FACILITY NAME/ADDRESS:
Credit River Township - Stonebridge
8925 Canter Ln
Prior Lake, MN 55372

STATION INFORMATION:
WS 001 (Influent Waste Stream)
Waste Stream

No Discharge ('Yes' or 'No'): No

WASTEWATER TREATMENT
DISCHARGE MONITORING REPORT

PERMIT #	LIMIT STATUS	FORMER #
MN0067261		

MONITORING PERIOD			
	YEAR|MO|DAY		YEAR|MO|DAY
FROM:	2016-02-01	TO:	2016-02-29

PERMITEE NAME/ADDRESS:
Credit River Township
18985 Meadow View Blvd
Prior Lake, MN 55372

PARAMETER		QUANTITY		UNITS	CONCENTRATION			UNITS	FREQUENCY OF ANALYSIS	SAMPLE TYPE	Exception
BOD, Carbonaceous 05 Day (20 Deg C) 80082	SAMPLE VALUE	*****	*****		*****	198	*****	mg/L	twice per month	Grab	
	PERMIT	*****	*****		*****	REPORT	*****		twice per month	Grab	
	REQ					calendar month average					
Flow 50050	SAMPLE VALUE	*****	.1501	Mgal	*****	.0052	.0068	mgd	once per day	Measurement, Continuous	
	PERMIT	*****	REPORT		*****	0.0144	0.0216		once per day	Measurement, Continuous	
	REQ		calendar month total			calendar month average	daily maximum				
pH 00400	SAMPLE VALUE	*****	*****		7.7	*****	7.8	SU	twice per month	Grab	
	PERMIT	*****	*****		REPORT	*****	REPORT		twice per month	Grab	
	REQ				calendar month minimum		calendar month maximum				
Precipitation 00193	SAMPLE VALUE	*****	1.1	in	*****	*****	*****		once per day	Measurement	
	PERMIT	*****	REPORT		*****	*****	*****		once per day	Measurement	
	REQ		calendar month total								
Solids, Total Suspended (TSS) 00530	SAMPLE VALUE	*****	*****		*****	401	*****	mg/L	twice per month	Grab	
	PERMIT	*****	*****		*****	REPORT	*****		twice per month	Grab	
	REQ					calendar month average					

COMMENTS:

FACILITY NAME/ADDRESS:
Credit River Township - Stonebridge
8925 Canter Ln
Prior Lake, MN 55372

STATION INFORMATION:
WS 002 (Effluent to Drainfield)
Waste Stream

No Discharge ('Yes' or 'No'): No

WASTEWATER TREATMENT
DISCHARGE MONITORING REPORT

PERMIT #	LIMIT STATUS	FORMER #
MN0067261		

MONITORING PERIOD			
	YEAR|MO|DAY		YEAR|MO|DAY
FROM:	2016-02-01	TO:	2016-02-29

PERMITEE NAME/ADDRESS:
Credit River Township
18985 Meadow View Blvd
Prior Lake, MN 55372

PARAMETER		QUANTITY		UNITS	CONCENTRATION			UNITS	FREQUENCY OF ANALYSIS	SAMPLE TYPE	Exception
BOD, Carbonaceous 05 Day (20 Deg C) 80082	SAMPLE VALUE	*****	*****		*****	9.3	*****	mg/L	twice per month	Grab	
	PERMIT	*****	*****		*****	REPORT	*****		twice per month	Grab	
	REQ					calendar month average					
Chloride, Total 00940	SAMPLE VALUE	*****	*****		*****	758	*****	mg/L	twice per month	Grab	
	PERMIT	*****	*****		*****	REPORT	*****		twice per month	Grab	
	REQ					calendar month average					
Nitrite Plus Nitrate, Total (as N) 00630	SAMPLE VALUE	*****	*****		*****	14	*****	mg/L	twice per month	Grab	
	PERMIT	*****	*****		*****	REPORT	*****		twice per month	Grab	
	REQ					calendar month average					
Nitrogen, Kjeldahl, Total 00625	SAMPLE VALUE	*****	*****		*****	22	*****	mg/L	twice per month	Grab	
	PERMIT	*****	*****		*****	REPORT	*****		twice per month	Grab	
	REQ					calendar month average					
Nitrogen, Total (as N) 00600	SAMPLE VALUE	*****	*****		*****	36	*****	mg/L	twice per month	Grab	
	PERMIT	*****	*****		*****	REPORT	*****		twice per month	Grab	
	REQ					calendar month average					
Solids, Total Suspended (TSS) 00530	SAMPLE VALUE	*****	*****		*****	7.7	*****	mg/L	twice per month	Grab	
	PERMIT	*****	*****		*****	REPORT	*****		twice per month	Grab	
	REQ					calendar month average					

COMMENTS:

FACILITY NAME/ADDRESS:
Credit River Township - Stonebridge
8925 Canter Ln
Prior Lake, MN 55372

STATION INFORMATION:
WS 003 (Septic Tank Monitoring)
Waste Stream

No Discharge ('Yes' or 'No'): No

WASTEWATER TREATMENT
DISCHARGE MONITORING REPORT

PERMIT #	LIMIT STATUS	FORMER #
MN0067261		

MONITORING PERIOD			
	YEAR|MO|DAY		YEAR|MO|DAY
FROM:	2016-02-01	TO:	2016-02-29

PERMITEE NAME/ADDRESS:
Credit River Township
18985 Meadow View Blvd
Prior Lake, MN 55372

PARAMETER		QUANTITY		UNITS	CONCENTRATION			UNITS	FREQUENCY OF ANALYSIS	SAMPLE TYPE	Exception
Remaining Scum Capacity 04195	SAMPLE VALUE	*****	3	in	*****	*****	*****		once per month	Measurement	
	PERMIT	*****	REPORT		*****	*****	*****		once per month	Measurement	
	REQ		calendar month maximum								
Remaining Sludge Capacity 72109	SAMPLE VALUE	*****	27	in	*****	*****	*****		once per month	Measurement	
	PERMIT	*****	REPORT		*****	*****	*****		once per month	Measurement	
	REQ		calendar month maximum								
Scum Depth, Maximum of Sample 00068	SAMPLE VALUE	*****	0	in	*****	*****	*****		once per month	Measurement	
	PERMIT	*****	REPORT		*****	*****	*****		once per month	Measurement	
	REQ		calendar month maximum								
Sludge Depth, Maximum of Sample 04192	SAMPLE VALUE	*****	12	in	*****	*****	*****		once per month	Measurement	
	PERMIT	*****	REPORT		*****	*****	*****		once per month	Measurement	
	REQ		calendar month maximum								

COMMENTS:

Natural Systems Utilities
17818 Hwy 65 NE, Suite 100
Phone: 763-434-5660
Fax: 763-434-5664

Stonebridge February Wastewater Operation Summary
Credit River Township

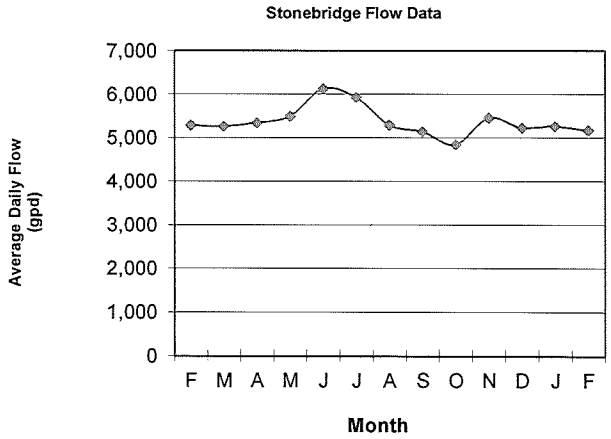
	Frequency		
STEP System			
Measure sludge and scum in STEP septic tanks	1 / year	[ ] Completed	[X] Not Completed
Clean Biotube STEP filters and test pump operation	1 / year	[ ] Completed	[X] Not Completed
Monitor flow via TCOM	1 / week	[X] Completed	[ ] Not Completed
Collection System			
Complete visual inspection of collection system	2 /year	[X] Completed	[ ] Not Completed
Pretreatment Module			
Download pump run times and event counters	1 / month	[X] Completed	[ ] Not Completed
Verify pumps are operational	1 / month	[X] Completed	[ ] Not Completed
Test amp draws of pumps	1 / month	[X] Completed	[ ] Not Completed
Clean Biotube filters and pump inlet screens	1 / year	[ ] Completed	[X] Not Completed
Sample influent at WS001	2 / month	[X] Completed	[ ] Not Completed
Measure sludge/scum at WS001	1 / month	[X] Completed	[ ] Not Completed
Check for orifice plugging	4 / year	[X] Completed	[ ] Not Completed
Visually inspect treatment pods for performance issues	4 / year	[X] Completed	[ ] Not Completed
Flush dosing lines	4 / year	[ ] Completed	[X] Not Completed
Disposal System			
Visually inspect the drainfield and walk around mounds	6 / year	[X] Completed	[ ] Not Completed
Observe cleanouts in mounds for evidence of ponding	6 / year	[ ] Completed	[X] Not Completed
Turn pumps to hand to observe diverter operation	4 / year	[ ] Completed	[X] Not Completed
Check for rodent activity/apply pesticide	6 / year	[ ] Completed	[X] Not Completed
Sample effluent at WS002	2 / month	[X] Completed	[ ] Not Completed
System winterized	1 / year	[ ] Completed	[X] Not Completed
Complete draw down for flow calibration	2 / year	[ ] Completed	[X] Not Completed
Sample at GW001,GW002,GW003 (April, July, October)	3 / year	[ ] Completed	[X] Not Completed

Average Daily Flow

Current month reading	5,168	gallons per day
Previous month reading	5,264	gallons per day
Increase/decrease	-96	gallons per day

pH Meter Calibrations

Operator Name	Date	Time	Cal. Buffers
Tyler Gagner	9-Feb	953am	4, 7, 10
Tyler Gagner	17-Feb	1102am	4, 7, 10



Comments

Trees trimmed back from drain field fence this month. System operating effectively

Future Maintenance Needs

None at this time

Date:	02/04/16	02/09/16	02/17/16	02/25/16
Operator:	TG	TG	TG	TG

"We're more than just operators...."

Providing experienced water and wastewater operations, maintenance, and management services to homeowners associations, local governments, and residential developers.