

5.02 LIFT STATION DESIGN CRITERIA FORM

Romtec Utilities has designed this Scope of Supply and Design Submittal based on the following information:

Design Criteria Date: 8/6/2014

PART 1: PROJECT CONTACT INFORMATION

Information here in provided by: Delta Pipeline, Inc.

Company/Agency Type: Other Engineer Developer Gov't. Agency Other

First Name: Jeremy

Last Name: Hynum

Title: _____

Email Address: jeremy@deltapipeline.net

Address: _____

City: _____

State/Province: _____ Zip Code: _____

Country: USA

Telephone: 562-493-0227 Phone Ext: _____

Mobile/Other Phone: _____ Fax: _____

Project Name: Shea Center

Your Client for this project is: Private Co. Public Agency Private Co.

Project Type: Stormwater Wastewater Stormwater Other

Project City: Huntington Beach, California Project Zip: _____

Project Engineer: Jeremy Hynum

Reviewing Entity who reviews/approves this Scope of Supply & Design Submittal: _____

Final Project Owner and/or Operator: _____

Governing Sewer or Water Authority: _____

Does Authority have a lift station standard? SELECT ONE Yes No N/A

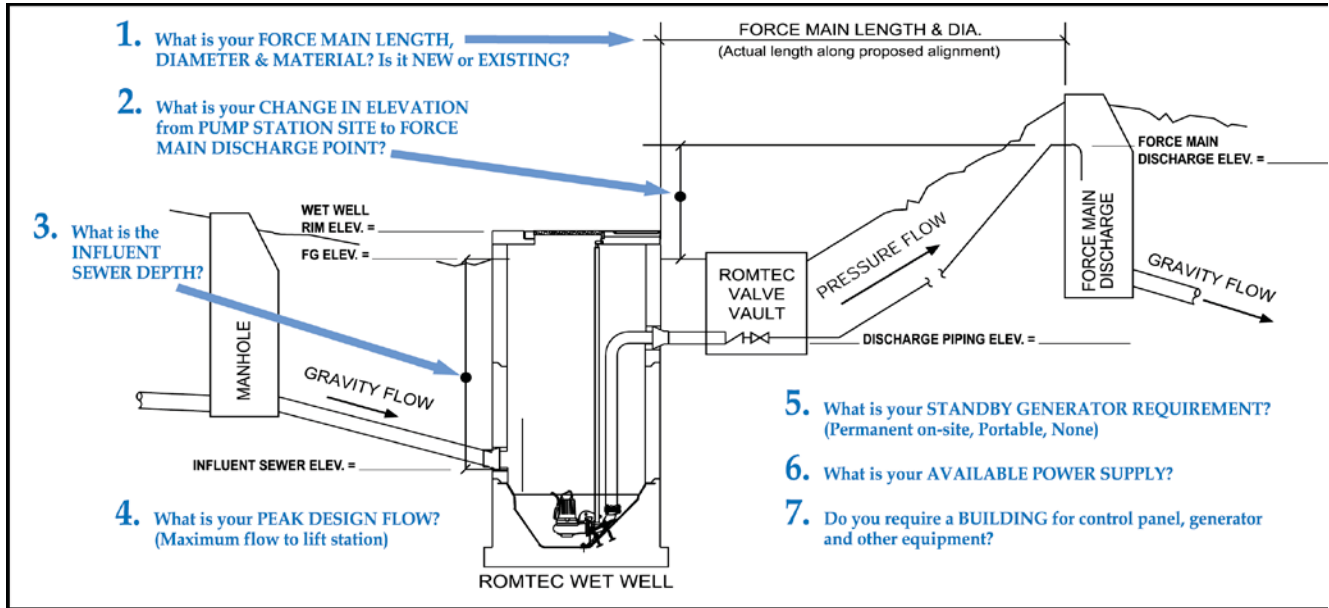
Who should Romtec contact about the lift station design standard? _____

What is the Expected Project Bid Date? _____ Project Completion Date: _____

5.02 LIFT STATION DESIGN CRITERIA FORM

PART 2: DESIGN DATA

If using assumed elevations, note this in Additional Information.



1. Force main length:	_____ ? _____	ft. (actual length along proposed alignment)
Force main diameter (inside):	_____ ? _____	in. inside dia.
Force main material (i.e., PVC C-900 class 150, ductile iron class 52, HDPE DR17 class 100, etc.):	_____ ? _____	
Force Main is:	<input style="border: 2px solid black; width: 100px; height: 20px;" type="checkbox"/>	<input type="checkbox"/> <u>New</u> <input type="checkbox"/> <u>Existing</u>
Source of Water:	_____ ? _____	
2. Elevation change from lift station site to force main discharge point:	_____ ? _____	ft.
Finish grade elevation at wet well:	_____ 35.73 _____	ft.
Final discharge piping elevation out of Valve Vault:	_____ 30.53 _____	ft.
Force main discharge elevation:	_____ 30.6 _____	ft.
3. Influent sewer elevation:	_____ 16.89 _____	ft. for 24" HDPE
4. Peak design inflow (maximum flow to lift station):	_____ 21.36 _____	ft. for 12" PVC
	_____ 1800 _____	gpm @ 28.19 ft TDH per pump (3600 gpm total)
	_____ 100 _____	gpm @ 19.1 ft TDH For Jockey Pump
5. Is this lift station considered a classified space?	<input style="border: 2px solid black; width: 100px; height: 20px;" type="checkbox"/> <u>No</u>	<input type="checkbox"/> <u>Yes</u> <input type="checkbox"/> <u>No</u>
6. Standby generator requirement:	<input style="border: 2px solid black; width: 100px; height: 20px;" type="checkbox"/> <u>None</u>	<input type="checkbox"/> <u>Permanent</u> <input type="checkbox"/> <u>Portable</u> <input type="checkbox"/> <u>None</u> <input type="checkbox"/> <u>Don't Know</u>
Standby generator fuel:	<input style="border: 2px solid black; width: 100px; height: 20px;" type="checkbox"/>	<input type="checkbox"/> <u>Diesel</u> <input type="checkbox"/> <u>Natural Gas</u> <input type="checkbox"/> <u>Propane</u>
7. Available power supply:	<input style="border: 2px solid black; width: 100px; height: 20px;" type="checkbox"/> <u>480V</u>	<input type="checkbox"/> <u>208V</u> <input type="checkbox"/> <u>240V</u> <input type="checkbox"/> <u>480V</u>
	<input style="border: 2px solid black; width: 100px; height: 20px;" type="checkbox"/> <u>3-phase</u>	<input type="checkbox"/> <u>Single-phase</u> <input type="checkbox"/> <u>3-phase</u>
Additional loads on site (besides the lift station) to be powered by generator:	_____ KVA	