COMPLIANCE MAINTENANCE ANNUAL REPORT

Facility Name: Johnson Creek Wastewater Treatment Facility | **Last Updated: 6/19/2014** | **Reporting Year: 2013**

Influent Flow and Loading

Questions

1. Monthly average flows and (C)BOD loadings.

InFluent No.701	Influent Monthly Average Flow, MGD	X	Influent Monthly Average (C)BOD Concentration mg.l	X	8.34	=	Influent Monthly Average(C)BOD Loading, pounds/day
January	0.2564	X	258	X	8.34	=	551
February	0.2601	X	262	X	8.34	=	568
March	0.3290	X	228	X	8.34	=	626
April	0.4838	X	161	X	8.34	=	649
May	0.3650	X	210	X	8.34	=	639
June	0.3498	X	224	X	8.34	=	654
July	0.2760	X	228	X	8.34	=	524
August	0.2270	X	293	X	8.34	=	555
September	0.2085	X	397	X	8.34	=	690
October	0.2111	X	430	X	8.34	=	757
November	0.2153	X	367	X	8.34	=	659
December	0.2015	X	332	X	8.34	=	558

2. Maximum month design flow and design (C)BOD loading.

	Design	X	%	=	% of Design
Max Month Design Flow, MGD	.7	x	90	=	0.63
		x	100	=	.7
Design (C)BOD, lbs./day	970	x	90	=	873
		x	100	=	970

COMPLIANCE MAINTENANCE ANNUAL REPORT

Facility Name: Johnson Creek Wastewater Treatment Facility | **Last Updated: 6/19/2014** | **Reporting Year: 2013**

Influent Flow and Loading (Continued)

3. Number of times the flow and (C)BOD exceeded 90% or 100% of design, points earned, and score:

	Months of Influent Flow	Number of times flow was greater than 90% of design	Number of times flow was greater than 100% of design	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 exceedance		2	1	3	2
Exceedances		0	0	0	0
Points		0	0	0	0
Total Number of Points					0

4. Was the influent flow meter calibrated in the last year?

- ● Yes Enter last calibration date, MM/DD/YYYY 10/28/2013
- ○ No -explain

5. Sewer Use Ordinance

5.1 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 describe:

Influent Flow and Loading (Continued)

5.2 Was it necessary to enforce?

- ○ Yes
- ● No

If Yes, please describe:

6. Septage Receiving

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

Septic Tanks	Holding Tanks	Grease Traps
○ Yes ● No	● Yes ○ No	○ Yes ● No

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

Septic Tanks	Holding Tanks	Grease Traps
○ Yes ● No	● Yes ○ No	○ Yes ● No
gal	358000 gal	gal

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

yes; plant performance is of lesser quality

7. Pretreatment

7.1 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 situationand your community's response:

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

- ○ Yes
- ● No

If yes, describe the types of wastes received and any procedures or other restrictions that were in place to protect the plant from the discharge of hauled industrial wastes.

Influent Flow and Loading (Continued)

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

COMPLIANCE MAINTENANCE ANNUAL REPORT

Facility Name: Johnson Creek Wastewater Treatment Facility | **Last Updated: 6/19/2014** | **Reporting Year: 2013**

Effluent Quality and Plant Performance ((C)BOD)

Questions

1. Monthly average effluent values, exceedances, and points for (C)BOD:

Outfall No.001	Monthly Average C(BOD) Limit (mg/L)	90% of Permit Limit >10 (mg/L)*	Effluent Monthly Average C(BOD) (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	13	1	0	0
March	30	27	9	1	0	0
April	30	27	10	1	0	0
May	30	27	9	1	0	0
June	30	27	12	1	0	0
July	30	27	12	1	0	0
August	30	27	17	1	0	0
September	30	27	13	1	0	0
October	30	27	13	1	0	0
November	30	27	19	1	0	0
December	30	27	10	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 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

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

3. Was the effluent flow meter calibrated in the last year?

○ Yes - enter last calibration date, MM/DD/YYYY:

COMPLIANCE MAINTENANCE ANNUAL REPORT

Facility Name: Johnson Creek Wastewater Treatment Facility | **Last Updated: 6/19/2014** | **Reporting Year: 2013**

Effluent Quality and Plant Performance ((C)BOD) (Continued)

● No - explain:

the eff flow meter has failed and has not been repaired as it is no longer manufactured. A new ultrasonic flow measuring device well be installed with the next plant upgrade.

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

5. Other Monitoring and Limits

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

○ Yes
● No

If Yes, please describe:

5.2 At any time in the past year was there an effluent acute or chronic whole effluent toxicity (WET) test?

● Yes
○ No

If Yes, please describe:

Acute 12/04/2013

5.3 If the biomonitoring (WET) test did not pass, were steps taken to identify and/or reduce source(s) of toxicity?

○ Yes
○ No
● NA

Please explain unless not applicable:

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

COMPLIANCE MAINTENANCE ANNUAL REPORT

Facility Name: Johnson Creek Wastewater Treatment Facility	Last Updated: 6/19/2014	Reporting Year: 2013

Effluent Quality and Plant Performance (Total Suspended Solids)

Questions

1. Monthly average effluent values, exceedances, and points for TSS:

Outfall No.001	Monthly Average TSS Limit (mg/L)	90% of Permit Limit >10 (mg/L)*	Effluent Monthly Average TSS (mg/L)	Months of Discharge with a Limit	Permit Limit Exceedance	90% Permit Limit Exceedance
January	30	27	16	1	0	0
February	30	27	10	1	0	0
March	30	27	6	1	0	0
April	30	27	9	1	0	0
May	30	27	6	1	0	0
June	30	27	7	1	0	0
July	30	27	10	1	0	0
August	30	27	25	1	0	0
September	30	27	20	1	0	0
October	30	27	14	1	0	0
November	30	27	20	1	0	0
December	30	27	8	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 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

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

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

COMPLIANCE MAINTENANCE ANNUAL REPORT

Facility Name: Johnson Creek Wastewater Treatment Facility	Last Updated: 6/19/2014	Reporting Year: 2013

Effluent Quality and Plant Performance (Phosphorus)

Questions

1. 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	0.6	1	0
February	1	0.6	1	0
March	1	0.4	1	0
April	1	0.4	1	0
May	1	0.4	1	0
June	1	0.5	1	0
July	1	0.8	1	0
August	1	1.0	1	1
September	1	0.7	1	0
October	1	0.4	1	0
November	1	0.6	1	0
December	1	0.4	1	0
Months of Discharge/yr			12	
Points per each exceedance with 12 months of discharge:				10
Exceedances				1
Total Number of Points				10

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

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

High strength being taken in. Hottest month of the summer.

Total Points Generated	10
Score (100 - Total Points Generated)	90
Section Grade	B

COMPLIANCE MAINTENANCE ANNUAL REPORT

Facility Name: Johnson Creek Wastewater Treatment Facility | **Last Updated: 6/19/2014** | **Reporting Year: 2013**

Biosolids Quality and Management

	Questions	Points
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 do not remove biosolids from your system annually, please describe your system type such as lagoons, reed beds, recirculating sand filters, etc, and if biosolids were land applied last year, please also check top box above. **1.1.1** If you checked Other, Please describe:	
2.	Land Application Site:	

Last Year's Approved and Active Land Application Sites	
2.1.1 How many acres did you have?	2.1.2 How many acres did you use?
264.40 acres	27.5 acres

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

	2.3 Did you overapply nitrogen on any of your approved land application sites you used last year? ○ Yes(30 points) ● No	0
	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	0
3.	Biosolids Metals	
	Number of biosolids outfalls in your WPDES permit = **1**	
	3.1 For each outfall tested, verify the biosolids metal quality values for your facility during the last calendar year	

BIOSOLIDS METALS CHARACTERISTICS

COMPLIANCE MAINTENANCE ANNUAL REPORT

Facility Name: Johnson Creek Wastewater Treatment Facility | **Last Updated: 6/19/2014** | **Reporting Year: 2013**

Biosolids Quality and Management (Continued)

Outfall:005 - CLASS B SLUDGE

Parameter	80% of Limit	H.Q. Limit	Ceiling Limit	mg/kg on a dry weight basis												Times Exceeded		
				Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	80% Value	High Quality	Ceiling
arsenic		41	75														0	0
cadmium		39	85														0	0
copper		1500	4300														0	0
lead		300	840														0	0
mercury		17	57														0	0
molybdenum	60		75													0		0
nickel	336		420													0		0
selenium	80		100													0		0
zinc		2800	7500														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	0

Exceedance Points		
●	0	0 Points
○	1-2	10 Points
○	> 2	15 Points

	3.1.2 If you exceeded the high quality limits, did you cumulatively track the metals loadings at each land application site? (check applicable box) ○ Yes ○ No (10 points) ● NA. Did not exceed limits or no HQ limit applies (0 points) ○ NA. Did not land apply biosolids until limit was met(0 points)	0
	3.1.3 Number of times any of the metals exceeded the ceiling limits = 0	0

Exceedance Points		
●	0	0 Points
○	1	10 Points
○	> 1	15 Points

	3.1.4 Were biosolids land applied which exceeded the ceiling limit? ○ Yes(20 points) ● No (0 points)	0
	3.1.5 If any metal limit (high quality or ceiling) was exceeded at any time, what action was taken?	

Biosolids Quality and Management (Continued)

Has the source of the metals been identifed?

4. Pathogen Control(per outfall):

Outfall Number:	006
Biosolids Class:	A
Bacteria Type and Limit	F
Sample Dates:	01/01/2013 12:00:00 AM - 12/31/2013 12:00:00 AM
Density:	265
Sample Concentratinor Amount:	MPN/G TS
Process:	POST
Process Description:	Aerobically digested sludge is transferred to a reaction tank where lime slurry is added and the batch is formed. The batch is mixed for a minimum of 24 hours and pH testing is conducted during the first two hours of mixing and after 24 hours of mixing - prior to dewatering in the plate and frame press. Post testing for Enteric Virus/Viable Helminth Ova, and fecal coliform are conducted from a composite sample of the dewatered cake bio-solids in the outdoor covered storage area at random locations and depths. The testing is conducted prior to land application after several months of storage so the pile has time to go through the putrefaction process.

4.1 If exceeded Class B limit or did not meet the process criteria at the time of land application(40 Points)

4.1.1 Was the limit exceeded or the process criteria not met at any time?

- ○ Yes
- ● No

If yes, what action was taken?

Biosolids Quality and Management (Continued)

5. Vector Attraction Reduction(per outfall):0

Outfall Number:	006
Method Date:	12/31/2013 12:00:00 AM
Option Used To Satisfy Requirement:	PHADJ
Limit (if applicable):	
Results (if applicable):	

5.1 If the limit or criteria was exceeded at the time of land application, 40 point 0

5.1.1 Was the limit exceeded or the process criteria not met at any time?

- ○ Yes
- ● No

If yes, what action was taken?

6. Biosolids Storage:0

6.1 How many days of actual,current biosolids storage capacity did your wastewater treatment facility have either on-site or off-site? 0

- ● >+ 180 days (0 points)
- ○ 150 - 179 days (10 points)
- ○ 120 - 149 days (20 points)
- ○ 90 - 119 days (30 points)
- ○ < 90 days (40 points)
- ○ Not Applicable (0 points)

6.2 If you check Not Applicable above, explain why.

7. Issues:

7.1 Describe any outstanding biosolids issues with treatment, use or overall mgt?

Biosolids Quality and Management (Continued)

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

Staffing and Preventative Maintenance (All Treatment Plants)

	Questions	Points
1.	Was your wastewater treatment plant adequately staffed last year?	
	● Yes ○ No If No, please describe: Could use more help/staff for:	
2.	Did your wastewater staff have adequate time to properly operate and maintain the plant and fulfill all wastewater management tasks including recordkeeping?	
	● Yes ○ No. Explain	
3.	Did your plant have a documented AND implemented plan for preventative maintenance on major equipment items?	0
	● Yes (Continue with questions below) ○ No (40 points and go to question 6) If No, explain:	
4.	Did this preventative maintenance program depict frequency of intervals, types of lubrication, and other tasks necessary for each piece of equipment?	0
	● Yes ○ No (10 points)	
5.	Were these preventative maintenance tasks, as well as major equipment repairs, recorded and filed so future maintenance problems can be assessed properly?	0
	● Yes ○ (Paper file system) ○ (Computer program) ● (Both Paper and Computer) ○ No (10 points)	
6.	Did your plant have a detailed O&M Manual that was used as a reference when needed?	

COMPLIANCE MAINTENANCE ANNUAL REPORT

Facility Name: Johnson Creek Wastewater Treatment Facility	Last Updated: 6/19/2014	Reporting Year: 2013

Staffing and Preventative Maintenance (All Treatment Plants) (Continued)

	● Yes ○ No	
7.	Rate the overall maintenance of your wastewater plant.	
	○ Excellent ● Very Good ○ Good ○ Fair ○ Poor	
	Describe your rating: Equipment breaks down because things are old - worn and past their life expectancy.	

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

COMPLIANCE MAINTENANCE ANNUAL REPORT

Facility Name: Johnson Creek Wastewater Treatment Facility	Last Updated: 6/19/2014	Reporting Year: 2013

Operator Certification and Education

	Questions	Points
1.	Did you have a designated operator-in-charge during the report year?	0
	● Yes (0 point) ○ No (20 points) Name: PETER HARTZ Certification No: 32167	
2.	In accordance with Chapter NR 114.08 and 114.09, Wisconsin Administrative Code, what grade and subclass(es) were required for the operator-in-charge to operate the wastewater treatment plant and what grade and subclass(es) were held by the operator-in-charge?	
	Required: 3 - ABEGIJ; A - PRIMARY SETTLING; B - TRICKLING FILTER/RBC; E - DISINFECTION; G - MECHANICAL SLUDGE; I - PHOSPHORUS REMOVAL; J - LABORATORY Held: 4 - ABCFGI; 2 - DEJ; T - H; 4 - A=PRIMARY SETTLING GRADE 4; B=TRICKLING FILTER/RBC GRADE 4; C=ACTIVATED SLUDGE GRADE 4; F=ANAEROBIC DIGESTION GRADE 4; G=MECHANICAL SLUDGE GRADE 4; I=PHOSPHORUS REMOVAL GRADE 4; 2 - D=PONDS/AEREATED LAGOONS GRADE 2; E=DISINFECTION GRADE 2; J=LABORATORY GRADE 2; T - H=FILTRATION GRADE T	
3.	Was the operator-in-charge certified at the appropriate level to operate this plant?	0
	● Yes (0 point) ○ No (20 points)	
4.	In the event of the loss of your designated operator-in-charge, did you have a contingency plan to ensure the continued proper operation & maintenance of the plant that includes one or more of the following options (check all that apply):	0
	4.1 ☒ one or more additional certified operators on staff 4.2 ☐ an arrangement with another certified operator 4.3 ☐ an arrangement with another community with a certified operator 4.4 ☐ an operator on staff who has an operator-in-training certificate for your plant and is expected be certified within one year 4.5	

COMPLIANCE MAINTENANCE ANNUAL REPORT

Facility Name: Johnson Creek Wastewater Treatment Facility	Last Updated: 6/19/2014	Reporting Year: 2013

Operator Certification and Education (Continued)

	☐ a consultant to serve as your certified operator 4.6 ☐ None of the above (20 points) Explain:	
5.	If you had a designated operator-in-charge, was the operator-in-charge earning continuing education credits at the following rates?	
	Grades T, 1, and 2: ○ Averaging 6 or more CEUs per year ○ Averaging less than 6 CEUs per year Grades 3 and 4: ● Averaging 8 or more CEUs per year ○ Averaging less than 8 CEUs per year Not applicable: ○ See Question 1.	

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

COMPLIANCE MAINTENANCE ANNUAL REPORT

Facility Name: Johnson Creek Wastewater Treatment Facility	Last Updated: 6/19/2014	Reporting Year: 2013

Financial Management

	Questions	Points
1.	Person Providing This Financial Information	
	Name: Joan Dykstra Telephone: (920) 699-2296 E-Mail Address(optional):	
2.	Are User Charge or other Revenues sufficient to cover O&M Expenses for your wastewater treatment plant AND/OR collection system ?	0
	● Yes (0 points) ○ No (40 points) If No, please explain:	
3.	When was the User Charge System or other revenue source(s) last reviewed and/or revised? Year: 2012	0
	● 0-2 years ago (0 points) ○ 3 or more years ago (20 points) ○ Not Applicable (Private Facility)	
4.	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?	0
	● Yes ○ No (40 points)	
	REPLACEMENT FUNDS(PUBLIC MUNICIPAL FACILITIES SHALL COMPLETE QUESTION 5)	
5.	Equipment Replacement Funds	
	5.1 When was the Equipment Replacement Fund last reviewed and/or revised? Year: 2012	0
	● 1-2 years ago (0 points) ○ 3 or more years ago (20 points) ○ Not Applicable Explain:	
	5.2 What amount is in your Replacement Fund? **Equipment Replacement Fund Activity**	
	5.2.1 Ending Balance Reported on Last Year's CMAR: $643465.27	

Financial Management (Continued)

5.2.2	*Adjustments* if necessary (e.g., earned interest, audit correction, withdrawal of excess funds, increase making up previous shortfall, etc.)	+	$98.89
5.2.3	**Adjusted January 1st Beginning Balance**		$643,564.16
5.2.4	*Additions* to Fund (e.g., portion of User Fee, earned interest, etc.)	+	$2,324.29
5.2.5	*Subtractions* from Fund (e.g., equipment replacement, major repairs - use description box 5.2.5.1 below*.)	-	$21,310.20
5.2.6	**Ending Balance as of December 31st for CMAR Reporting Year**		$624,578.25

(All Sources: This ending balance should include all Equipment Replacement Funds whether held in a bank account(s), certificate(s) of deposit, etc.)

*5.2.5.1. Indicate adjustments, equipment purchases and/or major repairs from 5.2.5 above

Superintendent from 2013 is no longer employed by the village. I do not know exactly the repairs that were done in 2013 Annetta Grillo operator in charge. Extenuating circumstance.

5.3 What amount should be in your replacement fund? $0.01

(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 option button.)

5.3.1 Is the Dec. 31 Ending Balance in your Replacement Fund above (#5.2.6) equal to or greater than the amount that should be in it(#5.3)?

- ● Yes
- ○ No Explain:

yes; but we are no longer required to have a equipment replancement fund.

6 Future Planning

6.1 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 Description	Estimated Cost	Approximate Construction Year
WWTP phase II upgrade to include additional primary clarifier, biological treatment method upgrade, additional secondary clarifier, aerobic digester modifications, new screening equipment, tertiary treatment and/or land/river restoration , high strength waste receiving station, and other items not yet identified.	$2250000	2015

Financial Management (Continued)

WWTP phase II upgrade to include additional primary clarifier, biological treatment method upgrade, additional secondary clarifier, aerobic digester modifications, new screening equipment, tertiary treatment and/or land/river restoration , high strength waste receiving station, and other items not yet identified.	$2250000	2015
WWTP phase II upgrade to include additional primary clarifier, biological treatment method upgrade, additional secondary clarifier, aerobic digester modifications, new screening equipment, tertiary treatment and/or land/river restoration , high strength waste receiving station, and other items not yet identified.	$2250000	2015
WWTP phase II upgrade to include additional primary clarifier, biological treatment method upgrade, additional secondary clarifier, aerobic digester modifications, new screening equipment, tertiary treatment and/or land/river restoration , high strength waste receiving station, and other items not yet identified.	$2250000	2015
WWTP phase II upgrade to include additional primary clarifier, biological treatment method upgrade, additional secondary clarifier, aerobic digester modifications, new screening equipment, tertiary treatment and/or land/river restoration , high strength waste receiving station, and other items not yet identified.	$2250000	2015
WWTP phase II upgrade to include additional primary clarifier, biological treatment method upgrade, additional secondary clarifier, aerobic digester modifications, new screening equipment, tertiary treatment and/or land/river restoration , high strength waste receiving station, and other items not yet identified.	$2250000	2015
WWTP phase II upgrade to include additional primary clarifier, biological treatment method upgrade, additional secondary clarifier, aerobic digester modifications, new screening equipment, tertiary treatment and/or land/river restoration , high strength waste receiving station, and other items not yet identified.	$2250000	2015
WWTP phase II	$2,250,000.00	2016

7. Financial Management General Comments:

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

COMPLIANCE MAINTENANCE ANNUAL REPORT

Facility Name: Johnson Creek Wastewater Treatment Facility | **Last Updated: 6/19/2014** | **Reporting Year: 2013**

Sanitary Sewer Collection Systems

	Questions	Points
1.	Do you have a Capacity, Management, Operation & Maintenance(CMOM) requirement in your WPDES permit?	
	○ Yes ● No	
2.	Did you have a documented (written records/files, computer files, video tapes, etc.) sanitary sewer collection system operation & maintenance or CMOM program last calendar year?	0
	● Yes (go to question 3) ○ No (30 points) (go to question 4)	
3.	Check the elements listed below that are included in your Operation and Maintenance (O&M) or CMOM program.:	

☒ **Goals:** Describe the specific goals you have for your collection system:

Continual monitoring cleaning televising. properly address issues short and long term.

☒ **Organization:** Do you have the following written organizational elements (check only those that you have):

- ☒ 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 MM/DD/YYYY 04/25/2004
- ☒ 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: details in Question 4**

☒ **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:

Appointed engineer at Administrator's request

COMPLIANCE MAINTENANCE ANNUAL REPORT

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Sanitary Sewer Collection Systems (Continued)

☒ **Overflow Emergency Response Plan:** Does your emergency response capability include (check only those that you have):

- ☒ Alarm system and routine testing
- ☒ Emergency equipment
- ☒ Emergency procedures
- ☒ Communications/Notifications (DNR, Internal, Public, Media etc)

☒ **Capacity Assurance:** 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 SSO's
- ☒ 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 if applicable):**

- ☐ Infiltration/Inflow (I/I) Analysis
- ☐ Sewer System Evaluation Survey (SSES)
- ☐ Sewer Evaluation and Capacity Managment Plan (SECAP)
- ☐ Lift Station Evaluation Report
- ☒ Others:

We should budget monies to do the above items with our appointed engineer.

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

Cleaning	20.6	% of system/year
Root Removal	0	% of system/year
Flow Monitoring	100	% of system/year
Smoke Testing	0	% of system/year
Sewer Line Televising	25	% of system/year

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Sanitary Sewer Collection Systems (Continued)

Manhole Inspections	22.8	% of system/year
Lift Station O&M	10	# per L.S/year
Manhole Rehabilitation	0	% of manholes rehabed
Mainline Rehabilitation	0	% of sewer lines rehabed
Private Sewer Inspections	0	% of system/year
Private Sewer I/I Removal	0	% of private services

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

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

40.3	Total Actual Amount of Precipitation Last Year
34.4	Annual Average Precipitation (for your location)
19.5	Miles of Sanitary Sewer
10	Number of Lift Stations
0	Number of Lift Station Failure
0	Number of Sewer Pipe Failures
0	Number of Basement Backup Occurrences
0	Number of Complaints
0.281	Average Daily Flow in MGD
	Peak Monthly Flow in MGD(if available)
	Peak Hourly Flow in MGD(if available)

COMPLIANCE MAINTENANCE ANNUAL REPORT

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Sanitary Sewer Collection Systems (Continued)

LIST OF SANITARY SEWER OVERFLOWS (SSO) REPORTED

	Date	Location	Cause	Estimated Volume (MG)
NONE REPORTED				

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

What actions were taken, or are underway, to reduce or eliminate SSO occurences in the future?

PERFORMANCE INDICATORS

0.00	Lift Station Failures(failures/ps/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)
0.00	Complaints (number/sewer mile)
0.0	Peaking Factor Ratio (Peak Monthly:Annual Daily Average)
0.0	Peaking Factor Ratio(Peak Hourly:Annual daily Average)

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

● Yes
○ No

If Yes, please describe:

bottlenecks aged pipes need replacement

7. 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:

none out of the normal rain events

8. Explain any infiltration/inflow(I/I) changes this year from previous years?

none out of the normal

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

nothing at the present. although we are exploring ideas about relocating and up sizing the main gravity sewer line.

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Sanitary Sewer Collection Systems (Continued)

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

COMPLIANCE MAINTENANCE ANNUAL REPORT

Facility Name: Johnson Creek Wastewater Treatment Facility	Last Updated:	Reporting Year: 2013

WPDES No.0022161

GRADING SUMMARY				
SECTION	LETTER GRADE	GRADE POINTS	WEIGHTING FACTORS	SECTION POINTS
Influent Loadings	A	4.0	3	12
Effluent Quality:BOD	A	4.0	10	40
Effluent Quality:TSS	A	4.0	5	20
Effluent Quality:P	B	3.0	3	9
Biosolids Mgt.	A	4.0	5	20
Prev.Maintenance.Staffing	A	4.0	1	4
Operator Certification	A	4.0	1	4
Financial Management	A	4.0	1	4
Collection Systems	A	4.0	3	12
TOTALS			32	125
GRADE POINT AVERAGE(GPA)=3.91		3.91		

Notes:

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

COMPLIANCE MAINTENANCE ANNUAL REPORT

Facility Name: Johnson Creek Wastewater Treatment Facility **Last Updated:** **Reporting Year: 2013**

Resolution or Owner's Statement

NAME OF GOVERNING BODY OR OWNER	DATE OF RESOLUTION OR ACTION TAKEN
Village of Johnson Creek	06/23/2014
RESOLUTION NUMBER	
59-14	
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. Regardless of grade, required for Collection Systems if SSO's were reported):	
Influent Flow and Loadings: Grade=A	
Effluent Quality: BOD: Grade=A	
Effluent Quality: TSS: Grade=A	
Effluent Quality: Phosphorus: Grade=B	
Biosolids Quality and Management: Grade=A	
Staffing: Grade=A	
Operator Certification: Grade=A	
Financial Management: Grade=A	
Collection Systems: Grade=A	
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. = 3.91**	