

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
Reservoir and unnamed stream	Primary Irrigation	April 30 to October 1	38.7 ☐ cfs ☐ gpm X af
			☐ cfs ☐ gpm af
			☐ cfs ☐ gpm ☐ af

Please indicate the number of primary acres to be irrigated.

Primary: 141.6 Acres Supplemental: _____ Acres

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

Indicate the maximum total number of acre-feet new water you expect to use in an irrigation season: 50.0 ac ft

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

SECTION 6: WATER MANAGEMENT

A. Diversion and Conveyance

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

X Pump (give horsepower and type): 40 horse power centrifugal

☐ Other means (describe):

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

The 10" diameter PVC irrigation and reservoir drain conduit encased in concrete will supply reservoir water to the pump.

B. Application Method

What equipment and method of application will be used? (e.g., drip, wheel line, high-pressure sprinkler) Hand move, high pressure sprinkler lines will apply water to the undulating fields.

C. Conservation

Please describe why the amount of water requested is needed and measures you propose to: prevent waste; measure the amount of water diverted; prevent damage to public uses of affected surface waters.

Irrigation water applications will be determined by crop water need. Rotating irrigated fields and partial irrigation will probably be used.

of main canals, ditches, pipelines or flumes (if well is outside of the area of use)