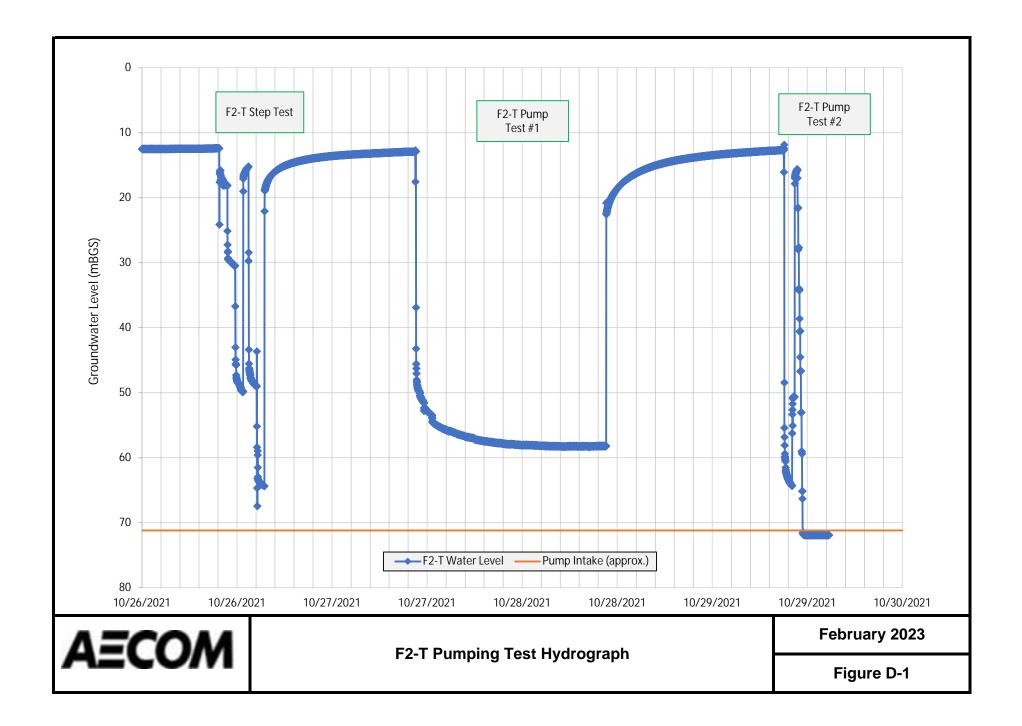
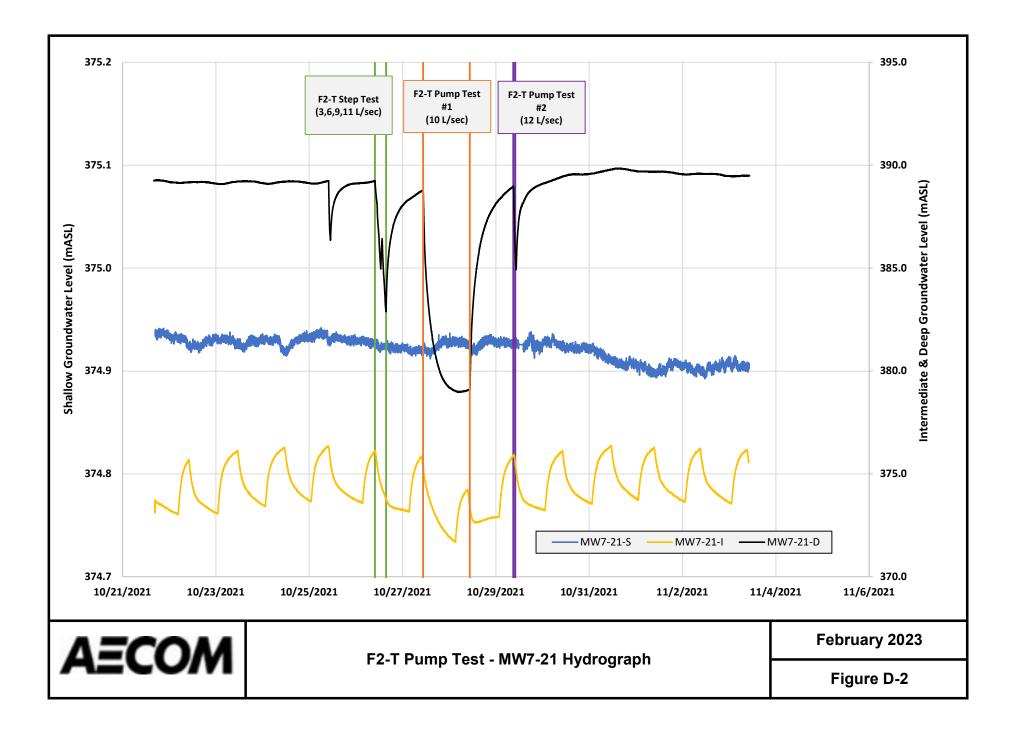


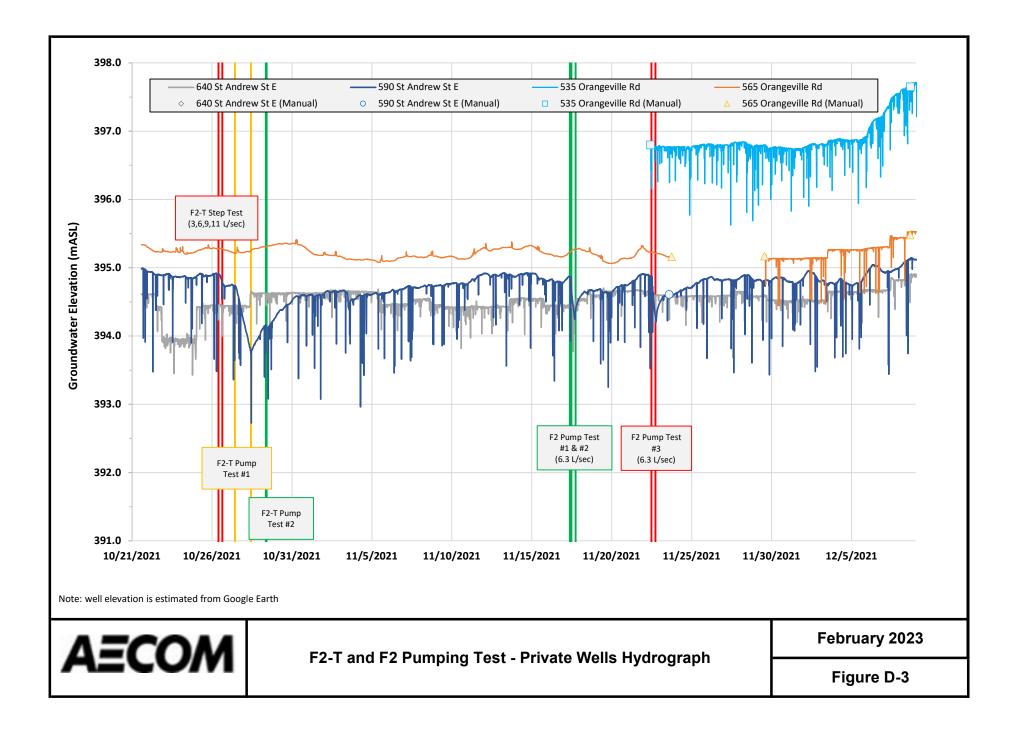
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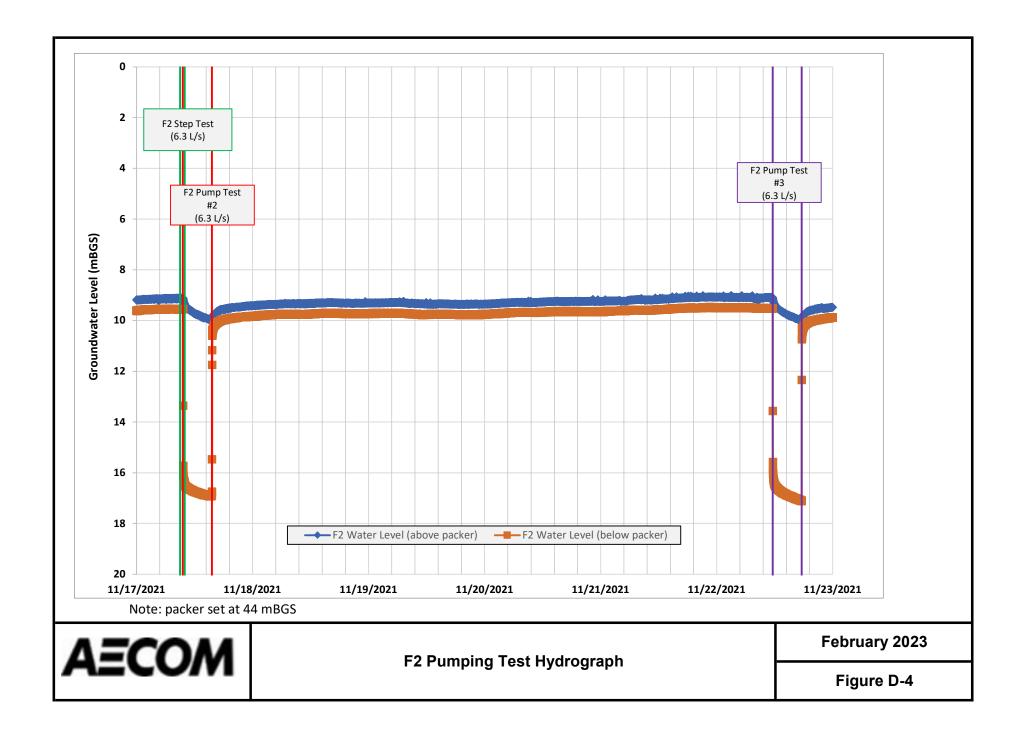
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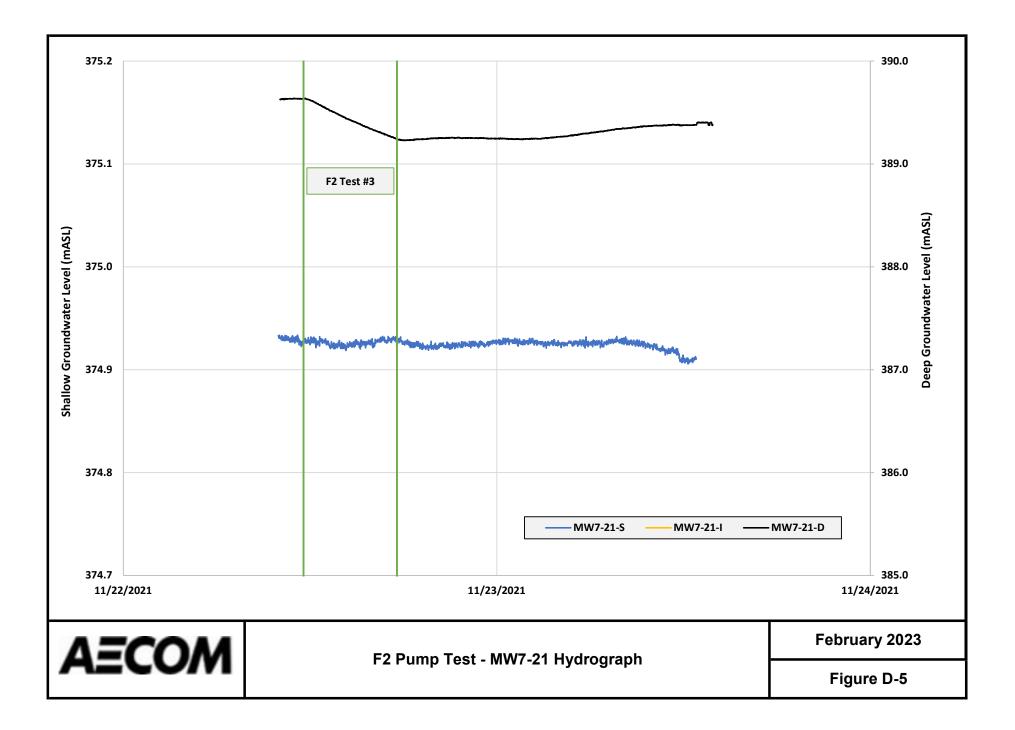
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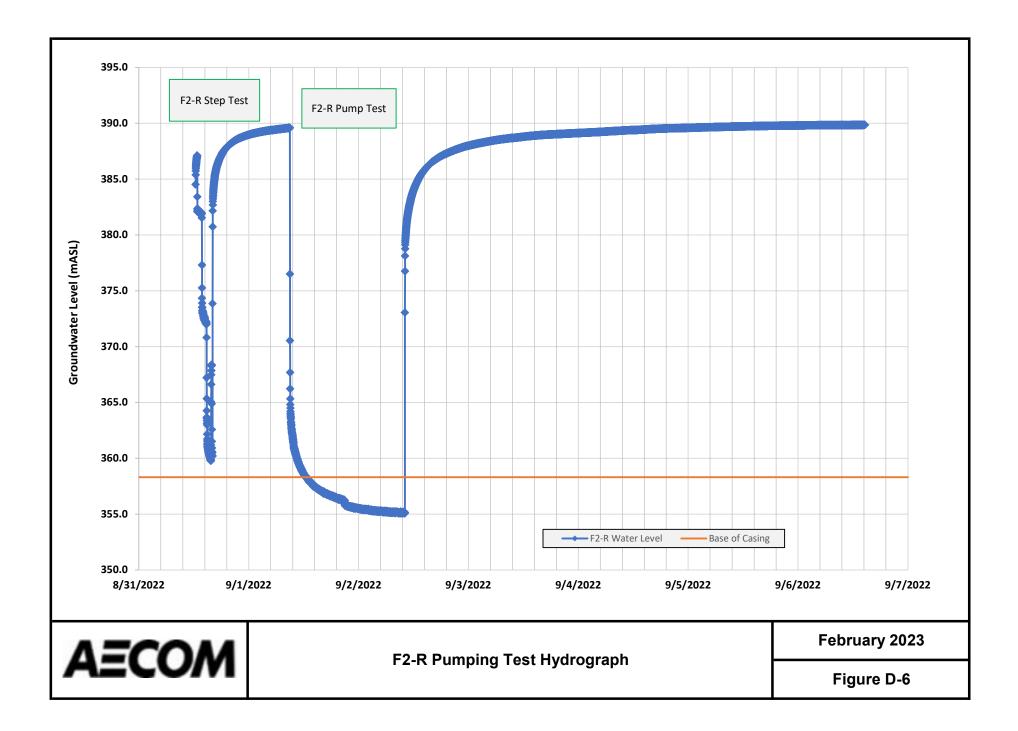


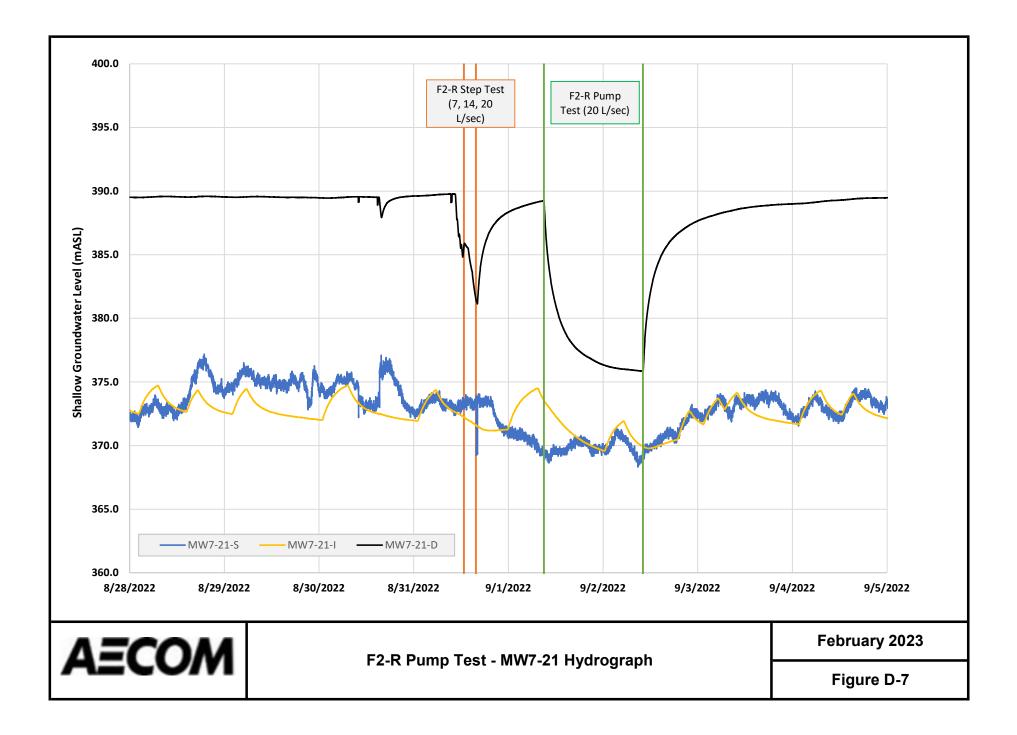


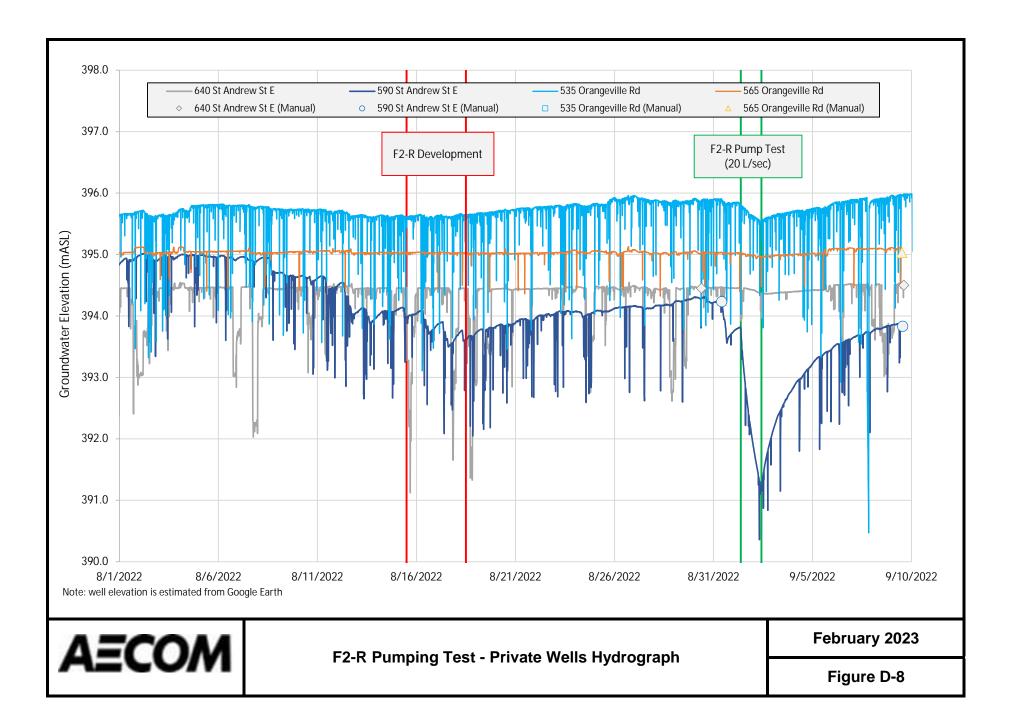


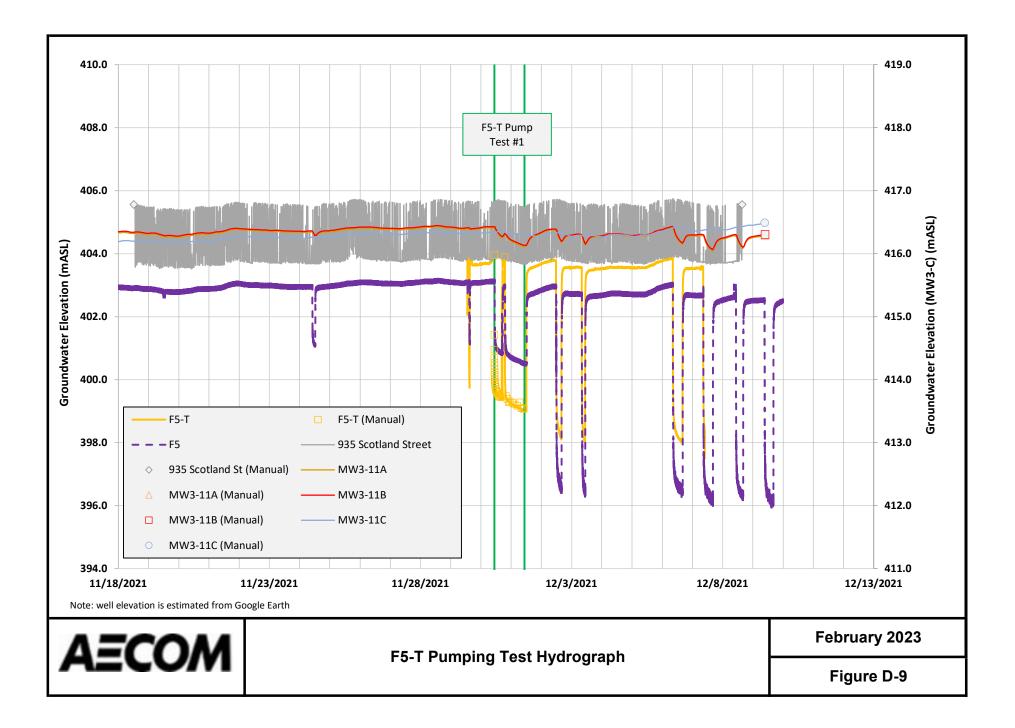


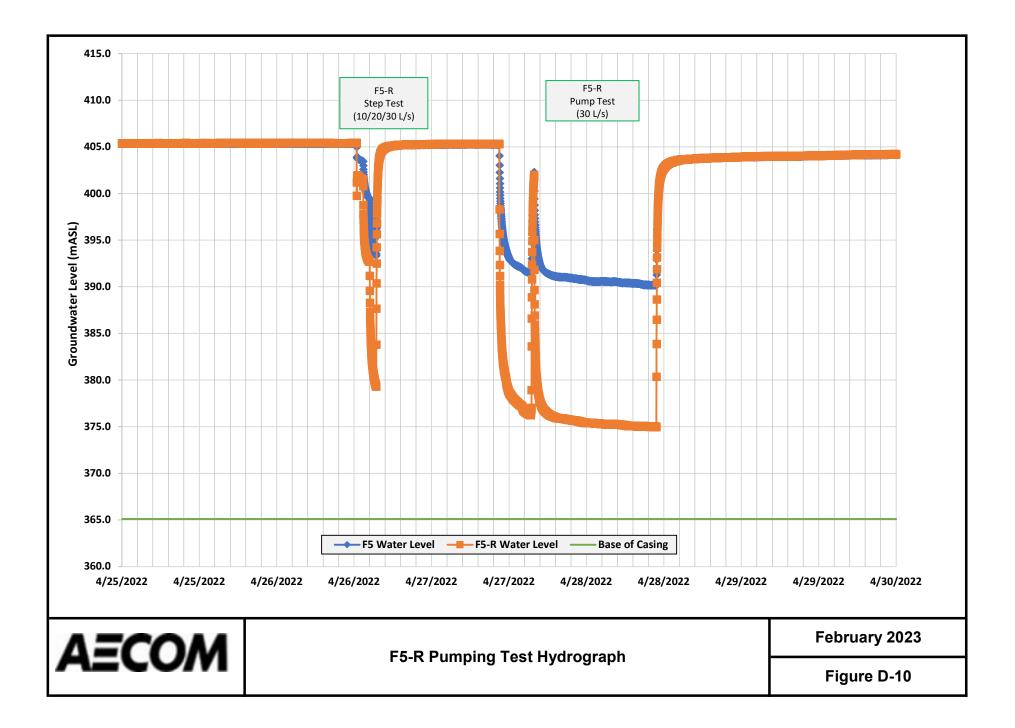


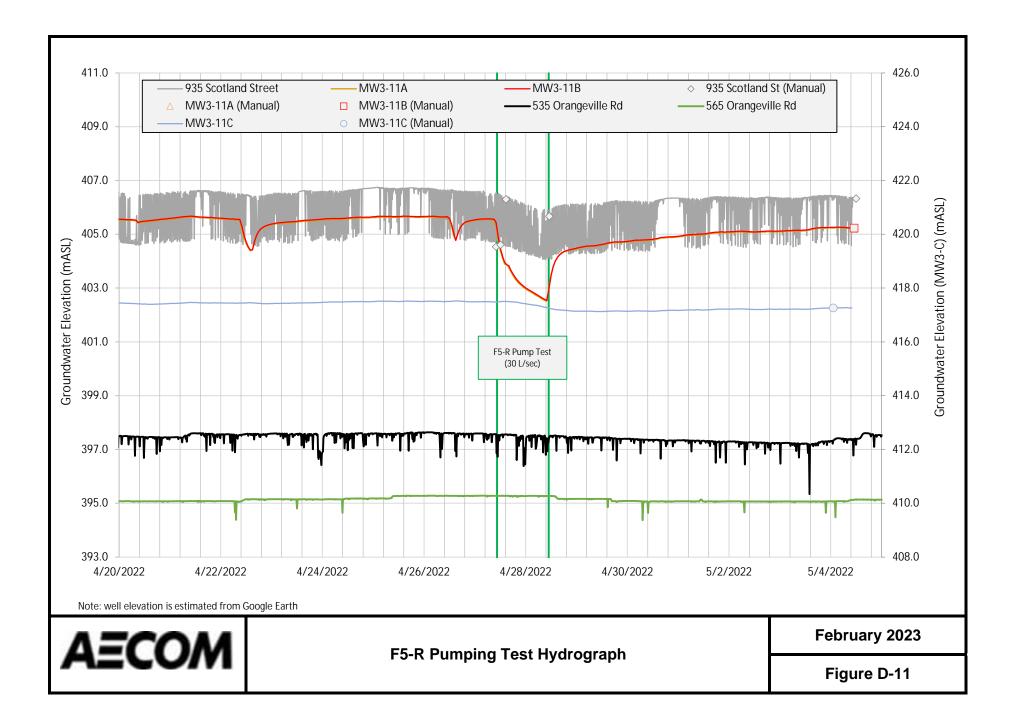








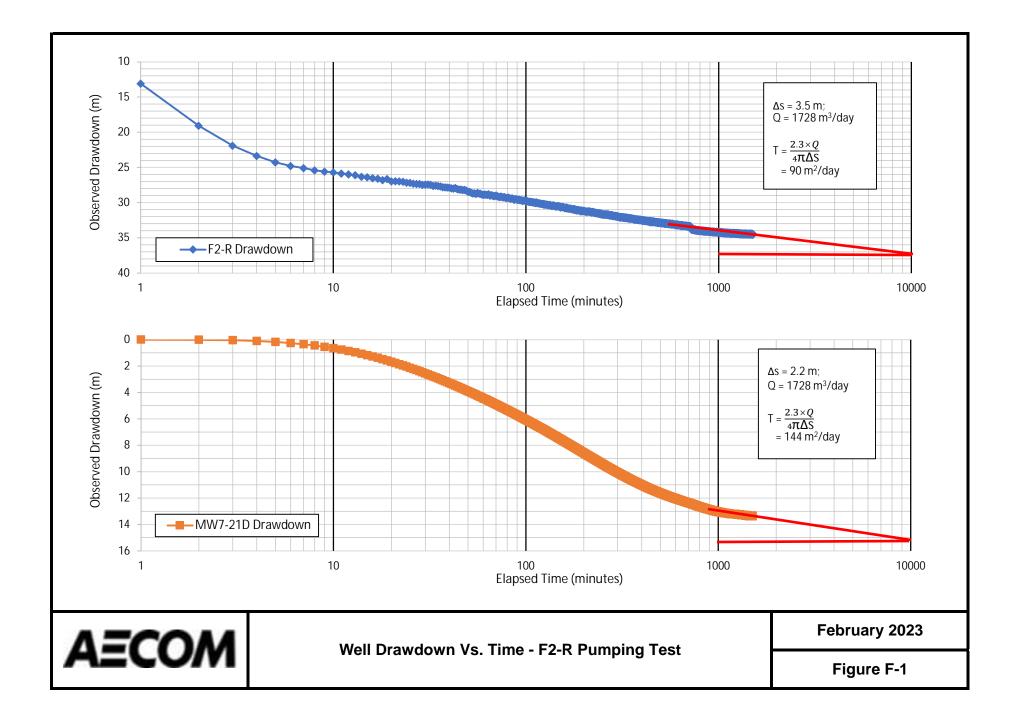


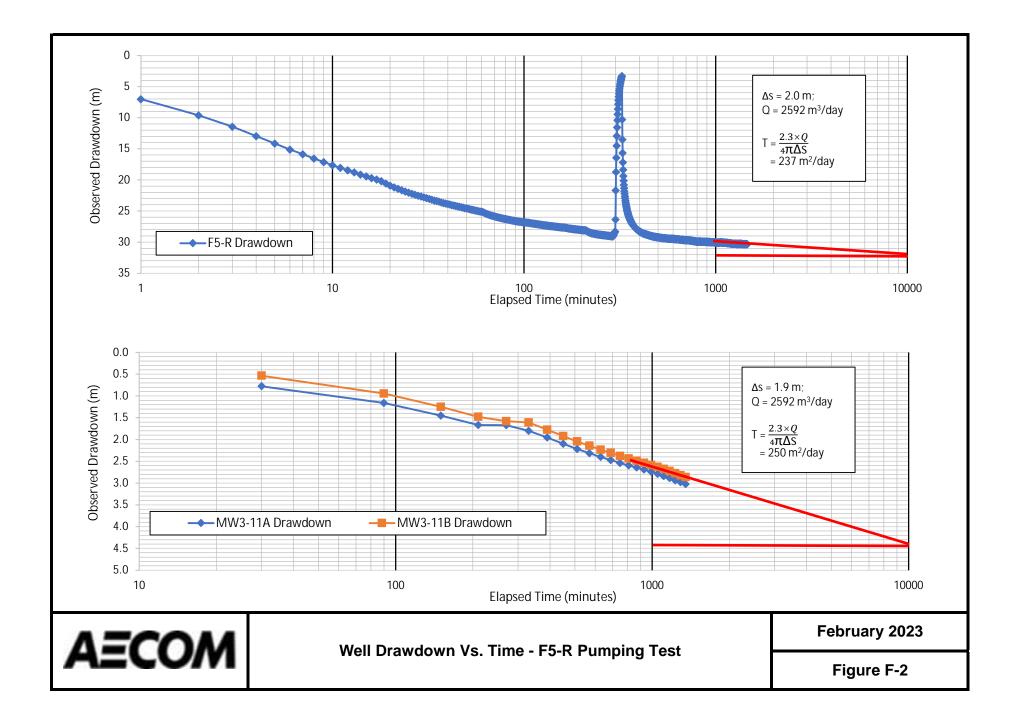




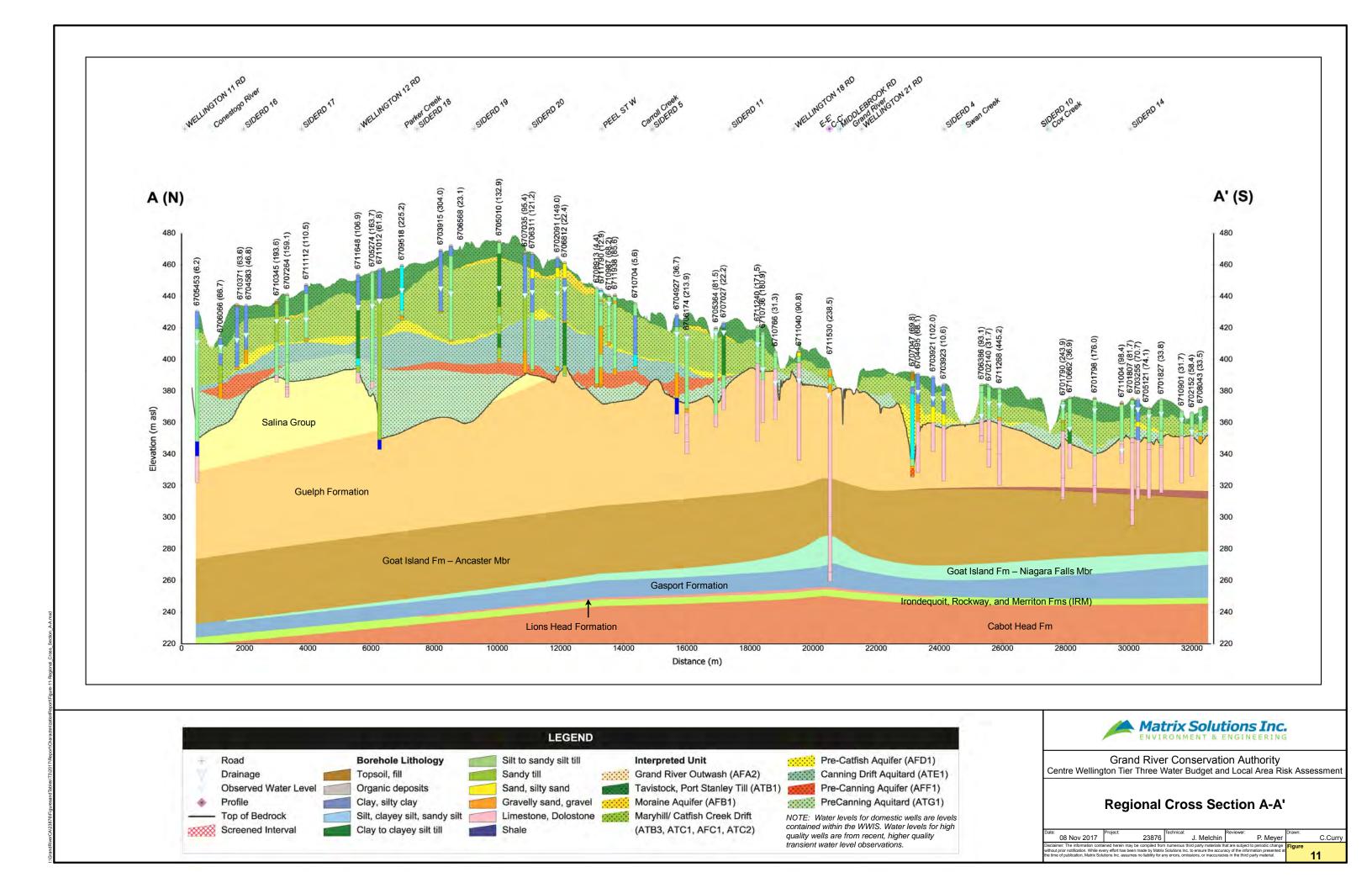
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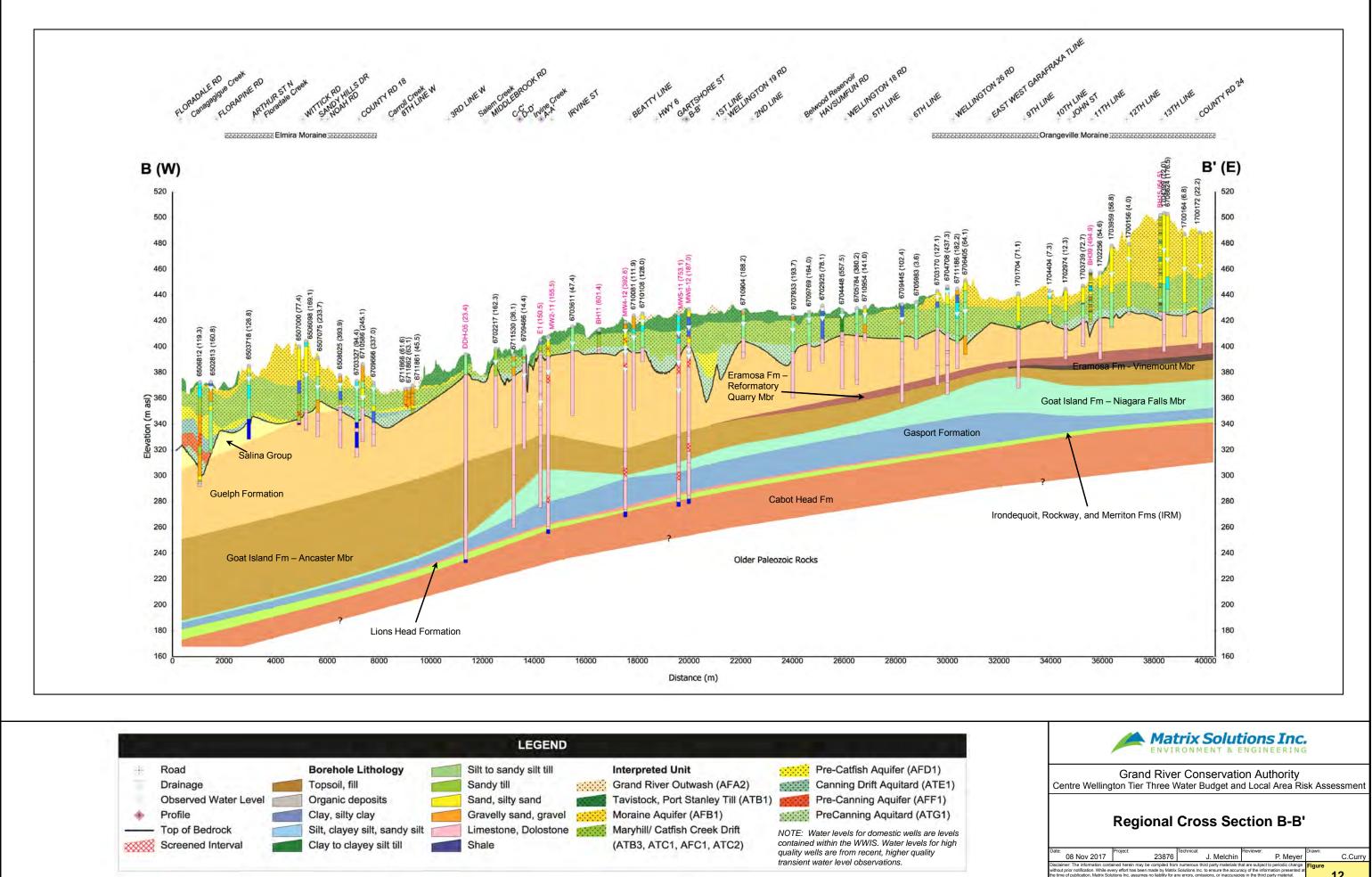
Transmissivity Estimates



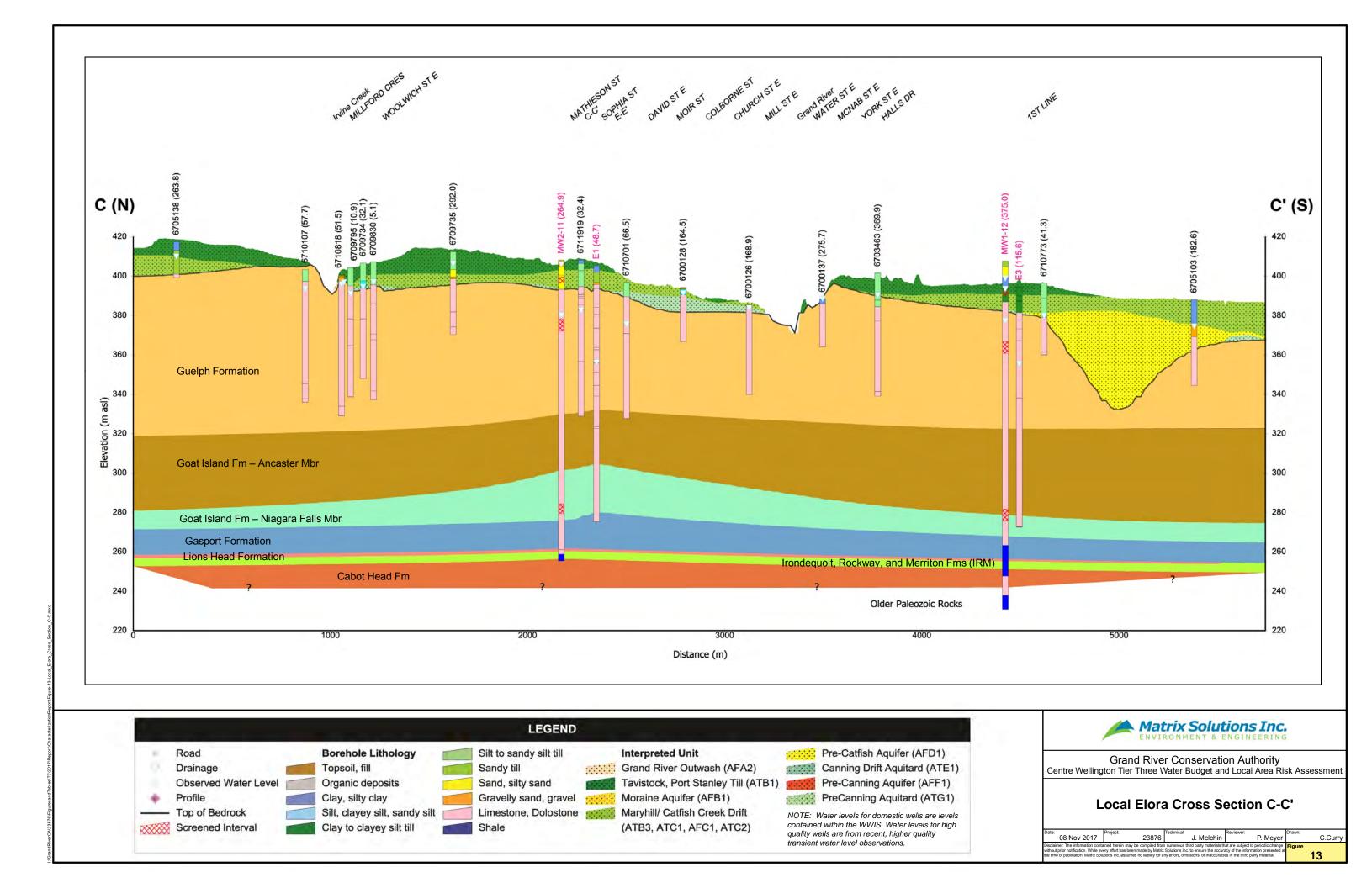


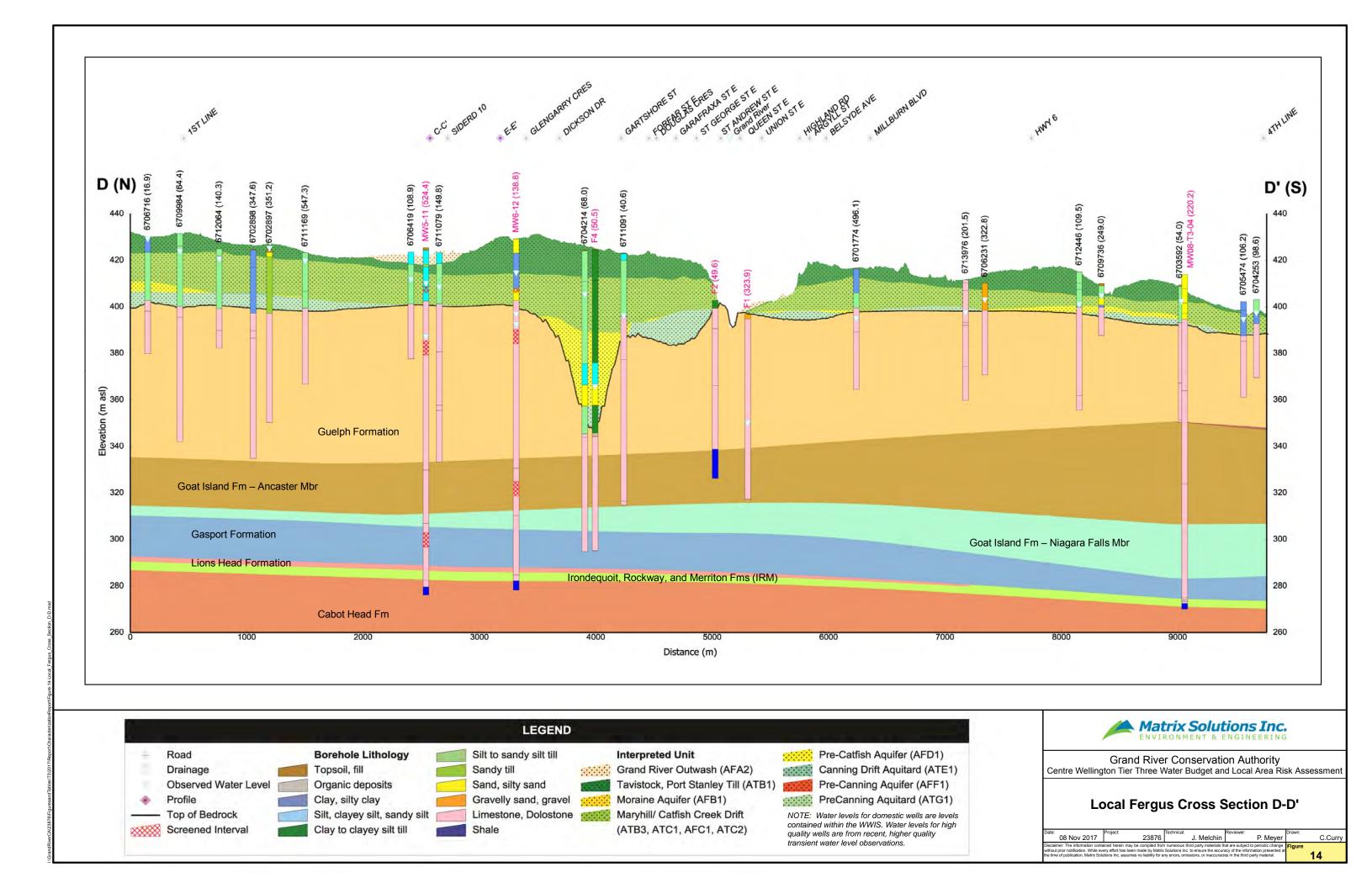
Appendix B. Tier 3 Regional Cross-Sections

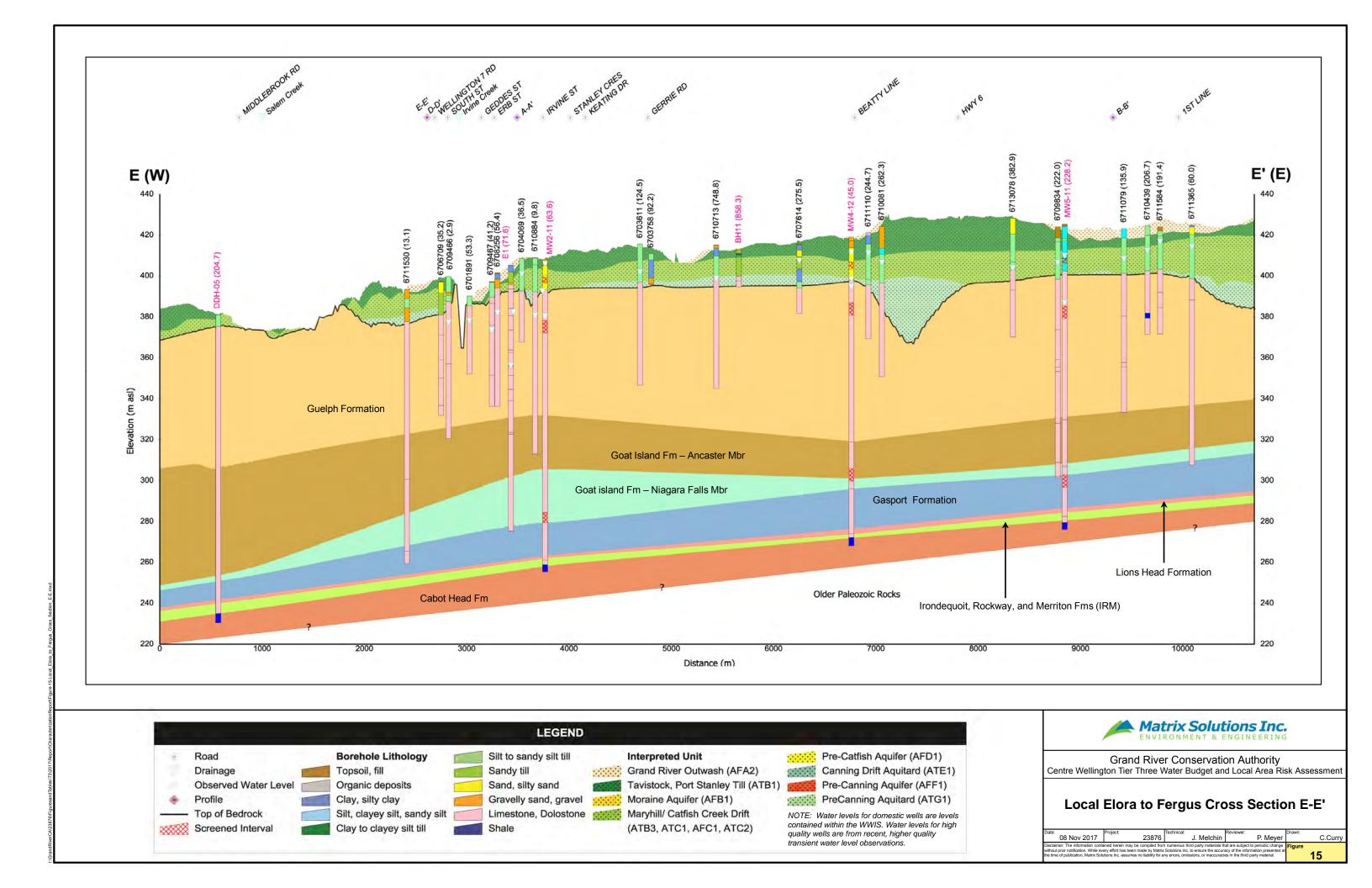




| _ | | | | | |
|---|-------------------------------------|--|---------------------------------------|-----------------------------------|--------|
| D | Date: | Project: | Technical: | Reviewer: | Drawn: |
| L | 08 Nov 2017 | 23876 | | | |
| | Disclaimer: The information conta | ained herein may be compiled from | n numerous third party materials th | at are subject to periodic change | Figure |
| | | | Solutions Inc. to ensure the accurate | | 10 |
| U | te time of publication, Matrix Solu | itions inc. assumes no liability for a | ny errors, omissions, or inaccuraci | es in the third party material. | 12 |







Appendix C. Private Well Notification Letters and Invitations to Monitoring Program

C.1 Notification Letter Provided to the Private Well Monitoring Program Participants Retained from the F2 & F5 Well Replacement Program



AECOM Canada Ltd. 50 Sportsworld Crossing Road, Suite 290 Kitchener, ON N2P 0A4 Canada

T: 519.650.5313 F: 519.650.3424 www.aecom.com

September 20, 2022

Project # 60692210

Dear Resident / Property Owner:

RE: Municipal Wellfield Capacity Assessment Private Water Well Survey

The Township of Centre Wellington (the 'Township') has retained AECOM Canada Ltd. (AECOM) to conduct capacity testing at the Township supply wells, located in Fergus and Elora, Ontario (the "Project"). Your property was included in a private well monitoring program associated with the replacement of the F2 and F5 Wells, conducted in 2021/2022. The Township would like to continue monitoring your supply well during the upcoming testing, scheduled to occur in October 2022. The equipment would be removed in November, following the completion of testing. If you do not want to participate in the monitoring program, please contact AECOM or the Township using the contact information below and we will arrange to remove the equipment that is currently installed in your well. Your continued participation in the monitoring program is strictly voluntary.

For information on well construction, maintenance and water quality, please refer to the *Well Aware Guide* created by Green Communities Canada in partnership with the Ontario Groundwater Association (OGWA). This guide can be obtained at <u>www.wellaware.ca</u>.

Thank you for taking the time to consider continued participation in this program. Should you have any questions about this request, please do not hesitate to the undersigned at (226) 821-4906, or via email to <u>Matthew.Alexander@aecom.com</u>.

Sincerely, **Matthew Alexander, M.Sc., P.Geo.** Manager, Hydrogeology AECOM M +1-226-821-4906 matthew.alexander@aecom.com

cc: **Ryan Maiden, P.Eng.** Water and Wastewater Capital Project Manager Township of Centre Wellington D +1-519-846-9691 x259 <u>RMaiden@centrewellington.ca</u>

C.2 Wellfield Capacity Assessment Monitoring Program Invitation Letter



AECOM Canada Ltd. 50 Sportsworld Crossing Road, Suite 290 Kitchener, ON N2P 0A4 Canada

T: 519.650.5313 F: 519.650.3424 www.aecom.com

September 20, 2022

Project # 60692210

Dear Resident / Property Owner:

RE: Municipal Wellfield Capacity Assessment Private Water Well Monitoring

The Township of Centre Wellington (the 'Township') has retained AECOM Canada Ltd. (AECOM) to conduct capacity testing at the Township water supply wells, located in Fergus and Elora, Ontario (the "Project"). As part of the Project, AECOM is undertaking a Water Well Survey to document current water well use in the area surrounding each municipal well property, prior to the outset of testing.

Your participation in the survey is strictly voluntary. Attached to this letter you will find a blank survey form. It would be greatly appreciated if you could please complete the survey to the best of your knowledge, and return it to AECOM either by letter mail using the provided self-addressed and stamped envelope, or electronically by email to <u>Matthew.Alexander@aecom.com</u>. Page 2 of the letter provides the option to have water levels in your well monitored by AECOM. Please fill out and sign this section if you would like to be included in the monitoring program. Should you have any questions, concerns, or require assistance filling out the survey form, please contact the undersigned at the telephone number and/or email address provided and we will be pleased to assist you.

To be included in the monitoring program, it is kindly requested that the completed form be returned, either by letter mail or e-mail, on or before September 30th, 2022.

For information on well construction, maintenance and water quality, please refer to the *Well Aware Guide* created by Green Communities Canada in partnership with the Ontario Groundwater Association (OGWA). This guide can be obtained at <u>www.wellaware.ca</u>.

Thank you for taking the time to consider participation in this program. Should you have any questions regarding the survey, please do not hesitate to the undersigned at (226) 821-4906, or via email to <u>Matthew.Alexander@aecom.com</u>.

Sincerely,

Matthew Alexander, M.Sc., P.Geo. Manager, Hydrogeology AECOM M +1-226-821-4906 matthew.alexander@aecom.com

cc: **Ryan Maiden, P.Eng.** Water and Wastewater Capital Project Manager Township of Centre Wellington D +1-519-846-9691 x259 <u>RMaiden@centrewellington.ca</u>

| | urvey | Well | #: | |
|---|--|---|----------------|--|
| | | MECI | P #: | |
| AECOM 290-50 Sportsworld Cros | sing Road, Kitchener, Ontario N2P 0A4 (519 |) 650-5313 | | |
| Vell Owner: | č | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| ate: | | Interviewed By: | | |
| ame of Original Well Owner: (if diffe | erent from above) | | | |
| Occupant of House S | Served by Well: (if other than ow | ner) | | |
| - | | | | |
| | | | | |
| uuress | | (nome). () | | |
| | | | | |
| Nell Location: | | | | |
| ot: (| Concession: | Township: | | |
| est Area: (to be completed by AECO | M Staff) | | | |
| Nell Construction D | | | | |
| Well Construction De | | | | |
| ate Constructed: | Stick Up: | Material: | | |
| | | | | |
| | | | | |
| Vell location in a well | Diameter: Well pit depth: | Stick up above | | |
| Vell location in a well it: | Well pit depth: | Stick up above bottom of pit: | | |
| Vell location in a well it:s Well flowing: | Well pit depth: Rate: | Stick up above bottom of pit: Contractor: | | |
| Vell location in a well it: s Well flowing: | Well pit depth: | Stick up above bottom of pit: | | |
| Vell location in a well it:s Well flowing: | Well pit depth: | Stick up above bottom of pit: Contractor: Is the wire conduit tight to the wall cap: | | |
| Vell location in a well it: | Well pit depth: Rate: Does the cap create a good seal: g? | Stick up above bottom of pit: Contractor: Is the wire conduit tight to the wall cap: or buried: | | |
| Vell location in a well pit: s Well flowing: Vell Cap Type: s well accessible for direct sampling | Well pit depth: Rate: Does the cap create a good seal: g? | Stick up above bottom of pit: Contractor: Is the wire conduit tight to the wall cap: | | |
| Vell location in a well pit: | Well pit depth: Rate: Does the cap create a good seal: g?If Yes, length:m | Stick up above bottom of pit: Contractor: Is the wire conduit tight to the wall cap: or buried: | | |
| Vell location in a well it: | Well pit depth: Rate: Does the cap create a good seal: g?If Yes, length:m | Stick up above bottom of pit: Contractor: Is the wire conduit tight to the wall cap: Or buried: Depth of top of screen: | m | |
| Vell location in a well it: | Well pit depth: Rate: Does the cap create a good seal: g?If Yes, length:m | Stick up above bottom of pit: Contractor: Is the wire conduit tight to the wall cap: Or buried: Depth of top of screen: | m | |
| Vell location in a well it: | Well pit depth: Rate: Does the cap create a good seal: g?If Yes, length:m | Stick up above bottom of pit: Contractor: Is the wire conduit tight to the wall cap: Or buried: Depth of top of screen: | m | |
| Vell location in a well it: | Well pit depth: Rate: Does the cap create a good seal: g? If Yes, length:m Submersible: | Stick up above bottom of pit: Contractor: Is the wire conduit tight to the wall cap: Or buried: Depth of top of screen: Pumping Capacity: | m m | |
| Vell location in a well it: | Well pit depth: Rate: Does the cap create a good seal: g? If Yes, length:m Submersible: | Stick up above bottom of pit: Contractor: Is the wire conduit tight to the wall cap: or buried: Depth of top of screen: Pumping Capacity: | m m Age: | |
| Vell location in a well pit: s Well flowing: s Well flowing: Vell Cap Type: S well accessible for direct sampling Screen: Yes No Pumping Equipment Pump Type: Jet Pump: Horsepower: Dther Pump Type: Depth of Intake Setting: | Well pit depth: Rate: Does the cap create a good seal: g? If Yes, length: Submersible: m (Original) m (Preser | Stick up above bottom of pit: | m m Age: | |

| Water Use: | Domestic: | No: | Yes: | No. of persons usin | ng water from well: | | | |
|---------------|---|-----------------------|---------------------------|-------------------------|---------------------|------------|---------|--|
| | Livestock: | No: | Yes: | No. of livestock | watered from well: | | | |
| | Lawn Watering: | No: | Yes: | Other: | Am | ount: | | |
| Equipment: | Indoor plumbing (e.g., pool, sauna, etc.) | shower, automa | atic washer, | | | | | |
| Private Was | te and Water Disposal: | Туре | - (septic tank, etc.): | | Distance | e to Well: | | |
| Well is: | - | | | | Grade | | | |
| Previou | us Problems: | | | | | | | |
| How long ha | ive you owned, operate | ed or lived on t | his property? | | | | | |
| Have you ev | er experienced any pre | <u>evious</u> problem | ns with your well or w | water? | | | | |
| lf so, wh | nen? | | | | | | | |
| What was th | e cause of the previou | s problem? | Drought: | | Pump Failure: | _ Plu | ıgging: | |
| | | | Increased Usage | | Interference: | Contami | nation: | |
| | | | Other(describe) | | | | | |
| | | | | | | | | |
| Determine ty | ype of problem (to be co | ompleted by AE | COM staff) | Water Quantity | Water Qual | ity 🗖 | | |
| If the proble | m was contamination v | | e any differences in tas | ste, odour, colour or c | clarity) | | | |
| changes we | re apparent to water qu | ality? | | | | | | |
| Were there a | any effects of this prob | lem? | | | | | | |
| What action | was taken to overcom | e this problem | ? | | | | | |
| | | | | | | | | |
| Did you ever | r have your well deepe | ned | , or cleaned | , or a new | well constructed | ? | | |
| If so, why? | | | | | | | | |
| | | | | | | | | |
| Outline brief | ly any previous repairs | s or changes ir | ו pumping equipmer | nt, and dates: | | | | |
| | | | | | | | | |
| Homeo | wner Particip | bation in | Monitoring | Program | | | | |
| Does home | eowner grant permissio | on for the Towr | nship to monitor the | well? | | Yes 🔲 | No | |
| Name (Ple | ase Print in BLOCK let | ters): | | | | | | |

Signature:

Location Sketch (to be completed by AECOM Staff)

| escription of Well ondition: there a depression around the well? | Yes | | No | • | Photo Numb | er: |
|--|--------------|----------|-------------------|--|--|---------------|
| there a depression around the well? | Yes North | | No | • | Photo Numb | er: Datum: |
| there a depression around the well? | | ing: | No | | Photo Numb | Datum: |
| ondition: there a depression around the well? asting: ater Level: | North | ning: | ck up: | | Date and T | Datum: |
| there a depression around the well? <pre>sting:</pre> | North | ing:Stic | ck up: m groun | d level or from t | Date and T | Datum: |
| ndition: there a depression around the well? sting: ater Level: ference Point (Indicate whether water leve Vater Quality Sample Taken: Yes | North | ning: | ck up: m groun | | Date and T | Datum: |
| there a depression around the well? sting: | North | Stic | ck up: m groun | d level or from t If yes, conti | Date and T | Datum: |
| endition: there a depression around the well? sting: ater Level: eference Point (Indicate whether water leve Vater Quality Sample Taken: Yes Parameters sampled for: Sample Name: | North | Stic | ck up: m groun | d level or from t | Date and T | Datum: |
| Indition: Indition: Indition: Indition: Indicate a depression around the well? Indicate Level: Indicate Whether water leve Indicate Quality Sample Taken: Indicate Sample for: Indicate Sample for: Indicate Sample Sample Name: Indicate Sample Name: Indicate Sample Sample Sample Name: Indicate Sample Sample Sample Name: Indicate Sample Sam | North | Stic | ck up: m groun | d level or from t If yes, conti ble taken: | Date and T op of casing): nue below. | Datum: |
| there a depression around the well? asting: | North | Stic | ck up: m groun | d level or from t If yes, conti | Date and T op of casing): nue below. | Datum: |

Ν

C.3 General Wellfield Capacity Assessment Notification Letter



AECOM Canada Ltd. 50 Sportsworld Crossing Road, Suite 290 Kitchener, ON N2P 0A4 Canada

T: 519.650.5313 F: 519.650.3424 www.aecom.com

September 19, 2022

Project # 60692210

Dear Resident / Property Owner:

RE: Municipal Wellfield Capacity Assessment

The Township of Centre Wellington (the 'Township') has retained AECOM Canada Ltd. (AECOM) to conduct capacity testing at the Township water supply wells, located in Fergus and Elora, Ontario (the "Project"). The project includes test pumping of the Township water supply wells to assess the quantity of water available from these wells long term. In advance of this testing, AECOM is notifying well owners within 500 m of the Project. Township records indicate that a private well is located on your property.

The testing is scheduled to occur in October and November 2022. If you experience an issue with the normal use of your well during the test period, please contact Matthew Alexander (AECOM) at (226) 821-4906, or Ryan Maiden (Township of Centre Wellington) at (519) 846-9691 extension 259.

For information on well construction, maintenance and water quality, please refer to the *Well Aware Guide* created by Green Communities Canada in partnership with the Ontario Groundwater Association (OGWA). This guide can be obtained at <u>www.wellaware.ca</u>.

Should you have any questions regarding the program, please do not hesitate to the undersigned at (226) 821-4906, or via email to <u>Matthew.Alexander@aecom.com</u>.

Sincerely,

Matthew Alexander, M.Sc., P.Geo. Manager, Hydrogeology AECOM 1-226-821-4906 matthew.alexander@aecom.com

cc: **Ryan Maiden, P.Eng.** Water and Wastewater Capital Project Manager Township of Centre Wellington D +1-519-846-9691 x259 <u>RMaiden@centrewellington.ca</u>



Appendix D: Township Groundwater Monitoring Network Summary

| Well Name | Well Type | Associated Production Well | Completion Formation | Ground Surface Elevation (mASL) | Top of Screen (mbgs) | Bottom of Screen or Well Depth (mbgs) | Monitoring Frequency | Party Conducting Monitoring | Notes | |
|---------------------|-----------------------------|--|--|------------------------------------|-------------------------|---|--|----------------------------------|--|--|
| MW1-12A* | Municipal Multi-Level | | Goat Island (Ancaster/Niagara Falls member) | 407.53 | 125.9 | 132 | Hourly | Groundwater Science Corp./ AECOM | Instrumented with transducer/ datalogger | |
| MW1-12B* | Monitoring Well | E3 | Guelph | 407.53 | 40.8 | 46.9 | Hourly | Groundwater Science Corp./ AECOM | Instrumented with transducer/ datalogger | |
| MW1-12C* | inernie ing i en | | Overburden (gravelly CLAY) | 407.64 | 14.4 | 17.4 | Hourly | Groundwater Science Corp./ AECOM | Instrumented with transducer/ datalogger | |
| MW2-11A* | | | Goat Island (Niagara Falls member) | 408 | 123.7 | 128.7 | Hourly | Groundwater Science Corp./ AECOM | Instrumented with transducer/ datalogger | |
| MW2-11B* | Municipal Multi-Level | E1 | Guelph | 408 | 29.9 | 36 | Hourly | Groundwater Science Corp./ AECOM | Instrumented with transducer/ datalogger | |
| MW2-11C* | Monitoring Well | | Overburden (silty SAND) | 407.91 | 8.5 | 11.6 | Hourly | Groundwater Science Corp./ AECOM | Instrumented with transducer/ datalogger | |
| | | | Goat Island (Niagara Falls member) | 407.91 | 115.8 | | , , | | | |
| MW3-11A | Municipal Multi-Level | F5-R | · · · · · · · · · · · · · · · · · · · | | | 121.9 | Hourly | Groundwater Science Corp./ AECOM | Instrumented with transducer/ datalogger | |
| MW3-11B | Monitoring Well | FD-K | Guelph | 425.6 | 43 | 49.1 | Hourly | Groundwater Science Corp./ AECOM | Instrumented with transducer/ datalogger | |
| MW3-11C | ç | | Overburden (sandy SILT) | 425.77 | 21.2 | 24.2 | Hourly | Groundwater Science Corp./ AECOM | Instrumented with transducer/ datalogger | |
| MW4-12A | Municipal Multi-Level | | Goat Island (Ancaster member) | 418.86 | 113.1 | 119.2 | Hourly | Groundwater Science Corp./ AECOM | Instrumented with transducer/ datalogger | |
| MW4-12B | Monitoring Well | F7 | Guelph | 418.86 | 32 | 38.1 | Hourly | Groundwater Science Corp./ AECOM | Instrumented with transducer/ datalogger | |
| MW4-12C | | | Overburden (silty SAND) | 418.84 | 12.2 | 15.2 | Hourly | Groundwater Science Corp./ AECOM | Instrumented with transducer/ datalogger | |
| MW5-11A | Municipal Multi-Level | | Gasport | 425.35 | 122.5 | 128.6 | Hourly | Groundwater Science Corp./ AECOM | Instrumented with transducer/ datalogger | |
| MW5-11B | Monitoring Well | F6 | Guelph | 425.35 | 39.9 | 46 | Hourly | Groundwater Science Corp./ AECOM | Instrumented with transducer/ datalogger | |
| MW5-18C | Monitoring wen | | Overburden (sandy SILT) | 425.14 | 16.8 | 19.2 | Hourly | Groundwater Science Corp./ AECOM | Instrumented with transducer/ datalogger | |
| MW6-12A | Municipal Multi Laural | | Goat Island (Ancaster member) | 429.17 | 104.2 | 110.3 | Hourly | Groundwater Science Corp./ AECOM | Instrumented with transducer/ datalogger | |
| MW6-12B | Municipal Multi-Level | F4, F6 | Guelph | 429.17 | 39 | 45.1 | Hourly | Groundwater Science Corp./ AECOM | Instrumented with transducer/ datalogger | |
| MW6-12C | Monitoring Well | , | Overburden (silty SAND) | 429 | 21.3 | 22.9 | Hourly | Groundwater Science Corp./ AECOM | Instrumented with transducer/ datalogger | |
| MW7-21D | | | Gasport | 399.25 | 104.7 | 107.7 | Hourly | AECOM | Instrumented with transducer/ datalogger | |
| MW7-211 | Municipal Multi-Level | F1, F2-R | Goat Island | 399.28 | 83.2 | 86.2 | Hourly | AECOM | Instrumented with transducer/ datalogger | |
| MW7-21S | Monitoring Well | 11,121 | Guelph | 399.28 | 21.4 | 24.5 | Hourly | AECOM | Instrumented with transducer/ datalogger | |
| 101007-215 | Future Municipal Monitoring | | Guelph Formation | 399.20 | 21.4 | 24.0 | Houny | AECOW | Instrumented with transducers/ dataloggers above and below packer located at 16.3 | |
| MW8-21 | Well | F1 | Goat Island Formation | - | - | 37.3 | Hourly | AECOM | mbgs | |
| Well 14* | Private Well | E3 | Unknown | - | - | 36.6 (est. depth)^ | Hourly; Five Minutes (additional Elora testing exclusively) | AECOM | Instrumented with transducer/ datalogger | |
| Well 15* | Municipal Monitoring Well | E3, E4 | Unknown | - | - | 44.8^ | Hourly; Five Minutes (additional Elora testing exclusively) | AECOM | Instrumented with transducer/ datalogger | |
| Well 17* | Municipal Monitoring Well | E4 | Unknown | 385.2 | - | 61.0^ | Hourly | AECOM | Instrumented with transducer/ datalogger | |
| Well 19* | GRCA Supply Well | E4 | Unknown | 370.50 [∆] | - | 97.5^ | Hourly | Groundwater Science Corp. | Instrumented with transducer/ datalogger | |
| Well 21 | Private Well | E1 | Unknown | 570.50 | _ | - | Hourly | AECOM | Instrumented with transducer/ datalogger | |
| Well 28 | Private Well | F5-R | Unknown | - | - | >61 (est. depth) [^] | Fifteen Minutes | AECOM | Instrumented with transducer/ datalogger | |
| Well 29 | Private Well | F2-R, F5-R | Unknown | - | - | 54.9 (est. depth) [^] | Hourly | AECOM | No transducer/datalogger. Manual readings only. | |
| Well 31 | Private Well | F4, F6, F7 | Unknown | - | - | - | Hourly | AECOM | Instrumented with transducer/ datalogger | |
| Well 33 | Private Well | F2-R | Unknown | - | 8.5 ‡ | 42.7‡ | Hourly | AECOM | Instrumented with transducer/ datalogger | |
| Well 34* | Private Well | E1 | Multiple ^Ω | _ | - | 158.5‡ | Hourly | Owner | Instrumented with transducer/ datalogger | |
| Well 36 | Private Well | F2 | Bedrock | - | - | 100.04 | Fifteen Minutes | AECOM | Instrumented with transducer/ datalogger | |
| | | | | - | - | - | Fifteen Minutes | | | |
| Well 37 | Private Well | F2 | Bedrock | - | - | - | Fifteen Minutes | AECOM | Instrumented with transducer/ datalogger | |
| Well 38 | Private Well | F2 | Bedrock | - | 7.3‡ | 19.5‡ | | AECOM | Instrumented with transducer/ datalogger | |
| Well 39 Well 40* | Private Well Private Well | E1, E4 E3, E4 (additional Elora test exclusively) | Unknown Bedrock | - | 21 | - 61 | Hourly Five Minutes | Owner | Instrumented with transducer/ datalogger | |
| Well 43* | Private Well | E1 | Unknown | - | - | - | Five Minutes | AECOM | Instrumented with transducer/ datalogger | |
| MW1-22 | Monitoring Well | F7 | Bedrock | - | 19.9 | 155.8 | Hourly | AECOM | Open bedrock coreholes drilled by the Township in 2022. Cased through overburden and drilled to the base of the Gasport Formation. Instrumented with transducer/ datalogger. | |
| MW2-22* | Monitoring Well | E1 | Bedrock | - | 49.1 | 173.9 | Hourly; Five Minutes (additional Elora testing exclusively) | AECOM | Open bedrock coreholes drilled by the Township in 2022. Cased through overburden and drilled to the base of the Gasport Formation. Instrumented with transducer/ datalogger. | |
| MW3-22* | Monitoring Well | E1, F7 | Bedrock | - | 37.3 | 161.9 | Hourly; Five Minutes (additional Elora testing exclusively) | AECOM | Open bedrock coreholes drilled by the Township in 2022. Cased through overburden and drilled to the base of the Gasport Formation. Instrumented with transducer/ datalogger. | |
| | | | Ancaster | | | | | | | |
| ELR1-R1 | Research Monitoring Well | ch Monitoring Well E3, E4 | Rockway | | 377.54 | 57 | 130 | Hourly | University of Guelph | Borehole cased into bedrock and instrumented with transducer/ datalogger |
| | - | | | | | | | | | |
| | | | Merriton | | | | | | | |

Township of Centre Wellington Wellfield Capacity Assessment Report 60692210

Appendix D: Township Groundwater Monitoring Network Summary

| Well Name | Well Type | Associated Production Well | Completion Formation | Ground Surface Elevation (mASL) | Top of Screen (mbgs) | Bottom of Screen or Well Depth (mbgs) | Monitoring Frequency | Party Conducting Monitoring | Notes | |
|-----------|-----------------------------|-------------------------------|----------------------|------------------------------------|-------------------------|---|--|-----------------------------|--|--|
| | | | Wellington | | | | | | | |
| | Research Monitoring Well | | Ancaster | | 29 | | 10 mins | University of Guelph | | |
| | | | Gasport | | | 132 | | | Borehole cased into bedrock and instrumented with transducer/ datalogger | |
| ELR1-R2* | | Monitoring Well E3, E4 | Irondequoit | 379.61 | | | | | | |
| | | | Rockway | | | | | | | |
| | | | Merriton | | | | | | | |
| | | | Cabot Head | | | | | | | |
| | | | Niagara Falls | | | 139 | 10 mins | University of Guelph | | |
| | | | Gasport | | | | | | | |
| ELR2-R1 | Research Monitoring Well | E3, E4 | Irondequoit | 402.49 | 85 | | | | Borehole cased into bedrock and instrumented with transducer/ datalogger | |
| | Research Workoning Wei | 23, 24 | Rockway | 402.40 | 00 | 100 | 10 11113 | | borchole cased into bedrock and instrumented with transducer/ datalogger | |
| | | | Merriton | | | | | | | |
| | | | Cabot Head | | | | | | | |
| | | | | Hanlon | | | | | | |
| | | | Wellington | 402.01 | 19 | 142 | 10 mins | University of Guelph | Borehole cased into bedrock and instrumented with transducer/ datalogge | |
| | Research Monitoring Well | | Niagara Falls | | | | | | | |
| ELR2-R2* | | Monitoring Well E3, E4 | Gasport | | | | | | | |
| | | | Irondequoit | Irondequoit | 402.01 | 19 | 142 | 10 mins | University of Gdelph | Dorenoie cased into bedrock and instrumented with transducel/ datalogy |
| | | | Rockway | | | | | | | |
| | | | Merriton | | | | | | | |
| | | | Cabot Head | | | | | | | |
| MS24A-94S | A.O. Smith Monitoring Well | F1, F7 | Guelph | 414.02 | 36.7 | 39.6 | Hourly | AECOM | Instrumented with transducer/ datalogger | |
| MS46A-00S | A.O. Smith Monitoring Well | F1, F7 | Guelph | 413.86 | 29.3 | 32.3 | Hourly | AECOM | Instrumented with transducer/ datalogger | |
| MS46A-00I | A.O. Smith Monitoring Well | F1, F7 | Guelph | 413.86 | 46.7 | 49.7 | Hourly | AECOM | Instrumented with transducer/ datalogger | |
| MS47A-01S | A.O. Smith Monitoring Well | F1, F7 | Guelph | 414.6 | 32 | 35.1 | Hourly | AECOM | Instrumented with transducer/ datalogger | |
| MS47A-01I | A.O. Smith Monitoring Well | F1, F7 | Guelph | 414.6 | 48.8 | 51.9 | Hourly | AECOM | Instrumented with transducer/ datalogger | |
| Swan 1* | Municipal Drive-Point Piezo | All production wells | Overburden | - | 0.7 | 1 | Hourly; Five Minutes (additional Elora testing exclusively) | AECOM | Instrumented with transducers/ dataloggers | |
| Swan 2* | Municipal Drive-Point Piezo | All production wells | Overburden | - | 0.8 | 1.1 | Hourly; Five Minutes (additional Elora testing exclusively) | AECOM | Instrumented with transducers/ dataloggers | |
| Swan 3* | Municipal Drive-Point Piezo | All production wells | Overburden | - | 0.6 | 0.9 | Hourly; Five Minutes (additional Elora testing exclusively) | AECOM | Instrumented with transducers/ dataloggers | |
| Irvine 1 | Municipal Drive-Point Piezo | All production wells | Overburden | - | 0.2 | 0.5 | Hourly | AECOM | Instrumented with transducers/ dataloggers | |
| Irvine 2 | Municipal Drive-Point Piezo | All production wells | Overburden | - | 0.7 | 1 | Hourly | AECOM | Instrumented with transducers/ dataloggers | |
| Irvine 3* | Municipal Drive-Point Piezo | All production wells | Overburden | - | 0.8 | 1.1 | Hourly; Five Minutes (additional Elora testing exclusively) | AECOM | Instrumented with transducers/ dataloggers | |
| | | All production wells | Overburden | | 0.8 | 1.1 | Hourly | AECOM | Instrumented with transducers/ dataloggers | |

^Ω – Open hole bedrock well likely open to Goat Island/Gasport FMs based on depth and Bedrock Materials described on well record.

[‡] – Well depth as shown on MECP well record.

* – Well was monitored during additional Elora test.

 $^{\Delta}$ – Approximate elevation.