

May 3, 2021.

Report To: Travis Rob, O&F Manager

From: Trish Law, GIS Expert

**SUBJECT: Data Request Computational Hydraulics Inc. (CHI)**

On April 30, 2021 I was advised by Travis Rob that Computational Hydraulics Inc. (CHI), working in conjunction with TBT Engineering Limited, requested the Town's GIS data for use in the creation of a master stormwater management plan and system model, as awarded under RFP 21-PF-05. A letter dated May 3, 2021 from Michael Gregory (CHI) was received asking for the shapefiles and imagery to be granted at zero cost.

The data currently being requested from the Town's geospatial data share agreement for use is storm mains, catch basins, storm manholes, road centerlines, property lines, and aerial imagery. Additional information in the form of culverts, inlets, outfalls, official plan, zoning and elevation contours have also been requested. These four layers are not currently listed in the geospatial data share but are in the current GIS database. The cost of the layers requested is 11 @ 306.05 plus HST for vector data and \$1223.85 plus HST for the 2007 aerial photograph as per the current User Fee Schedule and \$0 for the 2017 aerial photograph as per our current use agreement with the Ministry of Natural Resources and Forestry.

For references purposes, this is a listing of current Geospatial License Agreements with the Town:

- Ministry of Natural Resources (2009, 2010) - \$0 data exchange
- Union Gas (2009) - \$0 data exchange
- Rainy River District OPP (2009) - \$0 through Community Services
- Centra Transmission Holdings Inc./EFG (2010) - paid \$1071.00 (including HST)
- Hilderman Thomas Frank Cram (2010) - \$0 working for TOFF
- Hynde Paul Planners/Quartek (2010) - \$0 working for TOFF
- KGS Group, Winnipeg (2010) - \$0 working for TOFF
- Neegan Burnside (2011) - paid \$3809.68 (including HST)
- rePlan (2014) - \$0 fees waived for newGold development
- Vastamaki Consulting Service (2014) - \$0 working for FFPC
- Saulteaux Consulting and Engineering (2014) - \$0 working for FFPC
- Rainy River District Stewardship (2015) - \$0 tree inventory
- Rainy River District School Board (2015) - \$0 partner for tree inventory
- GISbiz (2016) - \$0 working for FFPC
- TBAYTEL/Telecon - paid \$639.40 (including HST)
- Fire Underwriters (2017) - \$0 request approved by Council
- OPP (2018) - \$0 request approved by Council
- Infratech Services (2019) - \$0 request approved by Council, working for TOFF

- Fire Underwriters Survey - \$0 request approved by Council
- Telecon (2019) - \$337.98 (including HST)
- Hilderman Thomas Frank Cram (2020) - \$0 request approved by Council, working for TOFF

After consideration of this request, I recommend the Town entering into a Geospatial Data License Agreement with Computational Hydraulics Inc., and that the data be distributed at \$0, as CHI is currently contracted for work for the Town.

Respectively Submitted,

A handwritten signature in black ink, appearing to read "Trisha Law". The signature is written in a cursive, flowing style.

Trisha Law, MGIS  
GIS Expert

May 3, 2021

ATTN: Travis Rob, P.Eng.  
Manager of Operations & Facilities  
Town of Fort Frances, Ontario

Subject: Development of a Municipality Wide Master Stormwater Management Plan

Travis,

For the Town of Fort Frances Master Stormwater Management Plan (RFP 21-OF-05), we would like to formally request permission to access the data listed below. Further, we are requesting access to the data at zero cost.

- Digital topography such as LiDAR, or digital elevation model (DEM)
- Orthoimagery and aerial photogrammetry
- Stormwater asset/facility data (manholes, pipes, catchbasins, inlets, outfalls, culverts, bridges)
  - Manhole invert and rim elevations
  - Pipe/culvert offset elevations, pipe shape/dimensions
  - Cross-sectional information for ditches and open channels
- Land use/zoning for current and future development
- Soil and groundwater information
- Building footprint, transportation rights-of-way, and property boundaries
- Previous floodplain mapping
- Previous rain/flow monitoring measurements
- Design storm information
- Flooding complaint maps or other documentation
- Camera footage from inspections (Zoom)

The data will be shared with Computational Hydraulics International (CHI) and TBT Engineering Limited (TBTE) in accordance with the Town of Fort Frances' protocols. If you have any questions or request additional information/clarification, please contact me at [mike@chiwater.com](mailto:mike@chiwater.com) or (519) 573-3114.

Sincerely,

A handwritten signature in black ink, appearing to read "Michael A. Gregory".

Michael A. Gregory, M.Sc., P.Eng.  
Engineering Director  
Computational Hydraulics International

May 14, 2021.

Report To: Travis Rob, O&F Manager

From: Trish Law, GIS Expert

**SUBJECT: Data Request TBT Engineering Limited (TBT)**

On April 30, 2021 I was advised by Travis Rob that Computational Hydraulics Inc. (CHI), working in conjunction with TBT Engineering Limited (TBT), requested the Town's GIS data for use in the creation of a master stormwater management plan and system model, as awarded under RFP 21-PF-05. A letter dated May 14, 2021 from Diarmid James MacKintosh of TBT was received asking for the shapefiles and imagery to be granted at zero cost.

The data currently being requested from the Town's geospatial data share agreement for use is storm mains, catch basins, storm manholes, road centerlines, property lines, and aerial imagery. Additional information in the form of culverts, inlets, outfalls, official plan, zoning and elevation contours have also been requested. These four layers are not currently listed in the geospatial data share but are in the current GIS database. The cost of the layers requested is 11 @ 306.05 plus HST for vector data and \$1223.85 plus HST for the 2007 aerial photograph as per the current User Fee Schedule and \$0 for the 2017 aerial photograph as per our current use agreement with the Ministry of Natural Resources and Forestry.

For references purposes, this is a listing of current Geospatial License Agreements with the Town:

- Ministry of Natural Resources (2009, 2010) - \$0 data exchange
- Union Gas (2009) - \$0 data exchange
- Rainy River District OPP (2009) - \$0 through Community Services
- Centra Transmission Holdings Inc./EFG (2010) - paid \$1071.00 (including HST)
- Hilderman Thomas Frank Cram (2010) - \$0 working for TOFF
- Hynde Paul Planners/Quartek (2010) - \$0 working for TOFF
- KGS Group, Winnipeg (2010) - \$0 working for TOFF
- Neegan Burnside (2011) - paid \$3809.68 (including HST)
- rePlan (2014) - \$0 fees waived for newGold development
- Vastamaki Consulting Service (2014) - \$0 working for FFPC
- Saulteaux Consulting and Engineering (2014) - \$0 working for FFPC
- Rainy River District Stewardship (2015) - \$0 tree inventory
- Rainy River District School Board (2015) - \$0 partner for tree inventory
- GISbiz (2016) - \$0 working for FFPC
- TBAYTEL/Telecon - paid \$639.40 (including HST)
- Fire Underwriters (2017) - \$0 request approved by Council
- OPP (2018) - \$0 request approved by Council
- Infratech Services (2019) - \$0 request approved by Council, working for TOFF

- Fire Underwriters Survey - \$0 request approved by Council
- Telecon (2019) - \$337.98 (including HST)
- Hilderman Thomas Frank Cram (2020) - \$0 request approved by Council, working for TOFF
- Computational Hydraulics Inc. (2021) - \$0 request, working for TOFF, in progress

After consideration of this request, I recommend the Town entering into a Geospatial Data License Agreement with TBT Engineering Limited and that the data be distributed at \$0, as TBT is currently contracted for work for the Town.

Respectively Submitted,

A handwritten signature in black ink, appearing to read "Trisha Law".

Trisha Law, MGIS  
GIS Expert



May 14, 2021  
TBTE Ref.: 21-225

Travis Rob, P.Eng.  
Manager of Operations & Facilities  
Town of Fort Frances,  
320 Portage Avenue,  
Fort Frances, ON P9A 3P9

**RE: Development of a Municipality Wide Master Stormwater Management Plan**

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Dear Mr. Rob,

For the purposes of completing the Town of Fort Frances' Master Stormwater Management Plan (RFP 21-OF-05), TBT Engineering Ltd. (TBTE) would like to formally request permission to access the following data at no cost to ourselves:

- Digital topography such as LiDAR, or digital elevation model (DEM)
- Orthoimagery and aerial photogrammetry
- Stormwater asset/facility data (manholes, pipes, catchbasins, inlets, outfalls, culverts, bridges)
- Manhole invert and rim elevations
- Pipe/culvert offset elevations, pipe shape/dimensions
- Cross-sectional information for ditches and open channels
- Land use/zoning for current and future development
- Soil and groundwater information
- Building footprint, transportation rights-of-way, and property boundaries
- Previous floodplain mapping
- Previous rain/flow monitoring measurements
- Design storm information
- Flooding complaint maps or other documentation
- Camera footage from inspections (Zoom)

The data is to be shared by the Town of Fort Frances with both Computational Hydraulics International (CHI) and TBTE in accordance with the Town of Fort Frances' protocols. If you have any questions or request additional information/clarification, please contact me at [dmackintosh@tbte.ca](mailto:dmackintosh@tbte.ca) or (807) 633-1204.

We trust the above addresses your requirements at this time, and we look forward to working with you on this project. Please contact us at your convenience if you have any questions.

Yours truly,

A handwritten signature in black ink, appearing to read 'D. MacKintosh', written in a cursive style.

Diarmid J. MacKintosh, P.Eng.  
Senior Environmental Engineer &  
Branch Manager, Fort Frances Operations  
TBT Engineering Limited