

1.02 DESIGN CRITERIA

Romtec Utilities has created this SSDS based solely on the design criteria listed below that the customer and/or customer's representative has provided. It is the responsibility of the customer as well as any other reviewing entities, to verify that the stated design criteria is accurate. Romtec Utilities has not verified the design criteria and does not have responsibility for confirming its accuracy.

Project Name:	City of Lemoore Tract No. 920
Design information provided by:	Zumwalt & Associates
Source of Water:	Residential Development
Water Type:	Wastewater
Final Owner/Operator:	City of Lemoore
CAD site plan available at this time?	Yes
Does this project require "Buy America" materials?	No
Influent sewer elevation into wet well:	212.51
Force Main is (new/existing):	New
Force main length (ft.):	40
Elevation at end of force main (ft.):	219.49 (High Point = 223.82')
Force main inside diameter (in.):	6
Force main pipe material:	PVC CR900 DR18
Peak design inflow into lift station (g.p.m.):	420 (Full build-out inflow)
System Total Dynamic Head (ft.):	17.2
Pumping Rate (g.p.m.):	309 (single pump running)
Pumping rate as compared to peak inflow is (less than/equal/greater:	Less than
Power Supply Voltage:	240V
Power Supply Phase:	Three-Phase
Is the lift station a classified space thus requiring the pumps to be explosion proof?	Yes