



Stantec EcoCheck Inc.
4444 Centerville Road Suite 140
White Bear Lake MN 55127
Tel: (651) 255-5075
Fax: (651) 255-5060

Stantec

September 18, 2009

Discharge Monitoring Reports
Minnesota Pollution Control Agency
520 Lafayette Road North
St. Paul, MN 55155

RE: SDS Permit No. MN0068055
The Sanctuary Development WWTP
Lake Elmo, Minnesota

To Whom It May Concern:

Stantec EcoCheck is under contract to operate the Sanctuary Wastewater Treatment Facility. Attached is the Discharge Monitoring Report (DMR). This is the DMR for the month of August, 2009. Analytical Data, Supplemental Data, and Comments are also included with this report.

If you have any questions regarding this correspondence, please contact EcoCheck at (651)-255-5049.

Sincerely,

STANTEC ECOCHECK, INC.

Ryan C. Brandt
Project Manager

Cc: The Sanctuary HOA
Karl Horning, City of Lake Elmo



Minnesota Pollution Control Agency

SUPPLEMENTAL DATA and COMMENTS

Comments—Include information on violations, bypasses/overflows, maintenance conducted, etc. (Attach additional pages if necessary.)

See Attached Correspondence

Weekly Observations for Stabilization, Aerated, Polishing or Absorption Ponds

TYPE OF POND (AERATED, PRIMARY, ETC.)	POND _____ ACRES _____					POND _____ ACRES _____				
	1ST	2ND	3RD	4TH	5TH	1ST	2ND	3RD	4TH	5TH
WEEK OF THE MONTH										
1. DATE OF OBSERVATION										
2. ODOR (YES OR NO)										
3. AQUATIC PLANTS (% OF COVERAGE, TYPE)										
4. FLOATING MATS (% OF COVERAGE, TYPE)										
5. WATER DEPTH (UNITS _____)										
6. MUSKRATS, RODENTS, ETC. (YES OR NO)										
7. DIKE CONDITION (EROSION, ETC.)										
8. ICE COVER (% OF COVERAGE)										

Send with DMRs to:

Minnesota Pollution Control Agency
520 Lafayette Road North
Saint Paul, Minnesota 55155-4194
Attention: Discharge Monitoring Reports.

651-255-5049

Signature of Authorized Agent

Signature and Phone Number of Certified Operator



Stantec

Stantec EcoCheck, Inc
 4444 Centerville Road, Suite 140
 White Bear Lake, MN 55127
 Phone: 651-255-5075
 Fax: 651-255-5060

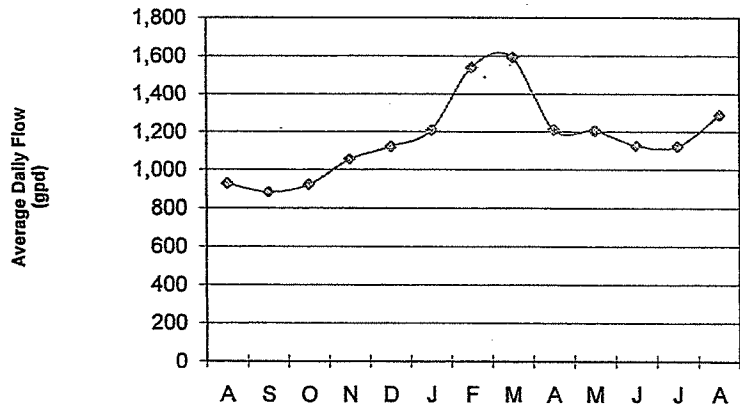
**The Sanctuary August Wastewater Operation Summary
 The Sanctuary LLC**

Monitoring Wells				
Sample wells (Apr, July, Oct).	Frequency 3 / year	<input type="checkbox"/> Completed	<input checked="" type="checkbox"/> Not Completed	
Lift Station Pumps				
Log pump run times and event counters	1 / month	<input checked="" type="checkbox"/> Completed	<input type="checkbox"/> Not Completed	
Verify all pumps are in working condition	1 / month	<input checked="" type="checkbox"/> Completed	<input type="checkbox"/> Not Completed	
Perform amp draw and voltage checks	1 / month	<input checked="" type="checkbox"/> Completed	<input type="checkbox"/> Not Completed	
Splitter Manhole - Influent Waste				
Sample influent flow	4 / year	<input type="checkbox"/> Completed	<input checked="" type="checkbox"/> Not Completed	
Measure sludge and scum in septic tanks.	1 / month	<input checked="" type="checkbox"/> Completed	<input type="checkbox"/> Not Completed	
Filter Tank				
Visually inspect effluent filters and clean if necessary	1 / month	<input checked="" type="checkbox"/> Completed	<input type="checkbox"/> Not Completed	
Vertical Flow Wetlands				
Visually inspect wetland and perform vegetation management	1 / month	<input checked="" type="checkbox"/> Completed	<input type="checkbox"/> Not Completed	
Insulate critical points prior to winter.	1 / year	<input checked="" type="checkbox"/> Completed	<input type="checkbox"/> Not Completed	
Observe wetland for any ponding	1 / month	<input checked="" type="checkbox"/> Completed	<input type="checkbox"/> Not Completed	
Observe blower for proper operation and log pressure	1 / month	<input checked="" type="checkbox"/> Completed	<input type="checkbox"/> Not Completed	
Blow out VFW dosing lines	1 / year	<input type="checkbox"/> Completed	<input checked="" type="checkbox"/> Not Completed	
Drainfield Dosing Tank				
Log pump run times and event counters	1 / month	<input checked="" type="checkbox"/> Completed	<input type="checkbox"/> Not Completed	
Verify all pumps are in working condition	1 / month	<input checked="" type="checkbox"/> Completed	<input type="checkbox"/> Not Completed	
Perform amp draws and voltage checks	1 / month	<input checked="" type="checkbox"/> Completed	<input type="checkbox"/> Not Completed	

Monthly Flow Data

Current Month Average Daily Flow	1,289
Previous Month Average Daily Flow	1,125
Increase/decrease	165
Blower Pressure	45

The Sanctuary Flow Data



Comments

Based on standard operational checks and visual inspections, the system appears to be operating well.

Future Maintenance Needs

None at this time.

Date: 8/5/09 8/24/2009
 Operator: TDB TDB

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

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



Sanctuary WWTP
 Sanctuary LLC
 12415 55th St N
 Lake Elmo, MN 55042

WASTEWATER TREATMENT
 DISCHARGE MONITORING REPORT

PERMIT #	LIMIT STATUS	PCS.#
MN0068055	FINAL	

MONITORING PERIOD	
YEAR MO. DAY	YEAR MO. DAY
2009/08/01	2009/08/31

STATION INFORMATION:
 WS-001 (Influent Waste)
 Waste Stream, Influent Waste
 Attention: Steve Kokesh

AMENDED
 NO FLOW

MPCA: BN

PARAMETER	QUANTITY		CONCENTRATION		UNITS	FREQUENCY OF ANALYSIS	SAMPLE TYPE
	SAMPLE VALUE	PERMIT REQ	SAMPLE VALUE	PERMIT REQ			
Precipitation	7.32	*****	*****	*****	in	1 x Day	Measur
00193	REPORT CalMoTot	*****	*****	*****	mgd	1 x Day	MeaCon
Flow	0.0400	*****	0.0013	0.0028	mgd	1 x Day	MeaCon
50050	REPORT CalMoTot	*****	0.02077 CalMoAvg	0.0312 DailyMax			

Send original with supplemental DMR (if applicable) by the 21st day of month following reporting period to: MINNESOTA POLLUTION CONTROL AGENCY 520 LAFAYETTE RD ST. PAUL, MN 55155-4194 ATTN: Discharge Monitoring Report	I certify that I am familiar with the information contained in this report and that to the best of my knowledge and belief the information is true, complete, and accurate.	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	DATE
		SIGNATURE OF CHIEF OPERATOR	DATE
		651/255-5049	9-16-09
			C-29095

COMMENTS:

FACILITY NAME/ADDRESS:
Sanctuary WWTP
See location description
Lake Elmo, MN 55042

WASTEWATER TREATMENT
DISCHARGE MONITORING REPORT

PERMITTEE NAME/ADDRESS:
Sanctuary LLC
12415 55th St N
Lake Elmo, MN 55042



PERMIT #	LIMIT STATUS	PCS#
MN0068055	FINAL	

STATION INFORMATION:

WS-002 (Prior to drainfield)
Waste Stream, Intermediate: WW to Land
Attention: Steve Kokesh

MONITORING PERIOD	
YEAR MO DAY	YEAR MO DAY
2009/08/01	2009/08/31

AMENDED
 NO FLOW

MPCA: BN

PARAMETER	QUANTITY		UNITS	CONCENTRATION		UNITS	FREQUENCY OF ANALYSIS	SAMPLE TYPE
	FROM	TO		REPORT	CalMoAvg			
CBOD 05 Day (20 Deg C)	*****	*****	****	13	*****	mg/L	1 x Month	✓
	*****	*****	*****	REPORT CalMoAvg	*****			
TSS	*****	*****	****	11.6	*****	mg/L	1 x Month	✓
	*****	*****	*****	REPORT CalMoAvg	*****			
Nitrogen Total (as N)	*****	*****	****	3	7.66	mg/L	1 x Month	✓
	*****	*****	*****	REPORT CalMoAvg	10.0 12MoMoVave			

Send original with supplemental DMR (if applicable) by the 21st day of month following reporting period to: MINNESOTA POLLUTION CONTROL AGENCY 520 LAFAYETTE RD ST. PAUL, MN 55155-4194 ATTN: Discharge Monitoring Report	I certify that I am familiar with the information contained in this report and that to the best of my knowledge and belief the information is true, complete, and accurate.
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT <i>[Signature]</i>	DATE 9-16-09
SIGNATURE OF CHIEF OPERATOR <i>[Signature]</i>	PHONE 651/255-5049
	CERTIFICATION# C-29095

6 COMMENTS:

FACILITY NAME/ADDRESS:
 Sanctuary WWTP
 See location description
 Lake Elmo, MN 55042

WASTEWATER TREATMENT
 DISCHARGE MONITORING REPORT

FACILITY NAME/ADDRESS:
 Sanctuary LLC
 12415 55th St N
 Lake Elmo, MN 55042



PERMIT #	LIMIT STATUS	PCS.#
MN0068055	FINAL	

STATION INFORMATION:

WS-003 (Septic Tank #1)
 Waste Stream, Internal Waste Stream
 Attention: Steve Kokesh

MONITORING PERIOD		
YEAR	MO.	DAY
2009	08	31
FROM	TO	
2009/08/01	2009/08/31	

AMENDED
 NO FLOW

MPCA:BN

PARAMETER	QUANTITY	UNITS	CONCENTRATION	UNITS	FREQUENCY OF ANALYSIS	SAMPLE TYPE
Scum Depth Maximum of Sample 00068	0	in	*****	****	✓	✓
	REPORT SingleVal		*****		1 x Month	Measur
Sludge Depth Maximum of Sample 04192	12	in	*****	****	✓	✓
	REPORT SingleVal		*****		1 x Month	Measur
Scum Capacity Remaining 04195	9	in	*****	****	✓	✓
	REPORT SingleVal		*****		1 x Month	Measur
Sludge Capacity Remaining 72109	48	in	*****	****	✓	✓
	REPORT SingleVal		*****		1 x Month	Measur

Send original with supplemental DMR (if applicable) by the 21st day of month following reporting period to:
 MINNESOTA POLLUTION CONTROL AGENCY
 520 LAFAYETTE RD
 ST. PAUL, MN 55155-4194
 ATTN: Discharge Monitoring Report

I certify that I am familiar with the information contained in this report and that to the best of my knowledge and belief the information is true, complete, and accurate.

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT
 SIGNATURE OF CHIEF OPERATOR

DATE
 CERTIFICATION#

657/255-5049
 9-16-09
 C-291095

COMMENTS:



PERMITTEE NAME/ADDRESS:
Sanctuary LLC
12415 55th St N
Lake Elmo, MN 55042

WASIEWAIEK I KEA IMEN I
DISCHARGE MONITORING REPORT

FACILITY NAME/ADDRESS:
Sanctuary WWTP
See location description
Lake Elmo, MN 55042

AMENDED
NO FLOW

PERMIT # MN0088055
LIMIT STATUS FINAL
PCS #

MONITORING PERIOD
YEAR: MO: DAY
2009: 08: 01 TO 2009: 08: 31

STATION INFORMATION:
WS-004 (Septic Tank #2)
Waste Stream, Internal Waste Stream
Attention: Steve Kokesh

MPCA:BN

PARAMETER	QUANTITY		UNITS	CONCENTRATION		UNITS	FREQUENCY OF ANALYSIS	SAMPLE TYPE
	SAMPLE VALUE	PERMIT REQ		SAMPLE VALUE	PERMIT REQ			
Scum Depth Maximum of Sample 00068	0	REPORT SingleVal	in	*****	*****	****	1 x Month	Measur
	20	REPORT SingleVal		*****	*****			
Sludge Depth Maximum of Sample 04192	9	REPORT SingleVal	in	*****	*****	****	1 x Month	Measur
	40	REPORT SingleVal		*****	*****			
Scum Capacity Remaining 04195			in	*****	*****	****	1 x Month	Measur
				*****	*****			
Sludge Capacity Remaining 72109			in	*****	*****	****	1 x Month	Measur
				*****	*****			

Send original with supplemental DMR (if applicable) by the 21st day of month following reporting period to:
MINNESOTA POLLUTION CONTROL AGENCY
520 LAFAYETTE RD
ST. PAUL, MN 55155-4194
ATTN: Discharge Monitoring Report

I certify that I am familiar with the information contained in this report and that to the best of my knowledge and belief the information is true, complete, and accurate.

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT: *[Signature]* DATE: 9-16-09 CERTIFICATION#: C-29095
SIGNATURE OF CHIEF OPERATOR: *[Signature]* PHONE: 651/255-5049 DATE: 9-16-09 CERTIFICATION#:

DISCHARGE MONITORING REPORT

Sanctuary LLC
12415 55th St N
Lake Elmo, MN 55042



PERMIT #	LIMIT STATUS	PCS #
MIN0068055	FINAL	

STATION INFORMATION:

WS-005 (Septic Tank #3),
Waste Stream, Internal Waste Stream
Attention: Steve Kokesh

MONITORING PERIOD	
YEAR: MO. DAY	YEAR: MO. DAY
2009/08/01	2009/08/31

AMENDED
 NO FLOW

MPCA:BN

PARAMETER	QUANTITY		UNITS	CONCENTRATION		UNITS	FREQUENCY OF ANALYSIS	SAMPLE TYPE
	SAMPLE VALUE	PERMIT REQ		SAMPLE VALUE	PERMIT REQ			
Scum Depth Maximum of Sample 00068	0	REPORT SingleVal	in	*****	*****	****	✓	✓
				*****	*****	1 x Month	Measur	
Sludge Depth Maximum of Sample 04192	2	REPORT SingleVal	in	*****	*****	****	✓	✓
				*****	*****	1 x Month	Measur	
Scum Capacity Remaining 04195	9	REPORT SingleVal	in	*****	*****	****	✓	✓
				*****	*****	1 x Month	Measur	
Sludge Capacity Remaining 72109	58	REPORT SingleVal	in	*****	*****	****	✓	✓
				*****	*****	1 x Month	Measur	

Send original with supplemental DMR (if applicable) by the 21st day of month following reporting period to:
MINNESOTA POLLUTION CONTROL AGENCY
520 LAFAYETTE RD
ST. PAUL, MN 55155-4194
ATTN: Discharge Monitoring Report

I certify that I am familiar with the information contained in this report and that to the best of my knowledge and belief the information is true, complete, and accurate.

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT		DATE	
<i>Rob Swart</i>		9-16-09	
SIGNATURE OF CHIEF OPERATOR		DATE	
		9-16-09	
PHONE		CERTIFICATION#	
651/255-5049		C-29095	

COMMENTS:

Facility Name/Address:
Sanctuary WWTP
See location description
Lake Elmo, MN 55042

WASTEWATER TREATMENT
DISCHARGE MONITORING REPORT

PERMIT #	LIMIT STATUS	PCS #
MN0068055	FINAL	

Permittee Name/Address:
Sanctuary LLC
12415 55th St N
Lake Elmo, MN 55042



STATION INFORMATION:
WS-006 (Septic Tank #4)
Waste Stream, Internal Waste Stream
Attention: Steve Kokesh

MONITORING PERIOD	
YEAR: MO: DAY	YEAR: MO: DAY
2009/08/01	2009/08/31

AMENDED
 NO FLOW

MPCA: BN

PARAMETER	QUANTITY	UNITS	CONCENTRATION		UNITS	FREQUENCY OF ANALYSIS	SAMPLE TYPE
			PERMIT VALUE	SAMPLE VALUE			
Scum Depth Maximum of Sample 00068	0	in	*****	*****	****	1 x Month	Measur
			PERMIT REQ	SAMPLE VALUE	*****	*****	1 x Month
Sludge Depth Maximum of Sample 04192	6	in	*****	*****	****	1 x Month	Measur
			PERMIT REQ	SAMPLE VALUE	*****	*****	1 x Month
Scum Capacity Remaining 04195	9	in	*****	*****	****	1 x Month	Measur
			PERMIT REQ	SAMPLE VALUE	*****	*****	1 x Month
Sludge Capacity Remaining 72109	54	in	*****	*****	****	1 x Month	Measur
			PERMIT REQ	SAMPLE VALUE	*****	*****	1 x Month

Send original with supplemental DMR (if applicable) by the 21st day of month following reporting period to:
MINNESOTA POLLUTION CONTROL AGENCY
520 LAFAYETTE RD
ST. PAUL, MN 55155-4194
ATTN: Discharge Monitoring Report

I certify that I am familiar with the information contained in this report and that to the best of my knowledge and belief the information is true, complete, and accurate.

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	DATE
<i>[Signature]</i>	6/16/09
SIGNATURE OF CHIEF OPERATOR	DATE
<i>[Signature]</i>	6/16/09

PHONE: 651/255-5049
CERTIFICATION: C-29095

SAMPLE RESULTS

NTS Sample: 369816
 Description: WS-002
 Sample Date: 8/5/2009 1:30:00 PM

Matrix: Aqueous
 Sample Type: Grab

NTS COC: 97662
 Client: 1181 - Stantec EcoCheck, Inc.
 Project: 4423 - Sanctuary
 Sampled By: Client
 Report Date: 8/20/2009
 Rec'd Temperature: 7.5 °C

Analyte	Result	RL	Units	Method	Prepared Date	Analysis Date	
CBOD	13	6	mg/L	SM 5210B		8/6/2009 07:16	i
Nitrogen, Nitrate+Nitrite	<0.1	0.1	mg/L as N	EPA 353.2		8/18/2009	i
Nitrogen, Total	3.0	0.5	mg/L as N	EPA 351.2/353.2		8/20/2009 09:53	i
Nitrogen, Total Kjeldahl	3.0	0.5	mg/L as N	EPA 351.2	8/18/2009	8/19/2009	i
Solids, Nonfilterable (TSS)	11.6	1	mg/L	USGS I-3765-85		8/6/2009	i

Qualifier	Description	Note
i	Improper sample preservation noted, analysis performed.	Sample received at 7.5 °C