

CITY OF SPARTA
PUBLIC WORKS AGENDA
June 8, 2016

CITY HALL

6:00 P.M.

- 1. Call Meeting to Order**
- 2. Consideration of Consent Agenda consisting of: Minutes from the May 11, 2016 meeting, Director of Public Works Reports for May; Wastewater Treatment Operation & Maintenance Reports for May; Water Utility Operation and Maintenance Reports for May, monthly bills for the Sanitation Dept., Street Dept., and Water Utility.**
- 3. Consideration of CMAR (Compliance Maintenance Annual Report)**
- 4. Consideration to Modify Semi Parking Lot Policy**
- 5. Discussion of Gravel Road Next to Perch Lake**
- 6. Items for Future Consideration**
- 7. Adjourn**

A Possible Quorum of the Common Council may be in attendance at this meeting, but no action will be taken by the Council.

Posted: 6-6-16

CITY OF SPARTA
PUBLIC WORKS MINUTES
May 11, 2016

PRESENT: Norm Stanek, Larry Tichenor, Kevin Riley, Bryan Jandt, Dean Zuehlke

ABSENT: Jim Church, Kevin Brueggeman

ALSO PRESENT: Lynn Jerome, Todd Hanson, Dennis Johnson, Mark Flock, Mark Sund, Todd Fahning, Dave Kuderer

Chairman Norm Stanek called the meeting to order at 6:00 p.m.

Kevin Riley nominated Norm Stanek for Chairman seconded by Larry Tichenor. Kevin Riley moved that nominations be closed. Motion carried 5-0.

Dean Zuehlke nominated Kevin Riley for Vice Chairman seconded by Larry Tichenor. Norm Stanek moved that nominations be closed. Motion carried 5-0.

A motion was made by Kevin Riley and seconded by Dean Zuehlke to approve the Consent Agenda consisting of the minutes from the March 9, 2016 meeting; Director of Public Works Reports for March and April; Wastewater Treatment Operation & Maintenance Reports for March and April; Water Utility Operation & Maintenance Reports for March and April and monthly bills for Street Department, Water utility and Sanitation Department. Motion carried 5-0.

Austin Menn from Upland Properties is requesting, in behalf of his tenant Neighborhood Family Clinic at 128 S. Water Street, a designated handicap parking space on the North side of W. Oak Street. There are handicap stalls on Water Street and there is parking available in the alley. Lynn is recommending denial of this request. **A motion was made by Larry Tichenor and seconded by Dean Zuehlke to deny the request for a handicap stall at 128 S. Water Street owned by Austin Menn. Motion carried 5-0.**

The Farmer's Market would like to move to the open lot on Water Street on Wednesday afternoons and Saturday mornings. This would then free up the Ray's parking lot. They would like the 4 stalls by the bridge to be available for any parking overflow for the Market. The original permission to use this parking lot would have to be redone. **A motion was made by Dean Zuehlke and seconded by Kevin Riley to rescind the permission to use Ray's parking lot for the Farmer's Market and to open the lot back up. Motion carried 5-0. A motion was made by Dean Zuehlke and seconded by Kevin Riley to designate 4 parking stalls by the bridge to be reserved for the Farmer's Market on Wednesdays and Saturdays. Motion carried 5-0.**

The Water Department is in need of a new riding lawn mower. Their current mower is 8 years old and is worn out. The funds are in the budget as this is on the replacement list for next year. But, instead of putting more money into the old one, Lynn is suggesting that a new one be purchased this year. The Water Department has about 10 areas in the City that they mow with this mower. There were 2 bids received. One in the amount of \$6300.00 from Tractor Central and with a trade-in would be \$4850.00 and the other in the amount of \$7399.00 from Hagen's Sales & Service and with a trade-in would be \$5799.00. The warranty from Tractor Central is 4 years and the warranty from Hagen's is 2 years. **A motion was made by Dean Zuehlke and seconded by Kevin Riley to approve the John Deere mower from Tractor Central in the amount of \$6300.00 with a 54" deck and a 4 year warranty. Motion carried 5-0.**

Lynn is requesting to purchase a mower for the airport. Currently a mower has to be borrowed from the Park Department and is not always available when someone has time to mow at the airport. There are funds in the airport budget and Lynn found one that he has been looking for. It is a John Deere from Tractor Central, has a 60" deck, a 3 year warranty and in the amount of \$7350.00. **A motion was made by Dean Zuehike and seconded by Kevin Riley to approve the purchase of a John Deere lawn mower with a 60" deck for the airport from Tractor Central in the amount of \$7350.00. Motion carried 5-0.**

There were no items mentioned for future consideration.

A motion was made by Dean Zuehlke and seconded by Kevin Riley to adjourn at 6:18 p.m. Motion carried 5-0.

Respectfully submitted,

Julie Hanson
City Clerk

MAY, 2016 Monthly Update

To: Board of Public Works

From: Lynn Jerome – DPW

Between taking a couple days off and the holiday this month seemed short, most of my time was devoted to trees and the airport so this monthly update is pretty short.

Airport:

After several meetings with Ft McCoy and Gundersen Health it appears that it could take up to a year to get thru the red tape in order for the Med Vac Air Ship to use the military side for their trial period. However after further discussion with Gundersen it was determined they do not need a hangar for the trial period and I offered them the use of our terminal building. Gundersen determined our space is adequate and moved in last week. In the event of bad weather they plan to fly out ahead of the storm or Ft McCoy said if it's an emergency and they can't get out they can park in a hangar until the weather passes. Gundersen had some phone lines installed (at their expense). I purchased a small refrigerator and 2 window air conditioners that I had been thinking about getting anyway (for the lounge and office areas) and will be utilized after they are gone. They will park the Air Ship on our ramp daily and their staff will be using two rooms in our terminal building during this trial period. The general public will still have access to the restrooms and seating area along with wifi so there should be no disruptions for anyone.

The final inspection for the PAPPI Light installation was completed and with just a couple minor items to follow up on. These are navigational lights that aid pilots when landing.

Tree Planting:

This spring's tree planting project is now complete. There were 13 different species and a total of 145 trees planted. Although our tree planting "behind the sidewalk" policy will not be in place officially until next year I did have some trees planted as a test. This will allow me to determine the distance and locations that should be spelled out in the new policy.

This and That:

Our new dump truck has been delivered so our old truck is now available to be sold. I am putting together another list of items for auction including the riding mower from the water utility some tool boxes and things from the park department.

**CITY OF SPARTA
WASTEWATER TREATMENT FACILITY
OPERATION AND MAINTENANCE REPORT**

MAY 2016

The month of May was devoted to general plant maintenance and repairs. Synagro hauled and land applied about 1 million gallons of sludge from our sludge storage tank. I completed our Compliance Maintenance Annual Report (CMAR) for the year 2015 and I'm pleased to report that we received a perfect score with a 4.0 grade point average. The CMAR is included in your packets for review. A resolution is voluntary, however the CMAR must be approved this month by the PWB and City Council as it is due by the 30th of June. Also during the month B&M Technical Services performed our semi-annual calibrations on all our flow measuring devices and Wright's Septic cleaned the siphon manholes at the Beaver Creek River Crossing in Evan's Bosshard Park. The plant is performing well and we are in full compliance with our WPDES permit requirements. Listed below are some of the other operation and maintenance tasks, which were completed during May 2016.

- Continue to clean weirs, launders and trickling filter arms weekly.
- Ran stand-by generator and performed monthly safety inspection.
- Continue to run the sludge Gravity Belt Thickener (GBT) 3x a week.
- Mowed and trimmed grass around plant grounds and liftstations.
- B&B Plumbing repaired a water line in Building 15.
- Replaced the battery in the F350 pickup.
- Mark attended a Regional WWOA meeting in Back River Falls.
- Replaced an "off-float" at the Walrath St. liftstation and a "lead-float" at the Jane Dr. liftstation.
- Continue to flush weekly (trouble spot) and whole city sewers.
- Replaced a pilot run light assembly at the Julie Ave. liftstation.
- Replaced the water spray nozzles in the wash box on the GBT.

Mark Flock
WW Plant Manager

City of Sparta Water Utility

Operation and Maintenance Report

May, 2016

In May we pumped 37,879,000 gallons of water compared to 42,103,000 gallons for the same period last year.

The following is a list of what the Water Utility has been working on during the month of May:

- Completed the monthly bacti samples.
- Completed the monthly fluoride sample
- Ran standby engines and generators for the monthly tests.
- We received a chemical delivery, from Hawkins Chemical Group.
- A service leak developed at 950 Riverwood Pl. on the customer's side near the curb stop. The homeowner hired a local plumber to make repairs. After the leak was dug up, it was discovered that the developer of that sub division did not install material that met City specs and that the curb stop was missing the insert inside the compression nut that seals and holds the fitting in place. After discussing this with the Mark S., Todd F. and Lynn we decided that the City should pay this bill, given the circumstances with the material and installation of this service. You will see an invoice in the next month or so from Sure Plumbing and Brooks Excavating for this work.
- We had Cummins N Power load bank generators at Well 7 and Bldg. 3. This test checks the generator and engine's ability to perform and provide the required horsepower needed in an emergency. During the test for Bldg. 3, the unit shut down because of high temperature and low coolant. Considering the age of the unit, Cummins N Power referred us to Interstate Power Systems to troubleshoot the generator. After their inspection, it appears that the engine may potentially have a cracked head. They have ordered all parts that will be needed and are scheduled to start repairs on June 1st. Our master control panel for the entire City water system runs off this generator, so a rental unit will be hooked up in the case of a power outage. In the coming months, you will see an invoice for a substantial amount to make these repairs. Load bank tests should be done every few years to help uncover any issues like this, should there ever be an extended power outage.
- We worked on water disconnects for unpaid bills. This is time consuming but very effective in recovering past due payments. We collected a substantial amount of money and have the majority of customers turned back on.
- Larger services were installed for the new Sparta Co-op building and the new Kwik Trip complex on S. Black River St.
- We have completed the quarterly meter reading and are now in the process of checking those meters and radio boxes that did not read.

- We had Midwest Testing come and test some of our well house and other large meters. It is a Public Service Commission (PSC) requirement that we do every year.
- The 1" Service for Mt. Hope Cemetery developed a leak on the cities side of the curb stop. Our contractor dug down and replaced this service.

Todd Hanson
Supervisor
Sparta Water Utility

Check Number	Check Issue Date	Vendor Name	Invoice GL Account	Invoice GL Account Title	Invoice Number	Amount	Description
106568	05/06/2016	Cedar Corporation	700-53920-210	PROFESSIONAL SERV	88446	2,464.50	Phos servs thru 4/16/16
106570	05/06/2016	Davy Laboratories	700-53830-923	OUTSIDE SERVICES	6040489	455.50	SLUDGE ANALYSIS
106575	05/06/2016	Komline-Sanderson	700-53870-240	REPAIRS & MAINTENA	42030545	923.23	WASH PIPE BRUSH/ NOZ
106577	05/06/2016	L W Allen LLC	700-53870-240	REPAIRS & MAINTENA	100803	568.35	POWER SUPPLY
106578	05/06/2016	MIDWEST FUELS	700-53810-223	DIESEL FUEL	25436 F24531415	383.20	Fuel
106581	05/06/2016	North Central Labor	700-53830-340	OPERATING SUPPLIE	372115	318.07	TRANSFERPETTE
106586	05/06/2016	USA Blue Book	700-53830-325	SAFETY PROGRAM	938325	214.19	CAL GAS 58L
106586	05/06/2016	USA Blue Book	700-53830-340	OPERATING SUPPLIE	938325	1,021.26	BUFFER/BEAKER
106586	05/06/2016	USA Blue Book	700-53830-274	LUBRICANTS	939337	83.30	EP GREASE
106586	05/06/2016	USA Blue Book	700-53830-325	SAFETY PROGRAM	939640	187.44	SENSOR GAS ALERT MA
106589	05/06/2016	WE ENERGIES	700-53810-221	HEATING - GAS	5032-284-722 4/27/	570.62	GAS-RICHGRUBER
106670	05/11/2016	MONROE COUNTY	700-53920-930	MISCELLANEOUS GE	3/31/16	25.00	DRUG SCREEN CHARGE
106675	05/11/2016	SPARTA COOPER	700-53840-371	GAS/OIL	5724 4/30/16	88.33	GAS CHGS - APR 2016
106675	05/11/2016	SPARTA COOPER	700-53810-223	DIESEL FUEL	5724 4/30/16	128.46	DIESEL CHGS - APR 2016
106680	05/11/2016	VERIZON WIRELE	700-53830-930	MISCELLANEOUS GE	9764718737	56.52	SCADA IPAD
106686	05/11/2016	The Hardware Store	700-53850-240	REPAIRS & MAINTENA	B231887	3.49	INSERT
106686	05/11/2016	The Hardware Store	700-53850-240	REPAIRS & MAINTENA	B231887	.35-	DISCOUNT
106701	05/13/2016	MSA Professional S	700-53920-210	PROFESSIONAL SERV	R00051038.0 1	916.00	GIS TECH SERV-2/28/16
106710	05/17/2016	CenturyLink	700-53920-391	TELEPHONE	301277774 5/4/16	69.45	TELEPHONE
106710	05/17/2016	CenturyLink	700-53920-391	TELEPHONE	301283737 5/4/16	274.83	TELEPHONE 269-6824
106710	05/17/2016	CenturyLink	700-53860-340	OPERATING SUPPLIE	301283737 5/4/16	40.12	TELEPHONE 269-3368
106717	05/17/2016	L W Allen LLC	700-53870-240	REPAIRS & MAINTENA	100901	1,764.02	SERVICE-20 TRANSDUC
106726	05/17/2016	XCEL ENERGY	700-53860-340	OPERATING SUPPLIE	52-6161035-7 5/16	108.96	ELECTRICITY-1200 WAL
106726	05/17/2016	XCEL ENERGY	700-53860-340	OPERATING SUPPLIE	52-6161035-7 5/16	21.96	ELECTRICITY-3000 JANE
106726	05/17/2016	XCEL ENERGY	700-53860-340	OPERATING SUPPLIE	52-6161035-7 5/16	30.48	ELECTRICITY-STATE HW
106726	05/17/2016	XCEL ENERGY	700-53860-340	OPERATING SUPPLIE	52-6161035-7 5/16	250.23	ELECTRICITY- HOESCHL
106726	05/17/2016	XCEL ENERGY	700-53860-340	OPERATING SUPPLIE	52-6161035-7 5/16	24.25	ELECTRICITY-A ST
106726	05/17/2016	XCEL ENERGY	700-53810-220	ELECTRIC	52-6161035-7 5/16	8,245.42	ELECTRICITY-RICHGRUB
106726	05/17/2016	XCEL ENERGY	700-53860-340	OPERATING SUPPLIE	52-6161035-7 5/16	106.14	ELECTRICITY-JULIE AVE
106726	05/17/2016	XCEL ENERGY	700-53860-340	OPERATING SUPPLIE	52-6161035-7 5/16	43.07	ELECTRICITY-IBAND AVE
106746	05/20/2016	Tri-State Business	700-53920-310	OFFICE SUPPLIES	374771	42.48	COPIER CONTRACT 5/21/
106855	05/26/2016	Gerke Excavating In	700-53850-240	REPAIRS & MAINTENA	10780	2,244.00	REPLACE MANHOLE-S W
106876	05/26/2016	Sparta Postmaster	700-53920-342	POSTAGE	5/24/16	188.00	SANITATION STAMPS-4
106890	05/31/2016	Auto Value Parts St	700-53840-240	REPAIRS & MAINTENA	525025324	3.49	MINI LAMP
106891	05/31/2016	B & B PLUMBING I	700-53870-240	REPAIRS & MAINTENA	5441 5/5/16	26.35	BALL VALVE COPPER
106891	05/31/2016	B & B PLUMBING I	700-53870-210	PROFESSIONAL SERV	5441 5/5/16	90.50	LABOR/TRIP CHARGE
106893	05/31/2016	Band Box Cleaners	700-53830-210	PROFESSIONAL SERV	83368	28.93	Towel shop
106893	05/31/2016	Band Box Cleaners	700-53830-210	PROFESSIONAL SERV	85539	22.32	Towel shop
106895	05/31/2016	CARQUEST AUTO	700-53840-240	REPAIRS & MAINTENA	1580-243168	91.06	BATTERY
106899	05/31/2016	DALCO	700-53830-250	CUSTODIAN SERVICE	3023984	724.66	INTENSE TILE CLEANER/
106900	05/31/2016	Davy Laboratories	700-53830-923	OUTSIDE SERVICES	6050367	44.75	Copper
106905	05/31/2016	Hydrite Chemical C	700-53820-825	SLUDGE THICKENING	01906034	4,671.50	Hydrifloc
106906	05/31/2016	L W Allen LLC	700-53860-340	OPERATING SUPPLIE	101009	2,612.92	Pump REPAIR - JULIE AV
106909	05/31/2016	Mulcahy / Shaw Wat	700-53870-240	REPAIRS & MAINTENA	319956	585.41	WIPER SEAL KIT/O RING
106913	05/31/2016	The Hardware Store	700-53870-240	REPAIRS & MAINTENA	A258363	14.49	WELDABLE STEEL FLAT
106913	05/31/2016	The Hardware Store	700-53870-240	REPAIRS & MAINTENA	A258363	1.45-	DISCOUNT
106913	05/31/2016	The Hardware Store	700-53870-240	REPAIRS & MAINTENA	B232366	4.49	GROUNDING ROD CLAM
106913	05/31/2016	The Hardware Store	700-53870-240	REPAIRS & MAINTENA	B232366	.45-	DISCOUNT
106913	05/31/2016	The Hardware Store	700-53830-273	TOOLS	B233274	44.43	CABLE TIES/ELEC TAPE/
106913	05/31/2016	The Hardware Store	700-53830-273	TOOLS	B233274	4.44-	DISCOUNT
106917	05/31/2016	USA Blue Book	700-53860-340	OPERATING SUPPLIE	954047	290.93	MECHANICAL SWITCH
106920	05/31/2016	WRIGHT'S SEPTIC	700-53870-210	PROFESSIONAL SERV	5/3/16	250.00	Clean grease trap behind
106921	05/31/2016	XCEL ENERGY	700-53860-340	OPERATING SUPPLIE	52-8129801-9 5/22/	26.53	ELECTRICITY-HANSON P
106921	05/31/2016	XCEL ENERGY	700-53860-340	OPERATING SUPPLIE	52-9873089-3 5/22/	19.05	ELECTRICITY-HEMSTOC

Grand Totals:

31,405.99

Check Number	Check Issue Date	Vendor Name	Invoice GL Account	Invoice GL Account Title	Invoice Number	Amount	Description
106535	05/03/2016	Auto Value Parts St	100-53240-240	REPAIRS & MAINTENA	525022894	42.99	GUN-GREASE PIS
106535	05/03/2016	Auto Value Parts St	100-53240-240	REPAIRS & MAINTENA	525023070	6.06	OIL FILTERS FOR
106535	05/03/2016	Auto Value Parts St	100-53240-240	REPAIRS & MAINTENA	525023125	16.99	RV BLADE
106535	05/03/2016	Auto Value Parts St	100-53510-340	OPERATING SUPPLIE	525023145	11.02	HD OIL CONSTRU
106535	05/03/2016	Auto Value Parts St	100-53240-240	REPAIRS & MAINTENA	525023430	5.99	FPR #9 SINGLE ED
106546	05/03/2016	SHERWIN WILLIAM	100-53340-340	OPERATING SUPPLIE	6479-6	3,919.54	HL WB YL/FD WB
106546	05/03/2016	SHERWIN WILLIAM	100-53340-340	OPERATING SUPPLIE	6479-6	204.34	LESS SALES TAX
106548	05/03/2016	The Hardware Store	100-53510-340	OPERATING SUPPLIE	3120 4/30/16	25.27	LACQUER THINNE
106548	05/03/2016	The Hardware Store	100-53510-340	OPERATING SUPPLIE	3120 4/30/16	2.53	DISCOUNT
106549	05/03/2016	TRAFFIC & PARKI	100-53340-340	OPERATING SUPPLIE	524396	1,120.09	COURT ST/W MAIN
106550	05/03/2016	WE ENERGIES	100-53230-221	HEATING - GAS	2463-120-696 4/27/	211.67	MAINT FACILITY
106552	05/04/2016	All American Do It C	100-53300-340	OPERATING SUPPLIE	4/30/16 STREET D	37.49	10159067 GROUN
106552	05/04/2016	All American Do It C	100-53340-340	OPERATING SUPPLIE	4/30/16 STREET D	15.99	10159143 PLYWOO
106552	05/04/2016	All American Do It C	100-53300-340	OPERATING SUPPLIE	4/30/16 STREET D	8.99	10159752 GROUN
106552	05/04/2016	All American Do It C	100-53300-340	OPERATING SUPPLIE	4/30/16 STREET D	46.47	10159977 MAILBO
106552	05/04/2016	All American Do It C	100-53340-340	OPERATING SUPPLIE	4/30/16 STREET D	35.98	10160897 GROUN
106554	05/04/2016	Bruce Municipal Eq	100-53240-240	REPAIRS & MAINTENA	5161632	34.80	SWEOPER
106556	05/04/2016	John M Ellsworth C	100-53100-325	SAFETY PROGRAM	0450212	68.49	LINED BMR JKT
106560	05/04/2016	The Hardware Store	100-53300-240	REPAIRS & MAINTENA	3180 4/30/16	44.77	A255382 PAINT SP
106560	05/04/2016	The Hardware Store	100-53240-240	REPAIRS & MAINTENA	3180 4/30/16	21.35	B230246 HARDWA
106560	05/04/2016	The Hardware Store	100-53240-240	REPAIRS & MAINTENA	3180 4/30/16	3.58	A255497 HARDWA
106560	05/04/2016	The Hardware Store	100-53240-240	REPAIRS & MAINTENA	3180 4/30/16	6.00	A255511 HARDWA
106560	05/04/2016	The Hardware Store	100-53240-240	REPAIRS & MAINTENA	3180 4/30/16	43.99	A255513 ALUMINU
106560	05/04/2016	The Hardware Store	100-53340-340	OPERATING SUPPLIE	3180 4/30/16	5.76	A255569 HARDWA
106560	05/04/2016	The Hardware Store	100-53240-240	REPAIRS & MAINTENA	3180 4/30/16	4.09	B230335 HARDWA
106560	05/04/2016	The Hardware Store	100-53240-240	REPAIRS & MAINTENA	3180 4/30/16	1.84	A255588 HARDWA
106560	05/04/2016	The Hardware Store	100-53240-240	REPAIRS & MAINTENA	3180 4/30/16	9.47	A256437 SEALANT/
106560	05/04/2016	The Hardware Store	100-53300-340	OPERATING SUPPLIE	3180 4/30/16	7.29	A256601 GALV DE
106560	05/04/2016	The Hardware Store	100-53240-240	REPAIRS & MAINTENA	3180 4/30/16	9.99	A257167 9V BATTE
106560	05/04/2016	The Hardware Store	100-53300-340	OPERATING SUPPLIE	3180 4/30/16	21.44	B231913 REPAIT T
106560	05/04/2016	The Hardware Store	100-53300-240	REPAIRS & MAINTENA	3180 4/30/16	11.98	A257334 SPRAY P
106560	05/04/2016	The Hardware Store	100-53240-240	REPAIRS & MAINTENA	3180 4/30/16	19.17	DISCOUNT
106561	05/04/2016	UNIVERSAL TRUC	100-53240-240	REPAIRS & MAINTENA	41660	344.25	ELECTRIC LOCK V
106561	05/04/2016	UNIVERSAL TRUC	100-53240-240	REPAIRS & MAINTENA	41662	96.00	STEEL ADAPTER/B
106561	05/04/2016	UNIVERSAL TRUC	100-53240-240	REPAIRS & MAINTENA	41666	24.00	RUBBER DUST CA
106563	05/06/2016	1ST COMMUNITY	100-53100-340	OPERATING SUPPLIE	0976 4/27/16	33.58	DPW
106563	05/06/2016	1ST COMMUNITY	100-53340-340	OPERATING SUPPLIE	0976 4/27/16	534.00	STREET DEPT
106563	05/06/2016	1ST COMMUNITY	100-53100-320	PUBLICATIONS/SEMIN	0976 4/27/16	257.60	DPW
106580	05/06/2016	MONROE COUNTY	100-53620-000	GARBAGE & REFUSE	157041	110.00	30 APPL/TV/ELECT
106580	05/06/2016	MONROE COUNTY	100-53620-000	GARBAGE & REFUSE	157042	38.00	FLUORESCENT BU
106580	05/06/2016	MONROE COUNTY	100-53620-000	GARBAGE & REFUSE	157046	111.00	20A HID LAMPS
106583	05/06/2016	SPARTA COOPER	100-53510-221	HEATING - GAS	2467 4/30/16	288.79	AIRPORT PROPAN
106583	05/06/2016	SPARTA COOPER	100-53240-371	GAS/OIL	5127 4/30/16	313.56	GAS CHGS - APR 2
106583	05/06/2016	SPARTA COOPER	100-53330-340	OPERATING SUPPLIE	5127 4/30/16	122.50	SPARTA PARKS 50
106660	05/11/2016	CRAWFORD OIL C	100-53510-371	GAS/OIL	199359	1,627.12	AIRPORT FUEL
106668	05/11/2016	MODERN DISPOS	100-53620-000	GARBAGE & REFUSE	5/15/16	17,298.02	GARBAGE & REFU
106670	05/11/2016	MONROE COUNTY	100-53320-340	OPERATING SUPPLIE	1/31/16	1,318.34	SAND/SALT/SCALE
106670	05/11/2016	MONROE COUNTY	100-53440-340	OPERATING SUPPLIE	2/29/16	1,799.00	SMALL TOOLS/LAB
106670	05/11/2016	MONROE COUNTY	100-53100-325	SAFETY PROGRAM	3/31/16	25.00	DRUG SCREEN CH
106687	05/11/2016	XCEL ENERGY	100-53420-000	STREETE LIGHTING	52-6161034-6 5/3/1	14.42	LIGHTS-107 N WAT
106687	05/11/2016	XCEL ENERGY	100-53420-000	STREETE LIGHTING	52-6161038-0 5/3/1	8,325.20	LIGHTS
106687	05/11/2016	XCEL ENERGY	100-53230-220	ELECTRIC	52-6161038-0 5/3/1	386.69	SHOP
106687	05/11/2016	XCEL ENERGY	100-53510-220	ELECTRIC	52-6161038-0 5/3/1	192.53	AIRPORT
106687	05/11/2016	XCEL ENERGY	100-53420-000	STREETE LIGHTING	52-8821940-5 5/4/1	285.09	LIGHTS-109 N WAT
106687	05/11/2016	XCEL ENERGY	100-53420-000	STREETE LIGHTING	52-8821941-6 5/3/1	52.49	LIGHTS-517 N WAT
106687	05/11/2016	XCEL ENERGY	100-53420-000	STREETE LIGHTING	52-9213733-6 5/3/1	31.68	LIGHTS-116 W MAI
106691	05/13/2016	CenturyLink	100-53230-391	TELEPHONE	301284392 5/4/16	139.66	CITY SHOP

Check Number	Check Issue Date	Vendor Name	Invoice GL Account	Invoice GL Account Title	Invoice Number	Amount	Description
106698	05/13/2016	Mathy Construction	100-53300-340	OPERATING SUPPLIE	5200012051	533.37	COLD MIX
106702	05/13/2016	P & P PRODUCTS	100-53240-240	REPAIRS & MAINTENA	11411834	27.00	2" NUMBERS
106710	05/17/2016	CenturyLink	100-53510-391	TELEPHONE	301280811 5/4/16	169.30	AIRPORT
106719	05/17/2016	PERKINS OIL	100-53240-371	GAS/OIL	0182867	95.07	KG TUBES GADUS
106720	05/17/2016	SHERWIN WILLIAM	100-53340-340	OPERATING SUPPLIE	6687-4	1,903.75	AASHTO GLASS B
106720	05/17/2016	SHERWIN WILLIAM	100-53340-340	OPERATING SUPPLIE	6687-4	99.25-	LESS SALES TAX
106723	05/17/2016	TRAFFIC & PARKI	100-53340-340	OPERATING SUPPLIE	526166	38.02	PRIVATE DRIVE SI
106726	05/17/2016	XCEL ENERGY	100-53420-000	STREETE LIGHTING	52-6161038-0 5/11/	381.79	LIGHTS
106726	05/17/2016	XCEL ENERGY	100-53510-220	ELECTRIC	52-6334618-9 5/10/	34.44	AIRPORT
106728	05/18/2016	CROELL REDI-MIX	100-53440-340	OPERATING SUPPLIE	111425	68.00	WALWRATH & MIL
106728	05/18/2016	CROELL REDI-MIX	100-53440-340	OPERATING SUPPLIE	111795	97.50	WALWRATH & MIL
106728	05/18/2016	CROELL REDI-MIX	100-53440-340	OPERATING SUPPLIE	111795	15.00-	DISCOUNT
106735	05/18/2016	TRAFFIC & PARKI	100-53340-340	OPERATING SUPPLIE	526165	230.46	BRACKETS
106737	05/18/2016	USA Blue Book	100-53230-340	OPERATING SUPPLIE	952854	158.02	SAFETY GLASSES/
106738	05/18/2016	XCEL ENERGY	100-53420-000	STREETE LIGHTING	52-7351573-2 5/13/	26.86	LIGHTS-318 S CHE
106740	05/20/2016	CROELL REDI-MIX	100-53440-340	OPERATING SUPPLIE	112641	127.00	WALWRATH & MIL
106740	05/20/2016	CROELL REDI-MIX	100-53440-340	OPERATING SUPPLIE	112641	20.00-	DISCOUNT
106744	05/20/2016	ROCK OIL REFININ	100-53240-240	REPAIRS & MAINTENA	251787	75.00	OIL DISPOSAL
106746	05/20/2016	Tri-State Business	100-53100-340	OPERATING SUPPLIE	374771	42.48	COPIER CONTRAC
106749	05/20/2016	XCEL ENERGY	100-53510-220	ELECTRIC	52-0793737-9 5/16/	17.48	AIRPORT
106856	05/26/2016	GUNDERSEN HEA	100-53240-340	OPERATING SUPPLIE	400000000485 5/6/	57.00	400000000485
106860	05/26/2016	JOHN DEERE FINA	100-53510-340	OPERATING SUPPLIE	11113-44850 5/8/16	153.44	1188090 BULB/BAI
106867	05/26/2016	MODERN DISPOS	100-53620-000	GARBAGE & REFUSE	6/1/16	17,298.02	GARBAGE & REFU
106911	05/31/2016	Schilling Supply Co	100-53240-240	REPAIRS & MAINTENA	542808-00	128.71	WIPER SPLFTER
106914	05/31/2016	TRAFFIC & PARKI	100-53510-340	OPERATING SUPPLIE	527358	65.22	FUEL SPILL KIT
106919	05/31/2016	WI DNR	100-53620-000	GARBAGE & REFUSE	642009500-2016-1	176.00	2016 Environmental
106921	05/31/2016	XCEL ENERGY	100-53420-000	STREETE LIGHTING	52-8821676-4 5/23/	36.49	LIGHTS-208 S WAT

Grand Totals:

61,148.03

Check Number	Check Issue Date	Vendor Name	Invoice GL Account	Invoice GL Account Title	Invoice Number	Amount	Description
106545	05/03/2016	QUILL CORPORATI	600-53920-921	OFFICE EXPENSES	5240533	23.69	KIT RAIL LAT FILE
106545	05/03/2016	QUILL CORPORATI	600-53920-921	OFFICE EXPENSES	5303629	52.00	WIRE PANEL
106550	05/03/2016	WE ENERGIES	600-53600-623	FUEL & POWER PURC	0072-378-771 4/27/	139.92	GAS-STANNARD DR
106550	05/03/2016	WE ENERGIES	600-53600-623	FUEL & POWER PURC	1494-782-965 4/27/	412.56	GAS-RILEY RD
106550	05/03/2016	WE ENERGIES	600-53600-623	FUEL & POWER PURC	3691-118-861 4/27/	204.08	GAS-TOWER ST
106550	05/03/2016	WE ENERGIES	600-53920-933	TRANSPORTATION	4203-487-249 4/27/	52.11	GAS-CHESTERR ST BLD
106550	05/03/2016	WE ENERGIES	600-53920-933	TRANSPORTATION	8027-738-976 4/27/	48.07	GAS-CHESTER ST BLDG
106567	05/06/2016	Brooks Excavating	600-53650-685	MAINTENANCE OF SE	5745	960.00	EXCAVATOR-HONE WAT
106583	05/06/2016	SPARTA COOPER	600-53920-933	TRANSPORTATION	5128 4/30/16	544.25	GAS CHGS - APR 2016
106584	05/06/2016	SURE PLUMBING	600-53650-685	MAINTENANCE OF SE	4912	760.60	REPAIR TO 950 RIVERW
106590	05/06/2016	WI State Lab of Hyg	600-53630-642	OPERATION LABOR &	458770	25.00	Fluoride samples
106690	05/13/2016	Brenengen Chevrol	600-03920	TRANSPORTATION E	46196 A	134.98	2016 CHEVY SILV-INSTA
106691	05/13/2016	CenturyLink	600-53600-626	MISC EXPENSES PUM	301283684 5/4/16	76.52	TELEPHONE - 269-6719
106695	05/13/2016	EVANS PRINT & M	600-53900-906	CUSTOMER SERVICE	1289	66.50	OFFICIAL NOTICE
106701	05/13/2016	MSA Professional S	600-53920-923	OUTSIDE SERVICES	R00051038.0 1	916.00	GIS TECH SERV-2/28/16
106710	05/17/2016	CenturyLink	600-53600-626	MISC EXPENSES PUM	301282035 5/4/16	214.22	TELEPHONE 269-4334
106722	05/17/2016	TRACTOR CENTR	600-03960	POWER OPERATED E	04111930	6,490.00	2016 JOHN DEERE X590
106724	05/17/2016	W.W.W.P. - Barabo	600-53920-930	MISCELLANEOUS GE	5/17/16	25.00	REGISTRATION QTR MT
106724	05/17/2016	W.W.W.P. - Barabo	600-53920-930	MISCELLANEOUS GE	5/17/16	25.00	REGISTRATION QTR MT
106724	05/17/2016	W.W.W.P. - Barabo	600-53920-930	MISCELLANEOUS GE	5/17/16	25.00	REGISTRATION QTR MT
106724	05/17/2016	W.W.W.P. - Barabo	600-53920-930	MISCELLANEOUS GE	5/17/16	25.00	REGISTRATION QTR MT
106726	05/17/2016	XCEL ENERGY	600-53600-623	FUEL & POWER PURC	52-8090251-0 5/7/1	307.37	ELECTRICITY-1275 ICEC
106726	05/17/2016	XCEL ENERGY	600-53600-623	FUEL & POWER PURC	52-8327905-4 5/11/	2,498.86	ELECTRICITY-2050 RILE
106726	05/17/2016	XCEL ENERGY	600-53600-623	FUEL & POWER PURC	52-8327905-4 5/9/1	73.31	ELECTRICITY-3185 RILE
106746	05/20/2016	Tri-State Business	600-53920-921	OFFICE EXPENSES	374771	42.48	COPIER CONTRACT 5/21/
106860	05/26/2016	JOHN DEERE FINA	600-53600-626	MISC EXPENSES PUM	11113-44850 5/8/16	.54	1179906 BULK MIDWEST
106860	05/26/2016	JOHN DEERE FINA	600-53650-663	METER EXPENSE	11113-44850 5/8/16	.89	1181022 CLAMP
106860	05/26/2016	JOHN DEERE FINA	600-53630-651	MAINT. STRUCTURE &	11113-44850 5/8/16	27.99	1183854 BALLAST
106876	05/26/2016	Sparta Postmaster	600-53920-921	OFFICE EXPENSES	5/24/16	188.00	WATER UTILITY STAMPS
106887	05/31/2016	Advanced Electric E	600-53600-633	MAINTENANCE OF PU	0122480	1,188.92	REPAIR BACKWASH PU
106890	05/31/2016	Auto Value Parts St	600-53600-633	MAINTENANCE OF PU	525024573	105.99	BATTERY
106891	05/31/2016	B & B PLUMBING I	600-53600-633	MAINTENANCE OF PU	5881	385.00	WATER HEATER
106891	05/31/2016	B & B PLUMBING I	600-53600-633	MAINTENANCE OF PU	5901	45.90	AMTROL #15 TANK
106898	05/31/2016	Coulee Region Mec	600-53650-685	MAINTENANCE OF SE	16-414	880.00	CROSS CONNECTION IN
108900	05/31/2016	Davy Laboratories	600-53630-642	OPERATION LABOR &	6050096	190.00	Coliforms
106903	05/31/2016	Hawkins Inc	600-53630-641	CHEMICALS	3883690 RI	2,053.84	CHLORINE/SODIUM HYD
106904	05/31/2016	HD Supply Waterwo	600-03460	METERS - TRANS & DI	F340981-2	103.10	CPLG PJCTS
106904	05/31/2016	HD Supply Waterwo	600-03460	METERS - TRANS & DI	F437271	103.10-	CPLG PJCTS
106904	05/31/2016	HD Supply Waterwo	600-03460	METERS - TRANS & DI	F492057	110.53	RUBBER MTR WASHER
106904	05/31/2016	HD Supply Waterwo	600-53650-687	MAINTENANCE OF HY	F492086	775.57	WATEROUS VALVE SEAT
106904	05/31/2016	HD Supply Waterwo	600-01540	PLANT MATERIAL-OP	F511200	166.11	REPAIR CLAMP
106907	05/31/2016	LYNN BUILDERS L	600-53630-651	MAINT. STRUCTURE &	371	28,518.00	REROOF-WELL HOUSE #
106913	05/31/2016	The Hardware Store	600-53600-633	MAINTENANCE OF PU	A258458	6.90	HARDWARE
106913	05/31/2016	The Hardware Store	600-53600-633	MAINTENANCE OF PU	A258458	.69-	DISCOUNT
106913	05/31/2016	The Hardware Store	600-53650-663	METER EXPENSE	A258883	33.16	BALL VALVE/BRASS CON
106913	05/31/2016	The Hardware Store	600-53650-663	METER EXPENSE	A258883 DISCOUN	3.32-	DISCOUNT
106913	05/31/2016	The Hardware Store	600-53630-643	MISC EXPENSES WAT	B232276	4.99	BLUE RTV SILICONE
106913	05/31/2016	The Hardware Store	600-53630-643	MISC EXPENSES WAT	B232276	.50-	DISCOUNT
106913	05/31/2016	The Hardware Store	600-53630-652	MAINT. WATER TREAT	B232664	3.98	SS HOSE
106913	05/31/2016	The Hardware Store	600-53630-652	MAINT. WATER TREAT	B232664	.40-	DISCOUNT
Grand Totals:						48,823.92	

Compliance Maintenance Annual Report

Sparta Wastewater Treatment Facility

Last Updated: Reporting For:
6/3/2016 2015

Influent Flow and Loading

1. Monthly Average Flows and (C)BOD Loadings

1.1 Verify the following monthly flows and (C)BOD loadings to your facility.

Outfall No. 703	Influent Monthly Average Flow, MGD	x	Influent Monthly Average (C)BOD Concentration mg/L	x	8.34	=	Influent Monthly Average (C)BOD Loading, lbs/day
January	1.0551	x	284	x	8.34	=	2,499
February	1.0374	x	263	x	8.34	=	2,275
March	1.0990	x	285	x	8.34	=	2,616
April	1.1560	x	267	x	8.34	=	2,576
May	1.1865	x	278	x	8.34	=	2,748
June	1.3086	x	259	x	8.34	=	2,830
July	1.2639	x	319	x	8.34	=	3,364
August	1.1736	x	288	x	8.34	=	2,821
September	1.1730	x	287	x	8.34	=	2,803
October	1.1365	x	320	x	8.34	=	3,031
November	1.0241	x	308	x	8.34	=	2,631
December	1.0856	x	318	x	8.34	=	2,877

2. Maximum Month Design Flow and Design (C)BOD Loading

2.1 Verify the design flow and loading for your facility.

Design	Design Factor	x	%	=	% of Design
Max Month Design Flow, MGD	2.75	x	90	=	2.475
		x	100	=	2.75
Design (C)BOD, lbs/day	6550	x	90	=	5895
		x	100	=	6550

2.2 Verify the number of times the flow and (C)BOD exceeded 90% or 100% of design, points earned, and score:

	Months of Influent	Number of times flow was greater than 90% of	Number of times flow was greater than 100% of	Number of times (C)BOD was greater than 90% of design	Number of times (C)BOD was greater than 100% of design
January	1	0	0	0	0
February	1	0	0	0	0
March	1	0	0	0	0
April	1	0	0	0	0
May	1	0	0	0	0
June	1	0	0	0	0
July	1	0	0	0	0
August	1	0	0	0	0
September	1	0	0	0	0
October	1	0	0	0	0
November	1	0	0	0	0
December	1	0	0	0	0
Points per each		2	1	3	2
Exceedances		0	0	0	0
Points		0	0	0	0
Total Number of Points					0

0

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Sparta Wastewater Treatment Facility

Last Updated: Reporting For:
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3. Flow Meter

3.1 Was the influent flow meter calibrated in the last year?

Yes Enter last calibration date (MM/DD/YYYY)

No

If No, please explain:

4. Sewer Use Ordinance

4.1 Did your community have a sewer use ordinance that limited or prohibited the discharge of excessive conventional pollutants ((C)BOD, SS, or pH) or toxic substances to the sewer from industries, commercial users, hauled waste, or residences?

Yes

No

If No, please explain:

4.2 Was it necessary to enforce the ordinance?

Yes

No

If Yes, please explain:

5. Septage Receiving

5.1 Did you have requests to receive septage at your facility?

Septic Tanks	Holding Tanks	Grease Traps
--------------	---------------	--------------

Yes

Yes

Yes

No

No

No

5.2 Did you receive septage at your facility? If yes, indicate volume in gallons.

Septic Tanks

Yes gallons

No

Holding Tanks

Yes gallons

No

Grease Traps

Yes gallons

No

5.2.1 If yes to any of the above, please explain if plant performance is affected when receiving any of these wastes.

6. Pretreatment

6.1 Did your facility experience operational problems, permit violations, biosolids quality concerns, or hazardous situations in the sewer system or treatment plant that were attributable to commercial or industrial discharges in the last year?

Yes

No

If yes, describe the situation and your community's response.

6.2 Did your facility accept hauled industrial wastes, landfill leachate, etc.?

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Sparta Wastewater Treatment Facility

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<p><input checked="" type="radio"/> Yes <input type="radio"/> No</p> <p>If yes, describe the types of wastes received and any procedures or other restrictions that were in place to protect the facility from the discharge of hauled industrial wastes.</p> <p>Landfill leachates totaled 4,724,926 gallons. Salt brine, dairy wastes and animal processing wastes totaled 1,358,080 gallons. Sampled leachates monthly and limited salt brines.</p>	
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Total Points Generated	0
Score (100 - Total Points Generated)	100
Section Grade	A

Compliance Maintenance Annual Report

Sparta Wastewater Treatment Facility

Last Updated: Reporting For:
6/3/2016 2015

Effluent Quality and Plant Performance (BOD/CBOD)

1. Effluent (C)BOD Results

1.1 Verify the following monthly average effluent values, exceedances, and points for BOD or CBOD

Outfall No. 001	Monthly Average Limit (mg/L)	90% of Permit Limit > 10 (mg/L)	Effluent Monthly Average (mg/L)	Months of Discharge with a Limit	Permit Limit Exceedance	90% Permit Limit Exceedance
January	30	27	14	1	0	0
February	30	27	10	1	0	0
March	30	27	13	1	0	0
April	30	27	12	1	0	0
May	30	27	9	1	0	0
June	30	27	12	1	0	0
July	30	27	15	1	0	0
August	30	27	7	1	0	0
September	30	27	8	1	0	0
October	30	27	13	1	0	0
November	30	27	9	1	0	0
December	30	27	11	1	0	0

* Equals limit if limit is <= 10

Months of discharge/yr	12		
Points per each exceedance with 12 months of discharge		7	3
Exceedances		0	0
Points		0	0
Total number of points			0

NOTE: For systems that discharge intermittently to state waters, the points per monthly exceedance for this section shall be based upon a multiplication factor of 12 months divided by the number of months of discharge. Example: For a wastewater facility discharging only 6 months of the year, the multiplication factor is $12/6 = 2.0$

1.2 If any violations occurred, what action was taken to regain compliance?

n/a

2. Flow Meter Calibration

2.1 Was the effluent flow meter calibrated in the last year?

Yes

Enter last calibration date (MM/DD/YYYY)

12/09/2015

No

If No, please explain:

B&M Technical Services calibrate our flow meters twice a year. During 2015 they calibrated on 6/18/2015 and 12/9/2015.

3. Treatment Problems

3.1 What problems, if any, were experienced over the last year that threatened treatment?

No major problems during 2015 that threatened treatment.

4. Other Monitoring and Limits

4.1 At any time in the past year was there an exceedance of a permit limit for any other pollutants such as chlorides, pH, residual chlorine, fecal coliform, or metals?

Yes

No

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Sparta Wastewater Treatment Facility

Last Updated: Reporting For:
6/3/2016 2015

<p>If Yes, please explain:</p> <div style="border: 1px solid black; padding: 2px;">n/a</div>
<p>4.2 At any time in the past year was there a failure of an effluent acute or chronic whole effluent toxicity (WET) test?</p> <p><input type="radio"/> Yes</p> <p><input checked="" type="radio"/> No</p> <p>If Yes, please explain:</p> <div style="border: 1px solid black; padding: 2px;">n/a</div>
<p>4.3 If the biomonitoring (WET) test did not pass, were steps taken to identify and/or reduce source(s) of toxicity?</p> <p><input type="radio"/> Yes</p> <p><input type="radio"/> No</p> <p><input checked="" type="radio"/> N/A</p> <p>Please explain unless not applicable:</p> <div style="border: 1px solid black; padding: 2px;">n/a</div>

Total Points Generated	0
Score (100 - Total Points Generated)	100
Section Grade	A

Compliance Maintenance Annual Report

Sparta Wastewater Treatment Facility

Last Updated: Reporting For:
6/3/2016 2015

Effluent Quality and Plant Performance (Total Suspended Solids)

1. Effluent Total Suspended Solids Results

1.1 Verify the following monthly average effluent values, exceedances, and points for TSS:

Outfall No. 001	Monthly Average Limit (mg/L)	90% of Permit Limit >10 (mg/L)	Effluent Monthly Average (mg/L)	Months of Discharge with a Limit	Permit Limit Exceedance	90% Permit Limit Exceedance
January	30	27	14	1	0	0
February	30	27	10	1	0	0
March	30	27	13	1	0	0
April	30	27	10	1	0	0
May	30	27	10	1	0	0
June	30	27	8	1	0	0
July	30	27	10	1	0	0
August	30	27	5	1	0	0
September	30	27	6	1	0	0
October	30	27	8	1	0	0
November	30	27	8	1	0	0
December	30	27	9	1	0	0
* Equals limit if limit is <= 10						
Months of Discharge/yr				12		
Points per each exceedance with 12 months of discharge:					7	3
Exceedances					0	0
Points					0	0
Total Number of Points						0

0

NOTE: For systems that discharge intermittently to state waters, the points per monthly exceedance for this section shall be based upon a multiplication factor of 12 months divided by the number of months of discharge.

Example: For a wastewater facility discharging only 6 months of the year, the multiplication factor is $12/6 = 2.0$

1.2 If any violations occurred, what action was taken to regain compliance?

n/a

Total Points Generated	0
Score (100 - Total Points Generated)	100
Section Grade	A

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Sparta Wastewater Treatment Facility

Last Updated: Reporting For:
6/3/2016 2015

Effluent Quality and Plant Performance (Ammonia - NH3)

1. Effluent Ammonia Results

1.1 Verify the following monthly and weekly average effluent values, exceedances and points for NH3

Outfall No. 001	Monthly Average NH3 Limit (mg/L)	Weekly Average NH3 Limit (mg/L)	Effluent Monthly Average NH3 (mg/L)	Monthly Permit Limit Exceedance	Effluent Weekly Average for Week 1	Effluent Weekly Average for Week 2	Effluent Weekly Average for Week 3	Effluent Weekly Average for Week 4	Weekly Permit Limit Exceedance
January		23			2.963	.148	.094	.196	
February		23			.451	.981	4.254	1.732	
March		23			4.382	.393	2.931	.158	
April		23			.175	1.836	1.5	.203	
May									
June									
July									
August									
September									
October									
November		23			.892	.135	.204	.133	
December		23			.639	.084	.162	.795	
Points per each exceedance of Monthly average:									10
Exceedances, Monthly:									0
Points:									0
Points per each exceedance of weekly average (when there is no monthly average):									2.5
Exceedances, Weekly:									0
Points:									0
Total Number of Points									0

0

NOTE: Limit exceedances are considered for monthly OR weekly averages but not both. When a monthly average limit exists it will be used to detect exceedances and generate points. This will be true even if a weekly limit also exists. When a weekly average limit exists and a monthly limit does not exist, the weekly limit will be used to detect exceedances and generate points.

1.2 If any violations occurred, what action was taken to regain compliance?

n/a

Total Points Generated	0
Score (100 - Total Points Generated)	100
Section Grade	A

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Sparta Wastewater Treatment Facility

Last Updated: Reporting For:
6/3/2016 2015

Effluent Quality and Plant Performance (Phosphorus)

1. Effluent Phosphorus Results

1.1 Verify the following monthly average effluent values, exceedances, and points for Phosphorus

Outfall No. 001	Monthly Average phosphorus Limit (mg/L)	Effluent Monthly Average phosphorus (mg/L)	Months of Discharge with a Limit	Permit Limit Exceedance
January	1	0.8	1	0
February	1	0.6	1	0
March	1	0.7	1	0
April	1	0.6	1	0
May	1	0.7	1	0
June	1	0.5	1	0
July	1	0.8	1	0
August	1	0.5	1	0
September	1	0.5	1	0
October	1	0.8	1	0
November	1	0.6	1	0
December	1	0.5	1	0
Months of Discharge/yr			12	
Points per each exceedance with 12 months of discharge:				10
Exceedances				0
Total Number of Points				0

0

NOTE: For systems that discharge intermittently to waters of the state, the points per monthly exceedance for this section shall be based upon a multiplication factor of 12 months divided by the number of months of discharge.

Example: For a wastewater facility discharging only 6 months of the year, the multiplication factor is $12/6 = 2.0$

1.2 If any violations occurred, what action was taken to regain compliance?

n/a

Total Points Generated	0
Score (100 - Total Points Generated)	100
Section Grade	A

Compliance Maintenance Annual Report

Sparta Wastewater Treatment Facility

Last Updated: Reporting For:
6/3/2016 2015

Biosolids Quality and Management

1. Biosolids Use/Disposal

1.1 How did you use or dispose of your biosolids? (Check all that apply)

- Land applied under your permit
- Publicly Distributed Exceptional Quality Biosolids
- Hauled to another permitted facility
- Landfilled
- Incinerated
- Other

NOTE: If you did not remove biosolids from your system, please describe your system type such as lagoons, reed beds, recirculating sand filters, etc.

1.1.1 If you checked Other, please describe:

n/a

2. Land Application Site

2.1 Last Year's Approved and Active Land Application Sites

2.1.1 How many acres did you have?

1523 acres

2.1.2 How many acres did you use?

205.1 acres

2.2 If you did not have enough acres for your land application needs, what action was taken?

n/a

2.3 Did you overapply nitrogen on any of your approved land application sites you used last year?

Yes (30 points)

No

2.4 Have all the sites you used last year for land application been soil tested in the previous 4 years?

Yes

No (10 points)

N/A

3. Biosolids Metals

Number of biosolids outfalls in your WPDES permit:

3.1 For each outfall tested, verify the biosolids metal quality values for your facility during the last calendar year.

Outfall No. 005 - LAND APPLICATON of SLUDGE

Parameter	80% of Limit	H.Q. Limit	Ceiling Limit	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	80% Value	High Quality	Ceiling
Arsenic		41	75				10.4										0	0
Cadmium		39	85				13.6										0	0
Copper		1500	4300				480										0	0
Lead		300	840				24.1										0	0
Mercury		17	57				.336										0	0
Molybdenum	60		75				7.45									0		0
Nickel	336		420				15									0		0
Selenium	80		100				<3.99									0		0
Zinc		2800	7500				523										0	0

3.1.1 Number of times any of the metals exceeded the high quality limits OR 80% of the limit for molybdenum, nickel, or selenium = 0

Exceedence Points

0 (0 Points)

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<p> <input type="radio"/> 1-2 (10 Points) <input type="radio"/> > 2 (15 Points) 3.1.2 If you exceeded the high quality limits, did you cumulatively track the metals loading at each land application site? (check applicable box) <input type="radio"/> Yes <input type="radio"/> No (10 points) <input checked="" type="radio"/> N/A - Did not exceed limits or no HQ limit applies (0 points) <input type="radio"/> N/A - Did not land apply biosolids until limit was met (0 points) 3.1.3 Number of times any of the metals exceeded the ceiling limits = 0 Exceedence Points <input checked="" type="radio"/> 0 (0 Points) <input type="radio"/> 1 (10 Points) <input type="radio"/> > 1 (15 Points) 3.1.4 Were biosolids land applied which exceeded the ceiling limit? <input type="radio"/> Yes (20 Points) <input checked="" type="radio"/> No (0 Points) 3.1.5 If any metal limit (high quality or ceiling) was exceeded at any time, what action was taken? Has the source of the metals been identified? <div style="border: 1px solid black; padding: 2px; width: fit-content;">n/a</div> </p>	0																				
<p>4. Pathogen Control (per outfall):</p> <p>4.1 Verify the following information. If any information is incorrect, Contact Us.</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td style="width: 40%;">Outfall Number:</td><td>005</td></tr> <tr><td>Biosolids Class:</td><td>B</td></tr> <tr><td>Bacteria Type and Limit:</td><td></td></tr> <tr><td>Sample Dates:</td><td>01/01/2015 - 12/31/2015</td></tr> <tr><td>Density:</td><td></td></tr> <tr><td>Sample Concentration Amount:</td><td></td></tr> <tr><td>Requirement Met:</td><td>Yes</td></tr> <tr><td>Land Applied:</td><td>Yes</td></tr> <tr><td>Process:</td><td>ANAER</td></tr> <tr><td>Process Description:</td><td>Operated at greater than 95 F and MCRT longer than 15 days.</td></tr> </table> <p>4.2 If exceeded Class B limit or did not meet the process criteria at the time of land application.</p> <p>4.2.1 Was the limit exceeded or the process criteria not met at the time of land application?</p> <p><input type="radio"/> Yes (40 Points)</p> <p><input checked="" type="radio"/> No</p> <p>If yes, what action was taken?</p> <div style="border: 1px solid black; padding: 2px; width: fit-content;">n/a</div>	Outfall Number:	005	Biosolids Class:	B	Bacteria Type and Limit:		Sample Dates:	01/01/2015 - 12/31/2015	Density:		Sample Concentration Amount:		Requirement Met:	Yes	Land Applied:	Yes	Process:	ANAER	Process Description:	Operated at greater than 95 F and MCRT longer than 15 days.	0
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Sample Concentration Amount:																					
Requirement Met:	Yes																				
Land Applied:	Yes																				
Process:	ANAER																				
Process Description:	Operated at greater than 95 F and MCRT longer than 15 days.																				
<p>5. Vector Attraction Reduction (per outfall):</p> <p>5.1 Verify the following information. If any of the information is incorrect, Contact Us.</p>																					

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Last Updated: Reporting For:
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Outfall Number:	005			
Method Date:	12/31/2015			
Option Used To Satisfy Requirement:	INJ			
Requirement Met:	Yes			
Land Applied:	Yes			
Limit (if applicable):				
Results (if applicable):				
Outfall Number:	005	0		
Method Date:	04/21/2015			
Option Used To Satisfy Requirement:	VSR			
Requirement Met:	Yes			
Land Applied:	Yes			
Limit (if applicable):	38			
Results (if applicable):	52.90			
<p>5.2 Was the limit exceeded or the process criteria not met at the time of land application?</p> <p><input type="radio"/> Yes (40 Points)</p> <p><input checked="" type="radio"/> No</p> <p>If yes, what action was taken?</p> <div style="border: 1px solid black; height: 20px; width: 100%;"></div>				
<p>6. Biosolids Storage</p> <p>6.1 How many days of actual, current biosolids storage capacity did your wastewater treatment facility have either on-site or off-site?</p> <p><input checked="" type="radio"/> >= 180 days (0 Points)</p> <p><input type="radio"/> 150 - 179 days (10 Points)</p> <p><input type="radio"/> 120 - 149 days (20 Points)</p> <p><input type="radio"/> 90 - 119 days (30 Points)</p> <p><input type="radio"/> < 90 days (40 Points)</p> <p><input type="radio"/> N/A (0 Points)</p> <p>6.2 If you checked N/A above, explain why.</p> <div style="border: 1px solid black; padding: 5px;">n/a</div>				0
<p>7. Issues</p> <p>7.1 Describe any outstanding biosolids issues with treatment, use or overall management:</p> <div style="border: 1px solid black; padding: 5px;">No issues with treatment. Land is getting harder to find or use due to farming practices and rural housing developments.</div>				

Total Points Generated	0
Score (100 - Total Points Generated)	100
Section Grade	A

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Sparta Wastewater Treatment Facility

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Staffing and Preventative Maintenance (All Treatment Plants)

<p>1. Plant Staffing</p> <p>1.1 Was your wastewater treatment plant adequately staffed last year?</p> <ul style="list-style-type: none"><input checked="" type="radio"/> Yes<input type="radio"/> No <p>If No, please explain:</p> <div style="border: 1px solid black; padding: 2px;">n/a</div> <p>Could use more help/staff for:</p> <div style="border: 1px solid black; padding: 2px;">We use a contractor to assist in hauling sludge when needed. The plant is adequately staffed at this time.</div> <p>1.2 Did your wastewater staff have adequate time to properly operate and maintain the plant and fulfill all wastewater management tasks including recordkeeping?</p> <ul style="list-style-type: none"><input checked="" type="radio"/> Yes<input type="radio"/> No <p>If No, please explain:</p> <div style="border: 1px solid black; padding: 2px;">n/a</div>	
<p>2. Preventative Maintenance</p> <p>2.1 Did your plant have a documented AND implemented plan for preventative maintenance on major equipment items?</p> <ul style="list-style-type: none"><input checked="" type="radio"/> Yes (Continue with question 2)<input type="radio"/> No (40 points) <p>If No, please explain, then go to question 3:</p> <div style="border: 1px solid black; height: 20px;"></div> <p>2.2 Did this preventative maintenance program depict frequency of intervals, types of lubrication, and other tasks necessary for each piece of equipment?</p> <ul style="list-style-type: none"><input checked="" type="radio"/> Yes<input type="radio"/> No (10 points) <p>2.3 Were these preventative maintenance tasks, as well as major equipment repairs, recorded and filed so future maintenance problems can be assessed properly?</p> <ul style="list-style-type: none"><input checked="" type="radio"/> Yes<ul style="list-style-type: none"><input type="radio"/> Paper file system<input type="radio"/> Computer system<input checked="" type="radio"/> Both paper and computer system<input type="radio"/> No (10 points)	0
<p>3. O&M Manual</p> <p>3.1 Does your plant have a detailed O&M Manual that can be used as a reference when needed?</p> <ul style="list-style-type: none"><input checked="" type="radio"/> Yes<input type="radio"/> No	
<p>4. Overall Maintenance /Repairs</p> <p>4.1 Rate the overall maintenance of your wastewater plant.</p> <ul style="list-style-type: none"><input type="radio"/> Excellent<input checked="" type="radio"/> Very good<input type="radio"/> Good<input type="radio"/> Fair<input type="radio"/> Poor <p>Describe your rating:</p>	

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The plant has been very well maintained the past 25 years with no major breakdowns that jeopardized plant performance. We replace or upgrade equipment as needed funded by our equipment replacement funds.

Total Points Generated	0
Score (100 - Total Points Generated)	100
Section Grade	A

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Operator Certification and Education

<p>1. Operator-In-Charge</p> <p>1.1 Did you have a designated operator-in-charge during the report year?</p> <ul style="list-style-type: none"> ● Yes (0 points) ○ No (20 points) <p>Name: <input style="width: 150px;" type="text" value="MARK A FLOCK"/></p> <p>Certification No: <input style="width: 150px;" type="text" value="22836"/></p>	0																																																																																								
<p>2. Certification Requirements</p> <p>2.1 In accordance with Chapter NR 114.56 and 114.57, Wisconsin Administrative Code, what level and subclass(es) were required for the operator-in-charge (OIC) to operate the wastewater treatment plant and what level and subclass(es) were held by the operator-in-charge?</p> <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th rowspan="2">Sub Class</th> <th rowspan="2">SubClass Description</th> <th colspan="2">WWTP</th> <th colspan="2">OIC</th> </tr> <tr> <th>Advanced</th> <th>OIT</th> <th>Basic</th> <th>Advanced</th> </tr> </thead> <tbody> <tr><td>A1</td><td>Suspended Growth Processes</td><td>X</td><td></td><td></td><td>X</td></tr> <tr><td>A2</td><td>Attached Growth Processes</td><td>X</td><td></td><td></td><td>X</td></tr> <tr><td>A3</td><td>Recirculating Media Filters</td><td></td><td></td><td></td><td></td></tr> <tr><td>A4</td><td>Ponds, Lagoons and Natural</td><td></td><td></td><td></td><td></td></tr> <tr><td>A5</td><td>Anaerobic Treatment Of Liquid</td><td></td><td></td><td></td><td></td></tr> <tr><td>B</td><td>Solids Separation</td><td>X</td><td></td><td></td><td>X</td></tr> <tr><td>C</td><td>Biological Solids/Sludges</td><td>X</td><td></td><td></td><td>X</td></tr> <tr><td>P</td><td>Total Phosphorus</td><td>X</td><td></td><td></td><td>X</td></tr> <tr><td>N</td><td>Total Nitrogen</td><td></td><td></td><td></td><td></td></tr> <tr><td>D</td><td>Disinfection</td><td>X</td><td></td><td></td><td>X</td></tr> <tr><td>L</td><td>Laboratory</td><td>X</td><td></td><td></td><td>X</td></tr> <tr><td>U</td><td>Unique Treatment Systems</td><td></td><td></td><td></td><td></td></tr> <tr><td>SS</td><td>Sanitary Sewage Collection</td><td>X</td><td>NA</td><td>NA</td><td>NA</td></tr> </tbody> </table> <p>2.2 Was the operator-in-charge certified at the appropriate level and subclass(es) to operate this plant? (Note: Certification in subclass SS, N and A5 not required in 2015 - 2016; subclass SS is basic level only.)</p> <ul style="list-style-type: none"> ● Yes (0 points) ○ No (20 points) 	Sub Class	SubClass Description	WWTP		OIC		Advanced	OIT	Basic	Advanced	A1	Suspended Growth Processes	X			X	A2	Attached Growth Processes	X			X	A3	Recirculating Media Filters					A4	Ponds, Lagoons and Natural					A5	Anaerobic Treatment Of Liquid					B	Solids Separation	X			X	C	Biological Solids/Sludges	X			X	P	Total Phosphorus	X			X	N	Total Nitrogen					D	Disinfection	X			X	L	Laboratory	X			X	U	Unique Treatment Systems					SS	Sanitary Sewage Collection	X	NA	NA	NA	0
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SS	Sanitary Sewage Collection	X	NA	NA	NA																																																																																				
<p>3. Succession Planning</p> <p>3.1 In the event of the loss of your designated operator-in-charge, did you have a contingency plan to ensure the continued proper operation and maintenance of the plant that includes one or more of the following options (check all that apply)?</p> <ul style="list-style-type: none"> <input checked="" type="checkbox"/> One or more additional certified operators on staff <input type="checkbox"/> An arrangement with another certified operator <input type="checkbox"/> An arrangement with another community with a certified operator <input type="checkbox"/> An operator on staff who has an operator-in-training certificate for your plant and is expected to be certified within one year <input type="checkbox"/> A consultant to serve as your certified operator <input type="checkbox"/> None of the above (20 points) <p>If "None of the above" is selected, please explain:</p> <div style="border: 1px solid black; height: 20px; width: 100%; margin-top: 5px;"></div>	0																																																																																								
<p>4. Continuing Education Credits</p> <p>4.1 If you had a designated operator-in-charge, was the operator-in-charge earning Continuing Education Credits at the following rates?</p> <p>OIT and Basic Certification:</p>																																																																																									

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<ul style="list-style-type: none">○ Averaging 6 or more CECs per year.○ Averaging less than 6 CECs per year. Advanced Certification: <ul style="list-style-type: none">● Averaging 8 or more CECs per year.○ Averaging less than 8 CECs per year.	
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Total Points Generated	0
Score (100 - Total Points Generated)	100
Section Grade	A

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Financial Management

<p>1. Provider of Financial Information</p> <p>Name: <input style="width: 150px;" type="text" value="Gail L. Clark"/></p> <p>Telephone: <input style="width: 150px;" type="text" value="(608) 269-4340"/> (XXX) XXX-XXXX</p> <p>E-Mail Address (optional): <input style="width: 300px;" type="text" value="acctng@spartawisconsin.org"/></p>																									
<p>2. Treatment Works Operating Revenues</p> <p>2.1 Are User Charges or other revenues sufficient to cover O&M expenses for your wastewater treatment plant AND/OR collection system ?</p> <p><input checked="" type="radio"/> Yes (0 points)</p> <p><input type="radio"/> No (40 points)</p> <p>If No, please explain:</p> <div style="border: 1px solid black; padding: 2px; margin-top: 5px;">Rates were revised on 11/1/2014</div> <p>2.2 When was the User Charge System or other revenue source(s) last reviewed and/or revised?</p> <p>Year: <input style="width: 80px;" type="text" value="2014"/></p> <p><input checked="" type="radio"/> 0-2 years ago (0 points)</p> <p><input type="radio"/> 3 or more years ago (20 points)</p> <p><input type="radio"/> N/A (private facility)</p> <p>2.3 Did you have a special account (e.g., CWFP required segregated Replacement Fund, etc.) or financial resources available for repairing or replacing equipment for your wastewater treatment plant and/or collection system?</p> <p><input checked="" type="radio"/> Yes (0 points)</p> <p><input type="radio"/> No (40 points)</p>	0																								
REPLACEMENT FUNDS [PUBLIC MUNICIPAL FACILITIES SHALL COMPLETE QUESTION 3]																									
<p>3. Equipment Replacement Funds</p> <p>3.1 When was the Equipment Replacement Fund last reviewed and/or revised?</p> <p>Year: <input style="width: 80px;" type="text" value="2014"/></p> <p><input checked="" type="radio"/> 1-2 years ago (0 points)</p> <p><input type="radio"/> 3 or more years ago (20 points)</p> <p><input type="radio"/> N/A</p> <p>If N/A, please explain:</p> <div style="border: 1px solid black; padding: 2px; margin-top: 5px;">n/a</div> <p>3.2 Equipment Replacement Fund Activity</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%;">3.2.1 Ending Balance Reported on Last Year's CMAR</td> <td style="width: 5%;"></td> <td style="width: 5%; text-align: right;">\$</td> <td style="width: 30%; text-align: right;"><input style="width: 150px;" type="text" value="1,606,596.84"/></td> </tr> <tr> <td>3.2.2 Adjustments - if necessary (e.g. earned interest, audit correction, withdrawal of excess funds, increase making up previous shortfall, etc.)</td> <td style="text-align: center;">+</td> <td style="text-align: right;">\$</td> <td style="text-align: right;"><input style="width: 150px;" type="text" value="50,200.00"/></td> </tr> <tr> <td>3.2.3 Adjusted January 1st Beginning Balance</td> <td></td> <td style="text-align: right;">\$</td> <td style="text-align: right;"><input style="width: 150px;" type="text" value="1,656,796.84"/></td> </tr> <tr> <td>3.2.4 Additions to Fund (e.g. portion of User Fee, earned interest, etc.)</td> <td style="text-align: center;">+</td> <td style="text-align: right;">\$</td> <td style="text-align: right;"><input style="width: 150px;" type="text" value="62,529.69"/></td> </tr> <tr> <td>3.2.5 Subtractions from Fund (e.g., equipment replacement, major repairs - use description box 3.2.6.1 below*)</td> <td style="text-align: center;">-</td> <td style="text-align: right;">\$</td> <td style="text-align: right;"><input style="width: 150px;" type="text" value="51,836.00"/></td> </tr> <tr> <td>3.2.6 Ending Balance as of December 31st for CMAR Reporting Year</td> <td></td> <td style="text-align: right;">\$</td> <td style="text-align: right;"><input style="width: 150px;" type="text" value="1,667,490.53"/></td> </tr> </table>	3.2.1 Ending Balance Reported on Last Year's CMAR		\$	<input style="width: 150px;" type="text" value="1,606,596.84"/>	3.2.2 Adjustments - if necessary (e.g. earned interest, audit correction, withdrawal of excess funds, increase making up previous shortfall, etc.)	+	\$	<input style="width: 150px;" type="text" value="50,200.00"/>	3.2.3 Adjusted January 1st Beginning Balance		\$	<input style="width: 150px;" type="text" value="1,656,796.84"/>	3.2.4 Additions to Fund (e.g. portion of User Fee, earned interest, etc.)	+	\$	<input style="width: 150px;" type="text" value="62,529.69"/>	3.2.5 Subtractions from Fund (e.g., equipment replacement, major repairs - use description box 3.2.6.1 below*)	-	\$	<input style="width: 150px;" type="text" value="51,836.00"/>	3.2.6 Ending Balance as of December 31st for CMAR Reporting Year		\$	<input style="width: 150px;" type="text" value="1,667,490.53"/>	
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All Sources: This ending balance should include all Equipment Replacement Funds whether held in a bank account(s), certificate(s) of deposit, etc.

3.2.6.1 Indicate adjustments, equipment purchases, and/or major repairs from 3.2.5 above.

SCADA System replacement, Sludge pump replacement, TF arm sections, blower repairs.

3.3 What amount should be in your Replacement Fund? \$

Please note: If you had a CWFP loan, this amount was originally based on the Financial Assistance Agreement (FAA) and should be regularly updated as needed. Further calculation instructions and an example can be found by clicking the HELP link under Info in the left-side menu.

3.3.1 Is the December 31 Ending Balance in your Replacement Fund above, (#3.2.6) equal to, or greater than the amount that should be in it (#3.3)?

- Yes
- No

If No, please explain.

We have no requirement because we do not have a loan at present time.

4. Future Planning

4.1 During the next ten years, will you be involved in formal planning for upgrading, rehabilitating, or new construction of your treatment facility or collection system?

- Yes - If Yes, please provide major project information, if not already listed below.
- No

Project #	Project Description	Estimated Cost	Approximate Construction Year
1	The city of Sparta continues to replace clay tile sewer mains and manholes each year.	120000	2017
2	Additional Phosphorus removal equipment.	1500000	2018
3	Repair air leaks going to aeration basins	150,000	2017

5. Financial Management General Comments

n/a

Total Points Generated	0
Score (100 - Total Points Generated)	100
Section Grade	A

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Sanitary Sewer Collection Systems

1. CMOM Program

1.1 Do you have a Capacity, Management, Operation & Maintenance (CMOM) requirement in your WPDES permit?

Yes

No

1.2 Did you have a documented (written records/files, computer files, video tapes, etc.) sanitary sewer collection system operation & maintenance (O&M) or CMOM program last calendar year?

Yes (Continue with question 1)

No (30 points) (Go to question 2)

1.3 Check the elements listed below that are included in your O&M or CMOM program.

Goals

Describe the specific goals you have for your collection system:

We try to clean at least 25% of the collection system each year. We maintain a list of sewers that need more frequent attention to prevent blockages. Televising trouble areas to identify problems. We maintain and update a 5+ year list of sewers to be replaced. Currently updating our CMOM.

Organization

Do you have the following written organizational elements (check only those that apply)?

Ownership and governing body description

Organizational chart

Personnel and position descriptions

Internal communication procedures

Public information and education program

Legal Authority

Do you have the legal authority for the following (check only those that apply)?

Sewer use ordinance Last Revised Date (MM/DD/YYYY) 11/01/2014

Pretreatment/industrial control Programs

Fat, oil and grease control

Illicit discharges (commercial, industrial)

Private property clear water (sump pumps, roof or foundation drains, etc.)

Private lateral inspections/repairs

Service and management agreements

Maintenance Activities (provide details in question 2)

Design and Performance Provisions

How do you ensure that your sewer system is designed and constructed properly?

State plumbing code

DNR NR 110 standards

Local municipal code requirements

Construction, inspection, and testing

Others:

Use outside engineering for design and on-site inspections of new construction.

Overflow Emergency Response Plan:

Does your emergency response capability include (check only those that apply)?

Alarm system and routine testing

Emergency equipment

Emergency procedures

Communications/notifications (DNR, internal, public, media, etc.)

Capacity Assurance:

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How well do you know your sewer system? Do you have the following?

- Current and up-to-date sewer map
- Sewer system plans and specifications
- Manhole location map
- Lift station pump and wet well capacity information
- Lift station O&M manuals

Within your sewer system have you identified the following?

- Areas with flat sewers
- Areas with surcharging
- Areas with bottlenecks or constrictions
- Areas with chronic basement backups or SSOs
- Areas with excess debris, solids, or grease accumulation
- Areas with heavy root growth
- Areas with excessive infiltration/inflow (I/I)
- Sewers with severe defects that affect flow capacity
- Adequacy of capacity for new connections
- Lift station capacity and/or pumping problems
- Annual Self-Auditing of your O&M/CMOM Program to ensure above components are being implemented, evaluated, and re-prioritized as needed
- Special Studies Last Year (check only those that apply):
 - Infiltration/Inflow (I/I) Analysis
 - Sewer System Evaluation Survey (SSES)
 - Sewer Evaluation and Capacity Management Plan (SECAP)
 - Lift Station Evaluation Report
 - Others:

0

Updated our 5 year plan for sewer replacement.

2. Operation and Maintenance

2.1 Did your sanitary sewer collection system maintenance program include the following maintenance activities? Complete all that apply and indicate the amount maintained.

Cleaning	18	% of system/year
Root removal	.003	% of system/year
Flow monitoring	0	% of system/year
Smoke testing	0	% of system/year
Sewer line televising	.008	% of system/year
Manhole inspections	10	% of system/year
Lift station O&M	10	# per L.S./year
Manhole rehabilitation	.017	% of manholes rehabbed
Mainline rehabilitation	.0171	% of sewer lines rehabbed
Private sewer inspections	.0050	% of system/year
Private sewer I/I removal	0	% of private services

Please include additional comments about your sanitary sewer collection system below:

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Each year the City of Sparta replaces around \$120,000.00 worth of mainline sewers, manholes along with private laterals within the right of way. During 2015 we replaced 4,333 feet of mainline and 17 manholes and rehab 3 manholes.

3. Performance Indicators

3.1 Provide the following collection system and flow information for the past year.

37.37	Total actual amount of precipitation last year in inches
33.0	Annual average precipitation (for your location)
48	Miles of sanitary sewer
10	Number of lift stations
0	Number of lift station failures
0	Number of sewer pipe failures
0	Number of basement backup occurrences
20	Number of complaints
1.233	Average daily flow in MGD (if available)
46.443	Peak monthly flow in MGD (if available)
0	Peak hourly flow in MGD (if available)

3.2 Performance ratios for the past year:

0.00	Lift station failures (failures/year)
0.00	Sewer pipe failures (pipe failures/sewer mile/yr)
0.00	Sanitary sewer overflows (number/sewer mile/yr)
0.00	Basement backups (number/sewer mile)
0.42	Complaints (number/sewer mile)
37.7	Peaking factor ratio (Peak Monthly: Annual Daily Avg)
0.0	Peaking factor ratio (Peak Hourly: Annual Daily Avg)

4. Overflows

LIST OF SANITARY SEWER (SSO) AND TREATMENT FACILITY (TFO) OFERFLOWS REPORTED **

Date	Location	Cause	Estimated Volume (MG)
None reported			

** If there were any SSOs or TFOs that are not listed above, please contact the DNR and stop work on this section until corrected.

5. Infiltration / Inflow (I/I)

5.1 Was infiltration/inflow (I/I) significant in your community last year?

- Yes
 No

If Yes, please describe:

n/a

5.2 Has infiltration/inflow and resultant high flows affected performance or created problems in your collection system, lift stations, or treatment plant at any time in the past year?

- Yes
 No

If Yes, please describe:

n/a

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5.3 Explain any infiltration/inflow (I/I) changes this year from previous years:

I/I continues to decrease each year we replace more clay tile mainlines, manholes and castings.

5.4 What is being done to address infiltration/inflow in your collection system?

Continue to replace old sewers mains, including manholes along with castings and laterals in the right of way each year. We also disconnect any illegal connections we may find during construction. All mainlines replaced are generally clay tile.

Total Points Generated	0
Score (100 - Total Points Generated)	100
Section Grade	A

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Grading Summary

WPDES No: 0020737

SECTIONS	LETTER GRADE	GRADE POINTS	WEIGHTING FACTORS	SECTION POINTS
Influent	A	4	3	12
BOD/CBOD	A	4	10	40
TSS	A	4	5	20
Ammonia	A	4	5	20
Phosphorus	A	4	3	12
Biosolids	A	4	5	20
Staffing/PM	A	4	1	4
OpCert	A	4	1	4
Financial	A	4	1	4
Collection	A	4	3	12
TOTALS			37	148
GRADE POINT AVERAGE (GPA) = 4.00				

Notes:

- A = Voluntary Range (Response Optional)
- B = Voluntary Range (Response Optional)
- C = Recommendation Range (Response Required)
- D = Action Range (Response Required)
- F = Action Range (Response Required)

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Resolution or Owner's Statement

Name of Governing
Body or Owner:

Date of Resolution or
Action Taken:

Resolution Number:

Date of Submittal:

ACTIONS SET FORTH BY THE GOVERNING BODY OR OWNER RELATING TO SPECIFIC CMAR
SECTIONS (Optional for grade A or B. Required for grade C, D, or F):

Influent Flow and Loadings: Grade = A

Effluent Quality: BOD: Grade = A

Effluent Quality: TSS: Grade = A

Effluent Quality: Ammonia: Grade = A

Effluent Quality: Phosphorus: Grade = A

Biosolids Quality and Management: Grade = A

Staffing: Grade = A

Operator Certification: Grade = A

Financial Management: Grade = A

Collection Systems: Grade = A

(Regardless of grade, response required for Collection Systems if SSOs were reported)

ACTIONS SET FORTH BY THE GOVERNING BODY OR OWNER RELATING TO THE OVERALL
GRADE POINT AVERAGE AND ANY GENERAL COMMENTS

(Optional for G.P.A. greater than or equal to 3.00, required for G.P.A. less than 3.00)

G.P.A. = 4.00