



V. A. WOOD ASSOCIATES LIMITED

CONSULTING GEOTECHNICAL ENGINEERS

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February 8, 2017

*Edenoak (Creditview Heights) Inc.
1443 Hurontario Street
Mississauga, ON
L5G 3H5*

**RE: *Ref. No. 2900-17-2
Proposed Subdivision
Glen Williams
Town of Halton Hills, Ontario***

Dear Sirs:

We have visited the site of the five domestic wells on Chelton Street and the four wells on Wildwood Road and determined the co-ordinate for each of the wells. We also obtained the MOECC Well Tag where possible. This data is attached and is summarised as follows.

The five wells on Chelton are 30 inches diameter with a depth of 7.9 to 10.4 metres. The water depth was 4.1 to 5.3 m which corresponds to Elev 251.6 to 253.6 m.

The well at 30 Wildwood is a 150 mm diameter drilled well, 41 m deep with a water level at a depth of 21.3 m.

The well at 34 Wildwood is 10 m deep with a water level at a depth of 4.3 m (Elev 251.3 m).

The well at 36 Wildwood was also a 30 inch diameter dug well but it was 19.2 m deep with a water level at a depth of 15.5 m (Elev 234.7 m).

There was no response at 32 Wildwood. It is noted that the ground elevation at 30 Wildwood and 36 Wildwood was about 5 m lower than the other two well locations.

The invert elevation of the sanitary sewer between MH 8A and MH 23A will be between 258 and 257 and BHI and monitoring wells 101 and 104 indicated that the water table will be at about Elev 257 m.

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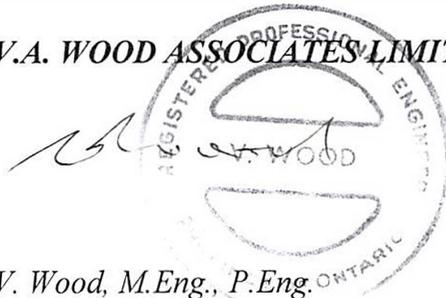
Based on this data, any dewatering of the sewer trench will be minimal. In addition, since this section of sewer trench is at least 250 m from the wells on Chelton and Wildwood, we consider that the construction will have no detrimental effect on the wells.

The construction will not have any negative effects on septic fields in the area.

Should you have any questions or concerns regarding this letter please do not hesitate to contact this office.

Yours very truly,

V.A. WOOD ASSOCIATES LIMITED



The image shows a handwritten signature in black ink that reads "V. Wood". To the right of the signature is a circular professional engineer's stamp. The stamp contains the text "REGISTERED PROFESSIONAL ENGINEER" around the top edge and "V.A. WOOD" in the center. The word "ONTARIO" is visible at the bottom of the stamp.

V. Wood, M.Eng., P.Eng.

VW/jt

Ref# 2900 Georgetown Water Levels and Locations

1 Chelton – Bill – Anytime – Call Ahead – Cell: 647-282-7702 Home: 905-877-8321

- Between 9am and 3pm anyday
- Coordinates
 - $X = 586.272 \text{ km}$ MOECC Well Tag #2804125
 - $Y = 4834.998 \text{ km}$ Well Depth 10.36 m Static Level 3.66 m
 - Zone = 17 T North Well Diameter 30"
- Elevation = 255.2 m
- Geodetic Water Level: 251.54 m
- **Feb 7, 2017** – Called, rang door bell multiple times – no response

2 Chelton – Expecting Phone Call – No Response

- Coordinates
 - $X = 586.203 \text{ km}$ MOECC Well Tag #2805269
 - $Y = 4834.992 \text{ km}$ Well Depth 9.75 m Static Level 2.13 m
 - Zone = 17 T North Well Diameter 30"
- Elevation = 258.72 m
- Geodetic Water Level = 256.59
- **Feb 7, 2017** – WL = 16.8 ft from surface – 2 ft of well above surface = 14.8 ft = 4.51 m

3 Chelton – Anytime, e-mail ahead.

- Resident provided myself with water levels when he called
- WL = 16.8 ft = 5.12 m
- Total Well Depth = 29 ft = 8.84 m
- silvercreekfinefoods@gmail.com
- Coordinates
 - $X = 586.298 \text{ km}$
 - $Y = 4834.984 \text{ km}$
 - Zone = 17 T North Well Diameter 30"
- Elevation = 256.89 m
- Geodetic Water Level Reading Feb 7, 2017 = 252.23 m
- **Feb 7, 2017** – WL = 17.3 ft from surface – 2 ft of well above surface = 15.3 ft = 4.66 m

4 Chelton – Expecting Phone Call – No Response

- Coordinates
 - $X = 586.242 \text{ km}$
 - $Y = 4834.949 \text{ km}$
 - Zone = 17 T North Well Diameter 30"
- Elevation = 259.33 m
- **Feb 7, 2017** – WL = 13.4 ft from surface – 2 ft above surface = 11.4 ft = 3.47 m
- Total Well Depth = 25.4 ft = 7.74 m

5 Chelton

- Would like another reading

- *MOECC Well Tag #2804055*
- *Well Depth 7.92 m Static Level 3.66 m*
- *Well Diameter 30"*
- *WL = 15 ft from surface – 3 ft above surface = 12 ft = 3.66 m*
- **Feb 7, 2017** – *WL = 13.7 ft from surface – 3 ft of well above surface = 10.7 ft = 3.26 m*
- *Coordinates*
 - *X = 586.349 km*
 - *Y = 4834.973 km*
 - *Zone = 17 T North*
 - *MGRS = 17T NJ 86349 34973*
 - *Elevation = 257.1 m*

30 Wildwood – *resident maintains that she has a drilled well that is buried – no access, looking to move to town water anyway.*

- *Coordinates*
 - *X = 586.430 km* *MOECC Well Tag #2801396*
 - *Y = 4835.097 km* *Well Depth 40.84 m Static Level 21.34 m*
 - *Zone = 17 T North* *Well Diameter 6"*
- *Elevation = 250.5 m*

34 Wildwood – *given permission to go anytime and check the well*

- *Coordinates*
 - *X = 586.359 km* *MOECC Well Tag #2806122*
 - *Y = 4834.992 km* *Well Depth 9.75 m Static Level 3.96 m*
 - *Zone = 17 T North* *Well Diameter 30"*
- *Elevation = 255.57 m*
- **Feb 7, 2017** – *WL = 14.2 ft from surface – 3 ft of well above surface = 11.2 ft = 3.41 m*

36 Wildwood – *would like another reading*

- *WL = 54.7 inch from surface = 16.67 m*
- *Well Depth = ~ 60-70 ft*
- **Feb 7, 2017** – *no response*
- *Coordinates*
 - *X = 586.348 km* *MOECC Well Tag #2804001*
 - *Y = 4835.072 km* *Well Depth 19.2 m Static Level 15.54 m*
 - *Zone = 17 T North* *Well Diameter 30"*
 - *Elevation = 250.30 m*

32 Wildwood – *no answer, left letter and business card*

- *Coordinates*
 - *X = 586.414 km*
 - *Y = 4835.055 km*
 - *Zone = 17 T North*
- *Elevation = 253.82 m*



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Google Earth

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