UNDERGROUND STORAGE SUPPLEMENT
TO APPLICATION TO APPROPRIATE WATER BY PERMIT

1. State amount of water to be diverted to underground storage from each point of diversion in item 3b of form APP.
   a. Maximum Rate of diversions (1)  \(210\) (2) \(2\) (3) \(0\) cfs
   b. Maximum Annual Amount (1) \(570\) (2) \(2\) (3) \(0\) acre-feet

2. Describe any works used to divert to offstream spreading grounds or injection wells not identified in item 7 of form APP.
   All works used divert to offstream spreading grounds are identified in Attachment 1 in response to Item 3 of the Application form.

3. Describe spreading grounds and identify its location and number of acres or location of upstream and downstream limits if onstream.
   The spreading ground consists of an existing infiltration basin with a 74-acre surface area, as identified on the map accompanying the Application, Attachment 4.

4. State depth of groundwater table in spreading grounds or immediate vicinity:
   112 feet below ground surface on 1/16/2011 \(\times\) \(XX\) measured at a point located within the NE \(\times\) 4 of NE \(\times\) 4 of Section 25, T 5S, R 12E, MD B&M

5. Give any historic maximum and or minimum depths to the groundwater table in the area.
   Location 5S/11E-25A1 Maximum 119.8 feet below ground surface on 11/15/2010 (date)
   Location 5S/11E-25A1 Maximum 45 feet below ground surface on 2/1/1965 (date)

6. Describe proposed spreading operation.
   See Attachment 1 response to Item 3 of the Application form.
7. Describe location, capacity and features of proposed pretreatment facilities and/or injected wells.

NA

8. Reference any available engineering reports, studies, or data on the aquifer involved.


9. Describe underground reservoir and attach a map or sketch of its location.

See Map, Attachment 4 to Application form. Also see letter-report by ePUR and Wood Rogers "Eastside Water District - Geologic, Hydrologic, and Hydrogeologic Characterizations for Potential Managed Aquifer Recharge of Diffused Stormwater", 11/6/2014 (attached hereto).

10. State estimated storage capacity of underground reservoir.

Per CA DWR Bulletin 118, the total storage capacity of the Turlock Subbasin is estimated to be 30,000,000 acre-feet to the base of fresh groundwater.

11. Describe existing use of the underground storage reservoir and any proposed change in its use.

The underground storage reservoir is currently used for municipal, domestic, commercial, industrial, stockwatering, and irrigation purposes. Eastside Water District users primarily use water from the underground storage reservoir for irrigation purposes. Change in use will be minimal because this is a pilot project.

12. Describe the proposed method and location of measurement of water placed into and withdrawn from underground storage.

See Attachments 1 and 4 to Application form for measurement of water placed into underground storage. Water withdrawn from storage will be measured based on changes in groundwater level as determined from 16 monitoring wells, 5 of which are CASGEM wells (see Attachment 4 for monitoring well locations).

Additional copies of this form and water right information can be obtained at www.waterrights.ca.gov.

California Environmental Protection Agency

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