

Taloyoak Sewage Lagoon: a series of two natural Lake connected with a partition of lower elevation.



Picture1: Taloyoak Sewage Lagoon System (natural lake lagoon)

- Primary cell (1st one) receives raw sewage and retains for full winter until summer melting
- Secondary cell receives melted sewage effluent during summer and fall at one end and allows slow outfall onto wetland connected at the other end. It helps in making room and receiving raw sewage at the primary cell during summer time.
- Average retention time of raw sewage in primary cell remains one year.
- No decanting system in the lagoon series and it does not require so far.



Picture 2: Taloyoak Sewage Lagoon. Secondary cell connected to a natural wetland for summer remediation of effluent.



Picture 3: Shallow channel on wetland for effluent flow onto Ocean- sampling at the Final Discharge point for effluent test



Picture4: Sewage effluent outfall from secondary cell (lagoon) onto wetland; 1st sampling point.