



TEST REPORT

Send To: C0439427

Mr. Karl Holt
Aero-Stream, LLC
W300N7706 Christine Lane
Hartland, WI 53029

Facility: C0439427

Aero-Stream, LLC
W300N7706 Christine Lane
Hartland WI 53029
United States

Result	PASS	Report Date	17-DEC-2019
Customer Name	Aero-Stream, LLC		
Tested To	NSF/ANSI 40		
Description	AS500-2 and AS500-3		
Trade Designation	AS500-2 and AS500-3		
Test Type	Qualification		
Job Number	J-00321371		
Project Number	10108435 (PL01)		
Project Manager	Sharon Weindorf		

Thank you for having your product tested by NSF International.

Please contact your Project Manager if you have any questions or concerns pertaining to this report.

Report Authorization

David Semak - Director, Engineering Laboratory

Date 17-DEC-2019



General Information

Standard: NSF/ANSI 40
Test Description: NSF 40 & 245 Qualification Testing
Trade Designation/Model Number: AS500-2 and AS500-3

Sample Id: **S-0001556871**
Description: AS500-2 and AS500-3
Sampled Date: 10/30/2018
Received Date: 10/30/2018

Testing Parameter	Result	Units
Engineering Lab		
WWT Test According to NSF/ANSI 40, 245		
Standard #	NSF/ANSI 40-2018	
Site #	Waco - site 10- SP1	
Daily Hydraulic Capacity	450 gpd	
Installation date	12-NOV-2018	
Initial Performance Evaluation	Pass	
Materials Evaluation	Pass	
Design and Construction Evaluation	Pass	
Startup Weeks	3 weeks but per the client's request they were used for the performance	
Test Start Date	26-NOV-2018	
Influent BOD5 Requirement	Pass	
Influent TSS Requirement	Pass	
Influent Alkalinity Requirement	Pass	
Influent Temperature Requirement	Pass	
Influent pH Requirement	Pass	
Nitrogen Reduction Required	No	
Wash-day stress over 5 days	Complete	
Working parent stress over 5 days	Complete	
Power/equipment failure stress	Complete	
Vacation stress	Complete	
The 30-day average volume dosed to syste	Pass	
Effluent CBOD5 Requirement	Pass	
Effluent TSS Requirement	Pass	
Effluent pH Requirement	Pass	
Color, Odor, Foam, and Oily Film Assessm	Complete	
Sampling Collection and Frequency	Pass	
Test duration	202 Days	
Test Completion Date	14-JUN-2019	
Catastrophic Site Problem	Yes	
Reason and Extended Time	Low Inleunt BOD - Test Extended 3 weeks	
Adjustment Required	No	
Data Review Date	16-AUG-2019	
Note: [P0218/1]		
System model name= ATU500-2		
WWT Test According to NSF/ANSI 40, 245		
Standard #	NSF/ANSI 40- 2018	
Site #	Waco- site 10- SP2	
Daily Hydraulic Capacity	450 gpd	
Installation date	12-NOV-2018	
Initial Performance Evaluation	Pass	
Materials Evaluation	Pass	
Design and Construction Evaluation	Pass	
Startup Weeks	3 weeks but per the client's request they were used for the performance	



Sample Id: S-0001556871

Testing Parameter	Result	Units
Engineering Lab (Continued)		
Test Start Date	26-NOV-2018	
Influent BOD5 Requirement	Pass	
Influent TSS Requirement	Pass	
Influent Alkalinity Requirement	Pass	
Influent Temperature Requirement	Pass	
Influent pH Requirement	Pass	
Nitrogen Reduction Required	No	
Wash-day stress over 5 days	Complete	
Working parent stress over 5 days	Complete	
Power/equipment failure stress	Complete	
Vacation stress	Complete	
The 30-day average volume dosed to syste	Pass	
Effluent CBOD5 Requirement	Pass	
Effluent TSS Requirement	Pass	
Effluent pH Requirement	Pass	
Color, Odor, Foam, and Oily Film Assessm	Complete	
Sampling Collection and Frequency	Pass	
Test duration	202 Days	
Test Completion Date	14-JUN-2019	
Catastrophic Site Problem	Yes	
Reason and Extended Time	Low Inffeunt BOD - Test Extended 3 weeks	
Adjustment Required	No	
Data Review Date	19-AUG-2019	
Note: [P0218/1]		
System model name= ATU500-3		



Job Notes:

Nitrogen sampling for NSF 245 was stopped on Fri 2/8 per the client's request.
High Influent BOD during the 4th 30-day average. It didn't result in system upset and the system worked under the worst case of scenario.
ATU500-2 and ATU500-3 systems are classified as Class I residential wastewater treatment systems.
ENejad 8/19/19

This report replaces previously issued report with serial# FI20190819163957. This report is being re-issued with corrected model numbers. This does not change the overall status of the report.



Testing Laboratories:

	Id	Address
All work performed at: (Unless otherwise specified)	NSF_WACO	NSF International 1147 Treatment Plant Drive Waco, TX 76706

References to Testing Procedures:

NSF Reference	Parameter / Test Description
P0218	WWT Test According to NSF/ANSI 40, 245

Test descriptions preceded by an asterisk "*" indicate that testing has been performed per NSF International requirements but is not within its scope of accreditation.

Unless otherwise indicated, method uncertainties are not applied in any determinations of conformity. Testing utilizes the requested sections of any referenced standards, which may not be the entire standard.