



Office: (250) 765-5169
Fax: (250) 765-0277
www.bmid.ca

File No. 2016.27

October 19, 2016

Attention: Melanie Steppuhn

**RE: Agri-Tourist Accommodation Application No. Z16-0038
1-395 Hereron Road
BMID Water Service Comments**

This letter sets out our water supply servicing requirements for the proposed 7 Agri-Accommodation RV sites located at 1-395 Hereron Road. The development is within the BMID water service area and is subject to the bylaws of the District. It is understood that the owner of the above described property is proposing to rezone a portion of the exiting A1 land use to A1t in order to construct and operate 7 Agri-Accommodation RV sites. The Agri-Accommodation development will have the following water servicing requirements.

- ☐ Capital Charges will be \$1,440 per RV pad as per BMID Capital Expenditure Charge bylaw 678. (See web page www.bmid.ca)
- ☐ Engineered servicing drawings and FUS fire flow calculations for the water distribution system are required to be submitted for the site for review by BMID, signed and sealed by a professional engineer.
- ☐ Fire flow capacities will be verified by our computer model at the time of detailed design of the subdivision.
- ☐ A new fire hydrant is to be installed on Hereron Rd. Currently, there is inadequate hydrant coverage for fire protection. Hydrant coverage must be within 100m from the new hydrant to last RV pad. The closest hydrant located near the proposed RV lot is greater than 200m (60m south of Acland Rd/Hereron Rd intersection).
- ☐ The current water main along Hereron Rd is only a 50mm in diameter. Therefore, the 50mm main will have to be upgraded to 150mm from Acland Rd to the proposed hydrant. It might be possible to keep the remaining portion of the 50mm water main after the hydrant.
- ☐ RV water service to come off of hydrant lead (before hydrant isolation valve) so that there is no stagnant water in service or hydrant lead.
- ☐ There is limited capacity of the existing 50mm main that might result in residual pressures lower than the minimum required during PHD.
- ☐ Service is to enter site and go to meter house within building structure (in secure and heated building).
- ☐ Meter is required and spec is on BMID web page in forms and development section
- ☐ Single testable Double check valve (DCV) is required for water service line going to individual trailer pads. DCV to go in same meter room if possible.
- ☐ On site development is by owner
- ☐ Connection from BMID mains to property line to be carried out by BMID staff, paid by owner.

Once we receive the required information, we can provide further information.

Yours truly,
Black Mountain Irrigation District

Dawn Williams, Administrator