# Utility Modelling Services for Development Projects

## Scope of Services

The City of Delta has retained an independent engineering consultant to provide water and/or sanitary modelling services for development projects*. The scope of services includes:

a) Assess water and/or sanitary capacity within the existing municipal system to accommodate the proposed development.

b) Determine the required water and/or sanitary upgrades to address capacity deficiencies.

c) Estimate the costs associated with the required utility upgrades as identified in (b).

Developers have the option to use the City's independent consultant or to retain their own consultant to perform modelling.

*Development projects are defined as small to medium scale developments that require one Fire Underwriter Survey (FUS), one water connection, and one sanitary sewer connection.



## Process

**Step 1:** Developer submits application form with all supporting information and pays Consultant fees to the City.

**Step 2:** Consultant submits draft site servicing report(s) within 3 weeks.

**Step 3:** Consultant issues a final report.

## Pricing

The City of Delta's fixed prices for utility modelling services are below**:

- $6,569.10 for Water Modelling Report
- $7,136.10 for Sanitary Modelling Report
- $13,176.00 for Water and Sanitary Modelling Report

**Should the Developer choose to use the City's independent consultant, the Developer would need to pay the fees above, plus applicable taxes, to Delta.

Note: Rates are to remain firm until September 2029.

## City Contact Information

If you are interested in using the City's independent consultant for water and/or sanitary modelling for your development project, please fill out the application form in the next pages and contact development@delta.ca to initiate the process.

# City of Delta Application for Utility Modelling Services

**Applicant Name:** _____ **Phone:** _____
**Email:** _____
**Developer Name:** _____**Developer Address:** _____
**Proposed Development Address:** _____
**Official Community Plan 2024 Land Use Designation:** _____
**Type of development (residential apartments or townhomes):** _____
**Number of units:** _____
**Is only one FUS calculation required for this development?** ○ Yes ○ No
**Is there only one water connection required to service this development?** ○ Yes ○ No
**Is there only one sanitary connection required to service this development?** ○ Yes ○ No
**Phased development?** ☐ Single-phase development ☐ Multiple-phase development
**Please select one of the following services:**

☐ $6,569.10 for Water Modelling Report
☐ $7,136.10 for Sanitary Modelling Report
☐ $13,176.00 for Water and Sanitary Modelling Reports

**Please attach a FUS 2020 calculation report.** This report shall include the following information, as defined in the FUS 2020, for the Consultant to conduct their analysis:

- Required fire flow for the proposed development
- Site plan drawings of the building (please confirm if a firewall will be used)
- Building code classification
- Footprint area of each floor and effective total area of all floors
- Number of storeys
- Construction coefficient
- Occupancy type
- Automatic sprinkler protection

**Terms and Conditions:**

1. All parts of this form must be completed for consideration.
2. Upon approval of this application, the City will generate a fee slip for the Developer for the service(s) selected above. Cash, cheque or debit are acceptable payment options. The payment is non-refundable.
3. The Developer acknowledges that should the scope of the development change or should the City require hydrant flow tests to produce the report(s), additional fees will apply.
4. Upon completion of the report(s) by the Consultant, the City will release the report(s) to the Developer. The model itself will not be shared with the Developer.
5. The City will be the exclusive owner (as between the City and the Developer) of any intellectual property vested in the report(s) or arising from the preparation of the report(s).
6. The City does not represent or warrant that the report(s) is complete or free of errors. The City is not responsible for any damages resulting from omissions, deletions or errors that may be contained in the report(s) and disclaims any warranty of merchantability or fitness for any particular purpose.

I, the undersigned, fully understand and agree to the above conditions.

**Name (print):** _____**Signature:** _____
**Date:** _____

Please email this application to the assigned Development Technologist.

Personal information is collected by the City of Delta under the authority of **Section 26(c) of the *Freedom of Information and Protection of Privacy Act* (FOIPPA)** and will be used to administer Utility Modelling Services application with the City of Delta, Development Department.

Personal information may be disclosed only as permitted by **Section 33 of the *Freedom of Information and Protection of Privacy Act* (FOIPPA)**. Should you have any questions about the collection and disclosure of this personal information, please contact the **City of Delta/ Development Department** at 604-946-3380 and development@delta.ca or the Corporate Officer/FOIPPA Head at 604-946-3220 and legislative@delta.ca.