



AQWA Inc.
2604 Willis Court, Wilson, NC 27896
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Customer Name: <u>Alford</u>	Date of Inspection: <u>2/9/2023</u>
Address: <u>Alford - 200 Union Circle Lillington, NC 27546</u>	Arrival Time: <u>10:00:00 AM</u>
System AX ID: <u>AX-122273</u>	
County: <u>Harnett</u>	Departure Time: <u>11:50:00 AM</u>
Permit No. _____	

Inspection and Maintenance Checklist - AX20 (1, 2, or 3) D-Box or P Manifold with or without Grease

Septic Tank Inspection

Tank At Site <u>Tank 1</u>	
Tank 1 Inlet Readings	Tank 2 Inlet Readings
<u>6</u> Scum <u>6</u> Sludge	_____ Scum _____ Sludge
Tank 1 Outlet Readings	Tank 1 Outlet Readings
<u>0</u> Scum <u>8</u> Sludge	_____ Scum _____ Sludge

Tank Inspection Questions	Tank 1	Tank 2
Clean Effluent Filter:	Cleaned	
Check for Influent or Effluent Blockages:	Blockage Cleared	
Inspect Tank/Riser for Leaks:	None Seen	

Control Panel Inspection

Check Pump Operates In Manual Mode: <u>Yes</u>	
Recircular Pumps <u>Recirculation Pump 1</u>	
Pump 1 Timer Settings	Pump 2 Timer Settings
<u>0.4</u> Dose <u>10.6</u> Rest	_____ Dose _____ Rest
Pump 1 - Counters and Elapsed Time Meters	Pump 2 - Counters and Elapsed Time Meters
<u>5176</u> CT <u>3312.7</u> ETM	_____ CT _____ ETM
Verify Conduit Seal: <u>Verified</u>	

AX20 Treatment Pod(s) Inspection

AX Treatment Pod(S) _____	<u>PO1</u>			
Pod Inspection	Pod 1	Pod 2	Pod 3	Pod 4
Inspect for Ponding or Bridging:	None			
Check and Record Squirt Height:	3 ft			
Verify Orifice Position and Assess for Clogging:	Ok			
Check for Odors:	None			
Clean, Brush, Flush Lateral:	Done			
Recheck and Record Squirt Height:	3 ft			
Flush Pod Thoroughly:	Done			
Inspect and Clean Vents:	Vents Clear			

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Recirculation Tank Inspection

Verify Inlet Flow:	<u>Inflow</u>
Inspect Liquid:	<u>Normal Level</u>
Record Scum/Sludge Levels:	
Inlet Readings:	Outlet Readings:
0 Scum 14 Sludge	0 Scum 8 Sludge
Inspect Tank/Riser for Leakage:	<u>None Seen</u>
Verify All Floats Work:	<u>Operating Properly</u>
Visually Check RSV and Liquid Level:	<u>Normal</u>
Verify Audible Alarm Works for High Water float:	<u>Works Properly</u>
Clean Biotube/Pump Vault Filter Cartridge:	<u>Cleaned</u>
Verify Neat Wrap of Float and Pump Cords:	<u>Checked</u>
Inspect Biotube/Pump Vault Filter Cartridge:	<u>Ok</u>
Verify Conduit Seal:	<u>Verified</u>
Pull Pump and Clean Screen:	<u>Not Necessary</u>
Verify No Leaking In Piping or Flex Hoses:	<u>None Seen</u>

Ultraviolet Disinfection Unit Inspection

Does System Have a UV?	<u>Yes</u>
How Many UV Disinfectant Units Present?	<u>UV 1</u>

UV Disinfectant Unit Inspection	UV 1	UV2
After Disconnecting Power, Clean or Replace Bulb As Needed:	Replaced	
Flush Housing Thoroughly:	Flushed	
Return Power and Verify Proper Function:	Verified	

Field Dosing Tank Inspection

Inspect for Tank/Riser Leakage:	<u>None Seen</u>
Inspect Liquid:	<u>Normal Level</u>
Record Scum/Sludge Levels:	
Inlet Readings:	Outlet Readings:
Scum Sludge	0 Scum 5 Sludge
Visually Check Liquid Level:	<u>Normal</u>
Verify Audible Alarm Works for High Water float:	<u>Works Properly</u>
Verify No Leaks In Piping or Flex Hoses:	<u>None Seen</u>
Verify Neat Wrap of Float and Pump Cords:	<u>Verified</u>
Inspect Pump Intake:	<u>Ok</u>
Delivery Rate at Start Up:	<u>30</u>
Verify All Floats Work:	<u>Operating Properly</u>
Verify Conduit Seal:	<u>Verified</u>
Current Delivery Rate:	<u>19.5</u>
Pump 1 CT:	<u>11962</u>
Current Pump Efficiency:	<u>65</u>
Pump 1 ETM:	<u>726.3</u>

D-Box or Pressure Manifold Inspection

Areas Mowed and Clear of Obstruction:	<u>Yes</u>
Area Free of Ponding or Surface Effluent:	<u>Yes</u>
Curtain Drains, Ditches, Swales Functioning Properly:	<u>Yes</u>
Check for Leaking Hardware or Valves:	<u>None Seen</u>

Grease Trap Inspection

Record Scum/Sludge Levels:	
Inlet Readings:	Outlet Readings:
Scum Sludge	Scum Sludge
	Verified
Clean Effluent Filter:	_____
Check for Influent or Effluent Blockages:	_____
Inspect Tank/Riser for Leaks:	_____

Control Panel Communication Checked: _____ Panel called in healthy

Inspection Notes

53-56.25=3.25×18=58.5+3=19.5+30=.65 SEPTIC TANK needs to be pumped out as soon as possible.

Connor Gavin



Operator

Operator Signature