

AITKIN COUNTY ENVIRONMENTAL SERVICES

APPLICATION for an OPERATING PERMIT FOR WASTEWATER TREATMENT AND DISPERSAL

PERMITTEE Theodore Skaff PARCEL NUMBER 16-0-044901

ADDRESS 16637 - 329th Ave Isle MN

LEGAL DESCRIPTION lot 2 less plat & less 10.72 acres

TELEPHONE # _____ GIS LOCATION _____

A. DESCRIPTION OF WASTEWATER TREATMENT AND DISPERSAL SYSTEM:
 (Attach ISTS site evaluation and design; estimated cost of system construction, operation, monitoring, service, component replacement, and management; anticipated system life, hydraulic and organic loading rates)

MicroFAST .5 ATU, time dosing, Salcor UV disinfection, and 10' x 15' pressure bed

B. MONITORING PLAN AND REPORTING FREQUENCY:

PARAMETER	COMPLIANCE LIMIT	SAMPLE LOCATION	SAMPLE FREQUENCY	SAMPLE TYPE	REPORTING FREQUENCY
FLOW	150 gpd	pump tank	semi-annual	meter reading	annual
5-DAY BOD					
TOTAL NITROGEN					
TOTAL PHOSPHORUS					
TSS					
FATS,OILS AND GREASE					
FECAL COLIFORM	10,000 cfu/100ml	pump tank	annual	grab	annual
SEPARATION DISTANCE	18"				

Septic Check will perform the monitoring of this septic system.

C. MAINTENANCE PLANS

PARAMETER	LOCATION	FREQUENCY
sludge/scum	all chambers of tank	annual
Aerobic Treatment Unit UV disinfection	ATU tank after ATU	semi-annual semi-annual
pump and controls	pump tank	semi-annual
pressure bed	north end of lot	semi-annual

Salcor UV light is recommend to be replaced every 2-3 years by the manufacture depending on light intensity.


D. MITIGATION PLAN:

if system exceeds flow; reduce flow, install water efficient fixtures, or pump tanks.

if drainfield fails, install new drainfield

if system exceeds sample parameters, reduce flow, or install additional UV light

I hereby certify with my signature as the designer, that all data for the operating permit application is true and correct to the best of my knowledge. I agree to indemnify and hold Aitkin County harmless from loses, damages, costs and charges that may be incurred by the County because of the information submitted with this application.



Signature

2624

License Number

8-19-2014

Date

Brian Koski

Name (please print)

6074 Keystone Rd Milaca MN

Address

320-983-2447

Telephone #

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