

AGENDA

Board of Public Works Meeting
Tuesday, April 26, 2016 – 7:00 P.M.
Jackson Village Hall
N168W20733 Main Street

1. Call to Order and Roll Call.
2. Approval of Minutes for March 29, 2016, meeting.
3. Pay Request #8 - Digester Improvement Project – Final Payment.
4. Discussion on Industrial Drive Sidewalk.
5. Director of Public Works Report.
6. Citizens/Village Staff to address the Board.
7. 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.

DRAFT MINUTES
Board of Public Works Meeting
Tuesday, March 29, 2016 – 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: Brian Heckendorf, Scott Thielmann, Corinne Benson, Tr. Mittelsteadt, and Tr. Jack Lippold.

Members excused: Linda Granec

Staff present: John Walther and Brian Kober

2. Approval of Minutes for February 23, 2016 meeting.

Motion by Corinne Benson, second by Scott Thielmann to approve the minutes of the February 23, 2016, Board of Public Works meeting.

Vote: 6 ayes, 0 nays. Motion carried.

3. Review of Bids for Wilshire Drive Reconstruction Project.

Brian Kober commented that there were seven bidders on the project. Brian held an information meeting of the project prior to the meeting. He commented that they will work around the Village rummage sale days. The project if approved will start at the end of April and will be completed in July. Laterals will be televised. There is a special needs person that the Village and construction will work with. Additionally, the Ash trees will be replaced.

Buteyn-Peterson at \$772,087.50 was the low bidder. Motion by Chairperson Olson, second by Tr. Lippold to recommend the Village Board approve Buteyn-Peterson not to exceed \$772,087.50.

Vote: 6 ayes, 0 nays. Motion carried.

4. Resolution 16-05 Special Assessment Area Wilshire Drive Reconstruction Project.

Brian Kober presented information on the assessment area. Motion by Tr. Mittelsteadt, second by Brian Heckendorf to recommend the Village Board approve Resolution 16-05 Special Assessment Area Wilshire Drive Reconstruction Project.

Vote: 6 ayes, 0 nays. Motion carried.

5. Review of parking lot improvement for Piggly Wiggly on Eagle Drive.

Brian Kober presented information as this is a solution for the parking lot puddles when it rains. The proposal includes a rain garden, regrading of the ditches and installation of new culverts. There will be regrading to Eagle Drive for the water to drain away. Future reconstruction of Eagle Drive will determine the need for sidewalk along Eagle Drive. The entrance of the parking lot is moved to the center of the building. Brian commented that a maintenance plan is needed. Motion by Scott Thielmann commented to continue with the plan and the Piggly Wiggly will come forward with a maintenance plan that meets the approval of Mr. Kober.

Vote: 6 ayes, 0 nays. Motion carried.

6. Review of Sewer and Water Connection for Living Word Dorm Building.

Brian Kober presented information on the item. The proposal is for a student dorm by Living Word High School. The building is 20 dorm rooms and 1 dorm resident for a total of 21. This is extra-territorial review to allow the connection of sanitary sewer and water main to the building. Chairperson Olson commented to table the item because of the lawsuit with the Town. Motion by Brian Heckendorf, second by Tr. Mittelsteadt to recommend approval of the sewer water connection for the Living Word Dorm Building.
Vote: 5 ayes, 1 nay (Chairperson Olson). Motion carried.

7. Review of Jackson Storm Water Management Plan.

Brian Kober presented information on the item. Graef Engineering has been working very effectively and efficiently that the original contract has money left, so there is a new proposal to complete more work pertaining to Storm Water Management, and spend the rest of the DNR grant or lose it. Brian distributed a list of the ponds in the Village, and reviewed with the Board the current condition of the ponds by pointing out the percent of Total Suspended Solids on the report. The item was for information only so no motion was necessary.

8. Review of the 2015 Jackson Water Utility CCR.

Brian Kober reviewed the 2015 Jackson Water Utility Consumer Confidence Report. Motion by Tr. Lippold, second by Corinne Benson to recommend the Village Board approve the 2015 Consumer Confidence Report.
Vote: 6 ayes, 0 nays. Motion carried.

9. Director of Public Works Report.

Brian Kober reviewed the Public Works Report. Motion by Tr. Lippold, second by Scott Thielmann to place the report on file.
Vote: 6 ayes, 0 nays. Motion carried.

10. Citizens/Village Staff to address the Board.

None.

11. Adjourn.

Motion by Corinne Benson, second by Tr. Mittelsteadt to adjourn at 8:03 p.m.
Vote: 6 ayes, 0 nays. Motion carried.

Respectfully submitted by: Brian W. Kober, P.E., Director of Public Works



April 22, 2016

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 eighth and final pay request from Sabel Mechanical, LLC for the Digester Improvements Project at the wastewater treatment plant. The total amount requested on this draw is \$19,158.31 for retainage. All items of work have been completed and reimbursed. Clark Dietz, Inc. takes no exception to this request and recommends payment in full by the Village.

The \$150,000.00 remaining in the total contract amount will not be paid to the contractor. Included in that \$150,000.00 is \$90,000.00 for mixing equipment that the Village purchased independently, \$40,000 for a digester inspection that was deleted from the project, and a \$20,000.00 allowance that was not used during the course of the project. The total contract amount is therefore \$383,166.11.

Please feel free to contact me with any questions.

Sincerely,

Clark Dietz, Inc.

A handwritten signature in cursive script that reads 'Diane L. Thoune'.

Diane L. Thoune, P.E.
Project Engineer
E-mail diane.thoune@clarkdietz.com

cc:

APPLICATION AND CERTIFICATE FOR PAYMENT

TO OWNER:
 Village of Jackson
 N168 W20733 Main Street
 Jackson, WI 53037
FROM CONTRACTOR:
 Sabel Mechanical LLC
 N7295 Winnebago Drive
 Fond du Lac, WI 54935

PROJECT:
 Village of Jackson WWTP
 Digester Improvements
 Jackson, WI 53037
VIA ARCHITECT:
 Clark Deitz, Inc
 5017 Green Bay Road
 Suite 126
 Kenosha, WI 53144

APPLICATION #: 1010-8 **Distribution to:**
PERIOD TO: 04/12/16
PROJECT NOS: _____
CONTRACT DATE: 08/01/14

Owner
 Const. Mgr
 Architect
 Contractor

CONTRACTOR'S APPLICATION FOR PAYMENT

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

1. ORIGINAL CONTRACT SUM -----	\$	367,900.00
2. Net change by Change Orders -----	\$	165,266.11
3. CONTRACT SUM TO DATE (Line 1 +/- 2)	\$	533,166.11
4. TOTAL COMPLETED & STORED TO DATE -\$		383,166.11

5. RETAINAGE:

a. 5.0% of Completed Work	\$	
(Columns D+E on Continuation Sheet)		
b. 10.0% of Stored Material	\$	
(Column F on Continuation Sheet)		
Total Retainage (Line 5a + 5b or		
Total in Column 1 of Continuation Sheet-----	\$	

6. TOTAL EARNED LESS RETAINAGE -----	\$	383,166.11
(Line 4 less Line 5 Total)		
7. LESS PREVIOUS CERTIFICATES FOR PAYMENT	\$	364,007.80
(Line 6 from prior Certificate)-----		
8. CURRENT PAYMENT DUE -----	\$	19,158.31
9. BALANCE TO FINISH, INCLUDING RETAINAGE	\$	150,000.00
(Line 3 less Line 6)		

CHANGE ORDER SUMMARY	ADDITIONS	DEDUCTIONS
Total changes approved in previous months by Owner	\$165,266.11	
Total approved this Month		
TOTALS	\$165,266.11	
NET CHANGES by Change Order	\$165,266.11	

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.

CONTRACTOR: _____
 By:  Date: 4/12/16

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.

CONTINUATION SHEET

ATTACHMENT TO PAY APPLICATION

PROJECT:
 Village of Jackson WWTP
 Digester Improvements
 Jackson, WI 53037

Page 2 of 2 Pages

APPLICATION NUMBER: 1010-8
 APPLICATION DATE: 04/12/16
 PERIOD TO: 12-Apr-16
 ARCHITECT'S PROJECT NO:

A Item No.	B Description of Work	C Scheduled Value	D Work Completed		E This Period	F Materials Presently Stored (Not In D or E)	G Total Completed And Stored To Date (D + E + F)	% (G/C)	H Balance To Finish (C - G) Credit to owner	I Retainage
			From Previous Application (D + E)							
1	General Contract work	29,317.00	29,317.00				29,317.00	100%		1,465.85
2	General Demolition Work	13,060.00	13,060.00				13,060.00	100%		653.00
3	Painting Work	14,880.00	14,880.00				14,880.00	100%		744.00
4	Process Piping	47,544.00	47,544.00				47,544.00	100%		2,377.20
5	Electrical Work	33,659.00	33,659.00				33,659.00	100%		1,682.95
6	Digester Mixing Equipment	114,000.00	24,000.00				24,000.00	21%	90,000.00	1,200.00
7	Digester Covers	55,440.00	55,440.00				55,440.00	100%		2,772.00
8	Allowance	20,000.00							20,000.00	
9	Digester Inspection	40,000.00							40,000.00	
10	Scaffold	17,644.00	17,644.00				17,644.00	100%		882.20
11	Paint digester 2 cover (Change order #1)	58,160.00	58,160.00				58,160.00	100%		2,908.00
12	Digester 2 miscellaneous (Change order 1)	30,979.60	30,979.60				30,979.60	100%		1,548.98
13	Additional steel work #2 (Change order 1)	34,879.00	34,879.00				34,879.00	100%		1,743.95
14	Piping changes 4/9/15	8,857.15	8,857.15				8,857.15	100%		442.86
15	Piping changes 6/4/15	14,746.36	14,746.36				14,746.36	100%		737.32
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SUBTOTALS PAGE 2		533,166.11	383,166.11				383,166.11	72%	150,000.00	19,158.31



Years Summary of Water Consumption

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	2015 Total Pumpage 222,621,000 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
March	Avg.	582,970 g.p.d.	Highest Day 698,000 gals.	Total	18,072,000 gallons
April	Avg.	601,370 g.p.d.	Highest Day 928,000 gals.	Total	18,041,000 gallons
May	Avg.	585,260 g.p.d.	Highest Day 698,000 gals.	Total	18,143,000 gallons
June	Avg.	640,430 g.p.d.	Highest Day 779,000 gals.	Total	19,213,000 gallons
July	Avg.	722,550 g.p.d.	Highest Day 989,000 gals.	Total	22,399,000 gallons
August	Avg.	733,420 g.p.d.	Highest Day 1.197 MGD	Total	22,736,000 gallons
Sept	Avg.	615,700 g.p.d.	Highest Day 753,000 gals.	Total	18,471,000 gallons
Oct	Avg.	594,840 g.p.d.	Highest Day 945,000 gals	Total	18,440,000 gallons
Nov	Avg.	492,630 g.p.d.	Highest Day 599,000 gals	Total	14,779,000 gallons
Dec	Avg.	555,480 g.p.d.	Highest Day 637,000 gals	Total	17,220,000 gallons

Year 2016

Jan.	Avg.	580,680 g.p.d.	Highest Day 734,000 gals.	Total	18,001,000 gallons
Feb.	Avg.	603,930 g.p.d.	Highest Day 710,000 gals.	Total	17,514,000 gallons
March	Avg.	586,650 g.p.d.	Highest Day 693,000 gals.	Total	18,186,000 gallons

Pump Capacity - Well #1- 400 g.p.m. 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	2006	\$101,115.11	2007	\$152,201.07	2008	\$210,441.47
2009	\$183,815.34	2010	\$197,653.66	2011	\$220,576.28	2012	\$236,224.70
2013	\$235,336.46	2014	\$203,938.32	2015	\$210,644.47		

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			10,250	52,100	\$11,663.89
Feb	1,191,500			2,500	45,400	\$10,171.26
March	1,507,900			16,150	85,900	\$14,102.76
April	1,668,450			35,250	398,200	\$23,878.38
May	1,190,850			31,100	148,600	\$13,890.38
June	1,407,600			37,750	349,100	\$20,794.50
July	1,485,950			33,830	243,660	\$18,589.33
August	1,255,600			28,050	290,860	\$17,810.50
September	1,459,400			15,500	333,350	\$19,899.26
October	1,273,400	7,200		37,150	369,300	\$20,603.82
November	1,336,300			36,200	343,035	\$20,046.14
December	1,610,500			31,200	234,700	\$19,194.26

2016	Holdings (gals)	Grease (gals)	G Decant (gals)	Septage (gals)	S Decant (gals)	Total Billings
Jan	1,359,400			3,500	47,700	\$11,528.02
Feb	1,443,000			1,500	31,350	\$11,666.26
March	1,515,950			5,600	102,900	\$14,166.14

Cranberry Creek Phase 4

The Developer has completed the landscaping along Jackson Drive associated with the sidewalk project. We are waiting for the spring season to discuss landscaping between the development and the existing single families along Jackson Drive.

Final Lift for Developed Subdivisions

Stonewall Ridge Development phase 2 will not be paved this year along with English Oaks Subdivision. The ownership of the various parcels in both areas need to be worked out before paving is started. We are reviewing with legal counsel on how to proceed. No change.

Rosewood Drive/TIF #4 Expansion Project

The property still has the potential of being Developed. The Village is pursuing taking ownership of the property.

Laurel Springs Subdivision

The Developer (Bielinski Homes) is working on quotes to pave the final lift asphalt this year. No change.

GIS Program

Town and Country Engineering have started the process for the GIS system upgrade. We are trying out the new map.

Digester Upgrade project

All punch list items have been corrected, and final payment is being recommended.

Storm Water Management Plan

Graef Engineering has been working very effectively and efficiently that the original contract has money left, so there is a new proposal to complete more working pertaining to Storm Water Management, and spend the rest of the DNR grant or lose it. The warmer weather will allow Graef Engineering to continue with the new proposal.

WWTP Boiler Project

The project is being finalized and the rehabbed boiler is working extraordinary well. Next, is to install the grease receiving station to generate more methane gas.

Wilshire Drive Project LRIP

We-Energies Gas and Electric have started their improvements on Wilshire Drive. The proposed schedule is having We-Energies work completed before Buetyn-Peterson starts the project on May 9th.

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