
From: Scott Purvis <spurvis@rcmutilities.com>
Sent: Wednesday, February 28, 2024 10:35:58 AM
To: Jason Furman <jfurman@greencovesprings.com>
Cc: Chris Creech <chris@rcmutilities.com>; Clayton Ruff <cruff@rcmutilities.com>; Melissa Moss <melissa@rcmutilities.com>
Subject: Green Cove Springs Lift Stations 315, 316, & 326

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Jason, I have put together some wet well piping material options for you and your staff to review for the lift station rehabs.

I have also attached some information on the HDPE pipe and fittings.

The DI Pipe option includes epoxy painted after installation, P401 epoxy lined ductile iron pipe with stainless steel hardware, from the base ells to outside the wet well.

The HDPE Pipe option includes HDPE fusion welded pipe and fittings with stainless steel hardware and stainless-steel pipe supports, from the base ells to outside the wet well.

The SCH 40 SS Pipe option includes Type 316, SCH 40 Stainless Steel welded pipe and fittings with stainless steel hardware and stainless-steel pipe supports, from the base ells to outside the wet well.

The SCH 10 SS Pipe option includes Type 316, SCH 10 Stainless Steel welded pipe and fittings with stainless steel hardware and stainless-steel pipe supports, from the base ells to outside the wet well.

All the wet well pipe options include the requested above ground pipe and valves replacement with epoxy painted ductile iron pipe and fitting with stainless steel hardware.

Scope of Work for Lift Station 326

Owner to provide full bypass pump, hose, and fitting system.

Demo existing temporary 3" PVC Valves & Discharge Piping

Coat Wet Well & Terminal Manhole with SewperCoat, Calcium/Aluminate Mortar

Install new ½" stainless steel base plates with SS hardware.

Install new 4" Flygt Base ells.

Install 4 new SCH 40, Type 316, 2" Guide Rails with new top rail bracket.

Install new 4" Risers from the base ell to the first 90 out of the wet well where the green discharge piping starts.

Install a new 4" , slurry down pipe for emergency vacuuming.

Demo pipe and fittings in the existing valve vault and fill with flowable concrete.

Install new 4" P401 lined, ductile iron pipe and fittings for an above ground valve system Lift Station Standard plan sheet.

Install 2-new Stainless-Steel Diaphragm and pressure gauges on the above ground piping.

Install new 4" P401 lined, ductile iron pipe, fittings and brass cam-loc fittings for a wet well vacuum slurry system.

Install underground new 4" P401 lined, ductile iron pipe, fittings, and valves for an emergency pump off connection with brass cam-loc fittings.

Install a new 4" isolation valve between the emergency pump off connection and the above ground valve system to allow servicing of the above ground check and plug valves.

Install new stainless steel Float hanger .

DI Price \$113,580.00

HDPE Price \$100,770.00

SCH 40 SS Price \$99,200.00

SCH 10 SS Price \$97,900.00

Please take a moment and review these options, I'll be glad to prepare formal proposals to send to you.

Please feel free to call, text, or email me anytime.

Thanks,



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