



ROCKPIT CHECK SHEET

This check sheet is to assist you when a rock pit is required in support of a Building Permit.

General Information

A rock pit is required for any single or two family dwelling or for accessory buildings over 10.0m² (107 sq. ft) where a municipal storm drainage connection or ditch is not available or viable to connect to. Temporary Residential Use structures (TRUs) must be assessed on a case by case basis.

Dwellings or Accessory Buildings over 139m² (1500 sq. ft)

The City must receive the following items with your building permit to process your application.

**** Please note: Upon application review, additional information may be required ****

- An engineer's design and Letters of Assurance (Schedule B and C-B) are required
 - The design engineer must take into consideration the quantity and intensity of expected rainfall per hour using the local 10 year rainfall intensity curve.
 - Design should be based on knowledge of the area under consideration and shall conform to good engineering practices.
- Rock pit location and its offsets to property lines and all structures is to be shown on the permit application site plan.
- All rock pits shall not be sited less than 5.0m from all building foundations and located so that drainage is away from the building.
- All rock pits shall be located at least 5.0m from all property lines.
- For properties having a geotechnical covenant registered on title or is to be located in an area of geotechnical concern the City will require that the design be reviewed and approved by a geotechnical engineer.
- Rock pit design must be of suitable quality for microfilming.
- Drawing sheet size shall not exceed 24" x 34" or a scale of 1:50

Accessory Buildings under 139m² (1500 sq. ft)

A Building Permit is not required for detached structures under 10.0m² (107 sq. ft.) but storm and rainwater for all structures must still be addressed to ensure that surface water does not migrate to adjoining properties. The following information is to provide minimum design criteria for rock pits for those structures that do not require a building permit as outlined in the City's Building Bylaw.

- Rock pits for accessory buildings are to have a minimum storage area of 9.0m³
- A sump must be installed ahead of the rock pit and must be a minimum of 609mm (24") with a solid lid.
- In areas of known geotechnical concern or where geotechnical covenants are registered against title then a geotechnical engineer must review the proposal. Recommendations by the engineer may require that permits be obtained prior to work commencing.

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Existing Rock Pits

- To convert an existing accessory-use structure into a residential-use structure or for proposed additions to a residential structure, the City will require a professional engineer to confirm the capacity of the rock pit.

Special considerations

- If the proposed rock pit or its associated piping is to be located within 50.0m of a watercourse then additional design or construction details may be required. Please contact the City's Environmental section at 604-467-7341 to discuss these requirements.
- Rock pits will not be permitted for those properties located within the Fraser River Escarpment Area, Please refer to Council Policy 6.23 (Control of Surficial and Groundwater Discharge in the Area Bounded by 207 Street, 124 Avenue, 224 Street and the Crest of the Fraser River Escarpment).