



OFFICIAL NOTICE AND AGENDA
of a meeting of a City Board, Commission, Department
Committee, Agency, Corporation, Quasi-Municipal
Corporation, or Sub-unit thereof.

A Meeting of Wausau Water Works Commission will be held in the
Board Room, 2nd Floor City Hall, Wausau, WI 54403 at 1:30 p.m. on
Tuesday, July 1, 2014.

AGENDA

1. Roll Call
 2. Approve Minutes of June 3, 2014 meeting
 3. Staff Report on Utility Operations
 - Plant Clarifier
 - Water Maintenance
 - Repair of Valve in Front of Courthouse
 - Performance Reviews
 - Water Quality Report
 - Tour of Waterous Factory
 - Patching of Holes from Breaks
 - Water Tank
 - WMZK / Radio One Communications LLC WI
 - Permit Discharge Limits for June
 - New Wastewater Intern
 - Sewer Lining Project
 - Flow Returning to Normal Levels
 - Sludge Spreading
 4. Consider Northwoods Mist donation requests
 5. Discuss and make recommendation regarding the Water Rate Structure
 6. Discuss and make recommendation regarding proposed amendments to Chapter 13.62 of the Wausau Municipal Code
 7. Discuss and make recommendation regarding the offer to purchase property at 1524 Cleveland Avenue
- Adjourn

Signed by: /s/ James E. Tipple
Presiding Officer or Designee

ATTN: Newsroom
Daily Herald

Faxed by: Lori Wunsch

Date: 06/25/2014

Time: 11:30 a.m.

THIS NOTICE POSTED AT CITY HALL

Date: 06/25/2014 Time: 11:30 a.m.

By: Patti L. Sorenson



Minutes of June 3, 2014

A meeting of the Wausau Water Works Commission was called to order at 1:30 p.m. in City Hall on June 3, 2014. In compliance with Wisconsin Statutes, this meeting was posted and receipted for by the Wausau Daily Herald on May 28, 2014.

1) **Roll Call**

Members present: President Tipple, Commissioners Gehin, Otto, Rebman, Winters, and Utilities Director Marquardt.

Others present: Dick Boers, Dave Erickson; Deb Geier; Tonia Speener, Becher Hoppe Associates; Don Swailes, AECOM.

2) **Approve Minutes of May 6, 2014**

Motion by Mr. Rebman to approve the minutes of the May 6, 2014 meeting. Seconded by Mr. Gehin. Motion carried unanimously 5-0.

3) **Director's Report on Utility Operations.**

- Currently a declining rate is used for all of our customers. The City could consider an inclining rate for residential and continue to use a declining rate for non-residential which would be beneficial to continued economic development. The City could also consider an increase in the non-sufficient funds charge which is currently \$25.00 (the City charges \$40.00), as well as an increase in turn-on charges, especially for after hour calls. Other options would be Special Meter Reading Charges, Missed Appointment Charge and Real Estate Closing Charges. Concerns were expressed over charges for final readings fearing that it would cause parties moving out of properties to not request a final, and thus leaving outstanding balances on the accounts. However, it was felt that a Missed Appointment Charge would be prudent as there are costs associated in going to appointments when no one shows up or contacts us to let us know they won't be able to make the appointment.
- Hydrant flushing has been completed. Although other communities were experiencing longer flushing times due to residue in the pipes from ice scraping the minerals on the inside of the pipes. Fortunately we did not see a lot of this.
- Issues from the severe winter are starting to slow down. Year-to-date we've had 35 main breaks, 7 service leaks, and have 8 services off at the main. We've also seen a significant increase in water meters that froze and broke, as well as dead meters. Needless to say, this will likely be a year of playing catch up as many of the tasks we typically did during the early months of the year have not been completed yet, such as testing of our large meters.
- Residents were advised to turn off any water running by May 1. On May 2, we read all meters from addresses that we had advised to run water to assist

in billing adjustments. During the 3 month period of February 1 through April 30, our water plant pumped an additional 157,064,000 gallons of water over what was used in 2013.

- Our seasonal employees started on May 19th. Tyler Mesalk is a returning seasonal employee and Rebecca Eron is a new hire. Michaela Geier and Zack Nikolai are seasonal employees for the Wastewater Division. These students typically maintain the lawns at our facilities, paint hydrants, assist with the cleaning of media for the air strippers and other minor maintenance functions.
- All of the RTU's at the wells and booster stations were recently upgraded as all of the old units were obsolete. Our maintenance mechanics built frames for the units which were installed by PJ Kortens.
- The Wastewater plant is on track to meet permit limits for the month of May.
- JF Ahearn was the low bidder on the Final Clarifier #3 rehab project.
- Visu Sewer will start on the cured-in-place contract in June.
- Sludge hauling is still behind schedule because of the weather and we may have missed the window of opportunity to haul before planting. Tipple asked what happens if we are not able to get rid of the sludge. Marquardt stated there was a similar situation last year but we were able to dispose of the sludge throughout the summer. Erickson stated he will start contacting area farmers and eventually they will catch up by spreading on alfalfa fields.

Motion by Mr. Otto to accept the Director's Report as presented and place on file.

Seconded by Mr. Rebman. Motion carried unanimously 5-0.

4) **Presentation on the Gateway Project**

Scott Swenson, Ferguson Waterworks, stated Neptune and the City of Wausau have been working together for some time. About a year and a half ago the City started moving from a standard dial register to an e-coder meter. A major benefit is leak detection. The meter will take ninety-six 15 minute reads throughout the day and will flag an account for a continual flow, no flow or back flow event. Currently the City reads the meters with handhelds and an MRX. The Gateway System operates on a mobile radio frequency. The Gateway box has an antenna that collects the reads and sends it back to a server. This will reduce meter reading costs. Reading intervals can be done daily, hourly and up to 15 minutes depending upon the box. You can get final meter readings without sending a person to the site. Up to 360 reads per second can be processed.

Swenson stated that Athletic Park, the Jefferson Street Parking Ramp, the Housing Authority, Wausau West High School, the Elm Street Reservoir and the Wastewater Treatment Plant are adequate locations where Gateway receivers could be placed. Typically they would like a height of 60 to 80 feet to cast a broad enough umbrella for the receiver. A pole would have to be installed at the Wastewater Treatment Plant to get the height needed. Electrical would also have to be brought to each location. There are two system implementers who do software updates and training. Both would be on site for approximately three days after equipment is installed to get the system running and for training. A base proposal for the project is \$78,000. The cost for a 70' wood pole at the Wastewater Plant is approximately \$15,500. System benefits with the Gateway are reduce meter reading cost; less labor time; less vehicle rollouts; capability of receiving daily, hourly and potentially 15 minutes reads; leak, tamper and reverse flow flags; final reads; improved customer service capabilities; and potentially reduce water loss.

Otto questioned the coverage for the southeast side of Wausau. Swenson stated the Housing Authority is a high point and it will provide good coverage. To reach more southeast side locations in the future, a pole would have to be installed. The handheld unit and the MRX can still be used in areas where coverage is not provided, such as the southern and eastern areas and from the hospital to the west. The core of the City was concentrated on for now with the potential to install more receivers in the future.

Gehin questioned if the Gateway is continually reading and storing information. Swenson stated the City will get as much information as they want. The unit is always collecting reads.

Marquardt stated last month compatibility was questioned. Swenson explained the Neptune radio can be read with a Sensus handheld but cannot be read with Badger products. If using a true fixed based system, you should stay with one vendor. The Gateway system is meant to function with Neptune. The only interchangeability is on a basic mobile system with a handheld unit.

Tipple questioned the percentage of accounts the Gateway system will reach. Swenson responded with the proposed six locations, 80 to 85 percent will be reached. Gehin stated that Stevens Point had ventured away from Neptune and are now back to using Neptune. Swenson confirmed that Stevens Point had tried other compound meters but they were not standard American Water Works meters and went back to using Neptune.

Marquardt stated a sole source document will be completed for the Commission's review and then sent to Finance if the Commission would like to move forward.

5) Discuss and make recommendation regarding the Water Rate Structure

Marquardt stated a declining rate is currently used. Geier noted that utilities are being encouraged to go to a conservation or inclining rate. A conservation rate could be used for residential and a declining rate could be used for industrial as an inclining rate could discourage new business. The PSC had wanted Milwaukee to go to a conservation rate. However, they completed a survey and determined the conservation rate would have been difficult for low-income families.

Tipple stated in comparison to water costs of area communities, the City is in the bottom third. Geier stated Rib Mountain has not had a rate increase and feels they will have an increase in the future. Weston has had the inclining rate for several years due to supply issues. Most other communities have a declining rate. With the declining rate, the first 60 units is at the highest rate, then the next 540 units is at the middle rate, and anything over 600 units is at the lowest rate. Gehin stated there are very few residential accounts that reach 60 units. Tipple asked if taking the winter quarter off increased revenue. Geier replied it did increase revenue on the wastewater side. The only effect on the water side was a meter charge for accounts that added an extra meter. Gehin indicated Waukesha has also gone to a conservation rate due to supply issues.

Marquardt stated other areas to consider are non-sufficient fund charges, turn on charges, after hour calls, special meter reading charges, and missed appointment charges. This item will be brought back next month.

6) Discuss and make recommendation regarding the continuation of bottling water

Marquardt stated the tanker used to haul water in the past is no longer available. Boers indicated a number of communities quit bottling so the tanker was sold. Boers checked with other sources, such as Mullins Cheese. They sanitize their tanker; however, the gaskets and piping do not get changed. He is afraid of bacteria from raw milk. We could buy a 1,100 gallon plastic water tank for \$599 and shipping would cost \$383. Therefore, the tank would cost approximately \$1,000 and used only once a year. Otto stated it may not be a good investment if only used once a year. Geier stated the majority of the water is donated for non-profit community events, such as Art in the Park, Honor Flight, Komen race, etc. Boers stated other communities have stopped bottling water because they wanted to go green.

Mr. Winters stated it is good PR and moved to approve the purchase of the water tank. Seconded by Mr. Rebman. Motion carried unanimously 5-0.

7) Discuss and make recommendation regarding the Compliance Maintenance Annual Report

Marquardt explained this report is completed by staff and reported to the DNR. He noted the section for Affluent Quality and Plant Performance. In February and March the permit limit was average or above and therefore staff marked the section as non-compliant. This resulted in a grade of B. Nitrogen was over applied on a site and therefore 30 points were deducted under Biosolids Quality and Management. The high quality of arsenic was exceeded 1 time. Each time is 10 points, for a total of 40. This resulted in a total of 60 out of 100 points, which resulted in a grade of F for this section. Under

Staff and Preventative Maintenance there was a deduction of 10 points for recording our maintenance. This resulted in a grade of B. In Financial Management, 3 or more years for review was marked regarding equipment replacement funds, which is a 20 point deduction. Staff does review this annually, but will make a true review with the Commission. The final grade point average was 2.97 out of 4. We will review sludge spreading operations with staff, Kevin Fabel will be more diligent with industries regarding pretreatment, and financial management will be reviewed and brought to the Commission.

Tipple asked what the grades have been in the past. Marquardt stated last year the grade point average was above 3. Gehin questioned having the auditors review the Financials to improve that area. Marquardt stated we were harsh on ourselves because it had not been brought to the Commission. He will check with the Finance Director regarding using the auditors.

Mr. Gehin moved to approve the Compliance Maintenance Annual Report. Seconded by Mr. Rebman. Motion carried unanimously 5-0.

8) **Discuss and make recommendation regarding the purchase of 1524 Cleveland Avenue**

Marquardt stated there is an accepted offer of \$5,750. At the last meeting the Commission had authorized negotiating up to \$8,000.

Mr. Rebman moved to approve the purchase of 1524 Cleveland Avenue in the amount of \$5,750. Seconded by Mr. Winters. Motion carried unanimously 5-0.

9) **Discuss and make recommendation on agreement with Radio One Communications LLC WI to maintain transmitter and antenna on the Brown Street Water Tower**

Marquardt explained that WMZK 104.1 out of Merrill has a new owner. The previous owners were delinquent on the agreement. They were given the chance to catch up but did not, so the City terminated the lease. They have not been rebroadcasting off of the Brown Street tower since last fall. The new owners are requesting a new agreement and would be willing to pay \$3,000 per year. The past agreement was \$452 per month.

Boers explained in the summer they run a small air conditioner to keep their equipment cool, which runs approximately \$100 a month more. Marquardt stated according to the Attorney's Office anything that was left onsite was deemed our property, such as the antenna. The County had asked to install an antenna and they were told they could use the one that was left there. Boers contacted the County, but the County has not utilized the antenna and did not have a concern with Radio One using the antenna again.

Mr. Winters moved to approve an agreement with Radio One Communications LLC WI to maintain transmitter and antenna on the Brown Street Water Tower for \$500 per month and an additional \$100 per month when the air conditioner is operating. Seconded by Mr. Rebman. Motion carried unanimously 5-0.

10) **Adjourn**

There being no further business to discuss, motion was made by Mr. Gehin to adjourn the meeting. Seconded by Mr. Otto. Motion carried unanimously 5-0. Meeting adjourned at approximately 2:50 p.m.

/s/ Keene Winters

Secretary



June 25, 2014

MEMORANDUM

TO: President Tipple
Commissioner Gehin
Commissioner Otto
Commissioner Rebman
Commissioner Winters

FROM: Dave Erickson, Wastewater Superintendent
Deb Geier, Utility Resource Manager

SUBJECT: Staff Report – June 2014

DRINKING WATER DIVISION

1. Crews have switched over the plant clarifier to the south unit. Distribution crew has been assisting in the cleaning of the north unit.
2. Distribution Crew has remained busy repairing hydrants along with leaking stubs, laterals and mains. We are still playing catch up from the severe winter.
3. The valve in front of the Courthouse was repaired on Thursday night, June 12. This work needed to be done after hours due to shutting the water service down for the Courthouse and to accommodate lane closures on Forest Street that were needed to perform the work safely.
4. Supervisors have been busy with performance reviews with the employees. It has been a good chance to sit down with each of the employees to discuss their duties and has allowed the employees an opportunity to discuss issues along with their professional development.
5. The water quality report will be in the hands of the residents prior to the July 1 deadline. This report is a federally required report which contains information about the constituents found in our drinking water. Since this report contains a great amount of “boiler plate” language, this is the one newsletter that we typically hear complaints about. Efforts are made to include some interesting, fun things to lighten the overall report. The report is also required to be published in Spanish and Hmong.
6. Deb Geier and Scott Boers had the opportunity to take a tour of the Waterous factory in St. Paul, MN on June 18. It was a very interesting tour. Many of the hydrants we have in service are manufactured at that factory.

7. We have been getting a number of complaints regarding the patching of holes from breaks over the winter. Due to the number of holes the work has been contracted out, but the late spring has also delayed the repairs. Work is expected to start in about a week.
8. The tank to haul water for bottling has been ordered, but has not been received yet. We have received a couple of requests for Northwoods Mist, and hope to be able to accommodate the organizations. However, until the tank arrives we won't be able to bottle and our supplies are gone.
9. WMZK / Radio One Communications LLC WI did not like the terms to maintain the transmitter and antenna on the Brown Street Water Tower and therefore have decided to look elsewhere.

WASTEWATER DIVISION

1. The Wastewater Plant is on track to meet permit limits for June.
2. Stevens Point intern James Napierala started working full time for the village of Hudson. Our new intern is Jake Carron.
3. Visu Sewer is working on the sewer lining project.
4. Flow is finally returning to normal levels. The new step screens have been working very well even with the higher than usual flows we had this spring. The influent pumps also performed very well after the work we did on the VFD's last year.
5. We have pretty much emptied the sludge accumulated in the storage shed over the winter. We are still a little behind in emptying the secondary digesters. The new tractor worked well for spreading.

NORTHWOODS MIST DONATION REQUEST

Name of Person Requesting Lori Josiger Nicolet Bank

Mailing Address 2100 Stewart Ave

Phone 715-241-2501 Email ljosiger@nicoletbank.com

Organization Harley Heroes / DAV + Nicolet Bank

Event Never Forgotten / DAV Harley Ride to King WI

Date of Event July 18th - 19th

How will this event benefit the citizens of the City of Wausau? money will go to benefit the Never Forgotten Honor Flight that leaves from Wausau & also the disabled vets. We feed 350 plus @ Kings Vet home.

Is there a cost to attend this event? If yes, state amount 25.00/person

Number of bottles requested 300.00

Explain how you plan to use Northwoods Mist We donate the water to the residence of King Vet home along with a donated meal. Riders also get a water & med

Other comments: 7th Annual - Thank you for sponsoring the past 4 years!

Please return completed request **no later than 6 weeks prior to the event to:**
Wausau Water Works, Attn: Deb Geier, 407 Grant Street, Wausau, WI 54403 or email to:
deb.geier@ci.wausau.wi.us

Date requested _____	Commission Action Required? _____
Request Approved? Yes / No	

Agenda Item #4

July 18th & 19th 2014 Registration and Release Form

Rootin' Tootin' & Scootin' for DAV and Never Forgotten Honor Flight

Entry #1 (Please Type or Print)

Name: _____

Address: _____

City: _____ State _____ Zip _____

Entry #2 (Please Type or Print)

Name: _____

Address: _____

City: _____ State _____ Zip _____

Total Number of Registrants: _____ X \$30.00 = _____ Total Amount Enclosed

LIABILITY WAIVER

The undersigned (on my behalf and on behalf of my heirs, personal representatives, successors and assigns) for and in consideration of the opportunity to engage in the Scootin' 4 DAV Benefit Ride/Event and for other valuable consideration, the receipt and adequacy of which hereby acknowledged, release and forever discharge DSI Enterprises, LLC d/b/a Harley Davidson of Wausau, and d/b/a Arco Cat of Wausau, its officers, directors, employees, agent and authorized agents, all ride sponsors, the DAV, NFHF, Harley's Heroes ("release parties") or any constituents of the above mentioned organizations from an and all claims, demands, rights, and causes of action of any kind what so ever, known or unknown, which I have or may acquire in the future in any way resulting from, or arising out of my participation in the Scootin' 4 DAV Benefit Ride/Event for the Never Forgotten Honor Flight and DAV (aka Harley's Heroes).

Hereby state that I am experienced in and familiar with the operation of various motorcycles and fully understand the risks and dangers inherent in motorcycleing. I am voluntarily participating in the ride and expressly agree to assume the entire risk of any accidents or personal injury, including death, which I might suffer as a result of my participation in the ride or potter run.

BY SIGNING THIS RELEASE, I CERTIFY THAT I HAVE READ THIS RELEASE AND FULLY UNDERSTAND IT AND THAT I AM NOT RELYING ON ANY STATEMENTS OR REPRESENTATIONS OF ANYONE RELEASED THEREBY.

RIDER AND PASSENGERS ARE ENCOURAGED TO HAVE APPROPRIATE RIDING ATTIRE TO INCLUDE: PANTS, BOOTS, LONG SLEEVES, HELMETS AND GLOVES

I have been advised that participation in the Scootin' 4 DAV Benefit Ride/Event for the Never forgotten Honor Flight and Disabled Veterans sponsored by Harley Davidson of Wausau is voluntary. By signing below I hereby release DSI Enterprises, LLC d/b/a Harley Davidson of Wausau, and d/b/a Arco Cat of Wausau, its officers, directors, employees, agent and authorized agents, all ride sponsors the DAV, NFHF, Harley's Heroes ("release parties") or any constituents of the above mentioned organizations from an and all claims, demands, rights, and causes of action of any kind what so ever, known or unknown, which I have or may acquire in the future in any way resulting from, or arising out of my participation in the Scootin' 4 DAV Benefit Ride/Event for the Never Forgotten Honor Flight and DAV (aka Harley's Heroes).

PARENTS MUST SIGN IF REGISTRANT IS LESS THAN 18 YEARS OF AGE.

Entry #1 Signature _____ Date: _____

Entry #2 Signature _____ Date: _____



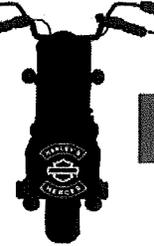
MAKE ALL CHECKS PAYABLE TO: Scootin' 4 DAV & NFHF

Registrations to be returned to:
Harley Davidson of Wausau
ATTN: Scootin' 4 DAV
1570 Hwy XX
Rothschild, WI 54447

FRIDAY - SATURDAY JULY 18TH & 19TH

All Motorcycles Welcome

ROOTIN' TOOTIN' & SCOOTIN'



facebook.com/Scootin4DAV

Harley-Davidson of Wausau
715.333.1151

Friday July 18th		Saturday July 19th	
11:00am	Registration/Check-In	8:00-10:00am	Registration/Check-In & Staging
All Day	Fun Run Raffles	10:30am	Color Guard Presentation National Anthem Bike Blessing & Prayer
11:00-5:00pm	All Make Motorcycle Show for feature in 2015 Calendar	11:00am	Organized Ride Departs
1:00-4:00pm	Bike Games TBD	12:30pm	Lunch at King Veteran's Home
5:00-6:00pm	Awards & Prizes 2015 Calendar Presentation	1:30pm	Organized Dice Run w/ stops at VFW Posts
7:00-10:00pm	Live Music by <i>Doja Vu</i> Joining us from Chicago	5:00pm	Fun Run Sheets Due Dice Run Sheets Due

featured band at Harley-Davidson Motor Company events
Open to public for \$5 donation to DAV & Honor Flight



Agenda Item #4

NORTHWOODS MIST DONATION REQUEST

Name of Person Requesting Sara Roquemore

Mailing Address 723 Weston Avenue

Phone 715-470-2703 Email
roque@dwave.net

Organization Festival of Arts

Event Festival of Arts

Date of Event September 5-7, 2014

How will this event benefit the citizens of the City of Wausau? Promotes the arts in Central Wisconsin; brings people downtown to boost downtown economy

Is there a cost to attend this event? If yes, state amount no

Number of bottles requested 20 cases of water

Explain how you plan to use Northwoods Mist We provide water for juried artists and performing artists.

Other comments: _____

Please return completed request **no later than 6 weeks prior to the event** to:

Lori Wunsch

From: Deb Geier
Sent: Wednesday, June 25, 2014 6:49 AM
To: Lori Wunsch
Subject: FW: Rates

From: Schmidt, Denise - PSC [<mailto:Denise.Schmidt@wisconsin.gov>]
Sent: Tuesday, June 24, 2014 2:51 PM
To: Deb Geier
Cc: Gysbers, Bridgot - PSC; Olson, Gary J - PSC
Subject: FW: Rates

Deb,

Bridgot forwarded your email to me, and I will try to answer your questions. Over the past several years, there has been something of a trend away from declining block rate structures in our state. Some utilities have opted for the inclining block rate structure, while others have decided to implement a uniform rate structure, with every volume charged at the same rate. In general, most utilities that move away from a declining block structure for residential customers keep the declining block for industrial and other non-residential classes. At present, ten utilities have inclining block rates, and three utilities have irrigation rates: Madison is looking at several different alternatives: inclining block rates and seasonal rates.

In general, you should try to gain some direction from your Commissioners regarding what the utility's objectives are with respect to alternative rate structures. Would you like to reduce system peak demands? Overall annual demands? Does the utility desire to meet objectives of a municipal sustainability initiative? In addition to conservation-oriented pricing, there are many options for you to consider, including monthly billing, rebate programs and municipal ordinance changes. I would be very happy to help you explore options that make the most sense for your utility. I will be out of the office tomorrow but will return on Thursday if you'd like to give me a call.

I look forward to speaking with you.

Denise Schmidt
Program and Policy Analyst, Water Conservation Coordinator
Public Service Commission of Wisconsin
608-266-1282
denise.schmidt@wisconsin.gov
<http://psc.wi.gov/conservation/water/wc-overview.htm>

From: Gysbers, Bridgot - PSC
Sent: Tuesday, June 24, 2014 12:38 PM
To: Schmidt, Denise - PSC
Subject: FW: Rates

Denise,

Can you please response to Deb?

Thanks

Bridgot

From: Deb Geier [<mailto:Deb.Geier@ci.wausau.wi.us>]
Sent: Tuesday, June 24, 2014 11:37 AM
To: Gysbers, Bridgot - PSC
Subject: Rates

Good afternoon Bridgot,

As you are probably aware, Wausau Water Works is working on a rate study which we hope to have filed by the end of July.

When it comes to rate structures, what seems to be the trend for water rates these days? Are most utilities continuing to having declining rates, or is there more of a turn to inclining (conservation) rates? How about flat rates?

I'm assuming if we did opt to go inclining rates, we could do that only for residential and still use declining rates for non-residential (especially industrial and public authority). Or possibly go residential and commercial inclining and others declining?

I will be addressing our utility commission next week on these issues, and would appreciate any information you could supply. I'd like to be as informed as possible to help them determine the direction to go.

Thanks for your help

Deb Geier

Utility Resources Manager
Wausau Water Works
407 Grant Street
P: 715-261-7262
C: 715-571-7983
F: 715-261-7267



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ORDINANCE OF WAUSAU WATER WORKS COMMISSION	
Amend Chapter 13.62 Sewage Users-Standards and Control	
DRAFT	
Committee Action:	Ordinance Number:
Fiscal Impact: None	
File Number: 11-0507	Date Introduced:

The Common Council of the City of Wausau do ordain as follows:

Add ()
Delete (———)

Section 1. That Section 13.62.020 Definitions, is hereby amended to read as follows:

13.62.020 Definitions. Unless the provision explicitly indicates otherwise, the following terms and phrases, as used in this chapter, shall have the meanings hereinafter designated.

(a) If the user is a corporation:

.....

(2) The manager of one or more manufacturing, ~~production or operation~~ facilities employing more than two hundred fifty persons or having gross annual sales of expenditures exceeding twenty five million dollars (in second quarter 1980 dollars), if provided the manager is authorized to make decisions which govern the operation of the facility, make major capital investment recommendations, initiate and direct comprehensive measures to assure long-term compliance with environmental laws, can ensure the necessary systems are established to gather complete and accurate information for the report and where authority to sign documents has been assigned or delegated to the manager in accordance according with corporate to the corporation's procedures; or

(d) An authorized representative of the individual designated above if:

.....

“Biochemical oxygen demand (BOD)” means the quantity of oxygen utilized in the biochemical oxidation of organic matter under standard laboratory procedure in five days at twenty degrees centigrade, usually expressed as a concentration (e.g., mg/l), as prescribed in 40 CFR Part 136, or such other methods as the EPA administrator may approve.

“Best Management Practices” or “BMPs” means schedules of activities, prohibitions of practices, maintenance procedures, and other management practices to implement the prohibitions listed in Section 2.1 A and B [40 CFR 403.5(a)(1) and (b)]. BMPs include treatment

Agenda Item #6

requirements, operating procedures, and practices to control plant site runoff, spillage or leaks, sludge or waste disposal, or drainage from raw materials storage.

....

Significant Industrial User.

....

“Slug” means any discharge of wastewater which exceeds for any period of duration longer than fifteen minutes at a flow rate more than five times the average twenty-four hour flows during normal operation and/or which concentration of any given constituent exceeds more than five times the average twenty-four hour concentration during normal operation or any nonroutine, episodic discharge, such as a discharge resulting from a spill or a noncustomary batch discharge.

Section 2. That Section 13.62.030 Prohibitions and limitations on wastewater discharge, is hereby amended to read as follows:

13.62.030 Prohibitions and limitations on wastewater discharge.

....

(b) Limitation on Wastewater Strength.

....

<u>Pollutants</u>	<u>Maximum Concentration mg/l*</u>	<u>Mass Loading lbs/24 hrs.</u>
Arsenic	0.22	0.06
Cadmium	0.27	0.08
Chromium (Total)	3.76	0.89
Copper	4.20	0.94
Cyanide	2.85	1.60
Lead	0.90	0.32
Mercury	0.0016	0.00048
Molybdenum	0.14	0.04
Nickel	1.87	0.33
Pentachlorophenol	0.74	0.22
Selenium	0.21	0.06
Silver	0.40	0.13

Agenda Item #6

Zinc

6.06

1.08

*Based on a twenty-four hour composite sample

The control authority may develop Best Management Practices (BMPs), to implement the requirements of 13.62.030 and apply them in industrial wastewater discharge permits.

Section 3. That Section 13.62.040 Control of prohibited wastes, is hereby amended to read as follows:

13.62.040 Control of prohibited wastes. (a) Wastewater Discharge Permits.

....

(6) Permit Conditions.

....

(C) Effluent limits, including Best Management Practices, based on applicable pretreatment standards and local limits as established by this ordinance, and state and local law;

....

(K) Requirements to control Slug Discharge, if determined by the control authority to be necessary;

(~~K~~ L) Other conditions as deemed appropriate by the city to ensure compliance with this chapter.

....

(b) Reporting Requirements for Permittee.

....

(2) Periodic Compliance Reports.

....

(D) If any industrial user subject to the reporting requirement in this subsection (b)(2) monitors any pollutant more frequently than required by the POTW, using the procedures prescribed in this section, the results of this monitoring shall be included in the report.

In cases where a local limit requires compliance with Best Management Practices or pollution prevention alternative, the user shall submit documentation required by the control authority to determine the compliance status of the user.

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(E) The periodic compliance reports shall include the following information:

....

(v) For industrial users subject to equivalent mass or concentration limits established by the POTW in accordance with the procedures in 40 CFR 403.6(c), the report required shall contain a reasonable measure of the users long-term production rate.

(vi) Documentation associated with Best Management Practices required by the facility's permit.

For all other industrial users subject to categorical pretreatment standards expressed only in terms of allowable pollutant discharge per unit of production (or other measure of operation), the report required shall include the user's actual average production rate during the reporting period.

....

(4) Sampling and Analysis Violation Requirements.

....

(B) The POTW performs sampling at the user between the time when the user performs its initial sampling and the time when the user receives the results of this sampling or if the City has performed the sampling and analysis in lieu of the Industrial User.

(6) Notification of Changed Discharge. All industrial users shall promptly notify the POTW in advance of any substantial change in the volume or character of pollutants in their discharge, including the listed or characteristic hazardous wastes for which the industrial user has submitted initial notification under section 13.62.030 (a)(18).

For the purposes of this requirement, substantial changes include, but are not limited to, flow increases or decreases of twenty-five percent or greater, and the discharge of any previously unreported pollutants. Industrial Users are required to notify the POTW immediately of any changes at its facility affecting the potential for a Slug Discharge.

Section 4. 13.62.060 Enforcement procedures, is hereby amended to read as follows:

13.62.060 Enforcement procedures.

....

(i) Annual Publication. The approving authority shall publish, in the largest daily local newspaper, of general circulation that provides meaningful public notice within the jurisdictions served by the City of Wausau by March 31 of each year, a list of the industrial users which, during the previous year, were in significant noncompliance with applicable pretreatment standards or

Agenda Item #6

requirements.

For the purpose of this provision, an a significant industrial user is in significant noncompliance if its violation meets one or more of the following criteria, while a non-significant industrial user has been in significant non-compliance if criteria in subd 3, 4 or 8 apply:

(1) Chronic violations of wastewater discharge limits, defined as those in which sixty-six percent or more of all of the measurements of the industrial user's wastewater for the same pollutant taken during a six-month period exceeded, by any magnitude, the daily maximum or average any numeric pretreatment standard or requirement including an instantaneous limit for the same pollutant parameter;

(2) Technical review criteria (TRC) violations, defined as those in which thirty-three percent or more of all of the measurements of the industrial user's wastewater for each the same pollutant parameter taken during a six-month period equals or exceeds equaled or exceeded the product of the daily maximum limit or the average the numeric pretreatment standard or requirement including an instantaneous limit multiplied by the applicable TRC (TRC= either 1.4 for BOD, TSS, and fats, oil and grease, and; 1.2 for all other pollutants except pH; which is the or exceeded of the upper or lower limits by greater than 0 a pH limit by .4 standard pH units);

....

(6) Failure to provide, within thirty forty-five (45) days after the due date, required reports containing all required monitoring results and other information such as baseline monitoring reports, periodic self-monitoring reports, and reports on compliance schedules;

(7) Failure to accurately report noncompliance; or

(8) Any other violation or group of violations which may include a violation of Best Management Practices, which the approving authority determines will adversely affect the operation or implementation of the local pretreatment program.

(j) Recordkeeping and Records Retention. All discharges subject to this chapter shall retain and preserve for no less than three years, any records, books, documents, memoranda, reports, correspondence and any and all summaries thereof, relating to monitoring, sampling and chemical analyses made by or in behalf of a user in connection with its discharge and documentation associated with Best Management Practices established.

Section 5. Section 13.62.075 Special Provision-Amalgam reduction-Dental, is hereby amended to read as follows:

13.62.075 Special Provision—Amalgam reduction—Dental professionals.

....

(j) Definitions.

....

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"Wausau Water ~~Wausau Water~~ Works staff" includes employees from both the drinking water and wastewater divisions.

Section 6. All ordinances or parts of ordinances in conflict herewith are hereby repealed.

Section 7. Changes approved within this chapter shall take effect January 1, 2015.

Section 8. This ordinance shall be in full force and effect on the day after its publication.

Adopted:
Approved:
Published:
Attest:

Approved:

James E. Tipple, Mayor

Attest:

Toni Rayala, Clerk