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## MASSACHUSETTS FIELD INSPECTION & SERVICE REPORT

*For Bio-Microbics FAST<sup>®</sup> Systems*

45310

INSTALLATION		AUTHORIZED SERVICE PROVIDER	
Installation Address: 20 Metells Way Edgartown, MA 02539		Name: Wastewater Treatment Services, Inc.	
Owner Name: Peter Blommer			
Mail Address: 481 St. David Avenue Wayne, PA 19087		Mail Address: 44 Commercial Street Raynham, MA 02767	
Phone: 610-316-1927	Fax:	e-mail:	Phone: (508) 880-0233 Fax: (508) 880-7232 e-mail:
INSTALLATION INFORMATION			
<u>Model No.</u>	<u>Serial No.</u>	<u>Startup Date</u>	<u>Date of last pump out</u>
MicroFAST .9	0041168	7/13/2021	
<u>Approval Type</u>	(x) General ( ) Provisional ( ) Piloting ( ) Remedial ( ) General Denite		
<u>Seasonal Residence</u>	( ) Yes (x) No		
EQUIPMENT	YES	NO	MAINTENANCE PERFORMED AND COMMENTS
<b>Electrical Panel(s)</b>			
Visual Alarm Operating	x		
Audio Alarm Operating (if present)	x		
<b>Blower(s)</b>			
Air Inlet Filter Clean	x		
Blower Hood Vents Clear	x		
Excessive Noise		x	
Excessive Vibration		x	
<b>Treatment unit(s)</b>			
Unusual Odor		x	
<b>Settleable Solids Test Performed</b>		x	
<b>Pump out Required</b>		x	
Primary Settling Zone Sludge Depth	"		
Aerobic Treatment Zone Sludge Depth	"		
Thickness of Scum Layer	"		
Sludge Level Distance to Outlet	"		

<b>Depth of Ponding Within SAS</b>			
Visual Observation	Comments: firm		
Measurement	Comments:		
<b>EFFLUENT</b>	<b>LIMIT</b>	<b>RESULT</b>	
Estimated Daily Flow		550 gpd	
pH (Standard Units)	6 to 9		
Turbidity	≤ 40 NTU		
Dissolved Oxygen	≥ 2 Mg/L		
Color	Clear	Clear	
Temperature			
Odor	Not Septic	Earthy	
Effluent Solids		(x) None () Some	
Effluent Samples Taken:			
Influent: <input type="checkbox"/> pH <input type="checkbox"/> BOD <input type="checkbox"/> CBOD <input type="checkbox"/> TSS <input type="checkbox"/> TKN <input type="checkbox"/> Nitrate <input type="checkbox"/> Nitrite <input type="checkbox"/> Total Nitrogen <input type="checkbox"/> Phosphorus <input type="checkbox"/> Spec. Cond. <input type="checkbox"/> Ammonia <input type="checkbox"/> Alkalinity <input type="checkbox"/> Oil/Grease <input type="checkbox"/> VOC <input type="checkbox"/> Fecal Coliform			
Effluent: <input checked="" type="checkbox"/> pH <input checked="" type="checkbox"/> BOD <input type="checkbox"/> CBOD <input checked="" type="checkbox"/> TSS <input checked="" type="checkbox"/> TKN <input checked="" type="checkbox"/> Nitrate <input checked="" type="checkbox"/> Nitrite <input type="checkbox"/> Total Nitrogen <input type="checkbox"/> Phosphorus <input type="checkbox"/> Spec. Cond. <input checked="" type="checkbox"/> Ammonia <input checked="" type="checkbox"/> Alkalinity <input type="checkbox"/> Oil/Grease <input type="checkbox"/> VOC <input type="checkbox"/> Fecal Coliform			
Description of any maintenance performed since previous inspection & during this inspection: Cleaned Filter, Checked Splash Recycle			
<b>Notes and Comments: Please be advised that the access covers to the FAST system are below grade and need to be modified to facilitate a complete service and inspection. Please call with any questions. Sampled from observation port.</b>			
CERTIFIED OPERATOR NAME		CERTIFICATION NUMBER	SERVICE DATE
Philip Dwyer		16029	1/11/24
OPERATOR SIGNATURE			
			



**CERTIFICATE OF ANALYSIS**

Mike Moreau  
 Wastewater Treatment Services Inc  
 44 Commercial Street  
 Raynham, MA 02767

Project Name: Wastewater-P Blommer  
 Work Order Number: A4A0384  
 Date Received: 01/12/2024

Sampled By: Phil Dwyer  
 Location: 20 Metells Edgartown Effluent Grab SN 41168

Date Sampled: 1/11/24 13:30  
 Matrix: Wastewater

**RESULTS OF ANALYSIS**

Parameter	Analytical Method	Date Analyzed	Units	Detection Limit	DW MCL/ Recommended Limit #	Result
<b>Test Parameters</b>				<b>LAB-ID#: A4A0384-01</b>		
Alkalinity as CaCO3	310.2	1/15/2024	mg/L	5.00	---	14.3
Ammonia as N	350.1	1/17/2024	mg/L	0.10	---	0.12
BOD	5210B	1/12/2024	mg/L	4.0	---	14.4
Kjeldahl Nitrogen as N	351.2	1/18/2024	mg/L	0.50	---	4.72
Nitrate as N	4110 B	1/13/2024	mg/L	1.00	---	24.8
Nitrite as N	4110 B	1/13/2024	mg/L	0.50	---	1.35
pH	4500H+ B	1/12/2024	S.U.	N/A	---	7.5
Solids, Suspended	2540D	1/17/2024	mg/L	4.0	---	30.0

NA = Not Applicable  
 ND = Not Detected  
 < = Less Than  
 > = Greater Than

Approved By: 

**Work Order Narrative:**

No unusual observations noted.

**REVIEWED**

**By mgargasz at 2:07 pm, Jan 23, 2024**