

# SUMMERS ENGINEERING

887 N. Irwin St. – PO Box 1122  
Hanford, CA 93232

## MEMORANDUM

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TO: The Grassland Basin Drainers Steering Committee

FROM: Chris Linneman

DATE: February 28, 2022

SUBJECT: Request for Direction - Policy on Drainage Treatment Pilot Projects

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Historically, the SJRIP has hosted small scale pilot treatment test systems on the property in an area developed for this purpose. Typically, these pilot tests have a flow capacity of 5-10 gpm, have a power draw of about 20 amps, and operate from 6 weeks to 4 months. With these pilot project, the (unwritten) policy has been to provide them with the space to operate, power and drain water to run through their project. All funding, equipment/materials, and labor is up to them to provide.

There are some costs associated with providing the water and power to these projects, however the power meter is shared with two SJRIP pumps so the treatment site power costs can't be separated. Additionally, the pilot test area requires regular maintenance and repairs. These costs have been borne by the GBD.

Recently, there has been a resurgence in interest in pilot tests. Carollo engineers is currently operating a treatment test; Water Solutions has requested to use the site for a test; UC Berkley (through Karl Longley) have requested a tour of the site for potential test; and UCLA has indicated that they plan to restart their system, which has been onsite for several years.

In addition to water and power costs, these treatment test require substantial time from Summers Engineering in the form of meetings and tours to provide background data and explain the needs and goals of the GDA related to treatment. These costs are also covered by the GBD.

### Request for Direction:

I would like direction on the following items:

- Is it the preference of the Steering Committee to continue to support these pilot treatment tests? If so, at whose discretion will it be to decide which tests to support?
- Is the current policy on allocation of costs acceptable? Costs for power, maintenance and repair of the treatment test site and any engineering will be borne by the GBD.
- I would like to have a standard agreement to use with treatment groups that sets the limits of support, access authority, and limits of liability.