

**OPERATORS ROUND TABLE
DU PAGE PUMPING STATION
October 21, 2016
9:00 AM**

Status of DuPage Water Commission

The Commission's sales for the month of September were a total of 2.4 billion gallons. This represents an average day demand of 79.0 million gallons per day (MGD), which is higher than the September 2015 average day demand of 78.0 MGD. The maximum day demand was 90.7 MGD recorded on September 20, 2016, which is higher than the September 2015 maximum day demand of 90.0 MGD. The minimum day flow was 69.9 MGD.

The Commission's recorded total precipitation for the month of September was 1.8 inches compared to 4.6 inches for September 2015. The level of Lake Michigan for September 2016 is 580.0 (Feet IGLD 1985) compared to 579.7 (Feet IGLD 1985) for September of 2015

Water Conservation

Ongoing: Staff is working with SCARCE to earn their Earth Flag. The process consists of a green audit, staff training in recycling and conservation, an action that involves the Commission in the community (i.e. a book drive, cleaning a creek, adopting a highway, etc.), and finally presenting the Earth Flag to the Board Members. Staff has completed the green audit and is working with SCARCE to set up a date for staff training

Wireless Data Project

The commission has installed a wireless network throughout the facility that will be used to help increase the efficiency of its EAM system.

Office 365

The Commission has migrated to Office 365. This move has allowed the Commission to eliminate the on-site Exchange server and improve reliability for most email activities.

Pipeline Maintenance

Vacuum Excavation and Thermite Welding work was completed on October 14th.

Butterfield Rd. and Fairfield Ave. valve replacement work is scheduled to commence on October 17th. Work is expected to be completed and the main returned to service during the week of October 24th.

Staff continues work on cathodic protection test station installations along several transmission main routes.

Staff continues collecting cathodic protection test point data.

The amount of \$26,795.71 payable to The Village of Addison appears on the October Accounts Payable to reimbursement the Village for costs incurred to repair the Commission's pipeline downstream of Meter Station 1D. Addison, believing they had a leak in their system, initiated the repair work through the Village's contractor. Once exposed and the source of the leak was determined to be the Commission's responsibility as defined under the Commission's Water Purchase and Sales Contract. Rather than suspend the work and mobilize a Commission contractor to finish the repair, Village of Addison Staff and Commission Staff agreed to continue repair work with the Village's contractor with the costs associated being reimbursed by the Commission.

Instrumentation / Remote Facilities Overview

Quick Response Electrical Contract QRE-7/15

Installation of a new security system hardware to monitor the reservoir hatches is complete. The programming modifications of the front end computer graphics and point definitions are being scheduled with the security system contractor.

Work Order Authorization No. 9 is ongoing. This work order allows for the reinstallation of electrical equipment necessary to operate the valve remotely. The work generally includes: the coring holes in vault wall; installation of conduits and boxes; installation of power, control, and SCADA wiring; installation of fixtures; and the installation of instrumentation.

Tests of the integrity of the fiber optic cable between the Pumping Station/Administration Building and the Sodium Hypochlorite Building revealed several dysfunctional fibers. Staff is working on developing the means and methods to remedy the problem.

Condition Assessment

The Commission completed the condition assessment of the DPPS West Reservoir and Storm Water Detention Tank. Some minor silt accumulation was found but there were no major or structural issues identified.

The Commission plans to continue evaluating various methods of determining the condition of its pipelines.

Facility Construction

Storage System Improvements

The Contract for the Rehabilitation of Coating Systems and Fall Protection Systems for Tank Sites No. 1 and No. 4 East (Contract SS-7/16) with Era-Valdivia Contractors, Inc. is ongoing. Standpipe No. 1 in Roselle is completed and the Contractor continues work at Standpipe No. 4E in Lisle Township by performing finish coating work and re-installing ancillary items. The Contract Completion Date is November 4th.

DuPage Pumping Station

The Masonry Rehabilitation and Window Replacement at the DuPage Pumping Station is ongoing. The exterior masonry work is nearing completion and the interior structural glazed tile work is underway. The window replacement work is still two months away.

Security

The Commission is continuing to update its Emergency Response Plan (ERP) and its Vulnerability Assessment as our system grows.

It is imperative that all Commission's padlocks at the metering stations are not locked out of the loops. The Water Purchase Agreement requires the Commission to have access to all metering stations at any time.

Winter Operations

With the summer demand around the corner, we need to start thinking about winter operations.

Make sure to keep the water moving in your elevated tanks to prevent any water quality problems.

Make sure the overflow drains and vents are clean and drain properly to prevent any freezing problems.

You cannot exceed the 1.7 times allocation.

You must take water at a constant rate.

Manhole lids are in place

Catch basins are clean

Meter Testing

Annual Customer Meter Calibration Program

The annual customer meter testing program is underway and is approximately 17% complete.

Rick Nolan Meter Technician and should be contacted with any questions or concerns.

The Commission is available to test the large customer meters. We can test 6" 8" and 10" turbine meters. Please contact John Schori at (630) 834-0100 if you have any questions concerning this service.

The Commission has installing 4 different magnetic flow meters in different Naperville meter stations. The Commission will compare meter readings for approximately a year before deciding which manufacture will be selected.

Regulations

Lead and Copper due in 2017

Water Quality

The Commission is not feeding chlorine at this time.

The City of Chicago has lowered its Fluoride feed rate to reach the new 0.7 mg/l recommendation.

Water Rates

Water rate for 2016 \$4.80/1000 gallons

O&M \$4.80/1000 gallons

Other

The Commission invites you to view all Committee and Commission Agendas which can be found on our website at www.dpwc.org.

Please contact the Commission with any changes in water department personnel, phone and/or pager numbers. This is an important part of our ERP for system emergency purposes.

Please provide the Commission with a valid e-mail address. All meeting minutes will be distributed via e-mail.

The next Operators Round Table will be October 21, 2016 at 9:00 A.M. or before if events warrant.

AWWA

10/24/16 Microsoft Office 365: What's all the buzz about? Webinar IEPA#11006

10/24/2016

Time: 12:00 pm

Illinois Water Resource Center - Illinois Water Conference

10/26/2016 » 10/27/2016

10/27/16 - Water Operator Exam Refresher for Class A & B (Elgin) IEPA#10010

10/27/2016

Location: Elgin, Illinois Time: Registration at 7:30 AM

Goetz Island Brewery Pub Tour

10/28/2016

Location: Chicago, Illinois Time: 6:30 pm

11/09/16-11/10/16 - Disaster Management for Water/Wastewater Utilities (Elmhurst) IEPA#99816

11/9/2016 » 11/10/2016

Location: Elmhurst, Illinois Time: Registration at 7:30 AM

11/16 & 11/17 - Water Operator Exam Refresher for Class C & D (Evanston) IEPA #9984

11/16/2016 » 11/17/2016

Location: Evanston, Illinois Time: Registration at 7:30 AM, Class at 8:00

11/22/16 - Energy Savings through Valve Selection (Addison) IEPA #10800

11/22/2016

Location: Addison, Illinois Time: Registration begins at 7:30am

12/06/16- Safety Summit (Arlington Heights) IEPA #10562

12/6/2016

Location: Arlington Heights, Illinois Time: Registration begins at 8:00

12/07/16 - Water Operator Exam Refresher for Class A & B (Evanston) IEPA #10012

12/7/2016 » 12/8/2016

Location: Evanston, Illinois Time: Registration at 7:30 AM, Class at 8:00

01/11/17 - 03/08/17 - Water Distribution System O&M 8-week Night Class (Westmont) IEPA #10561

1/11/2017 » 3/8/2017

Location: Westmont, Illinois Time: Registration at 6:00 pm; Class from 6:30-8:30 pm

Questions & Answers

If you have any comments concerning these issues or would like to have a topic discussed at the next Round Table Meeting, please feel free to email me at mcghee@dpwc.org.

Handouts:

1. DuPage Laboratory Bench Sheet for July, 2016, August, 2016, and September, 2016.
2. IPRF The importance of Safety Programs September Issue

Operations/Minutes/Ort161021.doc

OPERATORS ROUND TABLE

Village of Addison

Stuart Mcleod
Jim Russo

Village of Itasca

Absent

Argonne National Laboratory

John Daum

Village of Lisle

Absent

Village of Bensenville

Absent

Village of Lombard

Brian Jack
Luke Sharp

Village of Bloomingdale

Absent

City of Naperville

Pat O'Malley
Amy Ries
Adam Jasinski

Village of Carol Stream

Marty Zamecnik
Brian Evans

Village of Oak Brook

Absent

Village of Clarendon Hills

Absent

City of Oakbrook Terrace

Absent

City of Darien

Kris Throm

Village of Roselle

Mike Schulz

City of Downers Grove

David Moody

Village of Villa Park

Tom Venchus

County of DuPage

Jim Joers

Village of Westmont

Brian Beusse
Dan Chorney

City of Elmhurst

Absent

Village of Glendale Heights

Roman Corsireo

Village of Glen Ellyn

Absent

Village of Hinsdale

Absent

Illinois American Water Works Company

Absent

City of Wheaton

Al McMillen

Village of Willowbrook

Absent

Village of Winfield

Absent

City of Wood Dale

Absent

Village of Woodridge

Adsent

DUPAGE WATER COMMISSION LABORATORY BENCH SHEET
MONTHLY REPORT FOR JULY 2016

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	0.83	0.08	0.54	0.88	0.09	71	7.5	0.7	0.55	0	AM
2	0.82	0.09	0.57	0.88	0.09	71	7.5	0.8	0.53	0	AM
3	0.80	0.09	0.55	0.89	0.09	71	7.5	0.8	0.53	0	KD
4	0.82	0.08	0.53	0.89	0.09	69	7.5	0.7	0.56	0	AM
5	0.83	0.09	0.58	0.88	0.09	69	7.5	0.7	0.55	0	AM
6	0.82	0.09	0.53	0.86	0.09	69	7.5	0.7	0.57	0	KD
7	0.84	0.09	0.59	0.85	0.09	70	7.6	0.7	0.56	0	KD
8	0.90	0.09	0.52	0.89	0.10	70	7.5	0.7	0.54	0	KD
9	0.91	0.09	0.59	0.90	0.09	70	7.5	0.7	0.53	0	KD
10	0.99	0.09	0.58	1.00	0.09	69	7.6	0.7	0.59	0	KD
11	0.98	0.08	0.53	1.05	0.10	69	7.6	0.7	0.56	0	RC
12	0.98	0.08	0.55	1.05	0.10	68	7.5	0.8	0.57	0	RC
13	0.97	0.09	0.52	0.96	0.10	68	7.5	0.7	0.57	0	RC
14	0.99	0.08	0.54	0.98	0.09	68	7.4	0.7	0.54	0	CT
15	0.99	0.08	0.57	0.94	0.09	68	7.5	0.8	0.54	0	CT
16	1.00	0.08	0.55	0.92	0.09	68	7.5	0.7	0.56	0	RC
17	0.99	0.08	0.56	0.97	0.09	68	7.5	0.7	0.56	0	RC
18	1.00	0.10	0.55	0.95	0.09	68	7.5	0.7	0.56	0	CT
19	0.98	0.08	0.55	0.93	0.09	68	7.5	0.7	0.55	0	CT
20	0.96	0.09	0.57	0.95	0.09	68	7.6	0.7	0.57	0	RC
21	0.99	0.09	0.59	0.97	0.09	68	7.5	0.7	0.54	0	RC
22	1.01	0.09	0.59	0.96	0.09	68	7.5	0.7	0.57	0	RC
23	0.98	0.08	0.58	0.97	0.10	68	7.5	0.7	0.57	0	CT
24	1.00	0.08	0.58	0.99	0.10	68	7.5	0.7	0.56	0	CT
25	1.08	0.09	0.54	0.99	0.09	68	7.6	0.8	0.52	0	RC
26	1.09	0.09	0.58	1.06	0.10	68	7.5	0.7	0.56	0	RC
27	1.00	0.08	0.55	1.00	0.09	69	7.5	0.7	0.57	0	CT
28	0.97	0.08	0.58	1.00	0.08	69	7.5	0.7	0.58	0	CT
29	0.10	0.08	0.53	1.00	0.09	68	7.5	0.7	0.53	0	CT
30	1.09	0.09	0.56	0.97	0.09	68	7.5	0.8	0.56	0	RC
31	1.10	0.10	0.57	1.04	0.10	68	7.5	0.8	0.57	0	RC
AVG	0.93	0.09	0.56	0.95	0.09	69	7.5	0.7	0.56	0	
MAX	1.10	0.10	0.59	1.06	0.10	71	7.6	0.8	0.59	0	
MIN	0.10	0.08	0.52	0.85	0.08	68	7.4	0.7	0.52	0	


Terrance McGhee
Manager of Water Operations

DUPAGE WATER COMMISSION LABORATORY BENCH SHEET
MONTHLY REPORT FOR AUGUST 2016

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	1.00	0.10	0.53	1.00	0.09	69	7.4	0.7	0.57	0	CT
2	0.97	0.09	0.54	1.00	0.09	68	7.5	0.8	0.60	0	CT
3	1.10	0.11	0.56	1.10	0.11	69	7.5	0.7	0.60	0	RC
4	0.98	0.11	0.57	1.10	0.11	69	7.5	0.7	0.59	0	RC
5	1.04	0.10	0.56	1.08	0.11	68	7.5	0.7	0.57	0	RC
6	0.99	0.09	0.57	1.10	0.09	68	7.5	0.8	0.55	0	AM
7	1.00	0.08	0.52	1.11	0.08	67	7.5	0.7	0.53	0	AM
8	0.99	0.08	0.53	1.08	0.09	67	7.5	0.7	0.53	0	KD
9	0.94	0.10	0.58	1.04	0.11	67	7.5	0.7	0.60	0	KD
10	0.97	0.10	0.56	1.05	0.09	67	7.4	0.7	0.56	0	AM
11	0.99	0.12	0.54	1.00	0.11	67	7.4	0.8	0.54	0	AM
12	1.00	0.12	0.52	1.12	0.12	67	7.5	0.7	0.53	0	AM
13	1.00	0.11	0.53	1.13	0.11	66	7.5	0.7	0.55	0	KD
14	1.10	0.08	0.58	1.13	0.09	66	7.5	0.7	0.59	0	KD
15	0.99	0.09	0.56	1.11	0.10	65	7.5	0.7	0.58	0	AM
16	0.97	0.10	0.56	1.00	0.09	65	7.5	0.7	0.58	0	RC
17	1.00	0.10	0.56	1.14	0.09	64	7.5	0.7	0.59	0	KD
18	0.96	0.09	0.55	1.12	0.09	64	7.5	0.7	0.60	0	KD
19	1.00	0.10	0.57	1.00	0.10	64	7.5	0.8	0.59	0	KD
20	0.94	0.09	0.59	1.00	0.11	64	7.4	0.7	0.54	0	AM
21	0.97	0.09	0.58	1.13	0.10	64	7.5	0.7	0.53	0	KD
22	1.01	0.08	0.58	1.10	0.11	64	7.5	0.7	0.60	0	KD
23	1.01	0.10	0.60	1.12	0.10	64	7.5	0.8	0.59	0	KD
24	0.98	0.09	0.57	1.12	0.10	64	7.5	0.7	0.59	0	AM
25	1.00	0.09	0.58	1.00	0.10	64	7.5	0.8	0.57	0	AM
26	1.01	0.08	0.57	1.13	0.11	62	7.5	0.7	0.58	0	AM
27	1.08	0.09	0.57	1.10	0.10	64	7.5	0.7	0.57	0	KD
28	1.08	0.09	0.57	1.14	0.10	63	7.5	0.7	0.59	0	KD
29	1.09	0.08	0.58	1.15	0.10	62	7.4	0.7	0.55	0	AM
30	1.06	0.08	0.59	1.15	0.10	62	7.4	0.7	0.56	0	AM
31	1.00	0.09	0.58	1.14	0.11	61	7.4	0.7	0.57	0	KD
AVG	1.01	0.09	0.56	1.09	0.10	65	7.5	0.7	0.57	0	
MAX	1.10	0.12	0.60	1.15	0.12	69	7.5	0.8	0.60	0	
MIN	0.94	0.08	0.52	1.00	0.08	61	7.4	0.7	0.53	0	



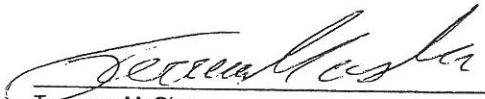
Terrance McGhee
Manager of Water Operations

DUPAGE WATER COMMISSION LABORATORY BENCH SHEET
MONTHLY REPORT FOR SEPTEMBER 2016

LEXINGTON SUPPLY

DUPAGE DISCHARGE

DAY	FREE CL ₂	TURBIDITY	PO ₄	FREE CL ₂	TURBIDITY	TEMP	pH	Fluoride	PO ₄	P.A.C.	ANALYST
	mg/l	NTU	mg/l	mg/l	NTU	°F			mg/l	LBS/MG	INT
1	1.01	0.10	0.59	1.01	0.09	60	7.3	0.7	0.58	0	KD
2	0.99	0.11	0.57	1.00	0.10	61	7.3	0.7	0.59	0	KD
3	1.00	0.10	0.52	1.05	0.09	60	7.4	0.8	0.56	0	CT
4	0.99	0.10	0.52	1.00	0.10	58	7.3	0.7	0.57	0	CT
5	1.01	0.10	0.55	1.12	0.10	58	7.4	0.7	0.54	0	RC
6	1.08	0.11	0.55	1.10	0.10	56	7.4	0.8	0.58	0	RC
7	1.10	0.10	0.54	1.13	0.11	56	7.5	0.7	0.59	0	CT
8	1.10	0.09	0.53	1.13	0.10	58	7.4	0.7	0.65	0	CT
9	1.10	0.09	0.51	1.00	0.10	58	7.4	0.7	0.57	0	CT
10	1.10	0.10	0.56	1.13	0.08	59	7.4	0.7	0.56	0	RC
11	1.15	0.10	0.54	1.08	0.09	58	7.4	0.7	0.54	0	RC
12	1.10	0.09	0.55	1.10	0.11	58	7.4	0.7	0.58	0	CT
13	1.10	0.09	0.55	1.12	0.10	58	7.5	0.7	0.58	0	CT
14	1.10	0.10	0.55	1.12	0.08	58	7.4	0.8	0.58	0	RC
15	1.10	0.11	0.56	1.17	0.09	58	7.4	0.7	0.55	0	RC
16	1.06	0.11	0.54	1.09	0.08	56	7.5	0.8	0.55	0	RC
17	0.99	0.09	0.58	1.02	0.10	58	7.4	0.8	0.58	0	RC
18	0.99	0.09	0.56	1.00	0.10	58	7.4	0.8	0.58	0	KD
19	1.13	0.10	0.55	1.14	0.09	52	7.4	0.7	0.55	0	RC
20	1.10	0.11	0.53	1.17	0.10	53	7.4	0.8	0.54	0	RC
21	1.10	0.09	0.53	1.10	0.09	52	7.4	0.7	0.55	0	CT
22	1.10	0.11	0.54	1.00	0.09	52	7.4	0.8	0.51	0	CT
23	1.10	0.11	0.54	1.10	0.09	50	7.4	0.8	0.61	0	CT
24	1.17	0.10	0.54	1.12	0.09	49	7.4	0.8	0.53	0	RC
25	1.10	0.11	0.54	1.16	0.09	49	7.4	0.8	0.54	0	RC
26	1.10	0.10	0.54	1.18	0.08	49	7.5	0.8	0.53	0	RC
27	1.11	0.10	0.54	1.00	0.09	49	7.5	0.8	0.54	0	CT
28	1.10	0.10	0.53	1.14	0.09	60	7.4	0.8	0.56	0	RC
29	1.13	0.10	0.53	1.11	0.08	61	7.4	0.8	0.54	0	RC
30	1.06	0.10	0.54	1.13	0.09	62	7.4	0.8	0.53	0	RC
31										0	
AVG	1.08	0.10	0.54	1.09	0.09	56	7.4	0.8	0.56	0	
MAX	1.17	0.11	0.59	1.18	0.11	62	7.5	0.8	0.65	0	
MIN	0.99	0.09	0.51	1.00	0.08	49	7.3	0.7	0.51	0	



Terrance McGhee
Manager of Water Operations

The Importance of Safety Programs & Safety Training

Why is it important to have safety policies, procedures, and safety and health programs in place; and to conduct safety training to address safety hazards within your workplace?

First of all, let's talk about the obvious: It is important to provide safety and health training to your employees to provide a safe working environment for everyone in every situation. Safety training is the basic responsibility of all employers when it comes to preventing employee accidents and resulting injuries. Written safety policies, procedures, and documented training logs should be maintained to address safety exposures to your employees.



Secondly, Illinois OSHA (IDOL) has been stepping up visits and inspections to public entities. Within the past two years, IPRF has received several calls from our Members, telling us that they "just received a visit from Illinois OSHA

(IDOL), please help us with compliance." As a result of the OSHA inspections, most of what we were hearing from the IPRF Membership consisted of minor compliance issues which were easily handled.

We tell you all of this because not all organizations are the same. The following situation occurred to an organization in Illinois (Note: This organization is not an IPRF Member):

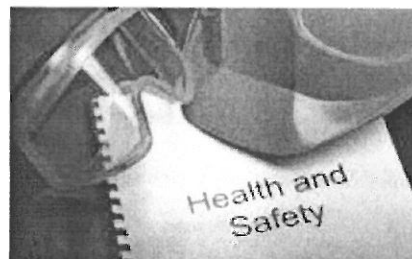
A safety and health complaint filed against an emergency medical service provider resulted in an OSHA inspection. Inspectors found workers were exposed to Bloodborne pathogens and other hazards. Other violations included failing to: establish an exposure control plan for Bloodborne pathogens and other infectious material; offer hepatitis B vaccination to workers; and train workers about chemical and Bloodborne pathogen hazards and precautions. The company was cited with five willful, sixteen serious and three other-than-serious violations and proposed \$290,100 in penalties.

The goal of the IPRF Loss Control Team is to assist you with your safety awareness efforts to reduce/eliminate hazardous exposures to your employees. We also do not want your organization to experience a negative Illinois OSHA visit. We are happy to report that, over the years, the IPRF Loss Control team has been very active with providing continuous loss control service to the IPRF Membership, providing the IPRF Membership



with safety and health program assistance and safety training resources. IPRF has created and established an extensive safety program and safety training resource library to assist our Membership with their safety efforts.

If your organization should have any need to establish safety and health programs, or have need to update existing safety programs, contact your Loss Control Consultant. The IPRF Loss Control Team is available to assist you with your safety programs and training needs.



IPRF Q & A CORNER

Indemnity Benefits

What exactly are indemnity benefits? When used in the context of workers' compensation, indemnity benefits are best described as payments made to an injured worker in lieu of lost wages. Before indemnity benefits can be paid, the average weekly wage (AWW) and compensation rate (CR) have to be established.

The four primary types of indemnity benefits are:

- Temporary Total Disability (TTD)
- Temporary Partial Disability (TPD)
- Permanent Partial Disability (PPD)
- Permanent Total Disability (PTD)

Each type of benefit is paid based on the weekly compensation rate. The duration of these benefits varies and is subject to the opinion of the authorized treating physician and statutory guidelines.

1) Total Temporary Disability (TTD) Benefits - TTD is the benefit that an injured employee receives during the period in which the employee is either: (a) temporarily unable to return to any work, as indicated by his or her doctor, or (b) is released to do light-duty work but whose employer is unable to accommodate him or her.

The employer pays TTD benefits to an injured employee until the employee has returned to work or has reached maximum medical improvement or "MMI."

These benefits are paid to the worker during the entire period he is off work recovering from the injury. The rate is based upon the worker's average weekly wage before the accident, including in some cases, over-time. It is subject to certain maximums and minimums as outlined in the Illinois Workers' Compensation Act.

2) Temporary Partial Disability (TPD)

TPD is the benefit that may be received during the period in which an injured employee is still healing and is work-

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