



UBC Energy & Water Services
 2040 West Mall, Vancouver, BC V6T 1Z2
 Tel: (604) 822-9445 Fax: (604) 822-8833

PRELIMINARY UTILITY SERVICE CONNECTION APPLICATION

Part 1. INSTRUCTIONS

- Application is required for any new or substantially modified connection to UBC's utility systems. There is no fee for this application.
- Fill in Part 2 for all requests. **INCLUDE PROJECT NAME.** Fill in Parts 3 and/or 4 as applicable.
- **This Service Connection Application shall be considered approved when an authorized UBC Development permit is obtained.**

Part 2. REQUESTOR INFORMATION

UBC Contract Administrator or UBC Project Manager

Project Manager name & Dept. (e.g. C&CP DM, UBCPT Manager, UBC Plant Ops, Housing)	Telephone	
	Fax	
	Email	
Project Name/Title/Description		Project No.
Gross Building Area (m2)		Date BOG Approval Obtained (month, year)
Total Impervious Area (m2)		
Date Requested		Highest UBC Board of Governors Approval (Pre-board,1,2,3 or 4)

Part 3. MECHANICAL SERVICES: WATER, SANITARY, STORM, GAS, and DISTRICT HEATING

Part 3 (a). Water Distribution. Water service to meet requirements of UBC Technical Guidelines Division 2, Section 02660.

Design by (Company)				Telephone	
Primary Contact				Fax	
				Email	
Drawings Attached? (Yes / No / Later)		Peak Domestic Water Consumption (L/S)		Sprinkler & Hose Fire Flow Demand (L/s)	

Part 3 (b). Storm Sewer and Sanitary Sewer: Consultant & Design Data

Service to meet requirements of UBC Technical Guidelines Division 2: Section 02720 for Storm, and Section 02730 for Sanitary.

Design by (Company)				Telephone	
Primary Contact				Fax	
				Email	
Storm Drawings Attached? (Yes / No / Later)				Stormwater Control Plan Attached? (Yes / No / Later / Not Required)	
Lot Area (m ²)		Total of roof horizontal projection area, 50% of largest vertical area adjacent to roof and paved area		Run-off coefficients	Predeveloped
					Postdeveloped
Time of concentration T _c (min)		10 year rain-fall (mm/h)		Peak storm load (L/s)	Pumped storm load (L/s) Note 1
Sanitary Drawings Attached? (Yes / No / Later)				Peak sanitary load (L/s)	Pumped sanitary load (L/s) Note 1
Any new or modified food preparation facilities?(Yes / No). If yes, then describe.				Any Biological, Chemical or Radio-active Wastes to be discharged to sanitary? (Yes / No). If yes, then describe.	

Note 1: Only under unique circumstances pumping into UBC network will be considered. A prior request for permission to pump into UBC network shall be submitted to UBC Energy & Water Services (see UBC Technical Guidelines, Section 02720, Clause 2.5.7 and Section 02730, Clause 2.5.6).

Part 3 (c). Gas and District Heating Distribution

- Service to meet requirements of UBC Technical Guidelines Div. 2, Section 02685 (gas) and Div. 15, Section 15004 (District Heating).
- Fax or mail request to UBC EWS (address & telephone above) to attention of Manager, Mechanical Distribution Services.

Gas Distribution

Design by (Company)		Telephone	
		Fax	
Designer Primary Contact		Email	
Required overpressure to building downstream of meter (kPa)		Peak Gas Load based on all gas equipment in building (m ³ /hour)	

District Heating Distribution

- Summer supply temperature: 70° C, winter peak supply temperature: 115° C.

Design by (Company)		Telephone	
		Fax	
Designer Primary Contact		Email	
Peak Design District Heating Load (building heating) based on all equipment in building (kW)			
Peak Design District Heating Load (domestic hot water) based on all equipment in building (kW)			

- **Fax or mail request to UBC EWS (address & telephone at top of 1st pg) to attention of Manager, Mechanical Utilities.**
- Campus Planning & Development additionally requires a Plumbing Permit for any modification or connection to water distribution, sanitary sewer, or storm sewer as per B.C. Building Code (Plumbing). Contact C&CP Regulatory Services at (604) 822-8228.
- B.C Gas/Boiler Safety Branch (Act) required permits and inspections are the responsibility of the project team.

Part 4. ELECTRICAL SERVICE

Electrical Design by (Company)		Telephone	
		Fax	
Designer Primary Contact		Email	
Connected Load	Demand Load		
	kVA	kVA	
	kW		
	Phase		
	Wire		
	Voltage		

- B.C Electrical Safety Branch (Act) required permits and inspections are the responsibility of the project team.
- Electrical service to meet requirements of UBC Technical Guidelines Division 2, Section 02800.
- **Fax or mail request to UBC Energy & Water Services (address & telephone above).**