



MEMORANDUM

TO: Planning Director, Planning

FROM: Michael Sprague, Engineering

DATE: January 29, 2021

SUBJECT: 9 Keeler Farm Way Comments

The engineering division has reviewed the Site Plans at 9 Keeler Farm Way. We submit the following;

Stormwater Comments:

- Leaching basins and other infiltration should be kept 10 ft from all foundations. Please ensure this minimum is applied to 9 Keeler Farm Way and neighbors' structures.
- There seems to be a significant increase in the peak discharge rates for Design point 1 in the summary table. I believe these are not the discharge rates. Please update these to reflect the correct amounts in the HydroCAD report.
- The leaching basins and infiltration systems will need some kind of large equipment to be able to clean the structures. With the proposed landscaping it does not seem that such equipment will be able to access those structures. Please elaborate on how they will be maintained and accessed.
- Without test pits there is no determination of ESHGW. There should be a 2 ft separation between infiltration and the bottom of the structures. If the contractor finds the water table is within 2 feet of the proposed bottom of structures then they will have to be redesigned to maintain that separation.