

**GRAY WATER DISTRICT  
SPECIAL TRUSTEES' MEETING  
MDOT Office 51 Pleasant Hill Rd  
Scarborough, ME 04074  
November 2<sup>nd</sup>, 2017**

Present: GWD: Bruce Sawyer, Steve Dunn, Andrew Edson, Mike Lessard and Superintendent Jim Foster. Sevee & Maher Engineers (SME): Bruce Fowler. MDOT: Dwight Doughty, Tim Cusick, Doug Carlson, Brian Burne. Meeting commenced at approximately 5:10 pm.

This meeting was scheduled because testing on wells along the Route 26A bypass has exceeded thresholds for sodium. Per a Memorandum of Understanding (MOU) made back in 2008, MDOT has agreed to facilitate a meeting with GWD and other interested parties to discuss whether or not the use of salt by MDOT to treat roads in the winter is a factor.

Dwight Doughty of MDOT stated that he believes that trends of increased sodium in 2 of the 3 MDOT monitoring wells are not due to anti icing activities by MDOT and that GWD should be looking at what other activities may be contributing to the increase of sodium. Trustees and representatives of MDOT discussed at length the details of how roads are treated by MDOT in winter. They explained that they no longer pretreat roads, that they use a mixture of salt with other things that helps it stay on the road rather than bounce off into the shoulder, and that the lower the temps the more salt and other anti-icing agents they have to use to get the same anti icing results.

Bruce Fowler of SME spoke about how the flows of our particular system are complicated. He doesn't have enough data to say, with any certainty, where the sodium chloride is coming from. He requested additional testing information from GWD in electronic form and everything MDOT has as well so we can get all test results plotted on one map and see if a cause of the trend of increased sodium becomes more clear. It was also discussed that additional wells may have to be installed to gather more data.

A meeting with all concerned parties will be scheduled after the work to combine all data is completed.

Meeting adjourned at 5:00 pm

Respectfully submitted,

Sudiek Lester