

AGENDA

Board of Public Works Meeting
Tuesday, March 24, 2015 – 7:00 P.M.
Jackson Village Hall
N168W20733 Main Street

1. Call to Order and Roll Call.
2. Approval of Minutes for February 24, 2015, meeting.
3. Pay Request #3 – Digester Improvement Project.
4. Review of 2014 Consumer Confidence Report – Jackson Water Utility
5. Announcing the Village of Jackson Spring Cleanup Day – April 25, 2015.
6. Director of Public Works Report.
7. Citizens/Village Staff to address the Board.
8. Adjourn.

Persons with disabilities requiring special accommodations for attendance at the meeting should contact the Village Hall at least one (1) business day prior to the meeting.

It is possible that members of the Village Board may attend the above meeting. No action will be taken by any governmental body at this meeting other than the governmental body specifically referred to in this meeting notice. This notice is given so that members of the Village Board may attend the meeting without violating the open meeting law.

Public Works Report

February 24, 2015

Treatment Plant - Designed Capacity – 1.25 million gallons per day
Peak Flow Capacity – 6.0 million gallons per day

Year 2013

January	Avg. Flow 944,193 g.p.d.	Min. Flow 699,000 g.p.d.	Max. 2.054 MGD
February	Avg. Flow 845,179 g.p.d.	Min. Flow 697,000 g.p.d.	Max. 1.394 MGD
March	Avg. Flow 1.028 MGD	Min. Flow 637,000 g.p.d.	Max. 1.028 MGD
April	Avg. Flow 1.473 MGD	Min. Flow 934,000 g.p.d.	Max. 3.042 MGD
May	Avg. Flow 1.167 MGD	Min. Flow 932,000 g.p.d.	Max. 1.908 MGD
June	Avg. Flow 1.1207 MGD	Min. Flow 859,000 g.p.d.	Max. 1.791 MGD
July	Avg. Flow 777,097 g.p.d.	Min. Flow 643,000 g.p.d.	Max. 1.337 MGD
August	Avg. Flow 673,677 g.p.d.	Min. Flow 551,000 g.p.d.	Max. 1.148 MGD
September	Avg. Flow 629,533 g.p.d.	Min. Flow 532,000 g.p.d.	Max. 761,000 g.p.d.
October	Avg. Flow 688,064 g.p.d.	Min. Flow 600,000 g.p.d.	Max. 884,000 g.p.d.
November	Avg. Flow 763,800 g.p.d.	Min. Flow 660,000 g.p.d.	Max. 1.122 MGD
December	Avg. Flow 697,677 g.p.d.	Min. Flow 564,000 g.p.d.	Max. 802,000 g.p.d.

Year 2014

January	Avg. Flow 695,355 g.p.d.	Min. Flow 626,000 g.p.d.	Max. 822,000 g.p.d.
February	Avg. Flow 659,286 g.p.d.	Min. Flow 581,000 g.p.d.	Max. 874,000 g.p.d.
March	Avg. Flow 941,613 g.p.d.	Min. Flow 611,000 g.p.d.	Max. 1.285 MGD
April	Avg. Flow 1.172 MGD	Min. Flow 814,000 g.p.d.	Max. 3.188 MGD
May	Avg. Flow 947,322 g.p.d.	Min. Flow 688,000 g.p.d.	Max. 1.474 MGD
June	Avg. Flow 1.199 MGD	Min. Flow 732,000 g.p.d.	Max. 2.223 MGD
July	Avg. Flow 846,226 g.p.d.	Min. Flow 670,000 g.p.d.	Max. 1.646 MGD
August	Avg. Flow 743,322 g.p.d.	Min. Flow 603,000 g.p.d.	Max. 1.039 MGD
September	Avg. Flow 646,567 g.p.d.	Min. Flow 532,000 g.p.d.	Max. 759,000 g.p.d.
October	Avg. Flow 707,484 g.p.d.	Min. Flow 584,000 g.p.d.	Max. 898,000 g.p.d.
November	Avg. Flow 698,267 g.p.d.	Min. Flow 581,000 g.p.d.	Max. 1.086 MGD
December	Avg. Flow 788,065 g.p.d.	Min. Flow 658,000 g.p.d.	Max. 1.228 MGD

Year 2015

January	Avg. Flow 667,774 g.p.d.	Min. Flow 617,000 g.p.d.	Max. 713,000 g.p.d.
February	Avg. Flow 620,893 g.p.d.	Min. Flow 591,000 g.p.d.	Max. 662,000 g.p.d.

Years Summary of Water Consumption

2000 Total Pumpage 180,485,400 gallons	2001 Total Pumpage 184,613,300 gallons
2002 Total Pumpage 200,630,000 gallons	2003 Total Pumpage 278,246,000 gallons
2004 Total Pumpage 216,055,000 gallons	2005 Total Pumpage 223,215,000 gallons
2006 Total Pumpage 207,719,000 gallons	2007 Total Pumpage 217,224,000 gallons
2008 Total Pumpage 229,613,000 gallons	2009 Total Pumpage 231,160,000 gallons
2010 Total Pumpage 239,326,000 gallons	2011 Total Pumpage 240,268,000 gallons
2012 Total Pumpage 253,492,000 gallons	2013 Total Pumpage 228,371,000 gallons
2014 Total Pumpage 230,973,000 gallons	

Year 2013

Jan. Avg. 562,000 g.p.d.	Highest Day 837,000 gal.	Total 17,422,000 gallons
Feb Avg 549,820 g.p.d.	Highest Day 718,000 gal	Total 15,395,000 gallons
March Avg. 540,520 g.p.d.	Highest Day 725,000 gal	Total 16,756,000 gallons
April Avg. 585,170 g.p.d.	Highest Day 981,000 gal	Total 17,555,000 gallons
May Avg. 595,810 g.p.d.	Highest Day 752,000 gal.	Total 18,470,000 gallons
June Avg. 681,400 g.p.d.	Highest Day 914,000 gal.	Total 20,442,000 gallons
July Avg. 787,230 g.p.d.	Highest Day 1.039 MGD	Total 24,404,000 gallons
August Avg. 796,580 g.p.d.	Highest Day 1.107 MGD	Total 24,694,000 gallons
Sept Avg. 631,500 g.p.d.	Highest Day 838,000 gal.	Total 18,945,000 gallons
Oct Avg. 850,000 g.p.d.	Highest Day 1.13 MGD	Total 26,310,000 gallons
Nov Avg. 568,600 g.p.d.	Highest Day 731,000 gals.	Total 17,058,000 gallons
Dec Avg. 588,230 g.p.d.	Highest Day 701,000 gals.	Total 18,235,000 gallons

Year 2014

Jan. Avg. 620,550 g.p.d.	Highest Day 789,000 gals.	Total 19,237,000 gallons
Feb. Avg. 612,390 g.p.d.	Highest Day 717,000 gals.	Total 17,147,000 gallons
March Avg. 603,710 g.p.d.	Highest Day 678,000 gals.	Total 18,715,000 gallons
April Avg. 602,600 g.p.d.	Highest Day 1.037 MGD	Total 18,078,000 gallons
May Avg. 599,290 g.p.d.	Highest Day 729,000 gals.	Total 18,578,000 gallons
June Avg. 658,000 g.p.d.	Highest Day 815,000 gals.	Total 19,740,000 gallons
July Avg. 684,320 g.p.d.	Highest Day 881,000 gals.	Total 21,214,000 gallons
August Avg. 703,320 g.p.d.	Highest Day 1.019 MGD	Total 21,803,000 gallons
Sept Avg. 639,170 g.p.d.	Highest Day 747,000 gals.	Total 19,275,000 gallons
October Avg. 658,940 g.p.d.	Highest Day 1.042 MGD	Total 20,427,000 gallons
Nov Avg. 595,800 g.p.d.	Highest Day 733,000 gals.	Total 17,874,000 gallons
Dec Avg. 610,970 g.p.d.	Highest Day 742,000 gals.	Total 18,940,000 gallons

Year 2015

Jan. Avg. 599,680 g.p.d.	Highest Day 719,000 gals.	Total 18,590,000 gallons
Feb Avg. 587,040 g.p.d.	Highest Day 736,000 gals.	Total 16,437,000 gallons

Pump Capacity - Well #1- 400 g.p.m. Well #2 - abandon; Well #3 -900 g.p.m. Well #4 - 1200 g.p.m. Well #5 – 1,100 g.p.m. Well #6 – 800 g.p.m.

WWTP – Holding & Septage Receiving

2005	\$ 87,562.01	2007	\$152,201.07	2009	\$183,815.34	2011	\$220,576.28
2006	\$101,115.11	2008	\$210,441.47	2010	\$197,653.66	2012	\$236,224.70
2013	\$235,336.46	2014	\$203,938.32				

2013	Holdings (gals)	Grease (gals)	G Decant (gals)	Septage (gals)	S Decant (gals)	Total Billings
Jan	1,573,249	44,300	8,000	8,050	52,800	\$15,821.33
Feb	1,403,100	47,400		6,450	46,300	\$14,142.85
March	1,518,450	43,800	28,500	7,250	84,100	\$16,957.58
April	1,764,000	68,200	28,500	38,300	294,900	\$26,445.80
May	1,666,950	17,700	9,800	74,900	182,000	\$21,263.19
June	1,432,600	11,400	4,000	85,750	193,200	\$19,694.61
July	1,549,200	19,800		71,300	166,750	\$19,560.46
August	1,483,850	13,900	24,000	64,300	170,100	\$19,559.73
September	1,306,600	33,200	8,000	69,750	208,200	\$19,658.31
October	1,441,750	52,900	17,000	95,550	335,550	\$26,163.73

2014	Holdings (gals)	Grease (gals)	G Decant (gals)	Septage (gals)	S Decant (gals)	Total Billings
Jan	1,298,100	26,700	8,000	2,000	40,000	\$12,377.30
Feb	1,214,100	42,400	8,000	9,450	16,250	\$12,181.61
March	1,411,000	43,200	5,000	10,300	57,200	\$14,633.31
April	1,634,000	21,800		39,350	191,100	\$19,620.21
May	1,451,750			63,500	199,450	\$18,414.39
June	1,553,200			30,900	253,600	\$19,225.00
July	1,474,650			40,400	205,450	\$17,812.13
August	1,344,650			35,250	187,250	\$16,176.13
September	1,308,700		3,500	54,650	246,050	\$18,292.51
October	1,431,150			89,350	351,950	\$23,106.38
November	1,078,600			66,100	251,214	\$17,013.86
December	1,400,900			12,650	162,910	\$15,085.50

2015	Holdings (gals)	Grease (gals)	G Decant (gals)	Septage (gals)	S Decant (gals)	Total Billings
Jan	1,326,850			10,2500	52,100	\$11,663.89
Feb	1,191,500			2,500	45,400	\$10,171.26

Cranberry Creek Phase 4

The utility plans have been finalized, and approved by the DNR. Scheduling of the pre-construction meeting is next. The project is planned to start sometime in 2015.

Stonewall Ridge Development

The Village is waiting for the developer to propose a new site plan. We will require the final lift of asphalt in the spring of 2015.

Rosewood Drive/TIF #4 Expansion Project

The property is being advertised for sale. Staff meetings are held with potential Developers.

Laurel Springs Subdivision

The installation of street trees and final lift of asphalt remain to complete the subdivision. The developer has completed planting additional street trees on the new completed lots. We will require the final lift of asphalt in the spring of 2015.

English Oaks Subdivision

We will require the final lift of asphalt in the spring of 2015.

GIS Program

We are continuing to make changes to the mapping. Still major changes to the program are coming. Also, the mapping computer is being upgraded for better reliability and security. Many parties are involve to complete the tasks.

Digester Upgrade project

The pump and piping are installed in the first digester. The new roof on the digester is complete with all the old mixing equipment has been removed. The project is waiting for the painter to complete the coal tar application to the piping and the underside of the roof. Also, the roof assembly has been sprayed with foam insulation to increase the heating efficiency of the digester. Once the painting is completed, the crew will pump and clean out the second digester. We are working to complete the project before May and before the neighboring windows are open to enjoy the fresh springtime air.

West Shore Pipeline Break

The Certificate of Substantial Completion has been approved by the Village of Jackson and the Jackson Water Utility. The two year warranty of the system started on December 18, 2014, so the Jackson Water Utility is prepared to work with PTS Contraction in completing the punch list is a timely matter.

Respectfully submitted, Brian W. Kober, P.E.

DRAFT MINUTES

Board of Public Works Meeting

Tuesday, February 24, 2015 – 7:00 P.M.

Jackson Village Hall

N168W20733 Main Street

1. Call to Order and Roll Call.

Chairman Tr. Don Olson called the meeting to order at 7:00 p.m.

Members present: Tr. Jack Lippold, Tr. Scott Mittelsteadt, Brian Heckendorf, Linda Granec, Corinne Benson, and Scott Thielmann.

Members excused: None.

Staff present: Brian Kober and John Walther.

2. Approval of Minutes for January 27, 2015, meeting.

Motion by Corinne Benson, second by Tr. Lippold to approve the minutes of the January 27, 2015, Board of Public Works meeting.

Vote: 7 ayes, 0 nays. Motion carried.

3. Jackson Water Distribution System Extension – Certificate of Substantial Completion No. 1.

This matter was referred to this meeting from the January meeting. Director of Public Works, Brian Kober, commented that in talking with legal counsel, it is recommended that the Board of Public Works recommend the item to the Village Board to recognize that this is a certificate of completion #1. This is one of two parts. The system will not be accepted until all punchlist items are completed. Brian continued that attorney St. Peter suggested the language of “This approval does not constitute a waiver of any claims the Village has against the Town, including, without limitation, the Village’s rights against the Town under the intergovernmental agreement regarding provision of limited water service.”

Tr. Olson commented that his opinion has not changed.

Motion by Tr. Olson, second by Corinne Benson to Refer the item to the March Meeting.

Discussion of the item ensued.

John Walther commented to be very careful as the Village does not have any beef with West Shore. They are looking for certificate of substantial completion of the contract. This is one of two parts. West Shore has done what they said they will do except for a number of punchlist items.

Tr. Lippold questioned the definition of substantial completion. West Shore is stating that it is substantially complete except for the punchlist items. Brian commented that there are some significant items that are not complete such as the flushing station, the plumbing that is not hooked up for reading, and the adjustment to hydrants and valves. On the Town side there is a final lift and grading that needs to be completed. Brian commented that about 15% is yet to be complete.

Tr. Mittelsteadt commented that this is a construction project contract that is complete except for the punchlist items. John commented that substantial completion is not subject to punchlist items in the contract. Before taking ownership the punchlist items need to be completed.

Brian Kober recommended to acknowledge that certificate of substantial completion No. 1 and that there is still punchlist items to be done. This is part 1 of 2 parts. This is not acceptance of the system but recognition of the certificate.

Vote was taken on the Motion.

Vote: 3 ayes, 4 nays. (Tr. Olson, Corinne Benson, and Scott Thielman voted yes; Tr. Lippold, Tr. Mittelsteadt, Brian Heckendorf, and Linda Granec voted no).

Motion Failed.

Motion by Tr. Mittelsteadt to recommend acceptance of the Certificate of Completion No. 1 and that this approval does not constitute a waiver of any claims the Village has against the Town, including, without limitation, the Village's rights against the Town under the intergovernmental agreement regarding provision of limited water service. Second by Tr. Lippold.

Vote: 6 ayes, 1 nays. (Tr. Olson voted no).

Motion carried 6-1.

4. Review of 5 year Capital Improvement Projects for the Village.

Brian Kober reviewed the 5 year Capital Improvement Projects. The item was also presented last fall. Tr. Olson commented that he would like to see funding detail. Discussion of the application of the Park and Ride grant money ensued. The agenda item was a presentation on the report and for information only.

5. WDNR Storm Water Grant, and WI-WPDES Storm Water General Permit.

Brian Kober presented information on the item. Brian commented that the total cost of the project is \$98,695, and that the Grant portion is \$63,695, and the Village's share is \$35,000. The \$35,000 would be spent over a two year period. Brian reviewed the project with a list of the 43 ponds that will be looked at. Ten are the Village's and thirty-three are private.

Motion by Tr. Mittelsteadt, second by Linda Granec to recommend the Village Board continue with the project and allocate the funds of \$35,000 over a two year period.

Vote: 7 ayes, 0 nays. Motion carried.

6. Review and purchase of Toro Sand Pro 3040 Ball Diamond Groomer.

Brian Kober presented information on the item. The Sand Pro will replace the Allis Chalmers Tractor. Motion by Tr. Olson, second by Tr. Lippold to recommend the Village Board approve the Toro Sand Pro 3040 Ball Diamond Groomer in an amount not to exceed \$16,442.

Vote: 7 ayes, 0 nays. Motion carried.

7. Review and Sale of Village Owned Equipment.

Brian Kober presented information on the item to the Committee. He reviewed his memo with equipment detail and the excess Village Property. Motion by Scott Thielmann, second by Corinne Benson to recommend the Village Board approve the sale of Village owned equipment as presented.

Vote: 7 ayes, 0 nays. Motion carried.

8. Digester Improvements Project - Update.

Brian Kober updated the committee on the Digester Improvements Project. The digester had not been cleaned for twenty years. A quote by the contractor of \$50,000 to paint the digester was not accepted. A new roof of treated lumber will be installed. In addition, support to the pipes was

added. The agenda item was an update on the item and for information only.

9. Director of Public Works Report.

Brian Kober reviewed the Public Works Report. Arbor Day is on April 24, 2015. The Village Annual Clean Up day is on April 25, from 9 a.m. to noon. The County Clean Sweep is on May 9th and will be held at the County Shops in West Bend and Slinger.

Motion by Linda Granec, second by Corinne Benson to place the report on file.

Vote: 7 ayes, 0 nays. Motion carried.

10. Citizens/Village Staff to address the Board.

Casey Latz questioned how votes can flip from the committee meeting to the village board meeting.

11. Adjourn.

Motion by Corrine Benson, second by Tr. Lippold to adjourn at 7:40 p.m.

Vote: 7 ayes, 0 nays. Motion carried.

Respectfully submitted by: Deanna L. Boldrey

DRAFT



LETTER OF TRANSMITTAL

Project Name: Digester Improvements Project
Project Number: J0420040
Date: March 10, 2015

To: Brian Kober, P.E.
 Village of Jackson
 N168 W20733 Main Street
 Jackson, WI 53037

Item	Quantity	Date	Description
1	1	3/10/15	Pay Request #3

- Purpose:**
- | | |
|--|---|
| <input type="checkbox"/> For your approval | <input type="checkbox"/> Return of submittal |
| <input type="checkbox"/> For your information | <input type="checkbox"/> No Exception Taken |
| <input type="checkbox"/> For your review and comment | <input type="checkbox"/> Rejected |
| <input type="checkbox"/> As you requested | <input type="checkbox"/> Submit Specified Item |
| <input checked="" type="checkbox"/> Original Copies | <input type="checkbox"/> Make Corrections Noted |
| <input checked="" type="checkbox"/> For your signature | <input type="checkbox"/> Revise and Resubmit |
| <input type="checkbox"/> For your quotation | <input type="checkbox"/> |

Remarks:

Please find enclosed the aforementioned documents. The Pay Request is ready for your review and payment. If you have any questions, please give me a call at (262) 657-1550.

Signed: 
 Gregory J. Droessler, P.E.

Copies:



March 10, 2015

Mr. Brian Kober, P.E.
Village of Jackson
N168 W20733 Main Street
Jackson, WI 53037

Re: Digester Improvements Project

Dear Mr. Kober:

Clark Dietz, Inc. has reviewed the third pay request from Sabel Mechanical, LLC for the Digester Improvements Project currently underway at the wastewater treatment plant. The total amount requested on this draw is \$27,509.00 for the following work completed:

- Demolition of the roof of the cover on digester #1.
- Pipe demolition in the basement of the digester building.
- Installation of the pump and mixing system in digester #1.
- Installation of the control panels, as well as the pump control and power wiring for the new mixing pumps.

Less the 5% retainage, Sabel is requesting a payment of \$26,133.55. At this time Clark Dietz, Inc. takes no exceptions to their request and recommends payment by the Village. It should be noted that no trailing partial lien waivers were provided with this application as the payment for pay request #2 has not yet been delivered to Sabel.

Sincerely,
Clark Dietz, Inc.



Gregory J. Droessler, P.E.
Project Manager

APPLICATION AND CERTIFICATE FOR PAYMENT

TO OWNER:
 Village of Jackson
 N168 W20733 Main Street
 Jackson, WI 53037

PROJECT:
 Village of Jackson WWTP
 Digester Improvements
 Jackson, WI 53037
VIA ARCHITECT:
 Clark Deitz, Inc
 5017 Green Bay Road
 Suite 126

APPLICATION #: 1010-3
PERIOD TO: 03/02/15
PROJECT NOS:

Distribution to:

<input type="checkbox"/>	Owner
<input type="checkbox"/>	Const. Mgr
<input checked="" type="checkbox"/>	Architect
<input type="checkbox"/>	Contractor

CONTRACT DATE: 08/01/14

CONTRACT FOR: Digester Improvements

Kenosha, WI 53144

CONTRACTOR'S APPLICATION FOR PAYMENT

Application is made for payment, as shown below, in connection with the Contract. Continuation Sheet is attached.

The undersigned Contractor certifies that to the best of the Contractor's knowledge, information and belief the Work covered by this Application for Payment has been completed in accordance with the Contract Documents, that all amounts have been paid by the Contractor for Work for which previous Certificates for Payment were issued and payments received from the Owner, and that current payment shown therein is now due.

1. ORIGINAL CONTRACT SUM -----	\$ 367,900.00
2. Net change by Change Orders -----	\$
3. CONTRACT SUM TO DATE (Line 1 +/- 2)	\$ 367,900.00
4. TOTAL COMPLETED & STORED TO DATE-\$ (Column G on Continuation Sheet)	\$ 86,182.10

5. RETAINAGE:

- a. 5.0% of Completed Work
(Columns D+E on Continuation Sheet) \$ 4,309.11
- b. 10.0% of Stored Material
(Column F on Continuation Sheet) \$

Total Retainage (Line 5a + 5b or Total in Column 1 of Continuation Sheet)	\$ 4,309.11
6. TOTAL EARNED LESS RETAINAGE ----- (Line 4 less Line 5 Total)	\$ 81,873.00

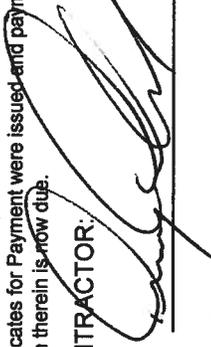
7. LESS PREVIOUS CERTIFICATES FOR PAYMENT

(Line 6 from prior Certificate)	\$ 55,739.45
8. CURRENT PAYMENT DUE -----	\$ 26,133.55

9. BALANCE TO FINISH, INCLUDING RETAINAGE

(Line 3 less Line 6) \$ 286,027.01

CONTRACTOR:



By: _____ **Date:** 3/2/15

State of: _____

County of: _____

Subscribed and sworn to before me this _____ **day of** _____

Notary Public: _____
My Commission expires: _____

CERTIFICATE FOR PAYMENT

In accordance with Contract Documents, based on on-site observations and the data comprising application, the Architect certifies to the Owner that to the best of the Architect's knowledge, information and belief the Work has progressed as indicated, the quality of the Work is in accordance with the Contract Documents, and the Contractor is entitled to payment of the AMOUNT CERTIFIED.

AMOUNT CERTIFIED ----- \$

(Attach explanation if amount certified differs from the amount applied for. Initial all figures on this application and on the Continuation Sheet that are changed to conform to the amount certified.)

ARCHITECT:

By: _____ **Date:** _____

This Certificate is not negotiable. The AMOUNT CERTIFIED is payable only to the Contractor named herein. Issuance, payment and acceptance of payment are without prejudice to any rights of the Owner of Contractor under this Contract.

CHANGE ORDER SUMMARY	ADDITIONS	DEDUCTIONS
Total changes approved in previous months by Owner		
Total approved this Month		
TOTALS		
NET CHANGES by Change Order		

CONTINUATION SHEET

ATTACHMENT TO PAY APPLICATION

APPLICATION NUMBER: 1010-3

PROJECT:

APPLICATION DATE: 08/19/14

Village of Jackson WWTP
 Digester Improvements
 Jackson, WI 53037

PERIOD TO: 2-Mar-15

ARCHITECT'S PROJECT NO:

A Item No.	B Description of Work	C Scheduled Value		D Work Completed		E Completed This Period	F Materials Presently Stored (Not In D or E)	G		H Balance To Finish (C - G)	I Retainage
		From Previous Application (D + E)	Total Completed And Stored To Date (D + E + F)	% (G/C)	Total Completed And Stored To Date (D + E + F)						
1	General Contract work	29,317.00	17,435.62	375.00		375.00		61%	17,810.62	11,506.38	890.53
2	General Demolition Work	13,060.00		8,985.00		8,985.00		69%	8,985.00	4,075.00	449.25
3	Painting Work	14,880.00								14,880.00	
4	Process Piping	47,544.00	19,237.48	10,649.00		10,649.00		63%	29,886.48	17,657.52	1,494.32
5	Electrical Work	33,659.00	22,000.00	7,500.00		7,500.00		88%	29,500.00	4,159.00	1,475.00
6	Digester Mxing Equipment	114,000.00								114,000.00	
7	Digester Covers	55,440.00								55,440.00	
8	Allowance	20,000.00								20,000.00	
9	Digester Inspection	40,000.00								40,000.00	
10											
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SUBTOTALS PAGE 2		367,900.00	58,673.10	27,509.00		27,509.00		23%	86,182.10	281,717.90	4,309.11



Drinking Water Report

2014 Consumer Confidence Report

Jackson Water Utility

N168 W20733 Main St

P.O. Box 637

Jackson, WI. 53037

watersuper@villageofjackson.com

The Jackson Water Utility is pleased to provide you with the 2014 Drinking Water Report. We want to keep you informed about the quality of water and services that are delivered to you every day. We are committed to serving our users by meeting the daily challenges of providing a safe and adequate supply of water in all circumstances.

WATER SOURCE - 100% ground water, obtained from five (5) active producing wells, which two (2) of the wells are artesian flowing. Other facilities include two (2) water towers for a combined storage capacity of 700,000 gallons and one (1) booster station. The utility uses chlorine as a disinfecting agent and an orthophosphate and phosphate blend to the drinking water. This blend of phosphates is a sequestering agent used to control red water, discoloration, scale deposits, and corrosion of watermains, service lines and plumbing. Phosphorus is a major component in a persons diet and is found in almost all foods. The National Sanitation Foundation and the Underwriters Laboratories approve this food grade formula for use in public drinking water. The utility also maintains a total of approximately 40 miles of water main and 3114 customers connected to those mains. In 2014, the water utility pumped a total of 231 million gallons of water.

HEALTH and EDUCATION – The sources of drinking water, both tap water and bottle water, include rivers, lakes, streams, ponds, reservoirs, springs, and wells. As water travels through the ground, it dissolves naturally occurring minerals, and in some cases, radioactive material, and can pick up substances resulting from the presence of animals or from human activity. All sources of drinking water are subject to potential contamination by constituents that are naturally occurring or are man made. Those constituents can be microbes, organic or inorganic chemicals, or radioactive materials. Please remember that the presence of these constituents does not necessarily pose a health risk. The *Jackson Water Utility* routinely monitors for constituents in your drinking water according to Federal and State laws. The following table shows the results of our monitoring as of December 31st, 2014. All drinking water may be reasonably expected to contain at least small amounts of some constituents. Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. EPA/CDC guidelines on appropriate means to lessen the risk of infection by cryptosporidium and other microbiological contaminants are available from the Safe Drinking Water Hotline 1-800-426-4791.

WATER SYSTEM INFORMATION AND OPPORTUNITIES FOR INPUT - The Jackson Water Utility is pleased to report that our system had no violations and that the drinking water is safe and meets federal and state requirements. If you have any questions about this report or your water utility, please contact *Brian Kober, P.E., Director of Public Works* or *Dan Rathke, Water Superintendent at 262-677-9001*. The Jackson Water Utility wants the valued customers to be informed about their water utility. In the continuing efforts to maintain a safe and dependable water supply, there may be times necessary to make improvements to the water system. The costs of these improvements may be reflected in the rate structure. Rate adjustments may be necessary in order to address these improvements. Also, you are invited to attend any of our regularly scheduled Village Board meetings. Village board meets the second Tuesday of each month at 7:30 PM, and the board of Public Works meets the last Tuesday of each month at 7:30 PM.

Thank you for allowing the Jackson Water Utility to continue providing your family with clean, quality water. The Jackson Water Utility works around the clock to provide top quality water to every tap. We ask that all our customers help us protect our water sources, which are the heart of our community, our way of life and our children's future.

DEFINITIONS - In this table you will find many terms and abbreviations you might not be familiar with. To help you better understand these terms we've provided the following definitions:

Non-Detects (ND) - laboratory analysis indicates that the constituent is not present.

Parts per million (ppm) or Milligrams per liter (mg/l) - one part per million corresponds to one minute in two years or a single penny in \$10,000.

Parts per billion (ppb) or Micrograms per liter (ug/l) - one part per billion corresponds to one minute in 2,000 years, or a single penny in \$10,000,000.

Parts per trillion (ppt) or Nanograms per liter (nanograms/l) - one part per trillion corresponds to one minute in 2,000,000 years, or a single penny in \$10,000,000,000.

Parts per quadrillion (ppq) or Picograms per liter (picograms/l) - one part per quadrillion corresponds to one minute in 2,000,000,000 years or one penny in \$10,000,000,000,000.

Picocuries per liter (pCi/L) - picocuries per liter is a measure of the radioactivity in water.

Millirems per year (mrem/yr) - measure of radiation absorbed by the body.

Million Fibers per Liter (MFL) - million fibers per liter is a measure of the presence of asbestos fibers that are longer than 10 micrometers.

Nephelometric Turbidity Unit (NTU) - nephelometric turbidity unit is a measure of the clarity of water. Turbidity in excess of 5 NTU is just noticeable to the average person.

Action Level (AL) the concentration of a contaminant, which, if exceeded, triggers treatment or other requirements that a water system must follow.

Treatment Technique (TT) - (mandatory language) A treatment technique is a required process intended to reduce the level of a contaminant in drinking water.

Maximum Contaminant Level - (mandatory language) The "Maximum Allowed" (MCL) is the highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLGs as feasible using the best available treatment technology.

Maximum Contaminant Level Goal - (mandatory language) The "Goal"(MCLG) is the level of a contaminant in drinking water below that there is no known or expected risk to health. MCLG's allow for a margin of safety.

Maximum residual disinfectant level - (MRDL) The highest level of disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfection is necessary for control of microbial contaminants.

Maximum residual disinfectant level goal - (MRDLG) The level of a drinking water disinfectant below which there is no

known or expected risk to health. MRDLG's do not reflect the benefits of the use of disinfectants to control microbial contaminants.

MCL's are set at very stringent levels. To understand the possible health effects described for many regulated constituents, a person would have to drink 2 liters of water every day at the MCL level for a lifetime to have a one-in-a-million chance of having the described health effect.

Total Coliform: The Total Coliform Rule (TCR) requires water systems to meet a stricter limit for coliform bacteria. Coliform bacteria are usually harmless, but their presence in water can be an indication of disease-causing bacteria. When coliform bacteria are found, special follow-up tests are done to determine if harmful bacteria are present in the water supply. If this limit is exceeded, the water supplier must notify the public by newspaper, television or radio. To comply with the stricter regulation, we have increased the average amount of chlorine in the distribution system.

Nitrates: As a precaution we always notify physicians and health care providers in this area if there is ever a higher than normal level of nitrates in the water supply.

Lead: Lead in drinking water is rarely the sole cause of lead poisoning, but it can add to a person's total lead exposure. All potential sources of lead in the household should be identified and removed, replaced or reduced.

Hardness: Water described as "hard" is high in dissolved minerals, specifically calcium and magnesium. Hard water is not a health risk, but a nuisance because of mineral buildup on plumbing fixtures and poor soap and/or detergent performance. **What is the hardness level of Jackson's Municipal Water System?** Jackson's water hardness is 22 grains/gallon or 380 parts/million; the iron content is 0.4 milligrams per liter or 1/2 part/million.

TEST RESULTS						
Microbiological Contaminants						
Contaminant	Violation Y/N	Level Detected	Unit Measurement	MCLG	MCL	Likely Source of Contamination
Total Coliform Bacteria	N	0		0	presence of coliform bacteria in 5% of monthly samples	Naturally present in the environment
Fecal coliform and <i>E.coli</i>	N	0		0	a routine sample and repeat sample are total coliform positive, and one is also fecal coliform or <i>E. coli</i> positive	Human and animal fecal waste
Turbidity	N/A	N/A		N/A	TT	Soil runoff
Disinfection Byproducts Contaminants						
TTHM	N	21.2	ppb	0	80	By-products of drinking water chlorination
HAA5	N	12	ppb	60	60	By-products of drinking water chlorination
Unregulated Contaminants						
Bromodichloromethane	N	4.3	ppb	N/A	N/A	N/A
Bromoform	N	.18	ppb	N/A	N/A	N/A
Chloroform	N	12	ppb	N/A	N/A	N/A
Chloromethane	N	0.14	ppb	N/A	N/A	N/A
Dibromochloromethane	N	1.7	ppb	N/A	N/A	N/A
Radioactivity						
Contaminant	Violation	Level	Unit	MCLG	MCL	Likely Source of Contamination

	Y/N	Detected	Measurement			
Beta/photon emitters	N	ND	mrem/yr	0	4	Decay of natural and man-made deposits
Alpha emitters	N	2.1	pCi/1	0	15	Erosion of natural deposits
Combined radium	N	1.4	pCi/1	0	5	Erosion of natural deposits

Inorganic Contaminants						
	Y/N	Detected	Measurement			
Antimony	N	ND	ppb	6	6	Discharge from petroleum refineries; fire retardants; ceramics; electronics; solder
Arsenic	N	5	ppb	N/A	10	Erosion of natural deposits; runoff from orchards; runoff from glass and electronics production wastes
Asbestos	---	---	MFL	7	7	Decay of asbestos cement water mains; erosion of natural deposits
Barium	N	0.097	ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
Beryllium	N	ND	ppb	4	4	Discharge from metal refineries and coal-burning factories; discharge from electrical, aerospace, and defense industries
Cadmium	N	0.3	ppb	5	5	Corrosion of galvanized pipes; erosion of natural deposits; discharge from metal refineries; runoff from waste batteries and paints
Chromium	N	4	ppb	100	100	Discharge from steel and pulp mills; erosion of natural deposits
Copper	N*	0.57	ppm	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
Fluoride	N	0.2	ppm	4	4	Erosion of natural deposits; Water additive which promotes strong teeth; discharge from fertilizer and aluminum factories
Lead	N*	2.9	ppb	0	AL=15	Corrosion of household plumbing systems, erosion of natural deposits
Mercury (inorganic)	N	ND	ppb	2	2	Erosion of natural deposits; discharge from refineries and factories; runoff from landfills; runoff from cropland
Nickel	N	2.0	ppb		100	Nickel occurs naturally in soils, ground water and surface waters and is often used in electroplating stainless steel and alloy products
Nitrate (as Nitrogen)	N	2.6	ppm	10	10	Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits
Selenium	N	ND	ppb	50	50	Discharge from petroleum and metal refineries; erosion of natural deposits; discharge from mines
Sodium	N	15	ppm	N/A	N/A	N/A
Thallium	N	.2	ppb	0.5	2	Leaching from ore-processing sites; discharge from electronics, glass, and drug factories
<p>* systems exceeding a lead and/or copper action level must take action to reduce lead and/or copper in the drinking water. The lead and copper values represent the 90th percentile of all compliance samples collected. If you want information on the number of sites, please contact the Jackson Water Utility.</p>						

Synthetic Organic Contaminants including Pesticides and Herbicides

Contaminant	Violation Y/N	Level Detected	Unit Measurement	MCLG	MCL	Likely Source of Contamination
2,4-D	N	ND	ppb	70	70	Runoff from herbicide used on row crops
2,4,5-TP (Silvex)	N	ND	ppb	50	50	Residue of banned herbicide
Acrylamide	N	ND		0	TT	Added to water during sewage/wastewater treatment
Alachlor	N	ND	ppb	0	2	Runoff from herbicide used on row crops
Atrazine	N	ND	ppb	3	3	Runoff from herbicide used on row crops
Benzo(a)pyrene (PAH)	N	ND	nanograms/l	0	200	Leaching from linings of water storage tanks and distribution lines
Carbofuran	N	ND	ppb	40	40	Leaching of soil fumigant used on rice and alfalfa
Chlordane	N	ND	ppb	0	2	Residue of banned termiticide
Dalapon	N	ND	ppb	200	200	Runoff from herbicide used on rights of way
Di(2-ethylhexyl)adipate	N	ND	ppb	400	400	Discharge from chemical factories
Di(2-ethylhexyl)phthalate	N	1.5	ppb	0	6	Discharge from rubber and chemical factories
Dibromochloropropane	N	ND	nanograms/l	0	200	Runoff/leaching from soil fumigant used on soybeans, cotton, pineapples, and orchards
Dinoseb	N	ND	ppb	7	7	Runoff from herbicide used on soybeans and vegetables
Diquat	N	ND	ppb	20	20	Runoff from herbicide use
Dioxin [2,3,7,8-TCDD]	-	-	picograms/l	0	30	Emissions from waste incineration and other combustion; discharge from chemical factories
Endothall	N	ND	ppb	100	100	Runoff from herbicide use
Endrin	N	ND	ppb	2	2	Residue of banned insecticide
Epichlorohydrin	-	-		0	TT	Discharge from industrial chemical factories; an impurity of some water treatment chemicals
Ethylene dibromide	N	ND	nanograms/l	0	50	Discharge from petroleum refineries
Glyphosate	N	ND	ppb	700	700	Runoff from herbicide use
Heptachlor	N	ND	nanograms/l	0	400	Residue of banned termiticide
Heptachlor epoxide	N	ND	nanograms/l	0	200	Breakdown of heptachlor
Hexachlorobenzene	N	ND	ppb	0	1	Discharge from metal refineries and agricultural chemical factories
Hexachlorocyclo-pentadiene	N	ND	ppb	50	50	Discharge from chemical factories
Lindane	N	ND	nanograms/l	200	200	Runoff/leaching from insecticide used on cattle, lumber, gardens
Methoxychlor	N	ND	ppb	40	40	Runoff/leaching from insecticide used on fruits, vegetables, alfalfa, livestock
Oxamyl [Vydate]	N	ND	ppb	200	200	Runoff/leaching from insecticide used on apples, potatoes and tomatoes
PCBs [Polychlorinated biphenyls]	N	ND	nanograms/l	0	500	Runoff from landfills; discharge of waste chemicals
Pentachlorophenol	N	ND	ppb	0	1	Discharge from wood preserving factories
Picloram	N	ND	ppb	500	500	Herbicide runoff
Simazine	N	ND	ppb	4	4	Herbicide runoff
Toxaphene	N	ND	ppb	0	3	Runoff/leaching from insecticide used on cotton and cattle

Volatile Organic Contaminants

Contaminant	Violation Y/N	Level Detected	Unit Measurement	MCLG	MCL	Likely Source of Contamination
Benzene	N	0.1	ppb	0	5	Discharge from factories; leaching from gas storage tanks and landfills
Carbon tetrachloride	N	ND	ppb	0	5	Discharge from chemical plants and other industrial activities
Chlorobenzene	N	ND	ppb	100	100	Discharge from chemical and agricultural chemical factories
o-Dichlorobenzene	N	ND	ppb	600	600	Discharge from industrial chemical factories
1,2-Dichloroethane	N	ND	ppb	0	5	Discharge from industrial chemical factories
1,1 - Dichloroethylene	N	ND	ppb	7	7	Discharge from industrial chemical factories
cis-1,2Dichloroethylene	N	ND	ppb	70	70	Discharge from industrial chemical factories
trans-1,2Dichloroethylene	N	ND	ppb	100	100	Discharge from industrial chemical factories
Dichloromethane	N	.3 Average	ppb	0	5	Discharge from pharmaceutical and chemical factories
1,2-Dichloropropane	N	ND	ppb	0	5	Discharge from industrial chemical factories
Ethylbenzene	N	ND	ppb	700	700	Discharge from petroleum refineries
Styrene	N	ND	ppb	100	100	Discharge from rubber and plastic factories; leaching from landfills
Tetrachloroethylene	N	ND	ppb	0	5	Leaching from PVC pipes; discharge from factories and dry cleaners
1,2,4-Trichlorobenzene	N	ND	ppb	70	70	Discharge from textile-finishing factories
1,1,1 - Trichloroethane	N	ND	ppb	200	200	Discharge from metal degreasing sites and other factories
1,1,2 - Trichloroethane	N	ND	ppb	3	5	Discharge from industrial chemical factories
Trichloroethylene	N	ND	ppb	0	5	Discharge from metal degreasing sites and other factories
Toluene	N	ND	ppm	1	1	Discharge from petroleum factories
Vinyl Chloride	N	ND	ppb	0	2	Leaching from PVC piping; discharge from plastics factories
Xylenes	N	ND	ppm	10	10	Discharge from petroleum factories; discharge from chemical factories

Memo

To: Board of Public Works
From: Brian W. Kober, P. E., Director of Public Works
Subject: Spring Cleanup Day and Yard Waste/Brush Pickup
Date: March 3, 2015
CC: Village Board

The 2015 Spring Clean-up day is scheduled for Saturday, April 25, 2015 from 9:00 AM to 12:00 PM. The residents will be able to drop off bags of leaves or yard waste, household waste (TV, microwaves, furniture, computers, etc.), and metal. The following is a breakdown of the proposed schedule for chipping and bag pick-up for the year:

Spring Season

Chipping and Bag Pick-up will start on Monday, April 27, 2015 and then each Monday until Tuesday, May 26th.

Fall Season

Chipping and Bag Pick-up will start again on Monday, October 5th and then each Monday until Monday, November 23th. The crew will continue until the leaves are gone, or the snow flies.

Summer Season

Chipping will only be done during the summer months. Every third Monday has been scheduled: June 15th, July 20th, Aug 17th, and Sept 21st, or after a storm.

Notification will be done on the school sign, in the quarterly newsletter, and website will be conducted to inform the residents. The money being saved on bag pick-up will be used for the cost associated with the Spring Cleanup Day.

If you have any questions please let me know.

Brian W. Kober, P.E.