



DuPage Water Commission

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

AGENDA

ENGINEERING & CONSTRUCTION COMMITTEE
THURSDAY, JULY 19, 2012
6:30 P.M.

COMMITTEE MEMBERS

D. Loftus, Chair
R. Furstenau
F. Saverino
M. Scheck

600 EAST BUTTERFIELD ROAD
ELMHURST, IL 60126

- I. Roll Call
- II. Approval of Committee Meeting Minutes

RECOMMENDED MOTION: To approve the Minutes of the June 21, 2012 Engineering & Construction Committee Meeting of the DuPage Water Commission.

- III. Report of Status of Construction/Operations
- IV. R-26-12: A Resolution Approving a First Amendment to Task Order No. 27 under the Master Contract with AECOM USA, Inc.
- V. R-27-12: A Resolution Approving and Ratifying Certain Work Authorization Orders Under Quick Response Electrical Contract QRE-5/10
- VI. Purchase Order No. 14249 in the amount of \$80,963.70 to the Hach Company, Inc.
- VII. Discussion Items
- VIII. Old Business
- IX. Other
- X. Adjournment

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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, JUNE 21, 2012
600 EAST BUTTERFIELD ROAD
ELMHURST, ILLINOIS**

The meeting was called to order at 6:32 P.M.

Committee members in attendance: R. Furstenau, D. Loftus, F. Saverino (6:34 PM) and M. Scheck

Committee members absent: J. Zay (*ex officio*)

Also in attendance: R.C. Bostick, J. Schori, T. McGhee and J. Spatz (6:50PM).

Commissioner Scheck moved to approve the Minutes of the April 19, 2012 Engineering & Construction Committee Meeting of the DuPage Water Commission. Motion seconded by Commissioner Furstenau and passed as follows:

Ayes: R. Furstenau, M. Scheck and D. Loftus

Nays: None

Absent: F. Saverino

Facilities Construction Supervisor Bostick provided an oral report highlighting the Status of Operations report;

Facilities Construction Supervisor Bostick reported that with the recent weather all pumps were operating properly; that voluntary and requested electric utility load shedding has been instituted without any issues. It was also noted that the previous three day's average demand was approximately 120 MGD with the average peak demand being approximately 143 MGD.

Facilities Construction Supervisor Bostick advised that water conservation public service video is being developed for airing on public access television and local movie theaters in DuPage County. Commissioner Furstenau requested that the Board review and approve all content prior to its release. Operations Manager McGhee advised that the information intended for presentation had been previously vetted and approved by the Board but the video(s) would be provided to the Board as requested.

Facilities Construction Supervisor Bostick advised that staff continues to work on creating a secure portal for board members to access and download documents.

Regarding Contract MS-17/10, the second connection for the Village of Winfield, R-24-12 and R-25-12 appear on the agenda to 1) settle the excess engineering costs for the project via direct deduction of \$8,000.00 from the Contractor, Martam Construction Inc., remunerate the Engineer, AECOM, by increasing the cap on Task Order No. 10 by \$8,000.00, 2) provide final acceptance of the project, and limit the financial responsibility of the Village and Commission.

Regarding PSD-7, DPPS Electrical Generation facilities, Facilities Construction Supervisor Bostick informed the committee that the generator room intake air plenum work had been completed. It was also noted that the roof leak and HVAC issues are being contracted separately by the Engineer, CDM Smith, and their contractor (Autumn Construction Services) is in process of submitting equipment shop drawings and preparation to mobilize in July.

Regarding the DuPage County Steeple Run Service Area, Facilities Construction Supervisor Bostick advised that the contract with Airy's Inc. has been signed; the pre-construction conference and several progress meetings have been held. The Contract Completion date is November 27, 2012.

Regarding QRE-5.002, Facilities Construction Supervisor Bostick indicated that all work is complete and the final progress payment appears on the estimated accounts payable for June.

Regarding QRE-5.005, Facilities Construction Supervisor Bostick advised that several more electric services are in need of repair and several more may be forthcoming since these facilities are approaching 25 years in age. With respect to QRE-5.006, the Committee was advised that the electric service remedial work was done in advance of Board approval since the ROV is regarded as a critical facility. Both these items appear on the agenda as R-21-12. Staff has been in contact with DuPage County about the possibility of reimbursement as it is suspected the damage may have occurred during right-of way mowing operations.

Regarding R-22-12, Chairman Loftus noted that while the estimated cost of \$70,000 may seem abnormally high for the type of work normally brought forth for consideration under the Quick Response Contract, however when considering the work consists of thirty (30) distinct sites, the average cost per site seems more reasonable.

Regarding R-23-12, Commissioner Furstenau requested that since this action involved the termination of a contract, that this item be considered separately from all other Engineering items.

Commissioner Furstenau moved to recommend approval of item 7 under the Engineering Report section of the Commission Agenda, R-23-12. Seconded by Commissioner Scheck and unanimously approved by a Roll Call Vote:

Ayes: R. Furstenau, F. Saverino, M. Scheck and D. Loftus

Nays: None

Commissioner Furstenau moved to recommend approval of item numbers 4, 5, 6, 8 and 9 under the Engineering Report section of the Commission Agenda, all in a single group pursuant to the Omnibus Vote Procedures. Seconded by Commissioner Scheck and unanimously approved by a Roll Call Vote:

Engineering Omnibus Vote

- Ayes: R. Furstenau, M. Saverino, M. Scheck and D. Loftus
- Nays: None
- Item 4: O-8-12 – An Ordinance Determining the Prevailing Rate of Wages in DuPage County and Cook County
- Item 5: R-21-12 – A Resolution Approving and Ratifying Certain Work Authorization Orders Under Quick Response Electrical Contract QRE-5/10
- Item 6: R-22-12 – A Resolution Approving and Ratifying Certain Work Authorization Orders Under Quick Response Contract QR- 9/11
- Item 8: R-24-12 – A Resolution Approving and Authorizing the Execution of a Settlement Agreement with Martam Construction, Inc.
- Item 9: R-25-12 – A Resolution Approving a Third Amendment to Task Order No. 10 under the Master Contract with AECOM USA, Inc.

Under items for discussion, General Manager Spatz provided an oral report and history of a potential conflict with the Village of Lombard’s construction of a pedestrian bridge and the location of the Commission’s Northwest Transmission Main at St. Charles Road in the Village of Lombard:

The Village approached the Commission in 2010 to discuss their proposed project in relation to Commission facilities and the easements in which they are located. The Commission gave authorization to encroach on the Commission’s easement and also provided Drawings of Record for the 54” diameter water main. The Drawings of Record provided to the Village clearly state the drawing is for **informational purposes only** and if exact pipeline alignment or elevations are required test holes should be dug. The Village did not dig any test holes prior to finalizing their design and as a result the structural support for the pedestrian bridge is in conflict with the Commission’s pipeline. Additional engineering expense was incurred by the Village because they had to redesign after test holes were dug. General Manager Spatz further stated that the Commission heard about the additional cost from a newspaper article. In the article, Village Staff suggested the additional engineering expenses should be borne by the Commission due to providing erroneous information. The Commission will not consider reimbursement for costs incurred as a result of lack of due diligence on the part of the Village and its engineers to verify the location of underground utilities during the design stage of the project.

The Commission has been extremely corporative with the Village during this project. The Commission's willingness to assist the Village has gone so far as to permit construction of the improvements within the limits of its easement, even though under no obligation to do so. This action alone may have saved the Village a substantial amount of money in engineering and construction costs that would have no doubt been incurred for realignment of the trail.

General Manager Spatz advised the Committee that it is his intention to not enter into any dialogue with the Village regarding sharing the Village's excess engineering expenses. Construction work is ongoing under full time supervision of Commission staff.

Commissioner Saverino moved to adjourn the meeting at 7:03 P.M. Motion seconded by Commissioner Furstenau and passed unanimously as follows:

Ayes: R. Furstenau, F. Saverino, M. Scheck and D. Loftus

Nays: None



DuPage Water Commission

MEMORANDUM

TO: John Spatz
General Manager

FROM: Terry McGhee
Manager of Water Operations

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

DATE: July 13, 2012

SUBJECT: Status of Operations

Operations Overview

The Commission's sales for the month of June were a total of 3.402 billion gallons. This represents an average day demand of 113.4 million gallons per day (MGD), which is higher than the June 2011 average day demand of 83.0 MGD. The maximum day demand was 138.5 MGD on June 27, 2012, which is higher than the June 2011 maximum day demand of 101.9 MGD. The minimum day flow was 75.4 MGD. The Commission's recorded total precipitation for the month of June was 0.90 inches compared to 3.39 inches for June 2011. The level of Lake Michigan for June 2012 is 577.65 (Feet IGLD 1985) compared to 578.12 (Feet IGLD 1985) for June of 2011.

Water Conservation

On June 25, 2012, School and Community Assistance for Composting and Recycling Education (SCARCE) brought 25 DuPage County teachers to the Commission for a presentation on the history of the Commission as well as water conservation. They were given WCAPP informational pamphlets, rain gauges, leak detection tablets, and shower timers for their classrooms. They also toured the pumping station as well as the LEED certified generator building. A memo about their visit has been posted on preservingeverydrop.org.

Document Management

Staff is in the process of creating a secured board portal for Commissioners to view or search through Commission meeting materials, minutes, draft policies, by laws, and

procedures. Commissioners will be able to log in to the portal and download the current meeting materials as well as executive session materials.

Staff has created workflows that will be utilized through DocMinder, a Document Management add-on, for board preparation procedures as well as other procedural needs. Staff has fully implemented the DocMinder system and will continue to use the system for future board preparation.

Facilities Construction Overview

Contract PSD-7 DPPS Electrical Generation

Work to modify the supply air plenum in the generator building is complete. The intent of the modifications is to keep snow and rain from accumulating in the plenum and falling into the generator building. The chiller penthouse/roof roof leak and the office building HVAC modification work is being contracted and scheduled by the Engineer, CDM Smith. This work is underway.

DuPage County Service Areas

Steeple Run: The Contract has been awarded to Airy's Inc. The Contractor is submitting Shop Drawings. Excavation is expected to commence in mid July. The Contract Completion Date is November 27, 2012.

Approximate Project Expenditures as of 7/5/12: \$45,675.00

Approximate DuPage County Funding Deposit Balance as of 7/5/12: \$634,049.00

York Township: No Change: The Joint Facility Agreement was approved at the May Commission meeting. This intergovernmental agreement approved the design and construction of the joint facilities by DuPage County upon DuPage County's and the Commission's approval at several different phases or milestones. We are waiting on delivery of certain documentation from DuPage County prior to signing the agreement.

Instrumentation / Remote Facilities Overview

Monthly inspections of remote facilities are being completed on schedule while performing maintenance repairs as needed.

Staff continues upgrading the remote facilities light fixtures from T12 to T8 lamps and ballasts. Staff is investigating possible lighting rebate programs.

Contract QRE-5/10 (Quick Response Electrical Contract)

Work Authorization Order # QRE-5.005, to repair four electrical service entrance problems at meter stations is being scheduled.

Staff has received the final invoice for Work Authorization Order # QRE-5.006, to repair damage to the electrical service entrance to Remotely Operated Valve 24A in Woodridge. The invoice for the repairs (\$1,454.28) has been sent to the DuPage County Highway Department for potential reimbursement.

Work Authorization Order # QRE-5.007, to repair damage to the electrical service entrance to Remotely Operated Valve 7A in Darien appears on the July agenda as R-27-12. Due to ROV 7A being a critical facility, the work was performed and completed in advance of Board approval.

GIS

JULIE

Staff worked with the JULIE organization to analyze the costs of using various sized buffers around Commission pipelines to determine possible savings by changing the notification area from grid-based to a buffer polygon. Past practice has been to use grids which gave a distance of approximately 2,640 feet (i.e. ½ mile or one side of a quarter section) around each pipe because this was the only approach available. GIS technology allows a more granular approach whereby we can specify the exact distance from each pipe for which we are notified. Based on this a decision was made to size the buffer at 2,000 feet to be consistent at all locations. Due to a few areas where certain quarter sections were not included that perhaps should have been the result was an increase of about 560 acres of our actual JULIE area and a projected cost increase of about \$1,400. The plan is to reevaluate the situation in a year to see if an additional buffer size reduction is warranted. Infor EAM

Staff attended a webinar demo of Infor EAM Advance Mobile with the Apple iPad. The application appears to be more hi-tech and user friendly than the currently used hand held devices. However, the app is not fully developed yet and has a small user base so it would be premature to consider implementing it at this time.

Capital budget information was added to Infor EAM so costs can be tracked against purchase orders as is done with operating expenses. Also, a custom Over Budget check box was added to Infor requisitions to alert users if and when an expense would cause an account to be over budget. It's expected that this will be a little used feature but it's intended to provide an additional tool for budget management.

Pipeline Construction Overview

Contract VSR-1/11

Installations are in progress and we expect to complete work at all 230 locations by June 1, 2013. To date competition is approximately 24%.

Contracts TOB-7/12 and TS-8/12---Corrosion Mitigation Work on the Outer Belt and South Transmission Mains

The projects will be advertised beginning on July 16th. The bid openings will be held on August 6th, and award of the contracts is expected at the August Commission meeting.

Contract QR-9 (Quick Response Contract)

Work Authorization Order #4 (The adjustment of 6 manhole frames and lids on Bloomingdale/ Roselle Road) is expected to begin in mid July.

Work Authorization Order #5 (The adjustment of 30 manhole frame at various locations throughout DuPage County) is expected to begin in mid July.

Operations Construction and Maintenance OverviewHVAC

A non-repairable compressor was replaced on Administration Building chillers.

Underground Storage Tanks

Staff is scheduling federal regulatory training for appropriate employees responsible for operation and maintenance of underground storage tanks.

Landscape Conversion

The second of a three year Landscape Conversion project at the DuPage Pumping is in process. Conversion from turf to native and no-mow grass was completed during the 2011 growing season. Service throughout the 2012 season will include routine stewardship visits to control emerging invasive plants, fertilization, and weed control as needed throughout the growing season.

JULY 2012 COMMISSION AGENDA ITEMS:

R-26-12 A Resolution Approving Change Order No. 1 to Task Order No. 27 Under the Master Contract with AECOM USA, Inc.

R-27-12 A Resolution Approving and Ratifying Certain Work Authorization Orders Under Quick Response Electrical Contract QRE-5/10

Attachments:

1. DuPage Laboratory Bench Sheets for June, 2012
2. Water Sales Analysis 01-June-09 to 30-June- 2012

DUPAGE WATER COMMISSION LABORATORY BENCH SHEET
MONTHLY REPORT FOR JUNE 2012

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	0.91	0.11	0.53	0.81	0.10	60	7.7	1.0	0.52	0	CT
2	0.93	0.10	0.50	0.80	0.09	60	7.7	1.0	0.53	0	CT
3	0.96	0.10	0.49	0.85	0.08	58	7.6	1.0	0.49	0	CT
4	0.92	0.09	0.54	0.81	0.09	60	7.6	1.1	0.54	0	AM
5	0.93	0.10	0.53	0.84	0.10	60	7.6	1.1	0.48	0	CT
6	0.91	0.09	0.48	0.83	0.10	60	7.6	1.0	0.47	0	CT
7	0.91	0.10	0.54	0.87	0.11	62	7.6	1.0	0.49	0	CT
8	0.89	0.11	0.48	0.85	0.10	63	7.6	1.0	0.50	0	JU
9	0.94	0.10	0.46	0.88	0.09	63	7.6	1.1	0.50	0	JU
10	0.96	0.10	0.50	0.82	0.10	64	7.6	1.0	0.50	0	CT
11	0.94	0.11	0.54	0.90	0.11	66	7.6	1.0	0.48	0	CT
12	0.96	0.09	0.52	0.87	0.10	65	7.6	1.0	0.53	0	AM
13	0.91	0.11	0.48	0.84	0.11	65	7.7	1.0	0.49	0	AM
14	0.92	0.10	0.47	0.89	0.10	65	7.7	1.0	0.49	0	KD
15	0.96	0.11	0.47	0.89	0.10	65	7.7	1.0	0.48	0	AM
16	0.94	0.10	0.50	0.87	0.10	66	7.7	1.1	0.50	0	AM
17	0.92	0.10	0.48	0.82	0.11	68	7.7	1.1	0.50	0	KD
18	0.96	0.10	0.47	0.83	0.10	68	7.7	1.1	0.50	0	KD
19	0.91	0.10	0.49	0.81	0.09	68	7.7	1.1	0.52	0	AM
20	0.93	0.10	0.48	0.82	0.11	68	7.7	1.1	0.49	0	AM
21	0.93	0.09	0.54	0.90	0.10	68	7.7	1.1	0.52	0	AM
22	0.94	0.09	0.51	0.89	0.10	65	7.7	1.0	0.54	0	KD
23	0.94	0.10	0.52	0.84	0.11	65	7.7	1.0	0.52	0	KD
24	0.91	0.10	0.51	0.90	0.10	67	7.7	1.1	0.52	0	AM
25	0.93	0.10	0.54	0.83	0.09	67	7.7	1.1	0.53	0	AM
26	0.92	0.09	0.53	0.85	0.10	67	7.6	1.1	0.51	0	KD
27	0.96	0.09	0.50	0.88	0.10	68	7.6	1.0	0.51	0	KD
28	0.90	0.10	0.52	0.86	0.10	69	7.7	1.1	0.51	0	KD
29	0.91	0.09	0.54	0.87	0.10	68	7.7	1.1	0.53	0	AM
30	0.92	0.11	0.51	0.85	0.10	70	7.6	1.1	0.51	0	KD
31											
AVG	0.93	0.10	0.51	0.85	0.10	65	7.7	1.1	0.51	0	
MAX	0.96	0.11	0.54	0.90	0.11	70	7.7	1.1	0.54	0	
MIN	0.89	0.09	0.46	0.80	0.08	58	7.6	1.0	0.47	0	



Terrance McGhee
Manager of Water Operations

DU PAGE WATER COMMISSION
WATER SALES ANALYSIS

01-May-92 TO 30-Jun-12

PER DAY AVERAGE 81,058,483

MONTH	SALES TO CUSTOMERS (GALLONS)	PURCHASES FROM CHICAGO (GALLONS)	GALLONS BILLED %	BILLINGS TO CUSTOMERS	BILLINGS FROM CHICAGO	DOCUMENTED COMMISSION WATER USE (2)	DOCUMENTED COMMISSION WATER USE %	TOTAL ACCOUNTED FOR %	DWC OPER. & MAINT. RATE (3)	CHGO RATE
May-10	2,493,442,000	2,546,177,057	97.93%	\$4,587,933.28	\$5,105,085.00	1,951,633	0.08%	98.01%	\$1.84	\$2.005
Jun-10	2,379,251,000	2,435,768,080	97.68%	\$4,377,821.84	\$4,883,715.00	1,052,920	0.04%	97.72%	\$1.84	\$2.005
Jul-10	2,977,683,000	3,048,231,920	97.69%	\$5,478,936.72	\$6,111,705.00	1,342,710	0.04%	97.73%	\$1.84	\$2.005
Aug-10	2,867,253,000	2,924,004,988	98.06%	\$5,275,745.52	\$5,862,630.00	930,281	0.03%	98.09%	\$1.84	\$2.005
Sep-10	2,525,751,000	2,588,259,352	97.58%	\$4,647,381.84	\$5,189,460.00	1,085,300	0.00%	97.58%	\$1.84	\$2.005
Oct-10	2,394,743,000	2,449,952,618	97.75%	\$4,406,327.12	\$4,912,155.00	1,143,788	0.05%	97.79%	\$1.84	\$2.005
Nov-10	2,044,476,000	2,079,920,200	98.30%	\$3,761,835.84	\$4,170,240.00	955,414	0.05%	98.34%	\$1.84	\$2.005
Dec-10	2,173,930,000	2,196,014,963	98.99%	\$4,000,031.20	\$4,403,010.00	943,234	0.04%	99.04%	\$1.84	\$2.005
Jan-11	2,176,905,000	2,203,802,993	98.78%	\$4,005,505.20	\$4,418,625.00	6,094,505	0.28%	99.06%	\$1.84	\$2.005
Feb-11	1,960,872,000	1,992,314,214	98.42%	\$3,608,004.48	\$3,994,590.00	3,351,469	0.17%	98.59%	\$1.84	\$2.005
Mar-11	2,084,629,000	2,119,930,175	98.33%	\$3,835,717.36	\$4,250,460.00	875,189	0.00%	98.33%	\$1.84	\$2.005
Apr-11	2,032,022,000	2,050,900,249	99.08%	\$3,738,920.48	\$4,112,055.00	674,574	0.03%	99.11%	\$1.84	\$2.005
May-11	2,342,971,000	2,384,648,379	98.25%	\$4,779,660.84	\$4,781,220.00	603,990	0.03%	98.28%	\$2.04	\$2.005
Jun-11	2,467,779,000	2,526,763,092	97.67%	\$5,034,118.96	\$5,066,160.00	700,540	0.03%	97.69%	\$2.04	\$2.005
Jul-11	3,211,413,000	3,276,142,145	98.02%	\$6,551,276.72	\$6,568,665.00	1,090,800	0.03%	98.06%	\$2.04	\$2.005
Aug-11	2,733,016,000	2,779,503,741	98.33%	\$5,575,352.64	\$5,572,905.00	792,559	0.03%	98.36%	\$2.04	\$2.005
Sep-11	2,486,823,000	2,533,174,564	98.17%	\$5,073,028.92	\$5,079,015.00	1,078,701	0.04%	98.21%	\$2.04	\$2.005
Oct-11	2,206,656,398	2,249,745,636	98.08%	\$4,501,579.05	\$4,510,740.00	681,023	0.03%	98.11%	\$2.04	\$2.005
Nov-11	1,986,038,000	2,012,618,454	98.68%	\$4,051,517.52	\$4,035,300.00	850,000	0.04%	98.72%	\$2.04	\$2.005
Dec-11	2,046,708,000	2,072,416,459	98.76%	\$4,175,284.32	\$4,155,195.00	974,459	0.05%	98.81%	\$2.04	\$2.005
Jan-12	2,073,584,000	2,111,472,876	98.21%	\$5,660,884.32	\$5,293,462.50	978,662	0.05%	98.25%	\$2.73	\$2.507
Feb-12	1,926,054,000	1,974,613,582	97.54%	\$5,258,127.42	\$4,950,356.25	923,283	0.05%	97.59%	\$2.73	\$2.507
Mar-12	2,006,949,000	2,047,616,673	98.01%	\$5,478,970.77	\$5,133,375.00	1,394,581	0.07%	98.08%	\$2.73	\$2.507
Apr-12	2,020,132,000	2,067,114,579	97.73%	\$5,514,960.36	\$5,182,256.00	1,425,448	0.07%	97.80%	\$2.73	\$2.507
May-12	2,571,924,000	2,631,095,433	97.75%	\$7,021,352.52	\$6,596,156.25	845,168	0.03%	97.78%	\$2.73	\$2.507
Jun-12	3,400,363,000	3,498,823,295	97.19%	\$9,282,990.99	\$8,771,550.00	1,375,200	0.04%	97.23%	\$2.73	\$2.507
TOTALS (1)	597,076,781,798	613,944,208,799	97.25%	\$831,275,954.70	\$791,782,757.53	599,466,081	0.10%	97.35%	\$1.39	\$1.290

(1) - SINCE MAY 1, 1992

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

(3) - DOES NOT INCLUDE FIXED COST PAYMENTS

Note: Remember to change date in E2 to current date
Insert row and copy 271 to new row. Remove ' from the formula.

YTD										
Jun-11	4,810,750,000	4,911,411,471	97.95%	\$ 9,813,780	\$ 9,847,380				\$2.04	\$2.005
Jun-12	5,972,287,000	6,129,918,728	97.43%	\$ 16,304,344	\$ 15,367,706				\$2.73	\$2.507
	1,161,537,000	1,218,507,257		\$6,490,563.71	\$ 5,520,326.25					
	24.14%	24.8%		66.1%	56.1%					
Month										
Jun-11	2,467,779,000	2,526,763,092	97.67%	\$ 5,034,119	\$ 5,066,160				\$2.04	\$2.005
Jun-12	3,400,363,000	3,498,823,295	97.19%	\$ 9,282,991	\$ 8,771,550				\$2.73	\$2.507
	932,584,000	972,060,203		\$ 4,248,872.03	\$ 3,705,390.00					
	37.8%	38.5%		83.9%	73.6%					
jun > may	828,439,000	867,727,862								