

SECTION 5: WATER USE

Provide the amount of water you propose to use from each source, for each use, in cubic feet-per-second (cfs) or gallons-per-minute (gpm). If the proposed use is from storage, provide the amount in acre-feet (af):
(1 cfs equals 448.8 gpm. 1 acre-foot equals 325,851 gallons or 43,560 cubic feet)

SOURCE	USE	PERIOD OF USE	AMOUNT
Stored Water (Lost Creek Reservoir)	Irrigation	April 1 – October 31	75 ☐ cfs ☐ gpm ☒ af
			☐ cfs ☐ gpm ☐ af
			☐ cfs ☐ gpm ☐ af
			☐ cfs ☐ gpm ☐ af

Please indicate the number of primary, supplemental and/or nursery acres to be irrigated.

Primary: 20.2 Acres Supplemental: 13.0 Acres Nursery Use: 0 Acres

If supplemental acres are listed, provide the Permit or Certificate number of the underlying primary water right(s): N/A

Indicate the maximum total number of acre-feet you expect to use in an irrigation season: 75 AF

- If the use is **municipal or quasi-municipal**, attach **Form M** N/A
- If the use is **domestic**, indicate the number of households: N/A
- If the use is **mining**, describe what is being mined and the method(s) of extraction: N/A

SECTION 6: WATER MANAGEMENT**A. Diversion and Conveyance**

What equipment will you use to pump water from your source?

☒ Pump (give horsepower and type): One (1) 1.3-HP centrifugal pump and one (1) 2.4-HP centrifugal pump

☐ Other means (describe):

Provide a description of the proposed means of diversion, construction, and operation of the diversion works and conveyance of water.

Stored water will be diverted at the proposed point of diversion by skid mounted centrifugal pumps. The suction hose in the river for each pump will be equipped with a fish screen. The diversion pump will deliver water to a buried PVC mainline that will deliver water via a closed pipe system to the lands to be irrigated.

B. Application Method

What equipment and method of application will be used? (e.g., drip, wheel line, high-pressure sprinkler)

Water will be applied using wheel lines with 7/32-inch nozzle sprinklers.