



DuPage Water Commission

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

ENGINEERING & CONSTRUCTION COMMITTEE
THURSDAY, APRIL 15, 2010
7:00 P.M.

COMMITTEE MEMBERS

W. Maio, Chair
L. Hartwig
W. Mueller
A. Poole

600 EAST BUTTERFIELD ROAD
ELMHURST, IL 60126

I. Roll Call

II. Approval of Committee Meeting Minutes of February 11, 2010

RECOMMENDED MOTION: To approve the Minutes of the February 11, 2010 Committee Meeting of the DuPage Water Commission.

III. Report of Status of Construction/Operations

IV. Resolution No. R-16-10: A Resolution Approving and Ratifying Certain Contract Change Orders at the April 15, 2010, DuPage Water Commission Meeting.

1. Increase of \$9,460.15 Contract TS-7/09 Naperville Cost
2. Increase of \$11,710.82 Contract TS-7/09 Commission Cost
3. Increase of \$71,636.68 Contract PSC-4/08

RECOMMENDED MOTION: The Engineering Committee recommends to the Commission approval of Resolution No. R-16-10 A Resolution Approving and Ratifying Certain Contract Change Orders at the April 15, 2010, DuPage Water Commission Meeting.

Adjournment

Board/Agendas/Engineering/2010/04docx

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.

**MINUTES OF A MEETING OF THE
ENGINEERING & CONSTRUCTION COMMITTEE
OF THE DUPAGE WATER COMMISSION
HELD ON THURSDAY, FEBRUARY 11, 2010
600 EAST BUTTERFIELD ROAD
ELMHURST, ILLINOIS**

The meeting was called to order at 7:02 P.M.

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

Committee members absent: A. Poole

Also in attendance: R. C. Bostick, J. Schori, E. Kazmierczak, F. Frelka, and M. Weed.

Commissioner Mueller moved to approve the Minutes of the January 14, 2009 Engineering Committee. Motion seconded by Commissioner Hartwig and passed unanimously as follows:

Aye: W. Maio, L. Hartwig, and W. Mueller
Nay: None
Absent: A. Poole

The Committee reviewed the memorandum regarding the Status of Operations dated February 5, 2010.

Quick Response Contracts

- Repairs to Underground Electrical Service From Transformer To Meter Station (QRE4-006A) Authorized by R-66-09 \$10,126.21

Commissioner Hartwig moved to recommend to the Commission approval of payments in the amount of \$10,126.21 as part of the accounts payable, subject to submission of all contractually required documentation. Motion seconded by Commissioner Mueller and passed unanimously as follows:

Aye: W. Maio, L. Hartwig, and W. Mueller
Nay: None
Absent: A. Poole

Commissioner Mueller moved to recommend to the Commission approval of Resolution No. R-6-10: A Resolution Approving and Authorizing the Execution of a Master Contract with AECOM USA, Inc. for Professional Engineering Services at the February 11, 2010, DuPage Water Commission Meeting. Motion seconded by Commissioner Hartwig. Commissioner Hartwig asked why we were

Engineering Meeting Minutes February 11, 2010

renegotiating the contract. Staff replied that Commissioner Zay had requested the contract be renegotiated. Commissioner Hartwig also asked how often we evaluate our master contracts and if we have master contracts with other engineering firms? Staff replied that the Commission has master contracts with multiple engineering firms and they are renegotiated on an as needed basis. The motion passed unanimously as follows:

Aye: W. Maio, L. Hartwig, and W. Mueller
Nay: None
Absent: A. Poole

Commissioner Hartwig moved to recommend to the Commission approval of Resolution No. R-7-10: A Resolution Approving and Ratifying Certain Work Authorization Orders Under Quick Response Contract QR-8/08 at the February 11, 2010, DuPage Water Commission Meeting. Motion seconded by Commissioner Mueller and passed unanimously as follows:

Aye: W. Maio, L. Hartwig, and W. Mueller
Nay: None
Absent: A. Poole

Commissioner Hartwig moved to recommend to the Commission approval of Resolution No. R-8-10: A Resolution Approving and Authorizing the Execution of the City of Elmhurst Wireless Radio Alarm Lease at the February 11, 2010, DuPage Water Commission Meeting. Motion seconded by Commissioner Mueller. Commissioner Mueller asked why we were changing our service. Staff replied that the City of Elmhurst required the change due to their new wireless radio system and that there would be a decrease in the annual service charges due to the switch. The motion passed unanimously as follows:

Aye: W. Maio, L. Hartwig, and W. Mueller
Nay: None
Absent: A. Poole

Commissioner Hartwig moved to recommend to the Commission approval of Resolution No. R-9-10: A Resolution Approving and Ratifying Certain Contract Change Orders at the February 11, 2010, DuPage Water Commission Meeting. Motion seconded by Commissioner Mueller. Commissioner Maio asked if the work involved with these Change Orders had already been completed. Staff replied that some of the work tasks had already been completed. Commissioner Hartwig asked why the work was authorized without Board approval. Staff replied that some of the work tasks were involved with work already in progress and if the work had been stopped, it would have resulted in much higher costs and time delays. Commissioner Hartwig requested that all future Change Orders be approved by the Board in advance of work performed. Commissioner Mueller requested that a report listing all Changes Orders be included in the monthly Engineering package. The motion passed unanimously as follows:

Engineering Meeting Minutes February 11, 2010

Aye: W. Maio, L. Hartwig, and W. Mueller
Nay: None
Absent: A. Poole

Commissioner Mueller moved to adjourn the meeting at 7:30 P.M. Motion
seconded by Commissioner Hartwig and passed unanimously as follows:

Aye: W. Maio, L. Hartwig, and W. Mueller
Nay: None
Absent: A. Poole

BOARD/MINUTES/ENGINEERING/2010/0211.docx



DuPage Water Commission

MEMORANDUM

TO: Chairman and Commissioners

FROM: Terry McGhee 
Acting General Manager

Ed Kazmierczak	Pipeline Supervisor
Chris Bostick	Facilities Construction Supervisor
John Schori	Instrumentation Supervisor
Frank Frelka	GIS Coordinator
Mike Weed	Operations Supervisor

DATE: April 8, 2010

SUBJECT: Status of Operations

Operations Overview

The Commission's sales for the month of March were a total of 2.123 billion gallons. This represents an average day demand of 68.5 million gallons per day (MGD), which is lower than the March 2009 average day demand of 70.9 MGD. The maximum day demand was 72.1 MGD on March 21 2010, which is lower than the March 2009 maximum day demand of 78.1 MGD. The minimum day flow was 62.6 MGD. The Commission's recorded total precipitation for the month of March was 1.55 inches compared to 1.16 inches for March 2009. The level of Lake Michigan for March 2010 is 577.74 (Feet IGLD 1985) compared to 577.73 (Feet IGLD 1985) for March of 2009.

Water Conservation

The Commission has distributed 22 rain barrels to date and our customers are using them as displays for the public as well as promoting the sale of rain barrels to their residents. The Commission has also received 15 completed utility Pledges and 12 status updates on the Utility Pledges.

Two "Fix a Leak Week" events were held on March 13th and March 20th. The events were held in Itasca and Westmont. A recap of the events can be found on the preservingeverydrop.org web site.

The March Water Conservation Newsletter was sent out to all Utility Water Conservation Coordinators and is posted on the Water Conservation web site www.preservingeverydrop.org

The DWC Water Conservation Program will be featured at the following events

Clarendon Hills Believe in Green Event	April 10 th
Glendale Heights Energy in Motion 5k run	April 17 th 8:30-12
Argonne National Labs Earth Day	April 22 nd
Roselle's Green Night	April 29 th 7:00pm

Document Management

CLS has completed the installation and implementation of the Document Management Software, WorkShare Comparison software, and provided end-user training for the above mentioned software.

The Records Management software has been installed, which completes the first phase of the Document Management System. Staff will now start the process of moving documents into the new databases once in-house training has been completed.

Work continues with the CLS Group to complete the document inventory that will be sent to the Secretary of State for their destruction authorization.

Facilities Construction Overview

Contract PSD-6 Reservoir Addition - Division A – Equipment Storage Building and Material Storage

The Contractor is working on final punch list items.

Contract PSD-7 DPPS Electrical Generation

Masonry, electrical, mechanical, painting and HVAC work is ongoing. Concrete paving in the Service Yard is underway. Electrical gear is being tested and is scheduled for delivery beginning at the end of April. A report has been provided by the engineer for review. A table of change orders approved, pending or in development has been prepared for review. Payout No. 15 appears on the Accounts Payable. The project completion date remains November 25, 2010.

Generator Supply Contract

With all generators installed, start-up and testing is all that remains under this contract. The dates for these activities are to be determined based upon work progress of the PSC-4 and PSD-7 contracts.

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

Electrical rough-in and HVAC work is ongoing. Electrical gear is being tested and delivery will commence later this month. A report has been provided by the engineer for review. Payout No. 9 appears on the Accounts Payable. Change Order No. 5 appears as part of R-16-10.A table of change orders approved, pending or in development has been prepared for review. The project completion date is October 21, 2010.

As previously reported, the concern remains that the completion of the work will be delayed due to critical equipment shop drawing submittals not being provided in a timely manner.

Contract PSC-5 Lexington Photovoltaic Cells

Installation of underground cabling and safety switches is ongoing and is impacted by the PSC-4 housing and electrical work. A report has been provided by the engineer for review. A table of change orders approved, pending or in development has been prepared for review. The project completion date is July 21, 2010.

Winfield Additional Connection – Contract MS-17/10

The Contract was awarded but has not been executed due to insurance deficiencies. The Contract Completion date is September 21, 2010.

DuPage County Service Areas

Contract MS-18/09 - The Contractor has completed the watermain work and water is flowing or available to flow at both the Hobson Valley and Glen Ellyn Heights service areas. Valve controls issues remain and are creating an issue for automatic flow control at the DuPage County pressure adjusting stations. The Contractor is working with the equipment supplier to resolve the issues. The project completion remains March 15, 2010.

GISDuPage Pumping Station As-built Drawings

The initial phase of this project is substantially complete with a few minor corrections needed and the AutoCAD drawing files turned over to the Commission. The original plan involved developing as-built drawings for all of the DuPage Pumping Station building systems, i.e. mechanical, electrical, etc. However, due to the cost and excessive amount staff resources, we have decided to put the project on hold. This project will be reevaluated for the next budget year.

GIS Data

The two new meter stations and associated mains have been added to the GIS system map.

Pipeline Construction Overview**CONTRACT QR-8/08 (QUICK RESPONSE CONTRACT)**

Authorization Order Number 18 for the repair of two pavement patches located on Taft Ave. in the City of Berkeley was approved at the March Commission meeting. This work will begin as soon as the contractor has secured permits from IDOT.

Contract TS-7 (South Transmission Main Relocation)

Contract has been completed. Change Order No. 1 represents a final balancing change order to the contract and appears on the agenda as part of R-16-10.

TS- 3/88 (South Transmission Main Repair)

Work was performed over the period of March 30-31.

APRIL 2010 COMMISSION AGENDA ITEMS:

R-16-10----A Resolution Approving and Ratifying Certain Contract Change Orders at the April 15, 2010, DuPage Water Commission Meeting

Attachments:

1. DuPage Laboratory Bench Sheets for April, 2010
2. Water Sales Analysis 01-May-06 to 31-March-10
3. Chart showing Commission sales versus allocations
4. Chart showing Commission sales versus historical averages
5. Facilities Construction Change Order Log April 8, 2010

DUPAGE WATER COMMISSION LABORATORY BENCH SHEET
MONTHLY REPORT FOR MARCH 2010

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	PO ₄ mg/l	P.A.C. LBS/MG	ANALYST INT
1	0.88	0.09	0.48	0.85	0.08	36	7.6	1.1	0.45	0	GA
2	0.86	0.08	0.48	0.86	0.08	36	7.6	1.0	0.47	0	GA
3	0.86	0.08	0.52	0.87	0.07	36	7.6	1.0	0.48	0	GA
4	0.85	0.10	0.46	0.89	0.07	37	7.6	1.1	0.51	0	RC
5	0.89	0.10	0.51	0.88	0.07	38	7.6	1.0	0.51	0	RC
6	0.88	0.10	0.47	0.85	0.07	36	7.6	1.2	0.49	0	RC
7	0.92	0.10	0.48	0.87	0.07	38	7.6	1.0	0.48	0	RC
8	0.90	0.10	0.48	0.90	0.08	38	7.6	1.2	0.46	0	GA
9	0.84	0.10	0.49	0.85	0.08	38	7.6	1.1	0.48	0	GA
10	0.87	0.10	0.46	0.86	0.08	38	7.6	1.1	0.41	0	GA
11	0.87	0.09	0.49	0.85	0.08	38	7.5	1.1	0.46	0	GA
12	0.91	0.10	0.48	0.84	0.07	38	7.5	1.1	0.46	0	RC
13	0.86	0.08	0.49	0.84	0.08	39	7.6	1.2	0.48	0	GA
14	0.89	0.10	0.47	0.86	0.08	37	7.6	1.0	0.50	0	RC
15	0.92	0.08	0.51	0.85	0.09	38	7.6	1.1	0.51	0	RC
16	0.86	0.08	0.49	0.87	0.08	39	7.6	1.0	0.47	0	GA
17	0.87	0.09	0.49	0.87	0.08	39	7.6	1.2	0.47	0	GA
18	0.86	0.09	0.46	0.87	0.08	40	7.5	1.2	0.47	0	GA
19	0.89	0.08	0.51	0.95	0.08	40	7.5	1.0	0.47	0	GA
20	0.87	0.11	0.50	0.86	0.08	40	7.5	1.1	0.50	0	RC
21	0.89	0.08	0.51	0.84	0.09	40	7.6	1.2	0.51	0	RC
22	0.87	0.08	0.50	0.87	0.08	40	7.5	1.1	0.52	0	RC
23	0.85	0.08	0.50	0.86	0.09	40	7.6	1.1	0.51	0	RC
24	0.88	0.09	0.51	0.84	0.08	40	7.6	1.2	0.48	0	GA
25	0.83	0.08	0.51	0.85	0.08	41	7.6	1.2	0.47	0	GA
26	0.89	0.09	0.50	0.86	0.08	42	7.6	1.2	0.50	0	GA
27	0.87	0.09	0.50	0.87	0.08	42	7.6	1.2	0.47	0	GA
28	0.86	0.08	0.51	0.85	0.09	40	7.5	1.0	0.51	0	AM
29	0.86	0.10	0.51	0.86	0.07	41	7.6	1.1	0.50	0	AM
30	0.84	0.08	0.52	0.86	0.08	42	7.5	1.0	0.51	0	MR
31	0.89	0.10	0.52	0.85	0.10	42	7.6	1.0	0.49	0	MR
AVG	0.87	0.09	0.49	0.86	0.08	39	7.6	1.1	0.48	0	
MAX	0.92	0.11	0.52	0.90	0.10	42	7.6	1.2	0.52	0	
MIN	0.83	0.08	0.46	0.84	0.07	36	7.5	1.0	0.41	0	



Terrance McGhee
Acting General Manager

DU PAGE WATER COMMISSION
WATER SALES ANALYSIS

01-May-92 TO 31-Mar-10

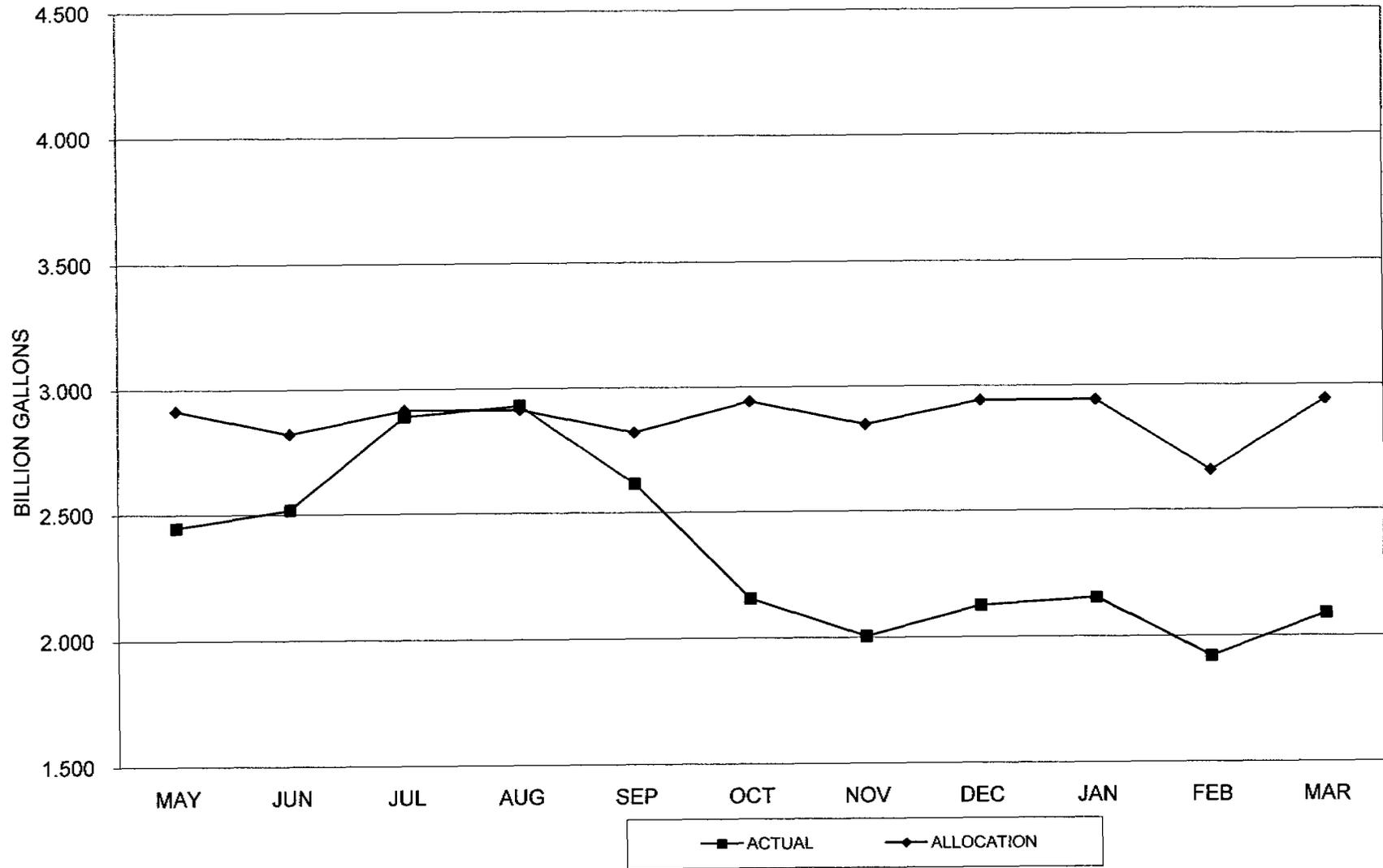
PER DAY AVERAGE 81,504.853

MONTH	SALES TO CUSTOMERS (GALLONS)	PURCHASES FROM CHICAGO (GALLONS)	GALLONS BILLED %	BILLINGS TO CUSTOMERS	BILLINGS FROM CHICAGO	DOCUMENTED WATER USE (2)	DOCUMENTED	TOTAL	DWC RATE	CHGO RATE
							COMMISSION WATER USE %	ACCOUNTED FOR %		
May-06	2,610,813,000	2,692,357,782	96.97%	\$3,237,408.12	\$3,580,835.85	5,227,307	0.19%	97.17%	\$1.24	\$1.330
Jun-06	2,992,447,000	3,070,487,707	97.46%	\$3,710,960.98	\$4,083,748.65	4,407,260	0.14%	97.60%	\$1.24	\$1.330
Jul-06	3,271,454,000	3,360,915,489	97.34%	\$4,056,602.96	\$4,470,017.60	4,330,000	0.13%	97.47%	\$1.24	\$1.330
Aug-06	3,182,143,000	3,278,914,023	97.05%	\$3,945,857.32	\$4,360,955.65	4,157,170	0.13%	97.18%	\$1.24	\$1.330
Sep-06	2,472,175,000	2,539,240,000	97.36%	\$3,065,988.70	\$3,377,189.20	4,242,692	0.17%	97.53%	\$1.24	\$1.330
Oct-06	2,290,903,000	2,358,823,308	97.12%	\$2,840,719.72	\$3,137,235.00	4,540,716	0.19%	97.31%	\$1.24	\$1.330
Nov-06	2,180,207,000	2,227,311,241	97.89%	\$2,703,456.68	\$2,962,323.95	28,850,568	1.30%	99.18%	\$1.24	\$1.330
Dec-06	2,226,395,000	2,288,819,699	97.28%	\$2,760,729.80	\$3,043,864.20	3,979,814	0.17%	97.46%	\$1.24	\$1.330
Jan-07	2,220,804,000	2,280,218,308	97.39%	\$2,753,796.96	\$3,032,690.35	3,980,439	0.17%	97.57%	\$1.24	\$1.330
Feb-07	2,140,510,000	2,201,007,331	97.25%	\$2,654,454.82	\$2,927,339.75	3,710,444	0.17%	97.42%	\$1.24	\$1.330
Mar-07	2,210,108,000	2,285,918,985	96.68%	\$2,741,312.06	\$3,040,272.25	3,891,151	0.17%	98.35%	\$1.24	\$1.330
Apr-07	2,181,740,000	2,251,116,429	96.92%	\$2,705,357.60	\$2,993,984.85	4,352,433	0.19%	97.11%	\$1.24	\$1.330
May-07	2,863,644,000	2,951,900,000	97.01%	\$2,978,988.48	\$3,926,001.00	4,012,875	0.14%	97.15%	\$1.04	\$1.330
Jun-07	3,292,831,000	3,396,024,774	96.96%	\$3,424,545.52	\$4,516,712.95	4,468,064	0.13%	97.09%	\$1.04	\$1.330
Jul-07	3,314,840,000	3,412,423,571	97.14%	\$3,447,433.60	\$4,538,523.35	4,456,650	0.13%	97.27%	\$1.04	\$1.330
Aug-07	2,883,008,000	2,966,379,286	97.19%	\$2,998,328.32	\$3,945,284.45	4,172,900	0.14%	97.33%	\$1.04	\$1.330
Sep-07	2,951,692,000	3,051,590,188	96.73%	\$3,070,294.72	\$4,058,614.95	3,977,217	0.13%	96.86%	\$1.04	\$1.330
Oct-07	2,512,609,400	2,578,045,000	97.46%	\$2,614,883.38	\$3,428,799.85	9,585,389	0.37%	97.83%	\$1.04	\$1.330
Nov-07	2,143,753,000	2,205,810,263	97.19%	\$2,230,952.72	\$2,933,727.65	10,390,297	0.47%	97.66%	\$1.04	\$1.330
Dec-07	2,228,281,000	2,292,016,165	97.22%	\$2,317,412.24	\$3,048,381.50	2,174,944	0.09%	97.31%	\$1.04	\$1.330
Jan-08	2,262,968,000	2,324,208,591	97.37%	\$2,353,486.72	\$3,554,877.04	2,134,597	0.09%	97.48%	\$1.04	\$1.530
Feb-08	2,145,137,000	2,197,527,140	97.62%	\$2,232,195.60	\$3,361,117.76	2,074,217	0.09%	97.71%	\$1.04	\$1.529
Mar-08	2,239,073,000	2,295,015,835	97.56%	\$2,328,635.92	\$3,510,226.72	2,041,001	0.09%	97.65%	\$1.04	\$1.530
Apr-08	2,177,771,000	2,244,319,320	97.03%	\$2,266,101.68	\$3,432,686.40	8,144,629	0.36%	97.40%	\$1.04	\$1.530
May-08	2,474,831,000	2,566,584,008	96.43%	\$2,573,824.24	\$3,925,590.24	4,884,294	0.19%	96.62%	\$1.04	\$1.529
Jun-08	2,604,318,000	2,677,371,376	97.27%	\$2,709,084.64	\$4,095,039.52	1,964,000	0.07%	97.34%	\$1.04	\$1.530
Jul-08	3,152,495,000	3,254,898,777	96.85%	\$3,278,594.80	\$4,978,367.68	2,131,900	0.07%	96.92%	\$1.04	\$1.530
Aug-08	3,184,859,000	3,279,095,181	97.13%	\$3,312,253.36	\$5,015,376.08	2,353,100	0.07%	97.92%	\$1.04	\$1.530
Sep-08	2,552,623,000	2,619,576,751	97.44%	\$2,655,066.48	\$4,006,642.64	2,109,972	0.08%	97.52%	\$1.04	\$1.529
Oct-08	2,302,750,000	2,362,503,982	97.47%	\$2,855,410.00	\$3,613,449.84	7,923,498	0.34%	97.81%	\$1.24	\$1.529
Nov-08	2,096,015,000	2,165,230,363	96.80%	\$2,599,238.12	\$3,311,719.84	2,220,353	0.10%	96.91%	\$1.24	\$1.529
Dec-08	2,256,850,000	2,320,311,736	97.26%	\$2,798,494.00	\$3,548,916.80	2,283,006	0.10%	97.36%	\$1.24	\$1.529
Jan-09	2,293,548,000	2,349,026,333	97.64%	\$2,843,999.52	\$4,131,937.32	2,163,839	0.09%	97.73%	\$1.24	\$1.758
Feb-09	2,048,827,000	2,102,586,263	97.44%	\$2,540,545.48	\$3,696,346.65	1,967,373	0.09%	97.54%	\$1.24	\$1.758
Mar-09	2,141,079,000	2,198,279,067	97.40%	\$2,655,454.08	\$3,864,574.60	5,652,898	0.26%	97.66%	\$1.24	\$1.758
Apr-09	2,090,046,000	2,146,681,399	97.36%	\$2,591,657.04	\$3,773,865.90	2,265,801	0.11%	97.47%	\$1.24	\$1.758
May-09	2,446,586,000	2,522,765,415	96.98%	\$3,620,947.28	\$4,435,021.60	2,189,800	0.09%	97.07%	\$1.48	\$1.758
Jun-09	2,517,674,000	2,587,363,481	97.31%	\$3,726,157.52	\$4,548,585.00	2,202,450	0.09%	97.39%	\$1.48	\$1.758
Jul-09	2,888,499,000	2,971,742,918	97.20%	\$4,274,978.52	\$5,224,324.05	2,030,397	0.07%	97.27%	\$1.48	\$1.758
Aug-09	2,931,183,000	3,010,833,874	97.35%	\$4,338,150.84	\$5,293,045.95	7,554,834	0.25%	97.61%	\$1.48	\$1.758
Sep-09	2,614,552,000	2,691,957,594	97.12%	\$3,869,536.96	\$4,732,461.45	1,994,845	0.07%	97.20%	\$1.48	\$1.758
Oct-09	2,155,177,000	2,204,779,266	97.75%	\$3,189,661.96	\$3,876,001.95	2,141,324	0.10%	97.85%	\$1.48	\$1.758
Nov-09	2,003,572,000	2,054,392,036	97.53%	\$2,965,286.56	\$3,611,621.20	2,224,921	0.11%	97.63%	\$1.48	\$1.758
Dec-09	2,124,149,000	2,174,881,342	97.67%	\$3,143,740.52	\$3,823,441.40	2,335,534	0.11%	97.77%	\$1.48	\$1.758
Jan-10	2,152,708,000	2,207,536,160	97.52%	\$3,186,007.84	\$4,426,110.00	2,148,128	0.10%	97.61%	\$1.48	\$2.005
Feb-10	1,920,433,000	1,956,112,219	98.18%	\$2,842,240.84	\$3,922,005.00	1,920,979	0.10%	98.27%	\$1.48	\$2.005
Mar-10	2,088,030,000	2,142,426,434	97.46%	\$3,090,284.40	\$4,295,565.00	3,367,754	0.16%	97.62%	\$1.48	\$2.005
TOTALS (1)	533,367,757,400	548,982,644,429	97.16%	\$698,458,556.11	\$654,340,791.53	565,148,691	0.10%	97.26%		

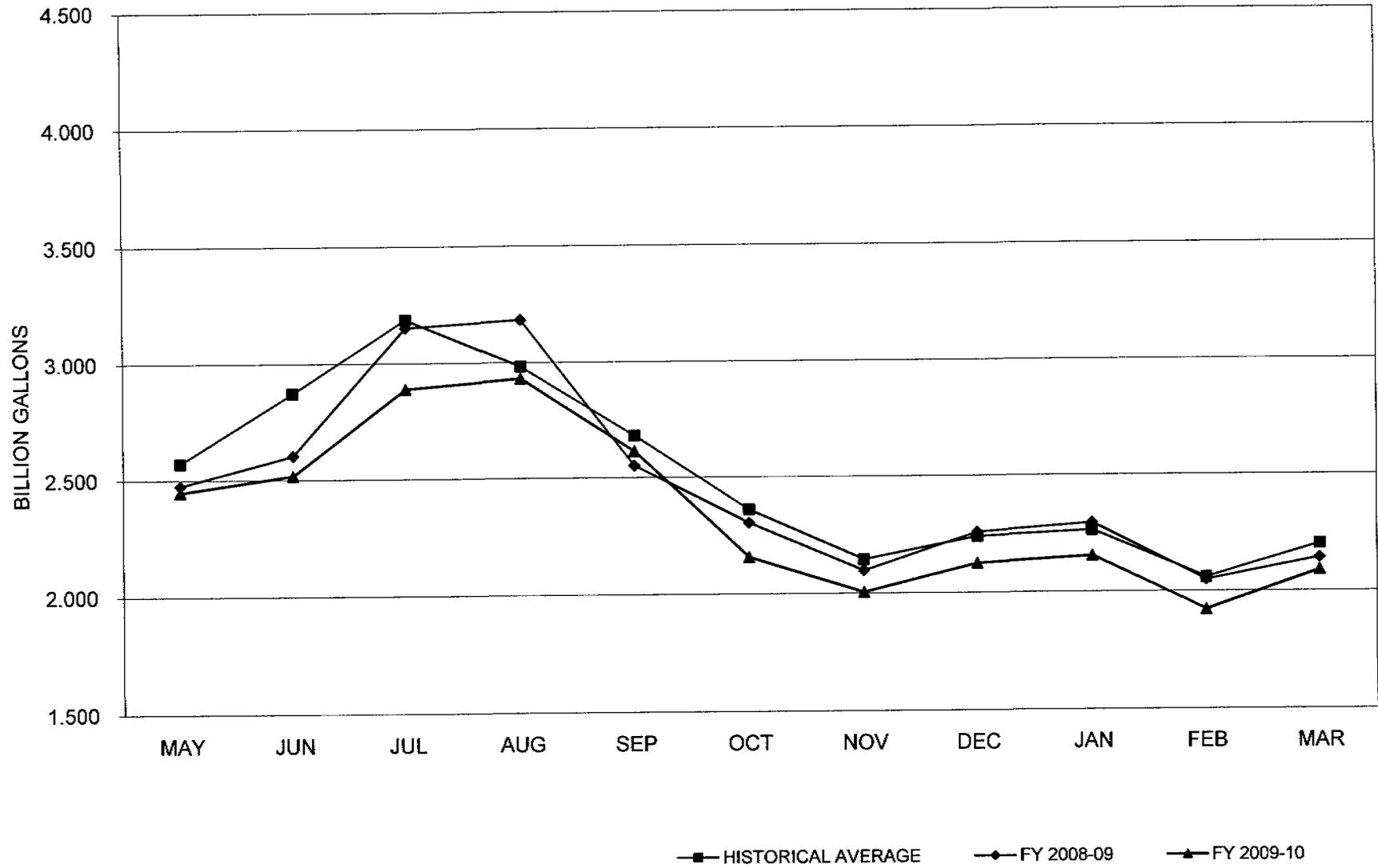
(1) - SINCE MAY 1, 1992

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

**DU PAGE WATER COMMISSION SALES
FY 2009-10 VS. ALLOCATION**



**DU PAGE WATER COMMISSION SALES
FY 2009-10 & FY 2008-09 VS. HISTORICAL AVERAGE**



**DuPage Water Commission
Facilities Construction Change Order Log**

April 7, 2010

PSC-4 LEXINGTON GENERATORS AND VFD'S			ORIGINAL CONTRACT	\$17,209,000.00	
CHANGE ORDER	DATE APPROVED	CONTENT	COST	REVISED CONTRACT COST	
1	4/9/09	South Road Modifications	\$28,331.37	\$17,237,331.37	CUMULATIVE CHANGE ORDER PERCENTAGE
2	9/10/09	Building Permit Related Work	\$204,866.51	\$17,442,217.88	
3	10/9/09	South Road Manhole Adjustment	\$3,270.43	\$17,445,468.31	
4	2/12/10	IDOT Permit Required Work	\$67,025.47	\$17,512,493.78	
5	On April 15 th Agenda	Underground Fuel Storage Tank Permit Requirements and Roof Curb Additions	\$71,636.68	Proposed \$17,584,130.46	Proposed 2.18%
PSC-5 LEXINGTON PHOTOVOLTAIC			ORIGINAL CONTRACT	\$7,996,000.00	
CHANGE ORDER	DATE APPROVED	CONTENT	COST	REVISED CONTRACT COST	CUMULATIVE CHANGE ORDER PERCENTAGE
1	8/14/09	Expansion of 24 KW from ILDCEO Grant received	\$250,000.00	\$8,246,000.00	3.13%
2	Under Review	Reservoir Electric Installation Modifications	Approximated at \$40,000.00		
PSD-7 DUPAGE GENERATORS/OFFICE/GARAGE EXPANSION			ORIGINAL CONTRACT	\$16,970,000.00	
CHANGE ORDER	DATE APPROVED	CONTENT	COST	REVISED CONTRACT COST	
1	2/6/09	Building Permit Required Work - Garage	\$78,175.00	\$17,048,175.00	CUMULATIVE CHANGE ORDER PERCENTAGE
2	5/15/09	Sanitary Casing/Demolition and Storm water Work	\$36,131.00	\$17,084,306.00	
3	7/10/09	Structural/Architectural Modifications	\$14,279.00	\$17,098,585.00	
4	8/14/09	ComEd Work, IDOT Permit Required Work, Add Gypsum and Knee Wall	\$33,179.00	\$17,131,764.00	
5	10/9/09	Roof and Underground Piping Modifications, Water Stop Addition	\$29,861.00	\$17,161,625.00	
6	2/12/10	15 Items; Electrical, Data, Natural Gas Piping, Fall Protection, Water Main Work and Credit, Mechanical Work, Permit Required Sanitary Vents	\$74,959.00	\$17,236,584.00	
7	3/11/10	Combination Motor Starters, Fuel/Oil Piping Modifications	\$18,576.00	\$17,255,160.00	
8	In Development	Perimeter Security System, Access Controls and Monitoring System Additions	Approximated at \$250,000.00		



DuPage Water Commission

PSC-04/08

Lexington Pumping Station

Division A – Generator Facility

Division B – Variable Frequency Drives

Progress Report #13

March 2010

Prepared by:

Dwayne Allen/Greeley and Hansen



GREELEY AND HANSEN



McDonough Associates Inc.
Engineers/Architects

April 7, 2010

Progress Report – March 2010

The following is a brief report of the progress achieved on the PSC-04/08 project at the Lexington Pumping Station for the month of March 2010.

I. Summary of Work Performed and Project Status

The PSC-04/08 project is progressing on schedule with the exception of the fuel tanks installation. As planned, the majority of the interior painting has been completed, the plumbing piping, electrical, and HVAC work has continued, and the Generator penthouses have been substantially completed. Equipment shutdowns were performed on 3/16 and 3/17 for measurements on both the incoming bus for MCC-A and MCC-B for new ComEd CT's. Benchmark vibration analyses were also performed on 3/30 and 3/31 on the existing pumps HLP-2 and LLP-10. Air handling units have been installed in both buildings including RTU's in the Electrical Building as well as unit heaters and exhaust fan in the Generator Building. Witness testing for the new AFD's was conducted in North Carolina. Photographs of March's progress can be found at the end of this report.

II. Project Progress

- Contract Commencement Date July 21, 2008
- Contract Duration 730 calendar days
 - Days Expended 618
- Approved Time Extensions
 - Generator Delivery Period 188 days
 - Contract Completion Date 92 days

- Revised Contract Duration 822 calendar days
 - Percent Completion 75.2%
- Final Completion Date October 21, 2010

III. Planned Work – April 2010

The Month of April will bring the start of the major electrical equipment work in the existing pumping station. Existing B-AFD-2 drive will be demolished and the space will be prepared for the new B-AFD-2 drive. Continuation of the plumbing, electrical, and HVAC work, and the start of scada work will be in this month. In addition, the witness testing for the new Generator Paralleling and Switchgear equipment is currently scheduled to start April 19th.



Progress Report – March 2010

IV. Construction Costs and Progress Payments

The following summary reflects activity through pay request #9 which is currently being processed for payment approval.

• Original Contract Price	\$ 17,209,000.00
• Approved Permit Related Change Orders	\$ 351,223.23
○ Permit Change Order Percentage	2.0%
• Approved Constructive Change Orders	-\$ 47,729.45
○ Constructive Change Order Percentage	-0.3%
• Revised Contract Price	\$ 17,512,493.78
• Completed to Date	\$ 8,229,931.94
• Percent Completed to Date	47%

V. Pending Action Items and Project Issues

A. *Paralleling and Switchgear Equipment Submittals*

Submittal response is expected back to the contractor in the 2nd week of April.

B. *B-AFD-1 Witness Test Observations*

During the witness testing for B-AFD-1, charring on the frame and a burned nameplate sticker were observed on and in the area of the unit's transformer. A blow torch was used to remove a bolt from the frame which was not standard practice for Eaton. A decision will be made in April to determine if the transformer needs to be replaced or needs to be tested to prove its functionality.

C. *Underground Fuel Storage Tanks*

Currently the underground fuel storage tank submittal has yet to receive an "approved" status. The resubmittal from the Contractor is expected in early April. A change order request for the permit required steel plates has been prepared for approval. To date, adjustments to the scheduled installation of the fuel tanks have not impacted the Project completion date; however, if the issues persist into April this could possibly impact the final completion date.



Progress Report – March 2010

Conduits and rooftop units in Electrical Building



Conduits in Generator Building



Progress Report – March 2010

Unit heaters and ductwork in Generator Building



Exhaust Fan and penthouse on top of Generator Building





DuPage Water Commission

PSC-05/08

Lexington Pumping Station

PHOTOVOLTAIC SYSTEM

Progress Report #8

March 2010

Prepared by:

Dwayne Allen/Greeley and Hansen



GREELEY AND HANSEN



McDonough Associates Inc.
Engineers/Architects

April 6, 2010

The following is a brief report of the progress achieved on the PSC-05/08 project at the Lexington Pumping Station for the month of March 2010.

I. Summary of Work Performed and Project Status

Progress for the PSC-05/08 project has been behind the approved schedule for the month of March, but this is not expected to negatively impact the overall completion date for the project. The Contractor is currently updating the progress schedule to reflect the current status. Work completed this past month includes installation of the pads for the Inverters and CT Metering Cabinet, and conduit routing for this equipment has been started in the Electrical Building. In addition, final leveling off of the Photovoltaic panels has begun. Photographs of March's progress can be found at the end of this report.

II. Project Progress

- Contract Commencement Date July 21, 2008
- Contract Duration 730 calendar days
 - Days Expended 618
 - Percent Time Complete 84.7%
- Approved Time Extension 0 days
- Final Completion Date July 21, 2010

III. Planned Work - April 2010

During the month of April, final leveling off of the rest of the Photovoltaic panels will be completed, installation of the inverters and CT meter cabinet in electrical building will begin, and cable installation from the reservoir wall to the inverters and meter cabinet will proceed.

IV. Construction Costs and Progress Payments

The progress payment summary is reflective of the installation milestone payment currently being processed.

- Original Contract Price \$ 7,996,000.00
- Approved Grant Change Orders \$ 250,000.00
- Approved Constructive Change Orders \$ 0.00
- Constructive Change Order Percentage 0.0%
- Revised Contract Price \$ 8,246,000.00
- Completed to Date \$ 6,646,800.00
- Percent Completed to Date 80.6%

V. Pending Action Items and Project Issues

A. Change order requests

A change order request for \$4,111.00 has been submitted by the Contractor for extending two 4-inch spare conduits from the common location shown in the contract plans to each of the inverters. The Engineer has reviewed the change order request and a recommendation is forthcoming soon.

A change order request has been submitted for the wireway for the PV panels on top of the reservoir and was rejected by the Engineer. The Contractor has since filed a notice of dispute. The Owner is currently reviewing the notice of dispute and a determination is forthcoming.



Conduits for Inverters and Meter Cabinet



Leveling of Panels



Electric Generation Facility & Office/Garage Expansion



DuPage Water Commission

600 E. Butterfield Road

Elmhurst IL 60126

PSD 7/08

Monthly Progress Report #15

March 2010

CDM



April 1, 2010

Mr. Chris Bostick
Facilities Construction Supervisor/Safety Coordinator
DuPage Water Commission
600 East Butterfield Rd.
Elmhurst, IL 60126

Subject: DuPage Water Commission
Electrical Generation Facility and Office/Garage Expansion
Monthly Construction Progress Report No. 15

Dear Mr. Bostick:

We herewith submit our Progress Report No. 15 for the construction of the Electrical Generation Facility and Office/Garage Expansion for the DuPage Pumping Station covering the one month period from March 1, 2010 through March 31, 2010.

1. *Overview and Status of the Work*

The Electrical Generation Facility and Office/Garage Expansion for the DuPage Pumping Station project consist of the renovation and expansion of the Existing Service Building in both the North and South directions. The North expansion is to create office space, the South expansion is to house four Standby 2500 kW Diesel Engine-Generators and the existing portion is to be the Electrical Room. Due to the conversion of the Existing Service Building a new Garage is to be built. Also, the existing Upper Parking Lot is to be relocated to the Northwest area of the site to allow for the installation of a covered parking structure. The project includes site piping, grading and pavement to accommodate the changes.

In the past month, Williams Brothers Construction, Inc. (WBCI) has continued installing the air intake plenum and began installing the generator radiator exhaust ductwork in the Generator Building. They also continued installing fire suppression and sprinkler piping. Additionally, the retaining walls and Covered Parking Structure were backfilled. WBCI continued painting the walls, doors, ceilings, conduit, piping and structural steel. They continued pulling and terminating cable and wire as well as installed several

lighting panels and transformers throughout the buildings. Also, installation of fuel and lube oil piping in the Day Tank Room was completed. They continued installing casework, doors and glazing throughout the buildings and installed tile flooring in the Bathrooms. Finally, they began placing concrete for the Lower Parking Lot.

2. *Scheduled Upcoming Work/April, 2010*

In the next month, Williams Brothers Construction, Inc. plans to continue painting the structural steel, doors, conduit, piping, ceilings and walls in the buildings. Electrical work will continue in the office, generator and existing service buildings with the installation of electrical equipment, cable and wire. The generator radiator exhaust ductwork installation will continue in the Generator Building along with the installation of the brick on the retaining walls and fence piers. Finally, WBCI will continue placing concrete for the Lower Parking Lot.

3. *Project Schedule*

The March 2010 Construction Schedule update indicates the project's final completion date remains on schedule.

Contract No. PSD-7/08

▪ Contract Execution Date	November 25, 2008
▪ Contract Duration (final Completion)	730 calendar days
▪ Time Expended	493 days
▪ Percent Time Complete	67.53%
▪ Approved Time Extensions	0 days
▪ Final Completion Date	November 24, 2010

4. *Construction Costs and Progress Payments*

Applications for Progress Payments have been submitted each month by Williams Brothers Construction, Inc. to commensurate with the work performed. The following is a summary of progress payments.

Contract No. PSD-7/08

▪ Original Contract Price	\$16,970,000.00
▪ Approved Change Orders	\$ 285,160.00

Mr. C. Bostick

April 1, 2010

Page 3

▪ Approved Change Order Percentage	1.68%
▪ Revised Contract Price	\$17,255,160.00
▪ Total Completed To Date	\$ 14,044,005.37
▪ Percent Completed To Date	81.39%

5. *Pending Action Items and Issues*

- A couple small potential change orders are pending.

Should you have any questions, please do not hesitate to call.

Very truly yours,

Robert J. Reid

Resident Engineer

Camp Dresser & McKee Inc.

cc: David D. Tucker, Jacquelyne Sanders

Mr. C. Bostick
April 1, 2010
Page 4



Parking Lot Progress



Retaining Wall and Covered Parking Structure Backfill

Mr. C. Bostick
April 1, 2010
Page 5



Cistern Installation

Mr. C. Bostick
April 1, 2010
Page 6



Locker Room