SECTION 3: WELL DEVELOPMENT

		IF LESS THAN 1 MILE:	
WELL NO.	NAME OF NEAREST SURFACE WATER	DISTANCE TO NEAREST SURFACE WATER	ELEVATION CHANGE BETWEEN NEAREST SURFACE WATER AND WELL HEAD
WELL 1	BEAR CREEK	6,500 FT	Approximately 200’
WELL 2	BEAR CREEK	6,100 FT	Approximately 250’
WELL 3	BEAR CREEK	7,500 FT	Approximately 350’
WELL 4	BEAR CREEK	6,200 FT	Approximately 350’

Please provide any information for your existing or proposed well(s) that you believe may be helpful in evaluating your application. For existing wells, describe any previous alteration(s) or repair(s) not documented in the attached well log or other materials *(attach additional sheets if necessary)*.

Wells 1 and 2, based on geologic mapping available from Oregon Department of Geology and Mineral Industries, will likely be completed in alluvium, whereas Wells 3 and 4 are likely to be completed in a weathered basalt or a sequence of weathered basalt and claystone.

The total annual duty from the combined well pumping of all 4 proposed wells would not exceed 97 acre-feet annually, and the combined rate of all wells would not exceed ~~400~~ 160 gallons per minute-meaning, if each well has a capacity of ~~100~~ 40-gpm, all 4 wells may operate simultaneously. However, if each well has a pumping capacity of ~~400~~ 160 gpm, only one well would operate at a given time.

SECTION 3: WELL DEVELOPMENT, continued

Total maximum rate requested: 97 AC FT/YR (each well will be evaluated at the maximum rate unless you indicate well-specific rates and annual volumes in the table below).

The table below must be completed for each source to be evaluated or the application will be returned. If this is an existing well, the information may be found on the applicable well log. *(If a well log is available, please submit it in addition to completing the table.)* If this is a proposed well, or well-modification, consider consulting with a licensed well driller, geologist, or certified water right examiner to obtain the necessary information.

										PROPOSED USE			
OWNER'S WELL NAME OR NO.	PROPOSED	EXISTING	WELL ID (WELL TAG) NO.* OR WELL LOG ID**	FLOWING ARTESIAN	CASING DIAMETER	CASING INTERVALS (IN FEET)	PERFORATED OR SCREENED INTERVALS (IN FEET)	SEAL INTERVALS (IN FEET)	MOST RECENT STATIC WATER LEVEL & DATE (IN FEET)	SOURCE AQUIFER***	TOTAL WELL DEPTH	WELL-SPECIFIC RATE (GPM)	ANNUAL VOLUME (ACRE-FEET)
WELL 1	☒	☐		☐	8"	0'-600'	400'-600'	UP TO 100'	N/A	ALLUVIUM	400 – 600'	409	97
WELL 2	☒	☐		☐	8"	0'-600'	400'-600'	UP TO 100'	N/A	ALLUVIUM	400 – 600'	409	97
WELL 3	☒	☐		☐	8"	0'-800'	400'-800'	UP TO 100'	N/A	BASALT/BEDROCK	400 – 800'	409	97
WELL 4	☒	☐		☐	8"	0'-800'	400'-800'	UP TO 100'	N/A	BASALT/BEDROCK	400 – 800'	409	97
	☐	☐		☐									
	☐	☐		☐									
	☐	☐		☐									
	☐	☐		☐									

* Licensed drillers are required to attach a Department-supplied Well Tag, with a unique Well ID or Well Tag Number to all new or newly altered wells. Landowners can request a Well ID for existing wells that do not have one. The Well ID is intended to serve as a unique identification number for each well.

** A well log ID (e.g., MARI 1234) is assigned by the Department to each log in the agency's well log database. A separate well log is required for each subsequent alteration of the well.

*** Source aquifer examples: Troutdale Formation, gravel and sand, alluvium, basalt, bedrock, etc.

For Department Use: App. Number: _____