

FACILITY NAME/ADDRESS:
 Northfield WWTP
 1450 Highway 3 N
 Northfield, MN 55057

WASTEWATER TREATMENT
 DISCHARGE MONITORING REPORT

PERMITEE NAME/ADDRESS:
 Northfield city of
 1450 Highway 3 N
 Northfield, MN 55057

PERMIT #	LIMIT STATUS	FORMER #
MNO024368		

STATION INFORMATION:
 SD 006 (Main Facility Discharge)
 Surface Discharge

MONITORING PERIOD			
YEAR MO DAY		YEAR MO DAY	
FROM:	2016-12-01	TO:	2016-12-31

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

PARAMETER		QUANTITY		UNITS	CONCENTRATION			UNITS	FREQUENCY	SAMPLE	Exception
									OF ANALYSIS	TYPE	
BOD, Carbonaceous 05 Day (20 Deg C) 80082	SAMPLE	58	131	kg/d	*****	6.4	14	mg/L	3 times per week	24-Hour Flow Composite	
	VALUE										
	PERMIT	322	515		*****	25	40				
	REQ	calendar month average	maximum calendar week average			calendar month average	maximum calendar week average		3 times per week	24-Hour Flow Composite	
BOD, Carbonaceous 05 Day (20 Deg C) Percent Removal 80091	SAMPLE	*****	*****		98	*****	*****	%	3 times per week	Calculation	
	VALUE										
	PERMIT	*****	*****		85	*****	*****				
	REQ				minimum calendar month average				3 times per week	Calculation	
Copper, Total (as Cu) 01042	SAMPLE	*****	.16	kg/d	*****	*****	17	ug/L	twice per month	24-Hour Flow Composite	
	VALUE		1.45		*****	*****	113				
	PERMIT	*****	*****				daily maximum				
	REQ		daily maximum				daily maximum		twice per month	24-Hour Flow Composite	
Flow 50050	SAMPLE	*****	69	Mgal	*****	2.2	2.5	mgd	once per day	Measurement, Continuous	
	VALUE		REPORT		*****	REPORT	REPORT				
	PERMIT	*****	REPORT			calendar month average	calendar month maximum				
	REQ		calendar month total						once per day	Measurement, Continuous	
Mercury, Total (as Hg) 71900	SAMPLE	*****	*****		*****	*****	<.5	ng/L	once per quarter	Grab	
	VALUE		*****		*****	*****	REPORT				
	PERMIT	*****	*****				calendar quarter maximum				
	REQ								once per quarter	Grab	
Nitrogen, Ammonia, Total (as N) 00610	SAMPLE	*****	*****		*****	1.3	*****	mg/L	3 times per week	24-Hour Flow Composite	
	VALUE		*****		*****	*****	*****				
	PERMIT	*****	*****			REPORT	*****				
	REQ					calendar month average			3 times per week	24-Hour Flow Composite	
Oxygen, Dissolved 00300	SAMPLE	*****	*****		5	*****	*****	mg/L	once per day	Grab	
	VALUE		*****		*****	*****	*****				
	PERMIT	*****	*****		*****	*****	*****				
	REQ				calendar month minimum				once per day	Grab	
pH 00400	SAMPLE	*****	*****		6.8	*****	7.3	SU	once per day	Grab	
	VALUE		*****		*****	*****	9.0				
	PERMIT	*****	*****		*****	*****	*****				
	REQ				calendar month minimum		calendar month maximum		once per day	Grab	
Phosphorus, Total (as P) 00665	SAMPLE	*****	1514	kg/yr	*****	*****	*****		3 times per week	24-Hour Flow Composite	
	VALUE		*****		*****	*****	*****				
	PERMIT	*****	7174		*****	*****	*****				
	REQ		calendar year to date total						3 times per week	24-Hour Flow Composite	
Phosphorus, Total (as P) 00665	SAMPLE	3.5	*****	kg/d	*****	.4	*****	mg/L	3 times per week	24-Hour Flow Composite	
	VALUE		*****		*****	*****	*****				
	PERMIT	19.6	*****		*****	*****	1.0		*****		
	REQ	calendar month average				calendar month average			3 times per week	24-Hour Flow Composite	
Solids, Total Suspended (TSS) 00530	SAMPLE	115	265	kg/d	*****	13	29	mg/L	3 times per week	24-Hour Flow Composite	
	VALUE		578		*****	*****	45				
	PERMIT	386	578		*****	*****	*****				
	REQ	calendar month average	maximum calendar week average			calendar month average	maximum calendar week average		3 times per week	24-Hour Flow Composite	
Solids, Total Suspended (TSS) Percent Removal 81011	SAMPLE	*****	*****		94	*****	*****	%	3 times per week	Calculation	
	VALUE		*****		*****	*****	*****				
	PERMIT	*****	*****		85	*****	*****				
	REQ				minimum calendar month average				3 times per week	Calculation	

COMMENTS: