

**ST. JOHNS COUNTY UTILITY DEPARTMENT  
2G - INSPECTION - WASTEWATER PUMP STATION STARTUP REPORT**

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**GENERAL INFORMATION**

Startup Date: \_\_\_\_\_ P.S. #: \_\_\_\_\_ As-built #: \_\_\_\_\_ Zone#: \_\_\_\_\_  
 Development Name: \_\_\_\_\_  
 Address: \_\_\_\_\_  
 Engineer: \_\_\_\_\_ Contractor: \_\_\_\_\_

**GENERAL SITE REQUIREMENTS**

- |  |   |
|--|---|
| <input type="checkbox"/> Min. 1" Water Service | <input type="checkbox"/> Hose Bib with Backflow Preventer |
| <input type="checkbox"/> Positive Drainage     | <input type="checkbox"/> Static Water Line                |
| <input type="checkbox"/> Fence                 | <input type="checkbox"/> Fence Privacy Slats              |
| <input type="checkbox"/> Site Lighting         | <input type="checkbox"/> Driveway & Pad                   |

**ELECTRICAL & CONTROLS**

Electric Meter Can #: \_\_\_\_\_ Type of Wire: \_\_\_\_\_  
 Voltage: \_\_\_\_\_ Three Phase   
 Chico in pump lead conduits

**CIRCUIT BREAKERS**

	<u>Manufacturer</u>	<u>Amps</u>
Main:	_____	_____
Pump:	_____	_____

**PUMP STARTER**

Manufacturer: \_\_\_\_\_  
 Model #: \_\_\_\_\_  
 NEMA Size: \_\_\_\_\_

**CONTROL CABINET**

- |  |  |   |
|--|--|---|
| <input type="checkbox"/> Stainless Steel       | <input type="checkbox"/> Ground Rod                          | <input type="checkbox"/> 3 Point Latch  |
| <input type="checkbox"/> Alarm Light           | <input type="checkbox"/> Alarm Horn                          | <input type="checkbox"/> Silence Button |
| <input type="checkbox"/> Rigid Service Conduit | <input type="checkbox"/> Station Grounded                    | <input type="checkbox"/> Drip Shield    |
| <input type="checkbox"/> SS NEMA 4X Enclosure  | <input type="checkbox"/> Main/Emergency Mechanical Interlock |   |
| <input type="checkbox"/> Wiring Diagram        | <input type="checkbox"/> Light Switch/Simplex outlet         |   |

**WATER LEVEL CONTROLS**

Wet Well Pressure Transducer  YES  No

<u>Transducer levels</u>	<u>Elev.</u>	<u>Actual</u>	<u>Design</u>	<u>Float levels</u>	<u>Elev.</u>	<u>Actual</u>	<u>Design</u>
Pump off:	_____	<input type="checkbox"/>	<input type="checkbox"/>	Pump on:	_____	<input type="checkbox"/>	<input type="checkbox"/>
Lag Pump On:	_____	<input type="checkbox"/>	<input type="checkbox"/>	Pump off:	_____	<input type="checkbox"/>	<input type="checkbox"/>
Lead Pump On:	_____	<input type="checkbox"/>	<input type="checkbox"/>				
High Level Alarm:	_____	<input type="checkbox"/>	<input type="checkbox"/>				

**PUMP AND MOTOR DATA**

Manufacturer: FLYGT Model #: \_\_\_\_\_ HP: \_\_\_\_\_  
 Impeller #: \_\_\_\_\_ Design Flow: \_\_\_\_\_ gpm  
 Pump Discharge Size: \_\_\_\_\_ in. Design TDH: \_\_\_\_\_ ft.

Note: Manufacturer's Pump Startup sheet should be attached to this form to complete the required startup report.

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**WET WELL**

Diameter: \_\_\_\_\_ ft                      Depth: \_\_\_\_\_ ft  
 Top Elevation: \_\_\_\_\_                      Invert #1: \_\_\_\_\_  
 HiVent:                       Yes                      Emer. Suction (Male Quick Connect w/ Cap):     Yes  
 Liner Type: \_\_\_\_\_

**VALVES**

Plug Valve Manufacturer: \_\_\_\_\_                      Type: \_\_\_\_\_                      Size: \_\_\_\_\_ in.  
 Check Valve Manufacturer: \_\_\_\_\_                      Type: \_\_\_\_\_                      Size: \_\_\_\_\_ in.

**COMMENTS**

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Information needed for Section 2.29 - ELECTRICAL SYSTEMS ANALYSIS or startup is incomplete.

A.     Electrical Service

<u>From</u>	<u>To</u>	<u>Conduit Length, ft</u>	<u>Conductor Size, Gauge</u>		
			<u>Phase</u>	<u>Neutral</u>	<u>Ground</u>
Transformer	Service Meter	_____	_____	_____	_____
Service Meter	Fused Disconnect Switch	_____	_____	_____	_____
Fused Disconnect Switch	Control Panel	_____	_____	_____	_____

B.     Pump Motor Feeder

<u>From</u>	<u>To</u>	<u>Conduit Length, ft</u>	<u>Conductor Size, Gauge</u>	
			<u>Phase</u>	<u>Ground</u>
Control Panel	Wet Well Terminal Box	_____	_____	_____

C.     Pump Motor Cable lengths, phase conductor size:

<u>From</u>	<u>To</u>	<u>Conduit Length, ft</u>	<u>Conductor Size, Gauge Phase</u>
Wet Well Terminal Box	Pump Motors	_____	_____