

**OPERATORS ROUND TABLE
DU PAGE PUMPING STATION
January 19, 2018
9:00 AM**

Status of DuPage Water Commission

The Commission's sales for the month of December were a total of 2.0 billion gallons. This represents an average day demand of 65.4 million gallons per day (MGD), which is lower than the December 2016 average day demand of 66.1 MGD. The maximum day demand was 75.0 MGD recorded on December 13, 2017, which is higher than the December 2016 maximum day demand of 71.0 MGD. The minimum day flow was 59.9 MGD.

The Commission's recorded total precipitation for the month of December was 0.6 inches compared to 1.8 inches for December 2016. The level of Lake Michigan for December 2017 is 580.0 (Feet IGLD 1985) compared to 579.1 (Feet IGLD 1985) for December of 2016

Water Conservation

Downers Grove North High School will attend a presentation and tour at the Commission on April 3rd and April 6th, 2018.

Staff will be attending Glendale Heights' Senior Center Lunch & Learn to present water quality and conservation along with Glendale Heights' Green Team on April 13, 2018.

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 dates for staff training.

New Customer

The Board approved the award of a Contract for the Construction of the West Transmission Main (Contract TW-3/17) commonly referred to as the Bartlett Transmission Main.

The Board approved the ratification of a Task Order with AECOM Technical Services to provide Engineering Services related to the construction of Contract TW-3/17, the West Transmission Main, at an estimated cost of \$348,990.00.

The pipeline construction permitting process continues with various governmental agencies.

A kick-off meeting is being scheduled in early February regarding the design of the Bartlett Metering Station and Connection Facilities.

Pipeline Maintenance

The valve located at Douglas Road and Ogden Avenue has been replaced and operations in that area are back to normal.

Staff has found it necessary to postpone the installation of the 60" butterfly valve at Butterfield Road and Marshall in Oakbrook Terrace from April to September or October of this year. An existing 60" valve that is known to be passing water while in the fully closed position, and is the reason for the installation of the new valve, was planned to be used as part of the system isolation for the installation of the new valve. However, this valve is passing significantly more water than was anticipated rendering it useless to isolate the system. Thus, a larger part of the system must now be isolated to install the new valve. Field testing of the additional isolation resulted in a considerable impact to normal system operations. Therefore, Staff will be looking at various hydraulic modeling scenarios with the intent of maintaining normal operations while the system is partially down for the installation of the valve now tentatively scheduled after demand has decreased sometime in late summer/early fall of 2017.

Staff continues inspection and repair work on distribution system blow off valves and expects to complete this work by the end of the year.

Staff continues collecting cathodic protection test point data.

Instrumentation / Remote Facilities Overview

The Board approved the Request For Board Action to authorize the General Manager to approve Requisition No. 49434 to purchase two VMware Host Servers to replace the five year old servers that are out of manufactures extended warranty. Three quotes were received from vendors and Insight Public Sector had the lowest cost of \$28,592.94.

The Board approved a Request For Board Action to authorize the General Manager to approve Requisition No. 49453 in the amount of \$33,388.87 to ITsavvy, LLC for a new network backup solution.

Facility Construction

DuPage Pumping Station

Change Order No. 1 for The Contract for the Rehabilitation of Coating Systems and Fall Protection Systems for Tank Site No. 3 (Contract SS-8/17) with Era-Valdivia Contractors, Inc. was approved. The Change Order recommends a Final Balancing Change Order for actual units expended during the Work and, recommends Final Acceptance of the Work at a net decrease in Contract Price of \$7,600.00. This action would also approve release of all monies held in retention conditioned upon receipt of all contractually required documentation.

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.

New locks at all facilities

Winter Operations

With the Spring around the corner, we are starting to experience changing weather patterns, and we need to start thinking about bouts of freezing and thawing temperatures. We need to make sure all catch basins and storm drain are open to help prevent localized flooding

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 will be run differently this year. The commission is changing out all our billing meters, so as each existing meter is removed it will be tested to verify the final reading and then the new meters will be placed in service.

The Flow Meter Replacement Project Contract with Meccon Industries to replace water meters at the Commission's meter stations is ongoing and is anticipated to be complete in late Summer 2018.

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.

Regulations

Additional Lead and Copper regulations

Notification of activities that could release lead particles
Lead service line inventory by 4/1/2018

Renewal Training

2/3 of renewal training must be comprised of technical training

UCMR 4 is quickly approaching

Starting in January, water systems across the United States will have to begin contaminant testing under the Fourth Unregulated Contaminant Monitoring Rule (UCMR 4). Under this rule, the U.S. Environmental Protection Agency is requiring public water systems to monitor for 30 unregulated contaminants until December 2020. The data from this testing will inform the agency's future regulatory decisions. For information on upcoming key dates and links to AWWA resources, read the AWWA UCMR Utility Alert.

Water Quality

The Commission is not feeding chlorine at this time.

Water Rates

Water rate for 2017 \$4.88/1000 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 April 20, 2018 at 9:00 A.M. or before if events warrant.

AWWA

WATERCON2018

3/19/2018 » 3/22/2018

Location: Springfield, Illinois

01/23/18 - Water Storage Tanks & Reservoirs - O&M (Plainfield) IEPA#12163

1/23/2018

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

01/24/18 - Operator Math for Class C/D (St Charles) IEPA#12342

1/24/2018

Location: St Charles, Illinois Time: Registration at 7:30 AM

District 1 - Water Taste Test

1/26/2018

Location: Rockford, Illinois Time: Judging at 10:30 am

02/01/18 - Water/Sewer Plans 101 (Wheeling) IEPA#12343

2/1/2018

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

02/08/18 - Using SCADA for Optimized Process & Operations (McHenry) IEPA#12257

2/8/2018

Location: McHenry, Illinois **Time:** Registration at 7:30 AM

02/13/18 - Lead & Copper - Wtr Trt & Corrosion Control (Norridge) IEPA#12296

2/13/2018

Location: Norridge, Illinois **Time:** Registration at 7:30 AM

02/13/18- 03/06/18 Pumps & Pumping Wrkshp: 4-wk (Lake Bluff) IEPA#12148

2/13/2018

Location: Lake Bluff, Illinois **Time:** Registration begins at 7:30 am

2/20-2/21/18 - AWWA 2-Day Water Loss Seminar: Best Practice Water Audits and Loss Control IEPA#12448

2/20/2018 » 2/21/2018

Location: Chicago, Illinois **Time:** Registration begins at 8:00am

02/22/18 - SCADA 204 (Plainfield) IEPA#12251

2/22/2018

Location: Plainfield, Illinois **Time:** Registration at 7:30 AM

2/26/18-2/27/18 -Water Dist System O&M-Class C/D-2 day (Chicago) IEPA#12386

2/26/2018 » 2/27/2018

Location: Chicago, Illinois **Time:** Registration at 7:30 AM

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 October 2017, November 2017, and December 2017.
2. Winter Is the Time to Clean Up Inside

Operations/Minutes/Ort180119.doc

OPERATORS ROUND TABLE

Village of Addison	Rick Russo	Village of Itasca	Absent
Argonne National Laboratory	Absent	Village of Lisle	Justin Ross John Valenti
Village of Bensenville	Absent	Village of Lombard	Absent
Village of Bloomingdale	Garett Guthrie	City of Naperville	Pat O'Malley Tony Conn
Village of Carol Stream	Dave Nowerul	Village of Oak Brook	Absent
Village of Clarendon Hills	Absent	City of Oakbrook Terrace	Craig Ward
City of Darien	Absent	Village of Roselle	Greg Gruen
City of Downers Grove	David Moody	Village of Villa Park	Dan Coulty
County of DuPage	Absent	Village of Westmont	Mike Ramsey Brian Beusse
City of Elmhurst	Dan Rosenwinkle	City of Wheaton	Al McMillen Al Owens
Village of Glendale Heights	Jeff McCumber	Village of Willowbrook	Absent
Village of Glen Ellyn	John Hubsy	Village of Winfield	Bob Orlando
Village of Hinsdale	Absent	City of Wood Dale	Absent
Illinois American Water Works Company	Absent	Village of Woodridge	M.K. Karzmarek

WINTER IS THE TIME TO CLEAN UP INSIDE

When it's too cold to be working outside, consider using your time to improve the housekeeping inside. Housekeeping is not just cleanliness. Good housekeeping is also a basic part of accident and fire prevention. It includes keeping work areas neat and orderly, maintaining halls and floors free of slip and trip hazards, and removing waste materials (e.g., paper, cardboard) and other fire hazards from work areas. It also requires paying attention to important details such as the layout of the whole workplace, aisle marking, the adequacy of storage facilities and maintenance.



Housekeeping is important in preventing accidents and injuries and is also an area often cited by Illinois OSHA. Effective housekeeping can eliminate some workplace hazards and help get a job done safely and properly. Poor housekeeping can frequently contribute to accidents by hiding hazards that cause injuries. If the sight of paper, debris, clutter and spills is accepted as normal, then other more serious health and safety hazards may be taken for granted.

This is a good time to conduct an inspection of the garage, storage areas and other indoor facilities. Go through each area and dispose of items not needed. Place kept items on shelves, not on the floor. This eliminates a potential trip and fall hazard.



Here are some benefits of good housekeeping:

Improved Worker Safety

- Fewer slip, trip and fall incidents when walkways and working surfaces are free of clutter and spills.
 - Decreased fire hazards as a result of the reduction or elimination of waste, dust, debris, and other flammable materials.
 - Reduced number of workers being struck by objects through organized and careful storage of materials, tools and equipment.
- Reduced worker exposure to hazardous substances, such as dust and vapor buildup.

Increased Worker Productivity/Reduced Costs

- Safe work environments lead to healthier workers, higher worker morale, and increased productivity.
- Workplace cleanup and maintenance will ensure better control over tools and materials as well as the inventory of supplies.
- Tidy and clean work areas allow for more effective use of space.
- Increased worker participation in general housekeeping helps reduce the workload and cost of janitorial staff.



This article was written by Jim Patino, IPRF Loss Control Supervisor. If you have any questions or would like more information, please contact Jim at jpatino@iprf.com or call (630) 649-6078.



SOCIAL MEDIA

IPRF is committed to staying connected with staff, members and brokers through social media channels.

Please feel free to join us!

NEW EMAILS: @iprf.com



The IPRF Claims and Loss Team have received new emails.

Their new emails are:
First Initial + Last Name @iprf.com

Please visit www.iprf.com/contact for an up-to-date directory!

**CLAIMS
REPORTING**
claims@iprf.com
1-844-522-6082



*Your success and happiness lies in you.
Resolve to keep happy, and your joy and you
shall form an invincible host against difficulties.*
Helen Keller, American Author



DUPAGE WATER COMMISSION LABORATORY BENCH SHEET
MONTHLY REPORT FOR OCTOBER 2017

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	0.95	0.10	0.56	0.92	0.09	69	7.4	0.7	0.55	0	CT
2	0.95	0.10	0.53	0.94	0.09	69	7.4	0.7	0.56	0	CT
3	1.03	0.10	0.54	1.00	0.08	68	7.5	0.7	0.59	0	RC
4	0.92	0.09	0.56	0.91	0.09	68	7.4	0.8	0.55	0	CT
5	0.94	0.09	0.53	0.93	0.09	68	7.4	0.8	0.53	0	CT
6	0.99	0.09	0.57	0.93	0.09	67	7.4	0.8	0.55	0	CT
7	0.91	0.10	0.54	0.95	0.08	67	7.3	0.7	0.55	0	RC
8	0.96	0.10	0.55	0.98	0.09	66	7.4	0.7	0.54	0	RC
9	0.94	0.10	0.54	0.90	0.09	64	7.4	0.7	0.54	0	CT
10	0.90	0.09	0.54	0.91	0.09	63	7.5	0.7	0.54	0	CT
11	0.92	0.12	0.57	0.92	0.08	63	7.4	0.8	0.59	0	RC
12	0.91	0.09	0.54	0.91	0.09	62	7.5	0.7	0.52	0	RC
13	0.90	0.09	0.54	0.91	0.09	62	7.4	0.8	0.53	0	RC
14	0.92	0.09	0.50	0.91	0.09	62	7.4	0.7	0.55	0	CT
15	0.94	0.09	0.55	0.92	0.08	62	7.4	0.7	0.53	0	CT
16	1.06	0.11	0.57	1.01	0.09	60	7.4	0.8	0.53	0	RC
17	0.97	0.11	0.55	1.01	0.09	59	7.4	0.8	0.52	0	RC
18	1.00	0.12	0.54	0.94	0.09	59	7.4	0.7	0.53	0	CT
19	0.99	0.09	0.52	0.96	0.09	59	7.5	0.8	0.52	0	CT
20	0.99	0.09	0.50	0.96	0.07	58	7.5	0.7	0.50	0	CT
21	1.06	0.09	0.54	0.95	0.07	57	7.5	0.8	0.52	0	RC
22	1.00	0.09	0.52	0.97	0.09	57	7.4	0.7	0.53	0	RC
23	1.00	0.12	0.52	0.99	0.09	57	7.4	0.7	0.55	0	CT
24	0.96	0.10	0.54	0.96	0.07	56	7.4	0.8	0.59	0	CT
25	1.01	0.09	0.57	1.00	0.09	56	7.4	0.8	0.56	0	RC
26	1.07	0.09	0.53	0.99	0.09	55	7.4	0.8	0.53	0	RC
27	1.01	0.09	0.53	0.99	0.08	55	7.4	0.8	0.56	0	RC
28	0.99	0.09	0.56	1.00	0.09	54	7.4	0.8	0.55	0	AM
29	0.96	0.09	0.59	1.00	0.08	55	7.4	0.8	0.57	0	AM
30	1.00	0.09	0.52	1.00	0.09	52	7.5	0.8	0.55	0	AM
31	0.99	0.10	0.55	0.98	0.07	52	7.4	0.8	0.54	0	KD
AVG	0.97	0.10	0.54	0.96	0.09	61	7.4	0.8	0.54	0	
MAX	1.07	0.12	0.59	1.01	0.09	69	7.5	0.8	0.59	0	
MIN	0.90	0.09	0.50	0.90	0.07	52	7.3	0.7	0.50	0	



Terrance McGhee
Manager of Water Operations

DUPAGE WATER COMMISSION LABORATORY BENCH SHEET
MONTHLY REPORT FOR NOVEMBER 2017

LEXINGTON SUPPLY

DUPAGE DISCHARGE

DAY	LEXINGTON SUPPLY		DUPAGE DISCHARGE		TEMP °F	pH	Fluoride	PO ₄ mg/l	P.A.C. LBS/MG	ANALYST INT	
	FREE CL ₂ mg/l	TURBIDITY NTU	PO ₄ mg/l	FREE CL ₂ mg/l							TURBIDITY NTU
1	1.00	0.07	0.50	0.89	0.08	62	7.4	0.8	0.54	0	AM
2	1.00	0.08	0.53	0.91	0.08	62	7.4	0.8	0.53	0	AM
3	0.96	0.08	0.56	0.86	0.09	63	7.6	0.8	0.54	0	AM
4	0.98	0.08	0.57	0.89	0.08	62	7.5	0.8	0.54	0	KD
5	0.95	0.08	0.54	0.97	0.08	59	8.2	0.8	0.58	0	KD
6	0.93	0.08	0.56	0.93	0.08	60	7.7	0.8	0.56	0	AM
7	0.92	0.08	0.53	0.87	0.09	59	7.5	0.8	0.57	0	AM
8	0.92	0.08	0.55	0.91	0.08	58	7.5	0.8	0.56	0	KD
9	0.92	0.07	0.50	0.90	0.07	57	7.2	0.7	0.61	0	KD
10	0.91	0.08	0.54	0.89	0.08	57	7.4	0.8	0.57	0	KD
11	0.86	0.08	0.56	0.85	0.09	58	7.5	0.9	0.59	0	AM
12	0.81	0.08	0.58	0.80	0.09	58	7.5	0.9	0.60	0	AM
13	0.89	0.08	0.58	0.82	0.08	56	7.5	0.8	0.60	0	KD
14	0.81	0.08	0.54	0.87	0.07	54	7.5	0.8	0.56	0	KD
15	0.87	0.08	0.57	0.81	0.08	56	7.5	0.9	0.54	0	AM
16	0.89	0.09	0.59	0.84	0.09	55	7.6	0.9	0.58	0	AM
17	0.88	0.08	0.57	0.90	0.08	55	7.7	0.9	0.55	0	AM
18	0.87	0.08	0.56	0.91	0.08	55	7.6	0.9	0.53	0	KD
19	0.94	0.07	0.55	0.89	0.08	55	7.5	0.9	0.56	0	KD
20	0.91	0.08	0.56	0.87	0.09	55	7.6	0.9	0.57	0	AM
21	0.91	0.08	0.59	0.83	0.09	55	7.7	0.9	0.58	0	AM
22	0.89	0.07	0.51	0.79	0.07	55	7.5	0.9	0.54	0	KD
23	0.88	0.08	0.52	0.80	0.07	55	7.5	0.9	0.52	0	KD
24	0.95	0.08	0.53	0.95	0.08	54	7.5	0.8	0.52	0	KD
25	0.93	0.07	0.54	0.86	0.08	55	7.6	0.8	0.52	0	CT
26	1.00	0.06	0.49	0.85	0.07	53	7.5	0.8	0.50	0	CT
27	0.89	0.07	0.52	0.94	0.07	50	7.6	0.9	0.55	0	RC
28	0.89	0.07	0.52	0.89	0.07	55	7.6	0.9	0.56	0	RC
29	0.93	0.06	0.49	0.83	0.07	55	7.5	0.8	0.49	0	CT
30	0.89	0.06	0.51	1.00	0.06	51	7.6	0.9	0.51	0	CT
31										0	
AVG	0.91	0.08	0.54	0.88	0.08	56	7.6	0.8	0.55	0	
MAX	1.00	0.09	0.59	1.00	0.09	63	8.2	0.9	0.61	0	
MIN	0.81	0.06	0.49	0.79	0.06	50	7.2	0.7	0.49	0	



Terrance McGhee
Manager of Water Operations

DUPAGE WATER COMMISSION LABORATORY BENCH SHEET
MONTHLY REPORT FOR DECEMBER 2017

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	0.92	0.08	0.52	0.92	0.07	51	7.5	0.9	0.52	0	CT
2	0.94	0.10	0.57	0.92	0.07	53	7.5	0.8	0.58	0	RC
3	1.00	0.09	0.56	0.86	0.07	53	7.6	0.8	0.54	0	RC
4	1.00	0.09	0.56	0.94	0.07	53	7.6	0.8	0.51	0	CT
5	0.95	0.10	0.55	0.94	0.08	50	7.5	0.7	0.54	0	CT
6	0.93	0.09	0.56	0.89	0.07	52	7.5	0.8	0.58	0	RC
7	0.94	0.10	0.58	0.95	0.07	50	7.5	0.8	0.59	0	RC
8	0.95	0.09	0.55	0.94	0.08	53	7.5	0.8	0.55	0	RC
9	0.96	0.09	0.56	0.93	0.07	53	7.5	0.8	0.54	0	CT
10	0.97	0.08	0.53	0.97	0.07	53	7.5	0.7	0.59	0	CT
11	0.96	0.09	0.57	0.96	0.08	50	7.4	0.8	0.59	0	RC
12	0.95	0.10	0.58	0.93	0.08	49	7.5	0.8	0.53	0	RC
13	0.95	0.09	0.55	0.91	0.07	51	7.5	0.8	0.53	0	CT
14	0.98	0.09	0.53	0.90	0.07	50	7.5	0.8	0.54	0	CT
15	0.94	0.09	0.56	0.93	0.08	51	7.5	0.8	0.55	0	CT
16	0.98	0.08	0.54	0.95	0.07	51	7.5	0.8	0.53	0	RC
17	0.99	0.10	0.55	0.98	0.06	50	7.5	0.8	0.57	0	RC
18	1.00	0.10	0.59	0.94	0.07	50	7.5	0.8	0.59	0	CT
19	0.96	0.09	0.59	0.98	0.07	50	7.5	0.8	0.57	0	CT
20	0.95	0.09	0.52	0.96	0.06	51	7.6	0.8	0.55	0	RC
21	0.98	0.09	0.56	0.94	0.07	52	7.5	0.9	0.55	0	RC
22	1.00	0.10	0.55	0.97	0.08	50	7.6	0.9	0.52	0	RC
23	1.00	0.10	0.55	0.98	0.08	51	7.5	0.8	0.55	0	AM
24	1.00	0.08	0.54	0.96	0.09	51	7.5	0.8	0.57	0	AM
25	0.98	0.08	0.57	0.90	0.08	52	7.6	0.9	0.55	0	AM
26	0.98	0.10	0.57	0.97	0.08	49	7.6	0.8	0.55	0	CT
27	1.00	0.08	0.56	0.93	0.09	50	7.6	0.8	0.54	0	AM
28	1.00	0.08	0.57	0.93	0.08	49	7.6	0.8	0.53	0	AM
29	1.00	0.08	0.52	0.94	0.09	48	7.7	0.9	0.49	0	AM
30	0.94	0.08	0.58	0.95	0.08	45	7.6	0.9	0.59	0	KD
31	0.95	0.08	0.56	0.96	0.08	44	7.7	0.9	0.57	0	KD
AVG	0.97	0.09	0.56	0.94	0.08	50	7.5	0.8	0.55	0	
MAX	1.00	0.10	0.59	0.98	0.09	53	7.7	0.9	0.59	0	
MIN	0.92	0.08	0.52	0.86	0.06	44	7.4	0.7	0.49	0	


Terrance McGhee
Manager of Water Operations