



## Comment Log

Project Name:

Project Location:

Water Type:

**Received  
Planning Division  
1/31/2022**

Preliminary Design Date: 1/7/22				Comments Recieved: 1/5/22	Romtec Response: 1/12/22
1	Mike Towle, DOWL	1/5/2022	General	We had a meeting with the City this afternoon to discuss their initial review of the pump package as it relates to the groundwater and flood event pumping.	Noted.
2	Mike Towle, DOWL	1/5/2022	General	The city asked for some further clarification on how the pumps will function with regards to the following:	Noted. Romtec will review and responded below.
3	Mike Towle, DOWL	1/5/2022	Pumps	How will the groundwater pump be backed up?	<p><i>Note : Romtec Utilities is proposing a design that incorporates two identical pumps, not a separate smaller groundwater pump and a larger primary pump.</i></p> <p><i>Note : The two redundant pumps in the Romtec Utilities design are both and separately capable of handling the specified groundwater flows. As designed, the pumps will alternate operation after every pumping cycle so that the pumps will endure appoximately equal wear, extending the overall amount of time before the pumps will require serious maintenance.</i></p> <p><i>Note : Both pumps operating simultaneously would provide the full primary pumping rate when needed.</i></p>
4	Mike Towle, DOWL	1/5/2022	Pumps	Can the main flood storage pump be used as a backup in the event the smaller pump fails?	See response to comment #3 above.
5	Mike Towle, DOWL	1/5/2022	Pumps	What types of pumps are being used in order to mitigate the issue of solids and sediments plugging these pumps?	<p><i>Note : The proposed pumps are submersible solids handling pumps designed to pump a reasonably high amount of sediment and solids content. In Romtec Utilities experience, long, stringy solids, such as rags and ropes are typically of greater concern than sediment or other solids, as they can occassionally become tangled in the pump impeller and partially block the flow.</i></p> <p><i>Note : In order to mitigate the intrusion of long, stringy solids into the wet well, Romtec Utilities recommends that the system incorporate intake structures with screens to be installed at the intake points.</i></p>
6	Mike Towle, DOWL	1/5/2022	Pumps	I understand that these will be able to handle a sediment load, however, the city is looking for a bit more clarification on exactly how that will be handled to ensure they maintain functionality.	See response to comment #5 above.