



Construction Checklist

For the construction of new Subdivision works for Fee Simple and Strata development lots within BMID, the following Construction work requirements apply:

- Approval to Construct:** Watermain construction is not permitted within the District unless watermain design drawings have been received, reviewed and accepted by BMID. Should construction proceed prior to approval being received, BMID reserves the right to require a longer warranty period or refuse acceptance of the subdivision altogether.
- Professional Design and Inspection :** The construction of the water infrastructure is to be conducted under a qualified professional engineering company, registered and insured in the Province of British Columbia, and their staff. Proof of registration and insurance may be requested. The P.Eng, is to provide professional assurance that the works are being installed as per the Approved for Construction Drawings, and function as per the design intent.
- Construction Inspections:** Inspections are to be carried out by the Professional Engineer and/or their staff that are retained by the Developer. Copies of inspection reports must be filed on record for the water system works and must be available for review by BMID. Electronic submission of inspection reports is preferred. Insufficient inspections or documentation may constitute the requirement for an extended warranty period by the Developer.
- Coordination and Tie-ins:** The contractor shall meet with the BMID Operations Coordinator to discuss project coordination and tie-ins to existing BMID watermains. A minimum of 48 hours, (two full working days) notice must be provided for meetings and coordination of BMID staff. Tie-ins are to be carried out by BMID works staff at the Developer's cost, unless prior agreement is worked out with the BMID Operations Coordinator. Tie-ins are to be carried out after flushing and disinfection by the Contractor.
- Engineer of Record:** Measurements and recording of the watermain installations shall be sufficient so that an accurate set of Record Drawings can be provided. The Record Drawings are to be provided within 60 days of subdivision registration. Approvals to the engineering firm may be withheld if outstanding items are not received by BMID.
- Bonding** The Developer or his Contractor shall provide a Performance bond in the amount of 50% of the value of waterworks as per BMID bylaw requirements. A Maintenance Bond for the value of the watermain installation must be provided for a period of two years as per BMID subdivision bylaw. Alternately, a letter of credit in the amount of 50% of the value of the watermain infrastructure works is to be provided in lieu of a Maintenance Bond.
- Materials** All materials are to meet the approval of BMID and Kelowna Joint Water Committee.
- Disinfection:** Standards for pressure testing, flushing and disinfection of watermains are to follow AWWA standard procedures and meet the requirements of BMID.
- Inspection Charges by BMID:** Interim inspections by BMID staff will be charged to the developer at cost and are payable at the time of payment of capital charges.