

UTILITIES COMMITTEE – (WWTP)

MEETING AGENDA

Wednesday, February 17, 2016 at 7:30 A.M.
Sister Bay Fire Station — Large Meeting Room
2258 Mill Road

For additional information check: www.sisterbaywi.info

In order for everyone to hear the discussion please, turn off your cell phone. Thank you.

Call Meeting to Order

Roll Call

1	Chair – Pat Duffy		2	Scott Baker	
3	Kathy Enquist		4	Fred Anderson	
5	Peter Sauer		6	Hugh Mulliken	
	<i>Village Administrator – Zeke Jackson</i>			<i>Utility Manager – Steve Jacobson</i>	
	<i>Utility Supervisor – Mike Schell</i>			<i>Utility Clerk – Martha Baker</i>	
	<i>Town Administrator – Bud Kalms</i>				

Approval of the Agenda

Approval of minutes as attached

Comments and Correspondence

Discussion Items

1. ***Administrative related***
 - a. Pretreatment modification status
 - b. 2015 Pre-Audit financial report
 - c. Replacement Fund Activity report
2. ***Plant related***
 - a. Capacities Report
 - b. Staffing
 - c. Electric heater replacement program
3. ***Matters to be placed on a future agenda or referred to a Committee, Official or Employee***

Adjournment

Public Notice

Questions regarding the nature of the agenda items or more detail on the agenda items listed above scheduled to be considered by the governmental body listed above can be directed to Zeke Jackson, Village Administrator at 920-854-4118 or at zeke.jackson@sisterbaywi.gov. It is possible that members of and possibly a quorum of members of other governmental bodies of the municipality may be in attendance at the above-stated meeting to gather information; no action will be taken by any governmental body at the above-stated meeting other than the governmental body specifically referred to above in this notice. Upon reasonable notice, a good faith effort will be made to accommodate the needs of disabled individuals through sign language interpreters or other auxiliary aid at no cost to the individual to participate in public meetings. Due to the difficulty in finding interpreters, requests should be made as far in advance as possible preferably a minimum of 48 hours. For additional information or to request this service, contact the Sister Bay Village Administrator at 854-4118, (FAX) 854-9637, or by writing to the Village Administrator at the Village Administration Building, 2383 Maple Drive, PO Box 769, Sister Bay, WI 54234. Copies of reports and other supporting documentation are available for review at the Village Administration Building during operating hours. (8 a.m. – 4 p.m. weekdays).

I hereby certify that I have posted a copy of this agenda at the following locations:

Administration Building Library Post Office

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Date

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**UTILITIES COMMITTEE - WWTP
COMMITTEE MEETING MINUTES
Tuesday, November 3, 2015
Sister Bay Fire Station
2258 Mill Road
(Unapproved Version)**

9 The November 3, 2015 meeting of the Utilities Committee was called to order by Committee Chair
10 Patrick Duffy at 7:30 A.M.

11
12 **Present:** Committee Chair Patrick Duffy, and Members Scott Baker, Peter Sauer, and Huge
13 Mulliken.

14
15 **Staff Members:** Utility Manager Steve Jacobson, Utility Supervisor Mike Schell and Utility Clerk
16 Martha Baker (8:00 AM)

17 **Also Present:** Robert E Lee Engineer Terry Sterbor.

18
19 **Excused:** Member Fred Anderson, Administrator Zeke Jackson, and Administrator Bud Kalms.

20
21 **Approval of the Agenda:**

22 *Motion was made by Sauer, seconded by Baker, to approve the November 3, 2015 agenda as*
23 *presented. Motion carried – all Ayes.*

24
25 **Approval of the October 6, 2015 meeting minutes:**

26 *Motion was made by Mulliken, seconded by Sauer, to approve the October 6, 2015 meeting*
27 *minutes as corrected. Motion carried – all Ayes.*

28
29 **Public Comments and Correspondence**

30 None.

31
32 **Discussion Items**

33 **1. Administrative Related:**

34 **a. Pretreatment modification contract**

35 Engineer Terry Sterbor from Robert E Lee & Associates presented the proposal for pretreatment
36 modification at the wastewater treatment plant. There was discussion by the committee.

37 *Motion was made by Baker, seconded by Sauer, to recommend the changes to the Pretreatment*
38 *modification contract to be approved by the Village Board. Motion carried – all Ayes.*

39
40 **2. Plant Related**

41 **a. Capacities Report**

42 As presented.

43
44 **b. Winterization**

45 Schell reported that winterization is happening. He said the crew is ready for winter.

46
47 **c. Staffing**

48 Jacobson reported that there have been two applicants for the position of Utility Supervisor. He
49 also reported that Utility Clerk Baker will be out of the office for several weeks due to upcoming

1 surgery. Former Clerk J. Neuman will step in to make deposits and write checks in Baker's
2 absence.

3

4 **d. Ferric system upgrade**

5 Jacobson reported the new ferric pumps have been installed with a new operating system. He said
6 they are back on-line.

7

8 The committee had a discussion regarding future upgrades and funding of the replacement
9 accounts. Jacobson will get estimates for a few major projects coming, including the clarifier and
10 generators.

11

12 **3. Matters to be placed on a future agenda or referred to a Committee, Official, or Employee:**

13 - The next meeting of the Utilities Committee – WWTP was scheduled for December 1, 2015 at
14 7:30 A.M.

15 - Jacobson will update Capital Improvement Plan.

16

17 **Adjournment:**

18 *A motion was made by Baker, seconded by Sauer, to adjourn the November 3, 2015 meeting of*
19 *the Utilities Committee- WWTP at 8:32 A.M. Motion carried – all Ayes.*

20

21 Respectfully submitted,

22 Martha Baker

23 Utility Clerk

24

25 Name: h:\files\active\agendas\utilities\2015\2015_11\110315 wastewater treatment plant comm minutes - unapproved version 1.doc
26 Created: 11/12/2015 9:41 PM Printed: 2/12/2016 1:08 PM

VILLAGE OF SISTER BAY
REVENUES WITH COMPARISON TO BUDGET
FOR THE 12 MONTHS ENDING DECEMBER 31, 2015

WASTEWATER

	PERIOD ACTUAL	YTD ACTUAL	BUDGET AMOUNT	VARIANCE	% OF BUDGET
<u>PUBLIC CHARGES</u>					
600-46410-20-0000 SEWER SERVICE - MULTI FAMILY	31,625.97	31,625.97	38,860.00	(7,234.03)	81.38
600-46411-20-0000 SEWER SERVICE - RESIDENTIAL	220,798.97	220,798.97	223,434.00	(2,635.03)	98.82
600-46412-20-0000 SEWER SERVICE - COMMERCIAL	135,516.27	135,516.27	130,500.00	5,016.27	103.84
600-46418-20-0000 LATE PAYMENT FEES	1,158.84	1,158.84	1,061.00	97.84	109.22
600-46436-20-0000 SEPTIC & HOLDING - SISTER BAY	3,086.96	3,086.96	2,800.00	286.96	110.25
600-46437-20-0000 SEPTIC & HOLDING-LIBERTY GROVE	80,888.88	80,888.88	70,000.00	10,888.88	115.56
600-46438-20-0000 SEPTIC & HOLDING - OTHER AREAS	3,591.24	3,591.24	2,150.00	1,441.24	167.03
600-46447-20-0000 UNMETERED WASTEWATER	63.20	63.20	.00	63.20	.00
TOTAL PUBLIC CHARGES	476,730.33	476,730.33	468,805.00	7,925.33	101.69
<u>INTERGOVERNMENTAL CHARGES</u>					
600-47391-20-0000 FIXED SEWER METER CHARGES-LGUD	44,461.65	44,461.65	44,993.00	(531.35)	98.82
600-47392-20-0000 MEASURED SEWER SERVICE - LGUD	15,193.16	15,193.16	14,227.00	966.16	106.79
600-47394-20-0000 ADMIN CHARGES - LGUD (WW)	5,438.99	5,438.99	6,262.00	(823.01)	86.86
600-47396-20-0000 UNMETERED WASTEWATER - LGUD	224.42	224.42	125.00	99.42	179.54
600-47491-20-0000 SEWER SERVICE - VILLAGE (WW)	7,718.97	7,718.97	8,000.00	(281.03)	96.49
TOTAL INTERGOVERNMENTAL CHARGES	73,037.19	73,037.19	73,607.00	(569.81)	99.23
<u>OTHER REVENUE</u>					
600-48110-20-0000 INTEREST/DIVIDENDS - WW	18,116.14	18,116.14	15,618.00	2,498.14	116.00
600-48200-20-0000 RENT FROM WW DEPT PROPERTY	1,080.00	1,080.00	1,080.00	.00	100.00
600-48910-20-0000 REFUNDS/REBATES - WW	93.62	93.62	.00	93.62	.00
600-48951-20-0000 IMPACT FEES - WWTP EXPANSION	11,449.22	11,449.22	22,289.00	(10,839.78)	51.37
TOTAL OTHER REVENUE	30,738.98	30,738.98	38,987.00	(8,248.02)	78.84
TOTAL WASTEWATER REVENUE	580,506.50	580,506.50	581,399.00	(892.50)	99.85

VILLAGE OF SISTER BAY
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 12 MONTHS ENDING DECEMBER 31, 2015

WASTEWATER

	PERIOD ACTUAL	YTD ACTUAL	BUDGET AMOUNT	VARIANCE	% OF BUDGET
600-62101-00-0000 WAGES - FULL TIME	90,193.76	90,193.76	108,867.00	18,473.24	83.00
600-62105-00-0000 WAGES, ADMIN - WW	4,687.32	4,687.32	9,307.00	4,619.68	50.36
600-62105-62-0000 WAGES, CLERK - WW	16,192.97	16,192.97	17,668.00	1,475.03	91.65
600-62110-00-0000 OVERTIME	6,555.37	6,555.37	3,163.00	(3,392.37)	207.25
600-62112-62-0000 PAID LEAVE - JOINT WWTP	16,615.46	16,615.46	.00	(16,615.46)	.00
600-62113-62-0000 COMP TIME USED	6,958.21	6,958.21	.00	(6,958.21)	.00
600-62115-00-0000 RETIREMENT	9,445.85	9,445.85	9,439.00	(6.85)	100.07
600-62120-00-0000 SOCIAL SECURITY	10,548.75	10,548.75	10,619.00	70.25	99.34
600-62125-00-0000 INSURANCE, MEDICAL	39,049.52	39,049.52	40,210.00	1,160.48	97.11
600-62130-00-0000 INSURANCE, DENTAL	2,380.78	2,380.78	2,560.00	179.22	93.00
600-62135-00-0000 INSURANCE, DISABILITY	1,022.68	1,022.68	1,163.00	140.32	87.93
600-62140-00-0000 INSURANCE, GROUP LIFE	390.25	390.25	401.00	10.75	97.32
600-62145-00-0000 INSURANCE, WORK COMP	8,035.76	8,035.76	8,608.00	572.24	93.35
600-62190-00-0000 BENEFIT FEES AND PENALTIES	210.67	210.67	130.00	(80.67)	162.05
600-62191-00-0000 VILLAGE CLERK REIMBURSEMENT	.00	.00	(763.00)	(763.00)	.00
600-62193-00-0000 TKH CLERK REIMBURSEMENT	.00	.00	(293.00)	(293.00)	.00
PERSONNEL	212,287.35	212,287.35	210,879.00	(1,408.35)	100.67
600-62201-00-0000 TRAVEL/TRAINING - WASTEWATER	1,495.88	1,495.88	2,500.00	1,004.12	59.84
600-62210-00-0000 EXPENSE ALLOWANCE/MEALS	35.04	35.04	100.00	64.96	35.04
600-62215-00-0000 UNIFORMS & CLOTHING	1,157.31	1,157.31	1,000.00	(157.31)	115.73
INDIRECT EMPLOYEE	2,688.23	2,688.23	3,600.00	911.77	74.67
600-62320-00-0000 ELECTRIC POWER	55,316.23	55,316.23	60,500.00	5,183.77	91.43
600-62325-00-0000 FUEL	7,245.96	7,245.96	12,500.00	5,254.04	57.97
600-62360-00-0000 TELEPHONES	1,018.63	1,018.63	1,275.00	256.37	79.89
600-62365-00-0000 CELLPHONES	814.89	814.89	875.00	60.11	93.13
600-62370-00-0000 INTERNET	748.56	748.56	800.00	51.44	93.57
600-62375-00-0000 TELEMETRY	762.24	762.24	775.00	12.76	98.35
UTILITY COSTS	65,906.51	65,906.51	76,725.00	10,818.49	85.90

VILLAGE OF SISTER BAY
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 12 MONTHS ENDING DECEMBER 31, 2015

WASTEWATER

	PERIOD ACTUAL	YTD ACTUAL	BUDGET AMOUNT	VARIANCE	% OF BUDGET
600-62401-00-0000 OFFICE SUPPLIES & EXP.	1,555.96	1,555.96	2,000.00	444.04	77.80
600-62405-00-0000 COMPUTER HARDWARE/SOFTWARE	193.92	193.92	100.00 (	93.92)	193.92
600-62410-00-0000 PRINTING & COPYING	1,008.24	1,008.24	1,500.00	491.76	67.22
600-62415-00-0000 POSTAGE & SHIPPING	1,359.82	1,359.82	1,650.00	290.18	82.41
600-62420-00-0000 DUES & PUBLICATIONS	1,374.23	1,374.23	2,000.00	625.77	68.71
600-62430-00-0000 CUSTODIAL SUPPLIES	204.90	204.90	250.00	45.10	81.96
600-62440-00-0000 MEDICAL/SAFETY SUPPLIES	497.03	497.03	750.00	252.97	66.27
600-62460-00-0000 TOOLS/MINOR EQUIPMENT	3,204.22	3,204.22	2,000.00 (	1,204.22)	160.21
600-62461-00-0000 SLUDGE TREATMENT SUPPLIES	5,894.80	5,894.80	5,500.00 (	394.80)	107.18
600-62465-00-0000 CHEMICALS	8,991.23	8,991.23	18,000.00	9,008.77	49.95
600-62470-00-0000 LAB SUPPLIES - WWTP	3,966.12	3,966.12	10,000.00	6,033.88	39.66
600-62490-00-0000 MISC. PLANT OPERATING SUPPLIES	52.51	52.51	500.00	447.49	10.50
600-62495-00-0000 MISC. OTHER SUPPLIES	174.18	174.18	500.00	325.82	34.84
SUPPLIES	28,477.16	28,477.16	44,750.00	16,272.84	63.64
600-62501-00-0000 AUDIT	4,507.65	4,507.65	5,200.00	692.35	86.69
600-62502-00-0000 ACCOUNTING/SOFTWARE SUPPORT	4,501.65	4,501.65	2,750.00 (	1,751.65)	163.70
600-62504-00-0000 INFORMATION TECHNOLOGY	328.63	328.63	1,000.00	671.37	32.86
600-62507-00-0000 TESTING	1,214.70	1,214.70	2,000.00	785.30	60.74
600-62510-00-0000 CONSULTING	3,426.95	3,426.95	5,000.00	1,573.05	68.54
600-62512-00-0000 LAUNDRY SERVICE	1,066.81	1,066.81	1,800.00	733.19	59.27
600-62515-00-0000 LEGAL SERVICES	228.75	228.75	2,000.00	1,771.25	11.44
600-62525-00-0000 PROPERTY/LIABILITY INS.	9,020.50	9,020.50	9,910.00	889.50	91.02
600-62530-00-0000 LEGAL NOTICES & ADS	73.46	73.46	250.00	176.54	29.38
600-62551-00-0000 RUBBISH DISPOSAL	3,763.40	3,763.40	2,200.00 (	1,563.40)	171.06
600-62554-00-0000 LAWN MAINTENANCE	2,009.49	2,009.49	3,000.00	990.51	66.98
600-62561-00-0000 SLUDGE HAULING & PROCESSING	23,973.00	23,973.00	30,500.00	6,527.00	78.60
600-62595-00-0000 MISC. OTHER SERVICES	862.99	862.99	300.00 (	562.99)	287.66
SERVICES	54,977.98	54,977.98	65,910.00	10,932.02	83.41
600-62601-00-0000 OFFICE EQUIPMENT	274.93	274.93	200.00 (	74.93)	137.47
600-62605-00-0000 COMPUTER MAINTENANCE	37.09	37.09	250.00	212.91	14.84
600-62620-00-0000 WWTP- BLDG & STRUCTURES MAINT.	1,262.91	1,262.91	10,000.00	8,737.09	12.63
600-62624-00-0000 WWTP- LAB EQUIPMENT MAINT.	1,074.79	1,074.79	.00 (	1,074.79)	.00
600-62625-00-0000 WWTP- FIXED EQUIPMENT MAINT.	27,817.99	27,817.99	50,000.00	22,182.01	55.64
600-62630-00-0000 MAIN LIFT STATION/FORCE MAIN	7,401.91	7,401.91	10,000.00	2,598.09	74.02
600-62675-00-0000 EQUIPMENT RENTAL	110.00	110.00	.00 (	110.00)	.00
MAINTENANCE	37,979.62	37,979.62	70,450.00	32,470.38	53.91
600-62701-00-0000 VEHICLE MAINTENANCE	1,792.66	1,792.66	2,000.00	207.34	89.63
600-62705-00-0000 EQUIPMENT MAINTENANCE	1,439.20	1,439.20	500.00 (	939.20)	287.84
600-62710-00-0000 VEHICLE GAS/OIL/FLUIDS	2,076.79	2,076.79	4,000.00	1,923.21	51.92
600-62715-00-0000 EQUIPMENT GAS/OIL/FLUIDS	769.17	769.17	1,500.00	730.83	51.28
VEHICLES AND EQUIPMENT	6,077.82	6,077.82	8,000.00	1,922.18	75.97

VILLAGE OF SISTER BAY
 EXPENDITURES WITH COMPARISON TO BUDGET
 FOR THE 12 MONTHS ENDING DECEMBER 31, 2015

WASTEWATER

	PERIOD ACTUAL	YTD ACTUAL	BUDGET AMOUNT	VARIANCE	% OF BUDGET
600-62930-00-0000 BANK FEES & FINANCE CHARGES	195.44	195.44	250.00	54.56	78.18
600-62950-00-0000 MISCELLANEOUS OTHER EXP	19.08	19.08	.00 (	19.08)	.00
600-62971-00-0000 DEPRECIATION EXP - WWTP	263,105.04	263,105.04	263,105.00 (	.04)	100.00
600-62975-00-0000 OTHER NON-OPERATING EXP - WW	.00	.00	2,000.00	2,000.00	.00
600-62986-00-0000 INTEREST ON LONG-TERM DEBT-WW	22,357.50	22,357.50	22,358.00	.50	100.00
MISCELLANEOUS	285,677.06	285,677.06	287,713.00	2,035.94	99.29
TOTAL WASTEWATER EXPENDITURES	694,071.73	694,071.73	768,027.00	73,955.27	90.37
NET REVENUES OVER EXPENDITURES	(113,565.23)	(113,565.23)	(186,828.00)	(74,847.77)	(60.85)

**Village of Sister Bay
Water & Sewer Utilities
WWTP Rep fund activity - 2015**

12/31/2015

G/L account #	beginning bal	additions	int earned	disbursements	Balance
600-11620-0000	\$ 58,410.13		\$ 5.28	\$ 2,589.00	NCL Labs
Baylake Bank - savings			\$ 4.93	\$ 11,685.28	Anderson Pump
			\$ 697.91	\$ 4,614.67	Engergenecs
			\$ 5.27		
			\$ 4.94		
			\$ 5.45		
			\$ 5.25		
			\$ 4.11		
			\$ 3.64		
			\$ 3.68		
			\$ 4.45		
		\$ 86,448.00	\$ 4.45		
600-11621-0000	\$ 100,391.63		\$ 58.70	\$ 59,192.44	transfer to ADM
First Business - Money Market					
600-11622-0000	\$ 292,135.81	\$ 59,192.44	\$ 4,428.12		
American Deposit Mngt - CD					
600-11623-0000	\$ 254,890.72		\$ 6,380.30		
Baylake Bank - CDARS					
600-11624-0000	\$ 245,004.59		\$ 4,049.00		
Baylake Bank - CDARS					
	\$ 950,832.88	\$ 145,640.44	\$ 15,665.48	\$ 78,081.39	
					\$ 1,034,057.41

Village of Sister Bay Capacity Report TOTAL Plant Loads

Month/Yr	Hydraulic Flow		0.945
	Tot mg/mo	Avg mgd	% Usage
January-2016	4.1450	0.1337	14.15
February-2015	3.0470	0.0969	11.52
March-2015	3.6220	0.1168	12.36
April-2015	4.1680	0.1389	14.70
May-2015	5.7220	0.1846	19.53
June-2015	7.2190	0.2406	25.46
July-2015	10.3020	0.3323	35.17
August-2015	9.3100	0.3003	31.78
September-2015	7.4000	0.2467	26.10
October-2015	6.9200	0.2232	23.62
November-2015	5.3700	0.1790	18.94
December-2015	5.8710	0.1894	20.04
Tot mg/Yr=	73.0960	Yrly Ave % Use =	21.12

Month/Yr	BOD5		2369
	Tot lbs/mo	Avg lbs/dy	% Usage
January-2016	7664	247	10.44
February-2015	7902	267	11.91
March-2015	7592	245	10.34
April-2015	14199	473	19.98
May-2015	19598	632	26.69
June-2015	23823	794	33.52
July-2015	30745	992	41.86
August-2015	34766	1121	47.34
September-2015	25188	840	35.44
October-2015	25095	810	34.17
November-2015	10748	358	15.12
December-2015	13290	429	18.10
Tot lbs/Yr=	220610	Yrly Ave % Use =	25.41

Month/Yr	TSS		2176
	Tot lbs/mo	Avg lbs/dy	% Usage
January-2016	7350	237	10.90
February-2015	7048	214	11.57
March-2015	7095	229	10.52
April-2015	17224	574	26.38
May-2015	17347	560	25.72
June-2015	20525	684	31.44
July-2015	30137	972	44.68
August-2015	42405	1368	62.86
September-2015	28332	944	43.40
October-2015	32818	1059	48.65
November-2015	9801	327	15.01
December-2015	15943	514	23.63
Tot lbs/Yr=	236025	Yrly Ave % Use =	29.56

Month/Yr	TP		102
	Tot lbs/mo	Avg lbs/dy	% Usage
January-2016	201.0	6.5	6.36
February-2015	181.9	5.8	6.37
March-2015	197.8	6.4	6.26
April-2015	291.2	9.7	9.52
May-2015	404.2	13.0	12.78
June-2015	508.0	16.9	16.60
July-2015	770.6	24.9	24.37
August-2015	884.5	28.5	27.97
September-2015	601.5	20.1	19.66
October-2015	544.4	17.6	17.22
November-2015	277.0	9.2	9.05
December-2015	322.1	10.4	10.19
Tot lbs/Yr=	5184.2	Yrly Ave % Use =	13.86

Village of Sister Bay Capacity Report Sister Bay Loadings

Month/Yr	Hydraulic Flow		0.62
	Tot mg/mo	Avg mgd	% Usage
January-2016	3.5200	0.1135	18.31
February-2015	2.6330	0.0940	15.17
March-2015	3.0950	0.0998	16.10
April-2015	3.3970	0.1132	18.26
May-2015	4.6060	0.1486	23.96
June-2015	5.6890	0.1896	30.59
July-2015	7.9180	0.2554	41.20
August-2015	7.1580	0.2309	37.24
September-2015	5.7010	0.1900	30.65
October-2015	5.4990	0.1774	28.61
November-2015	4.4830	0.1494	24.10
December-2015	4.9580	0.1599	25.80
Tot mg/Yr=	58.6570	Yrly Ave % Use =	25.83

Month/Yr	BOD5		905
	Tot lbs/mo	Avg lbs/dy	% Usage
January-2016	6443	208	22.97
February-2015	6695	239	26.42
March-2015	6397	206	22.80
April-2015	10624	354	39.13
May-2015	13581	438	48.41
June-2015	14554	485	53.61
July-2015	21191	684	75.53
August-2015	24409	787	87.00
September-2015	16627	554	61.24
October-2015	15856	511	56.52
November-2015	8735	291	32.17
December-2015	10854	350	38.69
Tot lbs/Yr=	155966	Yrly Ave % Use =	47.04

Month/Yr	TSS		1076
	Tot lbs/mo	Avg lbs/dy	% Usage
January-2016	6027	194	18.07
February-2015	5883	210	19.53
March-2015	5954	192	17.85
April-2015	11698	390	36.24
May-2015	10943	353	32.81
June-2015	7043	235	21.82
July-2015	16126	520	48.35
August-2015	28275	912	84.77
September-2015	8216	274	25.45
October-2015	16102	519	48.27
November-2015	7001	233	21.69
December-2015	12591	406	37.75
Tot lbs/Yr=	135859	Yrly Ave % Use =	34.38

Month/Yr	TP		54
	Tot lbs/mo	Avg lbs/dy	% Usage
January-2016	159.4	5.1	9.52
February-2015	149.6	5.3	9.89
March-2015	151.9	4.9	9.07
April-2015	205.8	6.9	12.70
May-2015	291.1	9.4	17.39
June-2015	341.7	11.4	21.09
July-2015	494.4	15.9	29.53
August-2015	629.8	20.3	37.62
September-2015	372.6	12.4	23.00
October-2015	359.1	11.6	21.45
November-2015	191.8	6.4	11.84
December-2015	252.0	8.1	15.05
Tot lbs/Yr=	3599	Yrly Ave % Use =	18.18

Village of Sister Bay Capacity Report
Liberty Grove Utility District #1

Month/Yr	Hydraulic Flow		0.059
	Tot mg/mo	Avg mgd	% Usage
January-2016	0.2820	0.0091	15.42
February-2015	0.2320	0.0110	14.04
March-2015	0.2730	0.0110	14.92
April-2015	0.4290	0.0143	24.24
May-2015	0.5785	0.0187	31.63
June-2015	0.7180	0.0239	40.56
July-2015	1.1300	0.0365	61.78
August-2015	1.0300	0.0332	56.31
September-2015	0.8190	0.0273	46.27
October-2015	0.6830	0.0220	37.34
November-2015	0.5550	0.0185	31.36
December-2015	0.6190	0.0200	33.84
Tot mg/Yr=	7.3485	Yrly Ave % Use =	33.98

Month/Yr	BOD5		105
	Tot lbs/mo	Avg lbs/dy	% Usage
January-2016	517	17	15.87
February-2015	589	21	20.02
March-2015	563	18	17.31
April-2015	1330	44	42.21
May-2015	1076	35	33.06
June-2015	1600	53	57.13
July-2015	2980	96	91.57
August-2015	3495	113	107.37
September-2015	2363	79	75.01
October-2015	1939	63	59.58
November-2015	1078	36	34.21
December-2015	1355	44	41.61
Tot lbs/Yr=	18885	Yrly Ave % Use =	49.58

Month/Yr	TSS		101
	Tot lbs/mo	Avg lbs/dy	% Usage
January-2016	482	16	15.39
February-2015	516	22	18.26
March-2015	524	17	16.74
April-2015	1449	48	47.82
May-2015	1324	43	42.29
June-2015	809	27	26.72
July-2015	2178	70	69.56
August-2015	4036	130	128.90
September-2015	1055	35	34.82
October-2015	1926	62	61.51
November-2015	845	28	27.89
December-2015	1570	51	50.14
Tot lbs/Yr=	16714	Yrly Ave % Use =	45.00

Month/Yr	TP		5
	Tot lbs/mo	Avg lbs/dy	% Usage
January-2016	12.7	0.4	8.19
February-2015	13.1	0.6	9.37
March-2015	13.3	0.4	8.57
April-2015	25.6	0.9	17.07
May-2015	36.0	1.2	23.22
June-2015	42.6	1.4	28.41
July-2015	68.8	2.2	44.41
August-2015	90.2	2.9	58.19
September-2015	52.7	1.8	35.13
October-2015	44.1	1.4	28.45
November-2015	23.0	0.8	15.33
December-2015	31.4	1.0	20.26
Tot lbs/Yr=	453.5	Yrly Ave % Use =	24.72

Village of Sister Bay Capacity Report
Town of Liberty Grove

Month/Yr mmm-yyyy	Hydraulic Flow		0.266
	Tot mg/mo	Avg mgd	% Usage
January-2016	0.2120	0.0068	2.57
February-2015	0.1828	0.0065	2.45
March-2015	0.2540	0.0082	3.08
April-2015	0.3420	0.0114	4.29
May-2015	0.5380	0.0174	6.52
June-2015	0.8130	0.0271	10.19
July-2015	1.2540	0.0405	15.21
August-2015	1.1220	0.0362	13.61
September-2015	0.8800	0.0293	11.03
October-2015	0.7380	0.0238	8.95
November-2015	0.3320	0.0111	4.16
December-2015	0.2940	0.0095	3.57
Tot mg/Yr=	6.9618	Yrly Ave % Use =	7.14

Month/Yr mmm-yyyy	BOD5		1359
	Tot lbs/mo	Avg lbs/dy	% Usage
January-2016	465	15	1.10
February-2015	618	22	1.62
March-2015	631	20	1.50
April-2015	2245	75	5.51
May-2015	4348	140	10.32
June-2015	7469	249	18.32
July-2015	6574	212	15.61
August-2015	6862	221	16.29
September-2015	6198	207	15.20
October-2015	7299	235	17.33
November-2015	935	31	2.29
December-2015	1081	35	2.57
Tot lbs/Yr=	44725	Yrly Ave % Use =	8.97

Month/Yr mmm-yyyy	TSS		999
	Tot lbs/mo	Avg lbs/dy	% Usage
January-2016	617	20	1.99
February-2015	649	11	2.32
March-2015	617	20	1.99
April-2015	4077	136	13.60
May-2015	5080	164	16.40
June-2015	12673	422	42.29
July-2015	11833	382	38.21
August-2015	10093	326	32.59
September-2015	19061	635	63.60
October-2015	14791	477	47.76
November-2015	1954	65	6.52
December-2015	1782	57	5.75
Tot lbs/Yr=	83227	Yrly Ave % Use =	22.75

Month/Yr mmm-yyyy	TP		43
	Tot lbs/mo	Avg lbs/dy	% Usage
January-2016	23.0	0.7	1.73
February-2015	19.2	0.7	1.59
March-2015	32.6	1.1	2.44
April-2015	59.8	2.0	4.64
May-2015	77.1	2.5	5.78
June-2015	123.7	4.1	9.59
July-2015	207.4	6.7	15.56
August-2015	164.5	5.3	12.34
September-2015	176.2	5.9	13.66
October-2015	141.3	4.6	10.60
November-2015	62.2	2.1	4.82
December-2015	38.7	1.2	2.90
Tot lbs/Yr=	1125.7	Yrly Ave % Use =	7.14