



Monthly Operating Report

February 2017

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So. Sangamon

March 8, 2017

woodardcurran.com
COMMITMENT & INTEGRITY DRIVE RESULTS

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EXECUTIVE SUMMARY

Safety. Safety is the number one priority at Woodard and Curran. We continue to provide monthly training for employees at the plant, provide weekly safety updates and safety videos are assigned to all employees. The safety topic for this month was “Recognizing Electrical Hazards”. There were no lost time accidents in the month of February 2017. Approximately 71 percent of the items identified in the combined list of safety items have been completed.

Compliance. The finished water quality was within regulatory limits and all reporting and sampling requirements were met for the month. A copy of the Operations Report submitted to the Illinois Environmental Protection Agency is included in this report as Attachment A.

Best Tasting Water contest. Each year the Illinois Rural Water Association has an annual technical conference in Effingham, Illinois. This year’s conference was held February 21-23, 2018 and we submitted a sample of the plant water in the Best Tasting Water Contest. We tied for third place with Mt. Pulaski who won the event in 2012. Lake Egypt in southern Illinois was the overall winner. This makes the second top 5 finish for SSWC.

Operations. There were no emergency call-outs for the month. Henson Robinson was on-site February 16, 2017 to assist in the repair a small leak in the distribution system. There were four customer inquiries for the month.

Permanent Hydro-Pneumatic Storage Tank. Construction has been completed and the tank was placed into service on February 14, 2017.

Tier II Report Filing. The Illinois Emergency Management Agency (IEMA) requires a report be filed indicating the type and quantity of hazardous chemicals stored on-site. In addition to notifying IEMA, the Sangamon Valley LEPC and the Rochester Fire Department are to be notified. Attachment B of this report displays the first page of the three-page report.

Maintenance and Repair. For the month of February 2017, there were 8 inspections, 7 preventative and 2 corrective maintenance activities completed.

Budget. Through February 24, 2017, we are \$36,120 over budget for the fiscal year. This is a substantial decrease from last month. Please be aware that February is a short month and some invoices may not have been processed making the shortfall artificially low.

Capital Planning. Woodard and Curran is working with Mecor Engineering to update and prioritize the Capital Improvement Plan. The CIP is a planning document that includes all projects anticipated to exceed \$5,000 in cost over the next five years. The CIP is an ongoing process and will be refined from time to time as projects are completed and new issues are identified.

1. SAFETY

1.1 SAFETY TRAINING

Woodard and Curran continues to provide safety training for personnel at the plant. This is accomplished by requiring daily safety meetings, weekly safety updates are available to the plant, and safety videos are assigned to all employees and are required to be completed. The February 2017 safety training topic was “Recognizing Electrical Hazards”.

1.2 LOST TIME ACCIDENTS

There were no lost time accidents in the month of February, 2017.

1.3 SAFETY AUDIT

Since Woodard and Curran assumed operational responsibility for the SSWC plant, two safety audits have been completed. The first audit was conducted in May 2015 and identified 89 items needing to be addressed. Approximately 86 percent of those items identified had been addressed when a second audit occurred in November 2016.

The finding for these two audits were combined to produce a list of 42 items needing to be addressed. A safety audit conference call with Shannon Eyler was held on January 25, 2017. To date, 71 percent of the items have been addressed. Remaining items are being addressed at time permits and as funding becomes available.

1.4 MISCELLANEOUS SAFETY

Keith Sommers attended a Powered Industrial Truck (Forklift) training in St. Louis on February 8, 2017.

2. COMPLIANCE, FLOWS AND LOADINGS

2.1 COMPLIANCE

The finished water quality was within regulatory limits and all reporting and sampling requirements were met for February. A copy of the Operations Report to the Illinois Environmental Protection Agency (IEPA) is included in Attachment A of this report

2.2 INFLUENT FLOWS AND LOADINGS

The total gallons pumped from the well field was 33.5 MG. The influent parameters were all within the normal range.

The influent flow and loadings are summarized below in Table 2.2

Table 2.2 Influent Concentrations and Flow								
	pH	Temp	Iron	Manganese	Fluoride	Hardness	Alkalinity	Well Flow Gals (k)
Max.	7.64	14.6	1.32	0.226	-	384	296	1.492
Min.	7.08	12.6	0.20	0.168	-	370	284	0.719
Avg.	7.34	13.6	0.94	0.202	-	377	292	1.197
Total	-	-	-	-	-	-	-	33.517

2.3 EFFLUENT CONCENTRATIONS

The facility filtered 30.117 MG during the month with a daily average of 1.076 MG and a min/max of 0.662/1.349 MG.

Table 2.3 Finished Water Quality										
	Free CL2	Total CL2	pH	Temp	Iron	Manganese	Fluoride	Hardness	Alkalinity	Phosphate
Max.	1.4	1.5	8.04	14.3	0.01	0.015	1.36	142	292	1.01
Min.	1.0	1.2	7.33	12.7	0.00	0.000	0.47	110	264	0.13
Avg.	1.2	1.4	7.73	13.7	0.01	0.010	0.80	121	276	0.86
MCL	-	-	-	-	1.00	-	4.00	-	-	-
SMCL	-	-	-	-	0.30	0.050	2.00	-	-	-

2.4 LAGOON DISCHARGE CONCENTRATIONS

The results for the NPDES lagoon discharge permit are summarized below.

Table 2.4 Weekly Grab Sample Analysis Results

Lagoon Effluent Results						
Date	Fe (mg/l)	Mn (mg/l)	Chloride (mg/l)	Cl² (mg/l)	pH (S.U.)	TSS (mg/l)
02/14/2017	0.650	0.648	248	0.04	7.51	0.00
Minimum	-	-	-	-	-	-
Maximum	-	-	-	-	-	-
Average	-	-	-	-	-	-
Monthly Avg Limit	2.000	1.00	-	-	-	15
Daily Limit	4.000	2.000	500	0.05	6.0-9.0	30

The Chloride sample for the month of February 2017, performed by the Springfield Metropolitan Sanitary District, was 14,700 mg/L. The limit for chloride discharge to the sanitary district is 30,000 mg/L.

3. OPERATIONS

3.1 EVENTS IMPACTING OPERATIONS

Hydro-Pneumatic Storage Tank. Painting began on the permanent Hydro-Pneumatic Storage Tank on February 1, 2017. Painting was completed February 6, 2107. The new tank was placed into operation on February 14, 2017. The Operating Permit was signed on February 9, 2017 (see Attachment C of this report). The Illinois Environmental Protection Agency approved the permit on February 17, 2017. The temporary Hydro-Pneumatic storage tank has been taken off line and removed.



Tier II Report Filing. The Illinois Emergency Management Agency (IEMA) requires a report be filed indicating the type and quantity of hazardous chemicals stored on-site. In addition to notifying IEMA, the Sangamon Valley LEPC and the Rochester Fire Department are to be notified. See Attachment B of this report to see the first page of the three-page report.

3.2 EMERGENCY & SERVICE CALLS

Service Calls:

- Henson Robinson was on-site February 16, 2017 to assist in the repair to leak in the valve vault on Cardinal Hill Road 300-feet south of St. Hilaire Road.

3.2.1 Emergency Call-outs

- There were no emergency call-outs for the month of February.

3.3 CUSTOMER INQUIRIES

There were four (4) customer inquiries for the month of February:

- On February 7, 2017, we received a call from a gentleman who lives Possum Trot Road complaining about low water pressure.
- On February 7, 2017, we received a text from Dustin Patterson that EJ Water had been flushing hydrants near Possum Trot Road.
- On February 15, 2017, the Sangamon County Road and Bridge department contacted the plant regarding a possible water leak on Cardinal Hill Road.
- On February 28 2017, we received a call from Wayne Nelson of the Curran Gardner Water Commission. He received a call from a customer complaining of low water pressure.

4. MAINTENANCE AND REPAIR

4.1 PREVENTATIVE AND PREDICTIVE MAINTENANCE

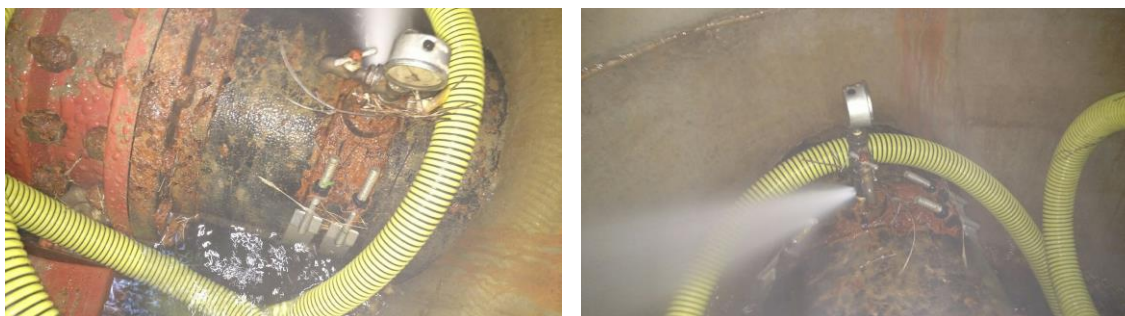
For the month of February 2017, there were 8 inspections, 7 preventative and 2 corrective maintenance activities completed.

4.2 CORRECTIVE REPAIRS

- We received a call from Mr. Kurt Cuffle from the Sangamon County Road and Bridge regarding water in the ditch approximately 300-feet south of St. Hilaire Road and Cardinal Hill Road. The picture below is near the valve vault facing north. Upon further investigation it was discovered a leak had developed on a fitting inside the vault. The leak was repaired on February 16, 2017. There was no disruption in service.



A view inside the vault.



- The solenoid on Brine Tank #1 was not operating. The insulation was removed from the water line, the valve was replaced, the valve was tested and the tank was placed back in service. There was no disruption in service during this repair. Pictured below is the solenoid that was installed on February 19, 2017



5. PROJECT MANAGEMENT & SUPPORT

5.1 STAFFING & TRAINING

- Woodard and Curran continues to train and provide staffing to the plant as needed.
- Woodard and Curran IT staff are working with plant personnel on Hach Wims. Hach Wims is the programmed utilized by Woodard and Curran for developing IEPA Monthly Operating Reports and storage of test data. We are working through the issues discovered with the reporting earlier in the year as time allows.

5.2 CORPORATE SUPPORT

The following individuals, either on-site or remotely, provided assistance in operation and/or maintenance of the plant in February 2017.

- | | |
|----------------|------------------|
| • Marc Thomas | • Shannon Eyler |
| • Joe Hurley | • Celina McManus |
| • Ray Giguere | • Wendy Foreman |
| • Brian Ravens | |

5.3 BUDGET

Table 5.3 below is a breakdown of the current budget as of February 24, 2017.

Table 5.3 Budget Table

Budget Category	Month Budget	Month Actual	YTD Budget	YTD Actual	Annual Budget	Over (under)	% of budget
Labor (D.L. + OH)	\$22,926	\$20,143	\$229,263	\$247,493	\$275,115	\$18,230	90%
Utilities	\$8,113	\$273	\$81,125	\$74,917	\$97,350	(\$6,208)	77%
Chemicals	\$14,875	\$7,263	\$148,750	\$144,509	\$178,500	(\$4,241)	81%
Maintenance & Repair	\$7,925	\$4,298	\$79,250	\$96,116	\$95,100	\$16,866	101%
Chloride	\$11,688	\$12,404	\$116,883	\$126,946	\$140,260	\$10,063	91%
Lab Supplies and Equipment	\$1,946	\$1,317	\$19,463	\$16,948	\$23,355	(\$2,515)	73%
Office Supplies	\$267	\$381	\$2,667	\$2,789	\$3,200	\$122	87%
Miscellaneous Expenses	\$1,243	\$1,480	\$12,428	\$13,188	\$14,914	\$760	88%
Other Operating Costs	\$339	\$40	\$3,393	\$3,153	\$4,072	(\$241)	77%
Subtotal of Costs for Contract Year 2	\$69,322	\$47,599	\$693,222	\$726,058	\$831,866	\$32,836	87%
Fixed Fee for Contract Year 2	\$6,932	\$4,760	\$69,323	\$72,606	\$83,187	\$3,283	87%
Year One Transition	\$1,366	\$1,366	\$13,658	\$13,658	\$16,389	\$0	83%
Total	\$77,620	\$53,725	\$776,202	\$812,321	\$931,442	\$36,120	87%

6. CAPITAL PLANNING

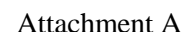
6.1 APPROVED CIP PROJECTS CURRENT STATUS

Construction for the Hydro-Pneumatic Storage Tank is complete. The tank went on-line February 14, 2017.

6.2 DRAFT CAPITAL IMPROVEMENT PLAN

The CIP is a planning document that includes all projects anticipated to exceed \$5,000 in cost over the next five years. The CIP is an ongoing process and will be refined from time to time as projects are completed and new issues are identified.

A meeting was held on February 17, 2017 to begin update of the Capital list. Those in attendance were Marc Thomas, Dan Held and Keith Sommers from Woodard and Curran as well as Max Middendorf from Mecor Engineering.



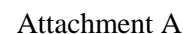
MENTALLY ILLION REIMBURSED, AND NON ECONOMIC SIDE EFFECTS REPORT

February 2017

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DIVISION OF PUBLIC WATER SUPPLIES

Woodard & Curran
February 21, 2017



DIVISION OF PUBLIC WATER SUPPLIES

MONTHLY FROM REMOVAL, AND FOR RECHARGE ESTIMATES REPLY
ON South Bengtson Water Committee
FOR MONTH OF February 2017

Page 2 of 2

[illegible]



Attachment B

Tier II Emergency and Hazardous Chemical Inventory
Facility Name: South Sangamon Water Commission **State ID: 015773**

Reporting Period From January 1, 2016 to December 31, 2016

☒ Annual ☐ Update ☐ Revised ☒ Facility Information has changed from the last submission

Facility Identification		Owner/Operator Details	
State ID: 015773	LEPC: Sangamon	Name: Mr. Joel Sander	
Facility Name: South Sangamon Water Commission	Lat/Long: 39.7493416/-89.479510	Address: 301 E. Illinois Street	
Company Name: South Sangamon Water Commission	Maximum Occupants: 15	New Berlin, IL 62670-0357, United States	
Physical Location: 9199 Buckhart Road, Rochester, IL 62663	Nature of Business:	Phone: 217-415-0867	Email: jsander60@gmail.com
County: Sangamon	NAICS Code: 926130	Parent Company Details	
Fire Department: Rochester Fire Protection District	SIC Code: 9999	Name: Dan and Brad No.	
Phone: 217-381-2206	Dun and Brad No.:	Address: IL, United States	
<input checked="" type="checkbox"/> Manned <input type="checkbox"/> Unmanned	EIN ID/Tax Number:	Phone:	Email:
Email: dheid@woodardcurran.com	FTE: Facility ID: 35708		
Subject to EPCRA Section 312 (Annual Inventory)? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Tier II Information Contact	
Subject to Emergency Planning under Section 302 of EPCRA (40 CFR part 355)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Name: Danny Held	
Subject to Section 112r of Clean Air Act (CAA)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Title: General Manager	
RMP Facility ID: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Phone: 217-381-2206	24 Hr. Phone: 217-381-2206
Subject to EPCRA Section 313 (Toxic Release Inventory - TRI)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Email: dheid@woodardcurran.com	
TRI Facility ID:			
Mailing Address			
Company Name: South Sangamon Water Commission			
Attention: Dan Held, Plant Manager			
Street Address 1: 9199 Buckhart Road			
Street Address 2:			
City: Rochester	State: IL		
Zip: 62663	Phone: 217-381-2206		
Country: United States			
Emergency Contacts			
Name	Title	Phone	24 Hr. Phone
Danny Held	General Manager	217-381-2206	217-381-2206
Joel Sander	Owner/Operator	217-415-0867	217-415-0867
		Email: dheid@woodardcurran.com	
		Email: jsander60@gmail.com	
Optional Attachments			
<input checked="" type="checkbox"/> Site Plan			
<input type="checkbox"/> Site Coordinate Abbreviations			
<input type="checkbox"/> Other Safeguard measures			
<input type="checkbox"/> Hazardous Waste Contingency Plan			
<input type="checkbox"/> Facility Emergency Response Plan			

Certification: I certify under penalty of law that I have personally examined and am familiar with the information submitted in pages one through 3, and that based on my inquiry of those individuals responsible for obtaining the information, I believe that the submitted information is true, accurate and complete.

Danny Held, General Manager
Date Signed: 2/2/2017 8:15:57 AM
Telephone Number: 217-381-2206
Signature: _____

Mailbox Copies To:

South Sangamon Valley LEPC
2801 N. 5TH STREET
P.O. Box 2105
Springfield, IL 62705-2105

Rochester Fire Protection District
700 E. MAIN STREET
ROCHESTER, IL 62663



Illinois Environmental Protection Agency

Bureau of Water • 1021 North Grand Avenue East • P.O. Box 19276 • Springfield • Illinois • 62794-9276

Division of Public Water Supplies, Permit Section Application for Operating Permit

This form may be completed online, a copy saved locally and printed before it is signed. You may also complete a printed copy manually. Submit the completed and signed form to the Illinois EPA, Bureau of Water, Permit Section at the address listed above.

Facility Name: SOUTH SANGAMON WATER COMMISSION Facility ID: IL 1670080
Address 1: Chairman Construction Permit No.: 0552 -FY 2016
Address 2: 9199 Buckhart Road Permit Type: Plant Improvement
City: Rochester State: IL Zip Code: 62563 Date Permit Issued: Apr 19, 2016
County: Sangamon

Project Title: Water Plant Improvements - Hydropneumatic Water Storage Tank

Firm Name: MECO Engineering Company, Inc.

Application Requirements (check when complete):

Project Status: ☒ Final ☐ Permit Number, Facility Number, and Facility Name identified on the Lab Report(s).
☐ Partial ☐ Samples analyzed by the Membrane Filter technique.
☐ Sample results attached to the Application. (If a new well was constructed, provide a copy of the sample results as required by Section II, Part g of the C-I application).

Partial A, B, C, etc.

If you select Partial, you must also submit the following items:

☐ Cover letter describing which sections were completed.
☐ General project layout plans.
☐ For water main projects, identify the length the Partial: _____ LF

Date of Project Completion: 02/08/2017 (Provide the date construction was completed on the project or partial)

Certified Operator in Responsible Charge:

Name: DANIEL L. HELD Classification: A Number: 053984045
Telephone: (217) 381-2206

Owner of the Completed Project:

Name: JOEL SANDER Title: CHAIRMAN / COMMISSIONER Telephone: (217) 415-01
Address: 9199 BUCKHART ROAD City: ROCHESTER State: IL Zip Code: 62563

Joel Sander

Owner/Authorized Personnel Signature

Date

The Owner hereby certifies that the project named and described has been constructed in accordance with plans and specifications approved by the Illinois EPA. See instructions for further information. For Verbal Approvals, please call 217-782-1724.

Any person who knowingly makes a false, fictitious, or fraudulent material statement, orally or in writing, to the Illinois EPA commits a Class 4 felony. A second or subsequent offense after conviction is a Class 3 felony. (415 ILCS 5/44(h))

***** FOR IEPA USE ONLY *****
This operating permit 0552 -FY 2016 issued on FEB 17 2017 is valid until revoked. This permit is valid only for the work completed under the Construction Permit of the same number.

IL 532-0140 PWS 037
Rev. 04/2015

David C. Cook, P.E.,
Acting Manager, Permit Section
Division of Public Water Supplies

DCC: GAZ

Div. of Public Water Supplies
Illinois EPA