004. The level of Lake Michigan for November 2005 is 577.2 (Feet IGLD 1985) compared to 577.8 (Feet IGLD 1985) for November of 2004.

The Commission's sales for the month of December were a total of 2.369 billion gallons. This represents an average day demand of 76.4 million gallons per day (MGD), which is higher than the December 2004 average day demand of 74.6 MGD. The maximum day demand was 81.9 MGD on December 23, 2005, which is higher than the December 2004 maximum day demand of 79.5 MGD. The minimum day flow was 70.3 MGD. The Commission recorded a total precipitation for the month of December of 0.49 inches compared to 1.13 inches for December 2004. The level of Lake Michigan for December 2005 is 577.0 (Feet IGLD 1985) compared to 577.7 (Feet IGLD 1985) for December of 2004.

Operations Construction Overview

Contract PSD-6 Reservoir Addition

Division A – Equipment and Material Storage: On hold until determination of size and type of structure (if any) to be added for Pipe Storage.

Division B – Cadwell Avenue Re-alignment: Staff and Consoer Townsend Envirodyne Engineers have received annexation documents back from the City of Elmhurst. Consoer Townsend is reviewing the documents and incorporating Elmhurst's standard design elements into the contract documents.

Contract PSD-7 DPPS Electrical Generation

The electrical generation project is currently on hold.

Pipe Loop Pilot Plant

The initial results of the study are expected in the first quarter of 2006.

Tank # 4 Mixing System

Consoer Townsend Envirodyne is currently preparing the documents required to put the project out for bid.

Back-up Telemetry

A bid opening was held on December 20, for the Back-up Telemetry System. The following bids were received:

Elan Industries	\$ 99,400.00
Wunderlich- Malec Environmental	\$ 126,298.00
B&W Controls Systems	\$ 134,900.00
Austgen Electric	\$ 135,400.00
Farnsworth Group Inc.	\$ 159,745.00
CDC Enterprises Inc.	\$ 177,766.00
Engineered Fluid Inc.	\$ 194,265.93
HSQ Technology	\$ 209,770.00
Divane Bros. Electric	\$ 222,000.00

GIS

Patrick Engineering installed the engineering drawing viewer application and drawings are viewable by staff on the Commission's network.

Staff is preparing to upgrade from the Datastream MP2 maintenance management program by purchasing the Datastream 7i Express system. MP2 has reached the end of its product life cycle and will not be supported by the company after 2006. Datastream 7i is the maintenance management program that Chicago will be using for the Lexington Pump Station.

The first version of the Commission GIS system map book has been completed and distributed to staff.

Work continues on the conceptual pipeline database design. The design is based on an industry standard data model provided by ESRI and will include all the pipelines and related features such as valves, tees, metering stations, etc. as separate GIS feature classes linked to each other through topology and relationship classes. The final design will be a hybrid that combines primarily pipeline data model features with water distribution data model features to reflect the unique nature of the Commission's operations.

Pipeline Construction Overview

CONTRACT TIB-1/03 INNER BELT TRANSMISSION MAIN

Main is in service. Roadway restoration has been completed. Work on other restoration and contract related items continues.

Lost Time Accidents To Date 01/06/06 0 Days

CONTRACT QR-7

A resolution requesting approval for work authorizations numbers #1 and #2 appears on the agenda as R-03-06.

Lost Time Accidents to Date: 01/06/06 0 Days

CONTRACT CP-3 CORROSION IDENTIFICATION AND ASSESSEMENT

All field work under this contract has been completed.

Lost Time Accidents to Date: 01/06/06 0 Days

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

The contract bid opening was held on December 20. A resolution awarding Contract BOV-2/05 appears on the agenda as Resolution R-02-06

The following are attachments to this memorandum:

1. DuPage Laboratory Bench Sheets for November & December, 2005
2. Water Sales Analysis 01-May-03 to 31-December-05
3. Chart showing Commission sales versus allocations
4. Chart showing Commission sales versus historical averages

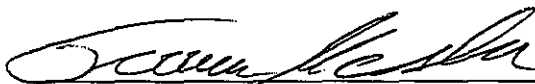
Operations\Memorandums\Status of Operations 060106.doc

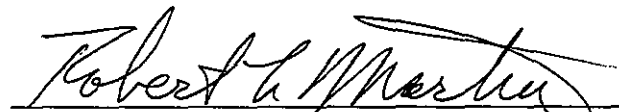
DUPAGE WATER COMMISSION LABORATORY BENCH SHEET
MONTHLY REPORT FOR NOVEMBER 2005

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	0.77	0.09	0.48	0.81	0.07	65	7.4	0.9	0.50	0	KD
2	0.78	0.09	0.48	0.80	0.07	65	7.4	1.1	0.48	0	KD
3	0.70	0.09	0.45	0.82	0.07	65	7.5	1.1	0.46	0	KD
4	0.74	0.10	0.45	0.81	0.08	64	7.5	1.0	0.46	0	KD
5	0.77	0.11	0.45	0.80	0.08	64	7.5	1.1	0.46	0	JV
6	0.79	0.10	0.46	0.80	0.08	64	7.5	1.1	0.45	0	JV
7	0.78	0.10	0.46	0.80	0.08	64	7.5	1.1	0.47	0	JV
8	0.77	0.10	0.47	0.82	0.09	63	7.5	1.0	0.47	0	JV
9	0.78	0.10	0.42	0.84	0.07	63	7.5	1.0	0.47	0	KD
10	0.76	0.10	0.42	0.83	0.09	63	7.4	1.0	0.45	0	KD
11	0.79	0.11	0.42	0.81	0.07	63	7.4	1.0	0.44	0	KD
12	0.76	0.11	0.43	0.82	0.09	63	7.4	1.0	0.43	0	KD
13	0.76	0.11	0.41	0.81	0.07	63	7.5	1.0	0.42	0	JV
14	0.76	0.08	0.41	0.81	0.09	63	7.5	1.1	0.42	0	JV
15	0.76	0.11	0.44	0.81	0.07	61	7.5	1.1	0.42	0	JV
16	0.78	0.09	0.40	0.79	0.08	58	7.5	1.1	0.42	0	JV
17	0.76	0.09	0.44	0.79	0.08	58	7.5	1.1	0.42	0	KD
18	0.76	0.10	0.45	0.79	0.09	57	7.5	1.1	0.45	0	KD
19	0.76	0.10	0.43	0.79	0.10	57	7.5	1.1	0.45	0	KD
20	0.78	0.10	0.43	0.78	0.10	58	7.5	1.0	0.46	0	KD
21	0.78	0.09	0.47	0.78	0.08	58	7.5	1.0	0.41	0	JV
22	0.79	0.09	0.44	0.78	0.08	56	7.5	1.0	0.42	0	JV
23	0.78	0.08	0.44	0.77	0.08	55	7.5	1.0	0.42	0	JV
24	0.77	0.10	0.44	0.77	0.09	55	7.5	1.0	0.44	0	JV
25	0.78	0.11	0.43	0.77	0.09	54	7.5	1.1	0.45	0	KD
26	0.79	0.11	0.47	0.78	0.08	52	7.5	1.0	0.43	0	KD
27	0.76	0.10	0.40	0.78	0.07	52	7.5	1.1	0.41	0	KD
28	0.76	0.10	0.44	0.79	0.07	50	7.5	1.1	0.43	0	KD
29	0.76	0.09	0.45	0.77	0.08	50	7.5	1.1	0.44	0	JV
30	0.77	0.10	0.45	0.78	0.07	47	7.5	1.1	0.45	0	JV
31											
AVG	0.77	0.10	0.44	0.80	0.08	59	7.5	1.1	0.44	0	
MAX	0.79	0.11	0.48	0.84	0.10	65	7.5	1.1	0.50	0	
MIN	0.70	0.08	0.40	0.77	0.07	47	7.4	0.9	0.41	0	


Terrance McGhee
Operations Supervisor



Robert L. Martin
General Manager


DUPAGE WATER COMMISSION LABORATORY BENCH SHEET
MONTHLY REPORT FOR DECEMBER 2005

LEXINGTON SUPPLY

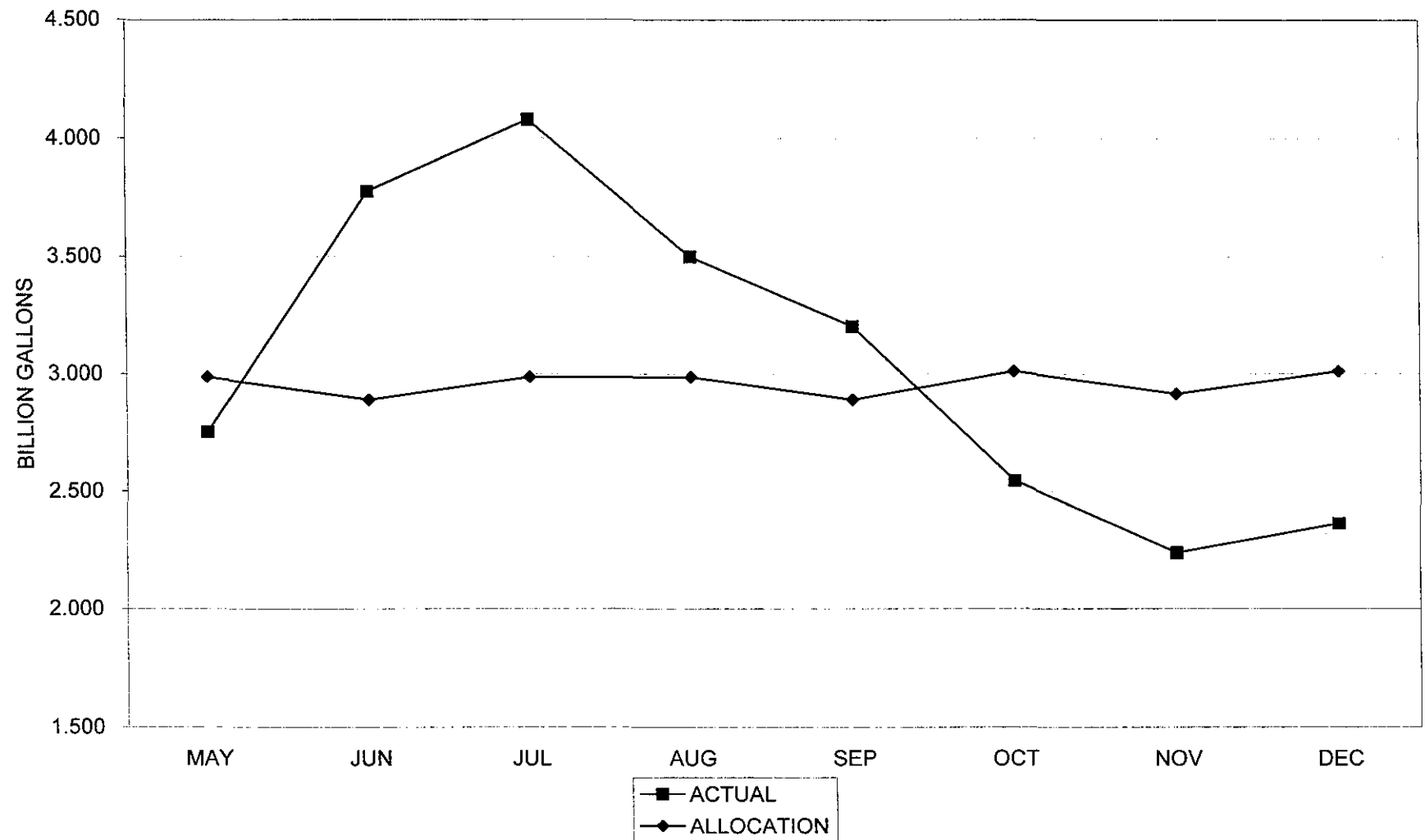
DUPAGE DISCHARGE

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	0.76	0.10	0.50	0.77	0.08	65	7.5	1.0	0.48	0	JV
2	0.76	0.10	0.51	0.77	0.08	65	7.5	1.0	0.48	0	JV
3	0.77	0.09	0.48	0.77	0.08	65	7.5	1.0	0.47	0	KD
4	0.77	0.10	0.49	0.74	0.09	64	7.5	1.0	0.47	0	KD
5	0.77	0.11	0.50	0.74	0.09	64	7.5	1.0	0.47	0	KD
6	0.78	0.10	0.50	0.75	0.09	64	7.4	1.0	0.49	0	KD
7	0.76	0.10	0.50	0.75	0.10	64	7.4	1.0	0.49	0	JV
8	0.76	0.10	0.48	0.77	0.10	63	7.5	0.9	0.49	0	JV
9	0.78	0.10	0.47	0.76	0.10	63	7.5	0.9	0.50	0	JV
10	0.77	0.10	0.50	0.78	0.08	63	7.5	1.1	0.50	0	JV
11	0.78	0.11	0.50	0.76	0.08	63	7.4	1.1	0.51	0	MB
12	0.79	0.11	0.49	0.76	0.09	63	7.6	1.1	0.51	0	MB
13	0.76	0.11	0.49	0.76	0.09	63	7.5	1.1	0.51	0	MB
14	0.76	0.08	0.47	0.75	0.08	63	7.5	1.1	0.51	0	MB
15	0.76	0.11	0.47	0.74	0.07	61	7.5	1.1	0.48	0	MR
16	0.77	0.09	0.50	0.73	0.10	58	7.5	1.1	0.48	0	MR
17	0.78	0.09	0.48	0.77	0.10	58	7.5	1.1	0.48	0	MR
18	0.76	0.10	0.47	0.76	0.07	57	7.5	1.1	0.47	0	MR
19	0.79	0.10	0.50	0.75	0.07	57	7.4	1.1	0.48	0	MB
20	0.78	0.10	0.51	0.75	0.07	58	7.4	1.0	0.47	0	MB
21	0.78	0.10	0.49	0.76	0.07	58	7.5	1.0	0.47	0	MB
22	0.77	0.10	0.48	0.78	0.08	56	7.5	1.0	0.47	0	MB
23	0.78	0.09	0.48	0.78	0.08	55	7.4	1.0	0.48	0	MR
24	0.79	0.09	0.47	0.78	0.07	55	7.4	1.0	0.49	0	MR
25	0.79	0.09	0.48	0.75	0.09	54	7.4	1.0	0.45	0	MR
26	0.77	0.09	0.48	0.76	0.08	52	7.4	0.9	0.49	0	MR
27	0.78	0.09	0.47	0.76	0.07	52	7.4	0.9	0.48	0	MB
28	0.75	0.10	0.49	0.76	0.10	50	7.4	0.9	0.47	0	MB
29	0.79	0.09	0.49	0.78	0.09	50	7.4	1.0	0.47	0	MB
30	0.76	0.09	0.47	0.76	0.08	47	7.5	0.9	0.47	0	MR
31	0.76	0.10	0.47	0.77	0.09	46	7.5	1.0	0.49	0	MR
AVG	0.77	0.10	0.49	0.76	0.08	59	7.5	1.0	0.48	0	
MAX	0.79	0.11	0.51	0.78	0.10	65	7.6	1.1	0.51	0	
MIN	0.75	0.08	0.47	0.73	0.07	46	7.4	0.9	0.45	0	

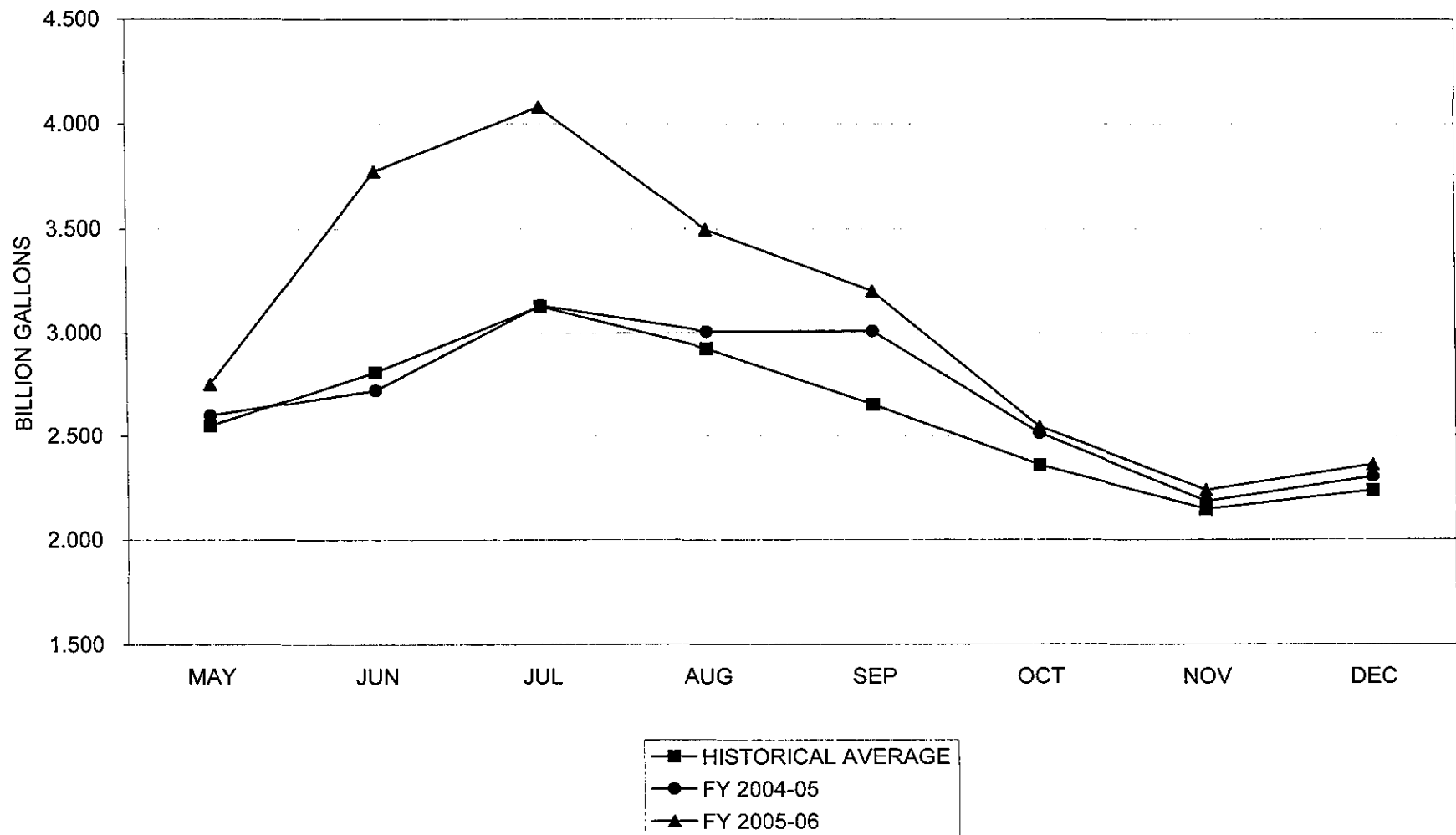

Terrance McGhee
Operations Supervisor


Robert L. Martin
General Manager

**DU PAGE WATER COMMISSION SALES
FY 2005-06 VS. ALLOCATION**



**DU PAGE WATER COMMISSION SALES
FY 2005-06 & FY 2004-05 VS. HISTORICAL AVERAGE**






DuPage Water Commission

MEMORANDUM

TO: Robert Martin, General Manager

FROM: Frank J. Frelka, GIS Coordinator 

DATE: January 5, 2006

SUBJECT: DuPage Water Commission GIS program

Prior to the last Board meeting Commissioner Wilcox asked about the status of our GIS program and plans for the future. In response to his inquiry I've prepared this memo which briefly summarizes GIS accomplishments to-date and discusses upcoming GIS projects.

My focus since starting work at the Commission in late 2004 has been to implement the GIS plan developed by Patrick Engineering. The long term goal of the plan is an enterprise-wide geographic information system that integrates the Commission's information systems and makes a variety of pipeline system information readily available on the computer network in an easy to use map-based user interface. Significant progress has been made in setting up the GIS system architecture and developing digital map data. Specific accomplishments include:

- Purchase of ArcINFO, ArcIMS, ArcSDE, ArcView and Network Analyst GIS software from ESRI
- Establishment of data sharing agreements with Cook and DuPage Counties
- Installation of a web server to display GIS maps and data online and a database server with sufficient capacity to store all GIS and maintenance data using SQL Server database software
- Substantial completion of the GPS data collection project consisting of over 4,500 points with survey-grade sub-centimeter level accuracy along each pipeline and on every valve and manhole
- Setting up of the drawing viewer application to allow online access to scanned drawings
- Replacement of hand-drawn maps with an up-to-date and indexed system mapbook
- Research on GIS-capable maintenance management software and a document management system for future installation
- Development of procedures for joining GIS map features with the MP2 maintenance database
- Completion of various ad hoc mapping projects

I anticipate that 2006 will be another busy year. Perhaps the most significant project will be the Datastream maintenance management software upgrade from MP2 to 7i. 7i is a web-based, customizable software product used for work order processing and asset management that can be integrated with GIS and other information systems. It consists of various modules that can be implemented over time as the needs of the Commission require.

Other tasks and projects anticipated in 2006 include:

- System map data collection and verification along with mapbook review and revisions as required
- Staff GIS training
- GIS integration with the Datastream 7i maintenance management system
- Document management system installation and GIS integration
- Mobile data applications for field personnel using the Datastream 7i Mobile module
- Geodatabase design that combines relevant features from the pipeline and water distribution system data models
- Additional data layer development for easements, elevations and geology and ad hoc mapping projects as required.

I will be available to answer questions or discuss any aspect of the Commission's GIS program at the January 12 Board meeting.