

Bill Boucher - Nitrate final report status

From: Timothy Cleath <timothycleath@sbcglobal.net>
To: Bill Boucher <bboucher@morro-bay.ca.us>
Date: 12/7/2007 1:49 PM
Subject: Nitrate final report status

Bill,

Have had some problems creating the pdf, so the final will go out early next week...

On the bright side, FYI here's a new paragraph that I put in the report to incorporate Dylan's reference. I think it's pertinent.

Despite a hydraulic potential for exfiltration along Main Street when the City well field is pumping, gravity sewer leaks quickly become plugged by sewer film and settleable solids in the sewage, theoretically reaching steady-state leakage rates in approximately one hour. A research study conducted at several locations in Germany, where sewer systems are generally older and in poor condition, showed that when system pressure heads are below the sewer pipe crown (typical for gravity sewers) exfiltration rates were minimal (Amick and Burgess, 2000).

- Spencer