

**DOCKETED**

|                         |                            |
|-------------------------|----------------------------|
| <b>Docket Number:</b>   | 21-AFC-02                  |
| <b>Project Title:</b>   | Gem Energy Storage Center  |
| <b>TN #:</b>            | 240768-15                  |
| <b>Document Title:</b>  | Appendix 5_15B             |
| <b>Description:</b>     | N/A                        |
| <b>Filer:</b>           | Kari Miller                |
| <b>Organization:</b>    | Golder Associates USA Inc. |
| <b>Submitter Role:</b>  | Applicant Representative   |
| <b>Submission Date:</b> | 12/1/2021 5:37:30 PM       |
| <b>Docketed Date:</b>   | 12/1/2021                  |

**APPENDIX 5.15D**

**AV WM Water Source Forms/ AV Water  
Production Rights List/ Kern County Well Permit  
Application Forms**

# 2021

## Antelope Valley Watermaster Fee Schedule

(Resolution No. R-21-02)

### Applications, Forms, and Agreements

### Watermaster Fees

|  |                    |
|--|--------------------|
| <b>1. Small Pumpers Qualifying Documentation Application</b>   | <b>\$150.00*</b>   |
| <b>2. New Point of Extractions and Well Applications</b>   |                    |
| A. Monitoring Well Application   | <b>\$50.00*</b>    |
| B. Use of Production Rights at a New Point of Extraction   | <b>\$675.00*</b>   |
| C. New Point of Extraction Application   | <b>\$675.00*</b>   |
| D. New Point of Extraction Application for Qualified-Small Pumpers   | <b>\$350.00*</b>   |
| E. New Production Application  | <b>\$950.00*</b>   |
| F. Replacement Well Application  | <b>\$150.00*</b>   |
| <b>3. Water Transfer Requests</b>  |                    |
| A. Temporary and/or less than 10 AF  | <b>\$725.00*</b>   |
| B. Permanent and/or greater than or equal to 10 AF   | <b>\$1,075.00*</b> |
| <b>4. Storage Agreements</b> - Time and Materials: \$5,000 - \$15,000 Deposit determined by the Watermaster and based upon the level of complexity of the Storage Agreement. Reimbursement of all such Watermaster expenses (administration, engineering, and legal) shall be a prerequisite to Watermaster approval of the Storage Agreement. |                    |

\* Pursuant to Section 19.j of the Watermaster Rules and Regulations (Watermaster Resolution No. R-21-01), in addition to the fixed fees listed above, the Watermaster may, in its reasonable discretion, require any applicant to reimburse the Watermaster for any or all of its legal expenses incurred when processing such application, depending upon the level of complexity of the application under consideration. Reimbursement of all such Watermaster legal expenses shall be a prerequisite to Watermaster approval of the application.

# TRANSFER REQUEST FORM

## ANTELOPE VALLEY WATERMASTER

Please include an application fee according to the fee schedule posted on the Watermaster website:

<https://avwatermaster.net>. Make check out to: Antelope Valley Watermaster

Mail to: Antelope Valley Watermaster, 5022 West Ave N, Palmdale, CA 93551 Suite 102 #158 OR email to: [info@avwatermaster.net](mailto:info@avwatermaster.net)

Call Watermaster Administrative staff at 661-234-8233 with questions. *Transfer Requests review could take up to 60 days.*

PERMANENT TRANSFER? Yes or No or TEMPORARY/ONE-TIME TRANSFER? Yes or No

**IF TRANSFER DUE TO CHANGE IN LAND OWNERSHIP, PLEASE ATTACH DEED AS PROOF OF SALE OR A PRELIMINARY TITLE REPORT**

Date Requested \_\_\_\_\_ Amount Requested \_\_\_\_\_ acre-feet

If Temporary, Calendar Year(s) to be Used \_\_\_\_\_

Which Party will be paying the annual Administrative Assessment(s) for the transferred water? \_\_\_\_\_

Is either Party a member of the Antelope Valley United Mutuals Group? Yes or No

**TRANSFER FROM (SELLER/TRANSFEROR):**

Name \_\_\_\_\_ Street Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip Code \_\_\_\_\_

Phone \_\_\_\_\_ email \_\_\_\_\_

APN#(s) where transfer originates (i.e., production well location(s)) \_\_\_\_\_

APN#(s) (or water supply service area) where groundwater was used \_\_\_\_\_

**TRANSFER TO (BUYER/TRANSFeree):**

Name \_\_\_\_\_ Street Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip Code \_\_\_\_\_

Phone \_\_\_\_\_ email \_\_\_\_\_

**Note: Legal notices under the Judgment will be sent to the above email address. You are required to keep this information up to date. Please notify the Watermaster of any changes.**

APN#(s) (or water supply service area) where transfer will be pumped and used \_\_\_\_\_

**Purpose of Transfer:**

- Permanent Transfer resulting from Property Sale/Transfer [PLEASE ATTACH DEED OR PRELIMINARY TITLE REPORT]
- Additional Source of Water
- Other, explain \_\_\_\_\_

**Water is to be Transferred from/to: (transferred water retains its original water type):**

- Current Year Production Right: amount \_\_\_\_\_ acre-feet
- Carry Over Water: amount \_\_\_\_\_ acre-feet
- Storage: amount \_\_\_\_\_ acre-feet
- Other, explain \_\_\_\_\_

(Transferred water retains its original water type – e.g., transferred Carry Over Water remains Carry Over water)

**WATER QUALITY AND WATER LEVELS (not required if transfer is in association of change of land ownership)**

Are Parties aware of any water quality issues that exist in either the area transferred from or to? Yes or No

If yes, please explain: \_\_\_\_\_  
\_\_\_\_\_

Please provide groundwater elevations in the areas affected by the transfer. \_\_\_\_\_

Are Parties aware of any water level issues that exist in either the area transferred from or to? Yes or No

If yes, please explain: \_\_\_\_\_  
\_\_\_\_\_

**MAPS**

➔ Please include a map of the area where the water was used by the Transferor and a map of the area where the water is intended to be used by the Transferee. Include locations of production facilities involved in or affected by the Transfer. This map can include all possible locations of past source and use and future source and use.

**SECURITY INTEREST OR LIENHOLDERS**

For Permanent Transfers, please provide a list of all parties with a recorded security interest, deed of trust or a lien in such real property or in crops growing or to be grown thereon, and attach copies of written notices to such parties and copies of return receipts. \_\_\_\_\_

**The transfer shall be conditioned upon:**

1. Transferee shall succeed to the right of Transferor under the terms of the Judgment.
2. Transferee shall only use Transferred waters for reasonable and beneficial uses.
3. Any Transferee not already a Party to the Judgment must intervene and become a Party to the Judgment.
4. All applicable assessments (Administrative and Balance) and transfer fees are paid in full.
5. If the Watermaster determines that the transfer has resulted in a material injury, the parties will be required to work with the Watermaster Board to mitigate that material injury.
6. For Permanent Transfers, the Parties agree to duly record in the office of the appropriate County Recorder a document reflecting the Permanent Transfer reflected in this Transfer Form.
7. The Transfer Request Form must bear the notarized signatures of both the transferor and the transferee.

**SIGNATURES**

I understand and agree to abide by the terms of the Antelope Valley Adjudication Judgment. I swear under penalty of perjury that the information provided on this Transfer Request Form is correct to the best of my knowledge, that I am authorized to enter into this Transfer on behalf of the party indicated below and to bind that party on whose behalf I am signing, and that signing this Transfer Request Form is within the scope of my authority, and that the signature below, whether original, electronic, or photocopied, is authorized and valid, and is affixed with the intent to be enforceable. I understand that it is my responsibility to notify the Antelope Valley Watermaster of any changes in any of the information provided on this form within 15 days. I also understand that additional information may be required if there is a suspected potential for a material injury as defined in the Judgment.

Signature of Transferor \_\_\_\_\_ Date \_\_\_\_\_

Signature of Transferee \_\_\_\_\_ Date \_\_\_\_\_

**To be completed by the Watermaster:**

Watermaster Engineer Approval \_\_\_\_\_ Date \_\_\_\_\_

Watermaster Board Approval \_\_\_\_\_ Date \_\_\_\_\_

# NEW POINT OF EXTRACTION WELL APPLICATION\*

## ANTELOPE VALLEY WATERMASTER

Please include an application fee according to the fee schedule posted on the Watermaster website:

<https://avwatermaster.net>. Make check out to: Antelope Valley Watermaster

Mail to: Antelope Valley Watermaster, 5022 West Avenue N, Palmdale, CA 93551 Suite 102 #158 OR email to:

[info@avwatermaster.net](mailto:info@avwatermaster.net) Call Watermaster Administrative staff at 661-234-8233 with questions.

*\*This form is to be used by applicants with existing production rights to install a new well at a new point of extraction as defined by the Judgment. Please use the Replacement Well Application if the proposed well will be within 300 feet from an existing well from which the rights to produce groundwater originate. If new production rights are being requested, please use the New Production Application.*

Date \_\_\_\_\_ Well Site APN \_\_\_\_\_  
Property Owner/Well Owner \_\_\_\_\_  
Property Owner/Well Owner Mailing Address \_\_\_\_\_  
Property Address, if different than Owner's Address \_\_\_\_\_  
Contact Phone Number \_\_\_\_\_ Contact email \_\_\_\_\_  
Owner's name as Appears in Antelope Valley Adjudication Judgment \_\_\_\_\_  
Production Rights as listed in Antelope Valley Adjudication Judgment \_\_\_\_\_ acre-feet/year

### Driller Information

Drilling Company \_\_\_\_\_  
Drilling Company Address \_\_\_\_\_  
Drilling Company Phone Number \_\_\_\_\_ Drilling Company email \_\_\_\_\_

### Existing Well Information, if applicable and if not already provided to the Watermaster Engineer

Will the New Well replace an Existing Well? \_\_\_\_\_ Existing Well Latitude/Longitude (or x, y) \_\_\_\_\_  
Will the New Well be used in order to stop sharing a well? \_\_\_\_\_ **Please provide a copy of the shared well agreement.**  
Estimated future annual production of the Existing Well once the New Well has been constructed \_\_\_\_\_  
Will the Existing Well be destroyed? \_\_\_\_\_ If not, why not? \_\_\_\_\_  
Existing Well pumping capacity \_\_\_\_\_ gpm Average annual production from Existing Well \_\_\_\_\_ acre-feet/year  
Use(s) of the Existing Well (agricultural, domestic, industrial, municipal, monitoring, etc.) \_\_\_\_\_  
Status (active, inactive) \_\_\_\_\_  
Existing Well construction date \_\_\_\_\_ Casing Materials \_\_\_\_\_ Casing Diameter \_\_\_\_\_ inches  
Surface seal material and depth \_\_\_\_\_ Screened interval \_\_\_\_\_ feet below ground surface  
Well Depth \_\_\_\_\_ feet Ground surface elevation \_\_\_\_\_ feet above mean sea level  
Depth to water \_\_\_\_\_ feet  
Please attach a copy of the DWR Well Completion Report, if available.

**New Well Information**

Will this be a New or Replacement Well? \_\_\_\_\_ Distance from Existing Well (please use the *New or Replacement Well Application for Existing Production Rights* form if the distance will be within 300 feet) \_\_\_\_\_

New Well Latitude/Longitude (or x, y) \_\_\_\_\_

Use(s) of New Well (agricultural, domestic, industrial, municipal, monitoring, etc.) \_\_\_\_\_

Estimated New Well pumping capacity \_\_\_\_\_ gpm Estimated annual production from New Well \_\_\_\_\_ acre-feet/year

Do other wells exist on this property? \_\_\_\_\_ If Yes, indicate if active, inactive, or abandoned and show on Site Plan

Will a meter be installed on the well at the time of construction? \_\_\_\_\_ If not, when will the meter be installed? \_\_\_\_\_

**Proposed New Well Construction**

➔ Please attach a diagram showing proposed well construction, including maximum well depth, casing diameter and materials, ground surface elevation, screen intervals, and estimated pumping capacity. A completed DWR Well Completion Report is required to be submitted to the Antelope Valley Watermaster upon completion of well.

**Site Plan**

➔ Please attach an 8½" by 11" paper site plan (legible hand written on Google map acceptable) with a north arrow and approximate scale to this application showing:

1. Location of site features, including major buildings, landscaped areas, all existing wells, roads, etc.
2. Locations of proposed well and existing well(s) with dimensions in feet from wells to nearest cross streets.

**Material Injury (written statement not required for Small Pumper Class members requesting a combined total of <3 AFY)**

➔ A written statement describing how the New Point of Extraction will not cause Material Injury. Material Injury could be in the form of significant and unreasonable 1. Chronic lowering of groundwater levels such that neighboring wells are impacted, 2. Reduction of groundwater storage, 3. Degraded water quality, 4. Land subsidence, 5. Depletions of interconnected surface water such that beneficial uses are impacted, or other adverse physical impact to the basin or to another Producer.

**Signatures**

I understand and agree to abide by the terms of the Antelope Valley Adjudication Judgment. I certify that the information given in this application is correct to the best of my knowledge and that the signature below, whether original, electronic, or photocopied, is authorized and valid, and is affixed with the intent to be enforceable. I understand that it is my responsibility, as the well owner, to notify the Antelope Valley Watermaster of any changes in the purpose or pumping capacity of this well, from which, is indicated on this application. I also understand that additional information may be required if there is a suspected potential for a material injury as defined in the Judgment.

Signature of Property Owner/Well Owner \_\_\_\_\_ Date \_\_\_\_\_

Signature of Well Driller \_\_\_\_\_ Date \_\_\_\_\_

Signature of Consultant/Agent \_\_\_\_\_ Date \_\_\_\_\_

|  |            |
|--|------------|
| <b>To be completed by the Watermaster:</b> |            |
| Watermaster Engineer Approval _____        | Date _____ |
| Watermaster Board Approval _____           | Date _____ |

This application is not for a well construction permit; a completed and approved application must be submitted to the appropriate well permitting agency (e.g., Kern or Los Angeles Counties) for a well construction permit, if the well is to be installed within the Antelope Valley Adjudicated Area.



# NEW PRODUCTION APPLICATION

## ANTELOPE VALLEY WATERMASTER

Please include an application fee according to the fee schedule posted on the Watermaster website:  
<https://avwatermaster.net>. Make check out to: Antelope Valley Watermaster

Mail to: Antelope Valley Watermaster, 5022 West Avenue N, Palmdale, CA 93551 Suite 102 #158 OR email to: [info@avwatermaster.net](mailto:info@avwatermaster.net)

Call Watermaster Administrative staff at 661-234-8233 with questions.

Date \_\_\_\_\_ Proposed Well Site APN \_\_\_\_\_

Property Owner/Well Owner \_\_\_\_\_

Property Owner/Well Owner Mailing Address \_\_\_\_\_

Contact Phone Number \_\_\_\_\_ Contact email \_\_\_\_\_

New Well Latitude/Longitude (or x, y) \_\_\_\_\_ Antelope Valley Subarea: \_\_\_\_\_

Use of New Well (Agricultural, Domestic, Industrial, Municipal, Monitoring, etc.) \_\_\_\_\_

If Domestic well, will well be used to supply one single family household only? Yes/No. \_\_\_\_\_

Do other wells exist on this property? Yes/No. If Yes, indicate if active, inactive, or abandoned and show on Site Plan.

When will a meter be installed on the well? \_\_\_\_\_

### New Production requests are to include the following (Section 18.5.13 of the Judgment):

1. Payment of an application fee sufficient to recover all costs of application review, field investigation, reporting, and hearing, and other associated costs, incurred by the Watermaster and Watermaster Engineer in processing the application for New Production. Please attach a check to this application submittal for the fee associated with a New Production application as per the fee schedule posted on the Watermaster website. Check can be made out to Antelope Valley Watermaster.
2. Written summary describing the proposed quantity, sources of supply, season of use, purpose of use, place of use, manner of delivery, and other pertinent information regarding the New Production.
3. Maps<sup>1</sup> identifying the location of the proposed New Production, including Basin Subarea.
4. Well information<sup>2</sup> including proposed well design, estimated annual pumping, and agreement to install a meter in accordance with the Rules & Regulations. Plus, a statement that once the well is installed, the applicant will provide water well permits, specifications and well-log reports, pump specifications and testing results, and water meter specifications associated with the New Production.
5. Written confirmation that applicant has obtained all necessary entitlements and permits including all applicable Federal, State, County, and local land use entitlements and other permits necessary to commence the New Production.
6. Written confirmation that applicant has complied with applicable laws and regulations including all applicable Federal, State, County, and local laws, rules and regulations, including but not limited to, the California Environmental Quality Act (Public Resources Code §§ 21000, et. seq.).
7. Preparation of a water conservation plan, approved and stamped by a California licensed and registered professional civil engineer with expertise in groundwater hydrology, demonstrating that the New Production will be designed, constructed and implemented consistent with California best water management practices.
8. Preparation of an analysis of the economic impact of the New Production on the Basin and other Producers in the Subarea of the Basin.
9. Preparation of an analysis of the physical impact of the New Production on the Basin and other Producers in the Subarea of the Basin.
10. A written statement, signed by a California licensed and registered professional civil engineer with expertise in groundwater hydrology, determining that the New Production will not cause Material Injury. Material injury could be in the form of significant and unreasonable 1. Chronic lowering of groundwater levels, 2. Reduction of groundwater storage, 3. Degraded

<sup>1</sup> Maps are to include North arrow and scale, location of proposed well with dimensions in feet from well to nearest cross streets, and location of site features, including major buildings, landscaped areas, all existing wells, roads, etc.

<sup>2</sup> Please attach a diagram showing proposed well construction, including maximum well depth, casing diameter and materials, ground surface elevation, screen intervals, and estimated pumping capacity. A completed DWR Well Completion Report is required to be submitted to the Antelope Valley Watermaster upon completion of well.

water quality, 4. Land subsidence, 5. Depletions of interconnected surface water such that beneficial uses are impacted.

11. Written confirmation that the applicant agrees to pay the applicable Replacement Water Assessment for any New Production.
12. Other pertinent information which the Watermaster Engineer may require.

**In addition, all New Production applicants who are not Parties to the Judgment<sup>3</sup> are to comply with Section 20.9 of the Judgment, consult with the Watermaster Engineer, and seek the Watermaster’s stipulation to allow them to intervene to become bound by the Judgment prior to commencing Production. The non-Party applicant must file a motion to intervene with the court that includes reference to their effort to obtain the Watermaster’s stipulation to the intervention. It is strongly recommended that the non-Party applicant consult with a lawyer to assist them with compliance with Section 20.9 of the Judgment. If applicant believes they are part of the Non-Pumper Class (see footnote below) and therefore does not need to intervene in the Judgment, please provide supporting documents or statements demonstrating adherence to items 1-6 in the footnote.**

**SIGNATURES**

Under penalty of perjury, I understand and agree to be bound by the terms of the Antelope Valley Adjudication Judgment and to pay the applicable Replacement Water Assessment for any New Production. I certify that the information provided on this Request for New Production is correct to the best of my knowledge and that the signature below, whether original, electronic, or photocopied, is authorized and valid, and is affixed with the intent to be enforceable. I understand that it is my responsibility to notify the Antelope Valley Watermaster of any changes in any of the information provided on this form within 15 days. I also understand that additional information may be required if there is a suspected potential for a material injury as defined in the Judgment.

Signature of Applicant \_\_\_\_\_ Date \_\_\_\_\_

|  |            |
|--|------------|
| <b>To be completed by the Watermaster:</b> |            |
| Watermaster Engineer Approval _____        | Date _____ |
| Watermaster Board Approval _____           | Date _____ |

NOTE: This application is not for a well construction permit; a completed and approved application must be submitted to the appropriate well permitting agency (e.g., Kern or Los Angeles Counties) for a well construction permit, if the well is to be installed within the Antelope Valley Adjudicated Area.

<sup>3</sup> An applicant may already be a Party to the Judgment if they are part of the Non-Pumper Class (Willis Class) and meet the criteria described in Section 3.5.22 of the Judgment, as follows:

1. They are a private party and not a “governmental” entity.
2. They (or their successor in interest—see no.4 below) own real property within the Adjudicated Area and were not pumping water at the time of the Judgment being entered as of December 2015.
3. They (or their successor in interest—see no. 4 below) did not pump water on their property “at any time during the five Years preceding January 18, 2006.”
4. Non-Pumper class status applies to those who are successors in title or interest (via gift or purchase or inheritance or otherwise) to a Non-Pumper Class member’s land that meets the above criteria.
5. Note the term “Non-Pumper Class Member” does not apply to those who opted out or to those connected to a municipal water system, public utility, or mutual water company from which they receive water service. Also, their land cannot be considered “improved” by the Assessor’s Office of Los Angeles or Kern County, unless the person declares under penalty of perjury that they do not pump and have never pumped water on those properties.
6. Finally, the Non-Pumper Class does not include anyone individually named in the Public Water Suppliers’ cross-complaint unless those persons opted into the Non-Pumper Class.

# NON-PRODUCTION WELL APPLICATION

(e.g., Monitoring Wells)

ANTELOPE VALLEY WATERMASTER

Please include an application fee according to the fee schedule posted on the Watermaster website:

<https://avwatermaster.net>. Make check out to Antelope Valley Watermaster

Please mail to Antelope Valley Watermaster 5022 West Avenue N, Palmdale, CA 93551 Suite 102 #158 OR email to

[info@avwatermaster.net](mailto:info@avwatermaster.net)

Call Watermaster Administrative staff at 661-234-8233 with questions.

*This form is for applicants to request a non-production well (monitoring wells, test wells, and cathodic protection wells). Non-production wells are used for groundwater sampling and monitoring only (<.25 AFY).*

Date \_\_\_\_\_ Well Site APN \_\_\_\_\_

Property Owner/Well Owner \_\_\_\_\_

Property Owner/Well Owner Mailing Address \_\_\_\_\_

Property Address, if different than Owner's Address \_\_\_\_\_

Contact Phone Number \_\_\_\_\_ Contact email \_\_\_\_\_

## Driller Information

Drilling Company \_\_\_\_\_

Drilling Company Address \_\_\_\_\_

Drilling Company Phone Number \_\_\_\_\_ Drilling Company email \_\_\_\_\_

## Reason for Monitoring Well:

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## Monitoring Well Information

Monitoring Well Latitude/Longitude \_\_\_\_\_

Do other wells exist on this property? \_\_\_\_\_ If Yes, indicate if active, inactive, or abandoned and show on Site Plan



## Site Plan

An 8½" by 11" paper site plan must be attached to this application showing:

1. Location of site features, including major buildings, landscaped areas, all existing wells, roads, etc.
2. North arrow and scale.
3. Locations of proposed well and existing well(s) with dimensions in feet between wells and to nearest cross streets.



## Proposed Well Construction

Please attach a diagram showing proposed well construction, including maximum well depth, casing diameter and materials, ground surface elevation, screen intervals, and estimated pumping capacity. A completed DWR Well Completion Report and publicly available monitoring data collected are required to be submitted to the Antelope Valley Watermaster upon completion of well.

**Signatures**

I understand and agree to abide by the terms of the Antelope Valley Adjudication Judgment. I certify that the information given in this application is correct to the best of my knowledge and that the signature below, whether original, electronic, or photocopied, is authorized and valid, and is affixed with the intent to be enforceable. I understand that it is my responsibility, as the well owner, to notify the Antelope Valley Watermaster of any changes in the purpose or pumping capacity of this well, from which is indicated on this application and agree to provide the Watermaster with all publicly available monitoring data.

Signature of Property Owner/Well Owner \_\_\_\_\_ Date \_\_\_\_\_

Signature of Well Driller \_\_\_\_\_ Date \_\_\_\_\_

Signature of Consultant/Agent \_\_\_\_\_ Date \_\_\_\_\_

|   |
|---|
| <p><b>To be completed by the Watermaster:</b></p> <p>Watermaster Staff Approval _____ Date _____</p> <p>Watermaster Board Approval _____ Date _____</p> |
|---|

This application is not for a well construction permit; a completed and approved application must be submitted to the appropriate well permitting agency (e.g., Kern or Los Angeles Counties) for a well construction permit, if the well is to be installed within the Antelope Valley Adjudicated Area.



**New Point of Extraction Property Owner/Well Owner Information**

Production Right/Producer Name (as it Appears in the Judgement) that is associated with the well \_\_\_\_\_

Contact Name \_\_\_\_\_

Contact Mailing Address \_\_\_\_\_

Contact Phone Number \_\_\_\_\_ Contact email \_\_\_\_\_

**New Point of Extraction Well(s) Location and Production Information** Subarea \_\_\_\_\_

| Watermaster ID #<br>(as assigned) | State Well<br>Number | APN's Associated with<br>the Production | Well Designation | Estimated Annual<br>Production (AFY) |
|-----------------------------------|----------------------|---|------------------|--------------------------------------|
|                                   |                      |   |                  |                                      |
|                                   |                      |   |                  |                                      |
|                                   |                      |   |                  |                                      |
|                                   |                      |   |                  |                                      |
|                                   |                      |   |                  |                                      |

(Use separate page if needed)

Does this well have meter documentation approved by the Watermaster Engineer? \_\_\_\_\_

Existing use(s) of the Well (agricultural, domestic, industrial, municipal, monitoring, etc.) \_\_\_\_\_

**New Point of Extraction Well Information**

Well pumping capacity \_\_\_\_\_ gpm

Use(s) of the Well (agricultural, domestic, industrial, municipal, monitoring, etc.) \_\_\_\_\_

Well construction date \_\_\_\_\_ Casing Materials \_\_\_\_\_ Casing Diameter \_\_\_\_\_ inches

Surface seal material and depth \_\_\_\_\_ Screened interval \_\_\_\_\_ feet below ground surface

Well Depth \_\_\_\_\_ feet Ground surface elevation \_\_\_\_\_ feet above mean sea level

Depth to water \_\_\_\_\_ feet

Please attach a copy of the DWR Well Completion Report, if available.

**Site Plan**

➡ Please attach an 8½" by 11" paper site plan (legible hand written on Google map acceptable) with a north arrow and approximate scale to this application showing:

1. Location of site features, including major buildings, landscaped areas, all existing wells, roads, etc.
2. Locations of proposed New Point of Extraction well and existing well(s) with dimensions in feet from wells to nearest cross streets.

**Material Injury**

➡ A written statement describing how the New Point of Extraction will not cause Material Injury. Material Injury could be in the form of significant and unreasonable 1. Chronic lowering of groundwater levels such that neighboring wells are impacted, 2. Reduction of groundwater storage, 3. Degraded water quality, 4. Land subsidence, 5. Depletions of interconnected surface water such that beneficial uses are impacted, or other adverse physical impact to the basin or to another Producer.

**Signatures**

I understand and agree to abide by the terms of the Antelope Valley Adjudication Judgment. I certify that the information given in this application is correct to the best of my knowledge and that the signature below, whether original, electronic, or photocopied, is authorized and valid, and is affixed with the intent to be enforceable. I understand that it is my responsibility, as the well owner, to notify the Antelope Valley Watermaster of any changes in the purpose or pumping capacity of this well, from which, is indicated on this application. I also understand that additional information may be required if there is a suspected potential for a material injury as defined in the Judgment.

Signature of Producer/Applicant \_\_\_\_\_ Date \_\_\_\_\_

Signature of Property Owner/Well Owner \_\_\_\_\_ Date \_\_\_\_\_

Signature of Consultant/Agent \_\_\_\_\_ Date \_\_\_\_\_

|  |            |
|--|------------|
| <b>To be completed by the Watermaster:</b> |            |
| Watermaster Engineer Approval _____        | Date _____ |
| Watermaster Board Approval _____           | Date _____ |

This application is not for a well construction permit; a completed and approved application must be submitted to the appropriate well permitting agency (e.g., Kern or Los Angeles Counties) for a well construction permit, if the well is to be installed within the Antelope Valley Adjudicated Area.

|  |   |  |
|--|---|--|
| <i>For Antelope Valley Watermaster use only:</i> |   |  |
| All Meters Approved <input type="checkbox"/>     | Completed Production Reports <input type="checkbox"/> | No outstanding invoices <input type="checkbox"/> |

## AV Water Production Rights List



**Table 2 Exhibit 4 Overlying Producers Water Available for Use in 2019**

September 9, 2019

| Original Exhibit 4 Overlying Producers                        | Transferees                                     | Production Right (AFY) | 2019 Water Sources (AF) |                                      |                                     |  |
|---|---|------------------------|-------------------------|--------------------------------------|-------------------------------------|--|
|   |   |                        | 2019 Rampdown           | Imported Water Return Flows for 2019 | Carry Over Water for use in 2019    | Transfers (Not Permanent) <sup>4</sup> |
|   |   | Judgment               | Rampdown Tables         | Imported Water Use Table from AVEK   | See 2018 Annual Report Table B-2    | See 2018 Annual Report Appendix F      |
| 60th Street Association Water System                          | -   | 2.16                   | 2.16                    | 0.00                                 | Missing annual Production Report(s) | -                                      |
| Adams Bennett Investments, LLC                                | -   | 0.00                   | 0.00                    | 0.00                                 | Missing annual Production Report(s) | -                                      |
| Antelope Park Mutual Water Company                            | -   | 169.89                 | 195.80                  | 0.00                                 | 167.12                              | -                                      |
| Antelope Valley Joint Union High School District <sup>1</sup> | -   | 41.00                  | 61.49                   | 0.00                                 | 0.00                                | -                                      |
| Antelope Valley Mobile Estates                                | -   | 8.75                   | 16.17                   | 0.00                                 | Missing annual Production Report(s) | -                                      |
| Antelope Valley Water Storage LLC                             | -   | 1,772.00               | 1,772.00                | 0.00                                 | 1,999.16                            | -                                      |
| Antelope Valley-East Kern Water Agency (AVEK) <sup>2</sup>    | -   | 3,550.00               | 3,850.00                | 862.73                               | 3,346.33                            | -                                      |
| Aqua-J Mutual Water Company                                   | -   | 44.35                  | 44.72                   | 0.00                                 | 64.15                               | -                                      |
| AV Solar Ranch 1, LLC   | -   | 96.00                  | 96.00                   | 0.00                                 | 252.54                              | -                                      |
| Averydale Mutual Water Company                                | -   | 254.35                 | 256.75                  | 0.00                                 | 32.17                               | -                                      |
| Bahlman: Gene Bahlman   | Hernandez: Luis Hernandez; property sale (2017) | 5.00                   | 5.17                    | 0.00                                 | 4.00                                | -                                      |
| Baxter Mutual Water Company                                   | -   | 35.02                  | 41.51                   | 0.00                                 | 0.00                                | -                                      |
| Benz: Mark W. And Nancy L. Benz                               | Terrazas: Gloria Terrazas; property sale (2015) | 1.00                   | 1.00                    | 0.00                                 | Missing annual Production Report(s) | -                                      |
| Big Rock Mutual Water Company                                 | -   | 0.00                   | 0.00                    | 0.00                                 | Missing annual Production Report(s) | -                                      |
| Brittner Trust, Glen Brittner, Trustee                        | -   | 4.00                   | 4.00                    | 0.00                                 | 0.00                                | -                                      |
| Bleich Flat Mutual Water Company                              | -   | 33.50                  | 33.50                   | 0.00                                 | Missing annual Production Report(s) | -                                      |
| Blum: Sheldon R. Blum, Trustee of the 1998 Family Trust       | -   | 50.00                  | 50.00                   | 0.00                                 | 150.00                              | -                                      |
| Bolthouse Properties LLC                                      | -   | 9,945.00               | 14,518.93               | 0.00                                 | 0.00                                | -                                      |
| Bookman: Thomas and Julie Bookman 2007 Trust                  | -   | 136.00                 | 227.00                  | 0.00                                 | 136.87                              | -                                      |
| Borax: U.S. Borax   | -   | 1,905.00               | 1,905.00                | 414.69                               | 3,375.23                            | -                                      |
| Bridwell: James and Elizabeth Bridwell                        | -   | 1.00                   | 1.00                    | 0.00                                 | Missing annual Production Report(s) | -                                      |
| Burrows/200 A40 H LLC   | -   | 295.00                 | 295.00                  | 0.00                                 | Missing annual Production Report(s) | -                                      |
| Calandri Water Company, LLC (Sonrise Farms) <sup>3</sup>      | -   | 1,776.00               | 3,127.33                | 0.00                                 | 0.00                                | -                                      |
| Cardile: Sal and Connie Cardile                               | Pool: Noel Pool; property sale (2015)           | 1.00                   | 1.00                    | 0.00                                 | Missing annual Production Report(s) | -                                      |
| Carle: Irma Ann Carle Trust, Irma-Anne Carle, Trustee         | -   | 1.00                   | 1.00                    | 0.00                                 | 0.00                                | -                                      |
| Chavez: Effren Chavez   | -   | 44.00                  | 44.00                   | 0.00                                 | Missing annual Production Report(s) | -                                      |
| City of Los Angeles, Department of Airports                   | -   | 3,975.00               | 6,559.00                | 0.00                                 | 2,320.60                            | -                                      |
| Close: C. Louise R. Close Living Trust                        | -   | 1.00                   | 1.00                    | 0.00                                 | Missing annual Production Report(s) | -                                      |
| Colorado Mutual Water Co.                                     | -   | 25.54                  | 25.78                   | 0.00                                 | 29.53                               | -                                      |
| Copa De Oro Land Company                                      | -   | 325.00                 | 325.00                  | 0.00                                 | 871.40                              | -                                      |
| County Sanitation Districts of Los Angeles 14 & 20            | -   | 3,400.00               | 6,466.67                | 0.00                                 | 9,414.51                            | -2,850.00                              |
| Del Sur Ranch LLC   | -   | 600.00                 | 600.00                  | 0.00                                 | Missing annual Production Report(s) | -                                      |
| Diamond Farming/Crystal Organic LLC/Grimmway/Lapis            | -   | 1,986.00               | 2,898.00                | 0.00                                 | 0.00                                | -                                      |
| Dickey: Randall and Billie Dickey                             | -   | 1.00                   | 1.00                    | 0.00                                 | Missing annual Production Report(s) | -                                      |
| El Dorado Mutual Water Company                                | -   | 272.16                 | 274.75                  | 3.57                                 | 124.90                              | -                                      |
| eSolar Inc.; Red Dawn Suntower LLC                            | RCSD: Exhibit 3 Party                           | 150.00                 | -                       | -                                    | -                                   | -                                      |
| eSolar Inc.; Sierra Sun Tower, LLC                            | -   | 3.00                   | 4.84                    | 0.00                                 | Missing annual Production Report(s) | -                                      |
| eSolar Inc.; Tumbleweed Suntower LLC                          | -   | 0.00                   | 0.00                    | 0.00                                 | Missing annual Production Report(s) | -                                      |
| Evans: Lawrence Dean Evans, Jr. and Susan Evans               | -   | 1.00                   | 1.00                    | 0.00                                 | 3.00                                | -                                      |

**Table 2 Exhibit 4 Overlying Producers Water Available for Use in 2019**

September 9, 2019

| Original Exhibit 4 Overlying Producers   | Transferees  | Production Right (AFY) | 2019 Water Sources (AF) |                                      |                                     |  |
|--|--|------------------------|-------------------------|--------------------------------------|-------------------------------------|--|
|  |  |                        | 2019 Rampdown           | Imported Water Return Flows for 2019 | Carry Over Water for use in 2019    | Transfers (Not Permanent) <sup>4</sup> |
|  |  | Judgment               | Rampdown Tables         | Imported Water Use Table from AVEK   | See 2018 Annual Report Table B-2    | See 2018 Annual Report Appendix F      |
| Evergreen Mutual Water Company   | -  | 68.54                  | 69.18                   | 0.00                                 | 20.61                               | -                                      |
| Findley: Ruth C. Findley   | -  | 1.00                   | 1.00                    | 0.00                                 | Missing annual Production Report(s) | -                                      |
| First Mutual Water Company   | -  | 5.25                   | 12.16                   | 0.00                                 | 5.91                                | -                                      |
| Frankenberg: Leah Frankenberg  | -  | 1.00                   | 1.00                    | 0.00                                 | Missing annual Production Report(s) | -                                      |
| Godde: Steve, Pamela & Gary Godde c/o Rife Silva & Co LLC                      | [Receives IWRF Rights from Forrest Godde (an Exhibit 8 Party (2017))]  | 683.00                 | 1,202.00                | 0.00                                 | 683.00                              | -                                      |
| Gorrindo Resourceful LLC   | -  | 629.00                 | 629.00                  | 0.00                                 | 1,887.00                            | -                                      |
| Granite Construction Company (Big Rock Facility)                               | -  | 126.00                 | 126.00                  | 0.12                                 | 314.92                              | -                                      |
| Granite Construction Company (Little Rock Sand and Gravel, Co.)                | Rampdown & Production Rights split equally between Granite Construction and Little Rock Sand and Gravel (6/27/18 Stipulation and | 234.00                 | 344.67                  | 0.00                                 | 21.29                               | -                                      |
| Griffin: Laura Griffin Trustee of the Family Bypass Trust                      | -  | 668.00                 | 1,002.67                | 0.00                                 | 665.80                              | -                                      |
| H & N Development Co. West Inc.  | -  | 808.00                 | 1,469.17                | 0.00                                 | 0.00                                | -                                      |
| Healy: Jane Healy and Healy Enterprises Inc.                                   | -  | 700.00                 | 700.00                  | 0.00                                 | Missing annual Production Report(s) | -                                      |
| Kyle: Trustees of the Kyle Revocable Living Trust                              | -  | 3,670.00               | 7,406.67                | 0.00                                 | 0.00                                | -                                      |
| Land Projects Mutual Water Co.   | -  | 613.54                 | 619.51                  | 0.00                                 | 95.62                               | -                                      |
| Landale Mutual Water Co.   | -  | 155.57                 | 157.02                  | 4.05                                 | 82.77                               | -                                      |
| Landinv Inc.   | FS Land Holding Company, LLC: 736.44 AF (2016)   | 600.00                 | 600.00                  | 0.00                                 | 367.40                              | -                                      |
|  | 600 AFY to Diamond Farming (217 AF), Crystal Organic (190 AF), Grimmway (193 AF) (2018) Remain with FS Land Holding Company,     | 136.44                 | 658.81                  | 0.00                                 | 1,600.22                            | -                                      |
|  | Radcast: merger, 232.56 AF (2017)  | 232.56                 | 397.52                  | 0.00                                 | 697.68                              | -                                      |
| Lands of Promise Mutual Water Company  | -  | 21.69                  | 50.30                   | 0.00                                 | Missing annual Production Report(s) | -                                      |
| Lane Family Trusts   | -  | 773.00                 | 1,192.33                | 6.17                                 | 96.79                               | -                                      |
| LeClair: Marie A. Unini and Robert J. LeClair                                  | -  | 1.00                   | 1.00                    | 0.00                                 | Missing annual Production Report(s) | -                                      |
| Leer: James M. Leer, III and Diane Leer  | -  | 1.00                   | 1.00                    | 0.00                                 | 1.27                                | -                                      |
| Littlerock Aggregate Co., Inc., Holliday Rock Co., Inc.                        | -  | 151.00                 | 320.33                  | 0.00                                 | 0.00                                | -                                      |
| Llano Del Rio Water Company  | -  | 279.00                 | 474.77                  | 0.00                                 | 563.01                              | -                                      |
| Llano Mutual Water Company   | -  | 0.00                   | 0.00                    | 0.00                                 | 0.00                                | -                                      |
| Maritorea: Trustees of the Maritorea Living Trust                              | -  | 1,775.00               | 3,125.37                | 0.00                                 | 3,639.01                            | -                                      |
| McWilliams: Dennis M. and Diane K. McWilliams                                  | -  | 1.00                   | 1.00                    | 0.00                                 | Missing annual Production Report(s) | -                                      |
| Miner: Richard Miner   | -  | 999.00                 | 1,059.27                | 0.00                                 | 2,093.27                            | -                                      |
| Miracle Improvement Corporation dba Golden Sands Mobile Home Park/Trailer Park | New Goldensands Investment; property sale (2016)   | 27.00                  | 39.27                   | 0.00                                 | 0.00                                | -                                      |
| Munz: 2014 Revocable Trust, Terry A. & Kathleen M. Munz                        | -  | 5.00                   | 5.00                    | 0.00                                 | Missing annual Production Report(s) | -                                      |
| Nebeker: Eugene B. Nebeker   | -  | 1,775.00               | 3,269.00                | 0.00                                 | 1,391.10                            | -1,391.00                              |
| Northrop Grumman Systems Corporation   | -  | 2.00                   | 2.00                    | 0.00                                 | 3.00                                | -                                      |
| NRG Solar Alpine, LLC  | -  | 38.00                  | 55.47                   | 0.00                                 | 105.91                              | -                                      |
| R and M Ranch, Inc.  | -  | 686.00                 | 1,200.67                | 0.00                                 | 0.00                                | -                                      |
| Reca: John and Adrienne Reca   | -  | 251.00                 | 417.97                  | 0.00                                 | Missing annual Production Report(s) | -                                      |
| Richter: Suzanne J. Richter  | -  | 1.00                   | 1.00                    | 0.00                                 | 2.50                                | -                                      |
| Rosamond High School   | -  | 202.23                 | 458.34                  | 0.00                                 | Missing annual Production Report(s) | -                                      |
| Rosamond Ranch   | FS Land Holding Company, LLC, property sale (2015)   | 598.00                 | 598.00                  | 0.00                                 | 1,794.00                            | -                                      |
| Rose Villa Apartments  | -  | 7.62                   | 17.69                   | 0.00                                 | Missing annual Production Report(s) | -                                      |

**Table 2 Exhibit 4 Overlying Producers Water Available for Use in 2019**

September 9, 2019

| Original Exhibit 4 Overlying Producers  | Transferees  | Production Right (AFY) | 2019 Water Sources (AF) |                                      |                                     |  |
|---|--|------------------------|-------------------------|--------------------------------------|-------------------------------------|--|
|   |  |                        | 2019 Rampdown           | Imported Water Return Flows for 2019 | Carry Over Water for use in 2019    | Transfers (Not Permanent) <sup>4</sup> |
|   |  | Judgment               | Rampdown Tables         | Imported Water Use Table from AVEK   | See 2018 Annual Report Table B-2    | See 2018 Annual Report Appendix F      |
| Sahara Nursery and Farm   | -  | 22.00                  | 22.12                   | 0.00                                 | 42.81                               | -                                      |
| Saint Andrew's Abbey, Inc.  | -  | 102.00                 | 150.67                  | 0.00                                 | 87.86                               | -                                      |
| Schilling: Lawrence J. and Mary P. Schilling Trustees of the L&M Schilling 1992 Family Trust                            | -  | 4.00                   | 4.00                    | 0.00                                 | 1.80                                | -                                      |
| Selak: Lilia Mabel Selak; Barbara Aznarez Decd Trust and Mabel Selak Trust  | [Received 1 AF from Siebert (July 2018)] See Siebert for this reporting. | 150.00                 | 150.00                  | 0.00                                 | 450.00                              | -                                      |
| Service Rock Products, L.P.   | -  | 267.00                 | 424.33                  | 0.00                                 | 198.30                              | -                                      |
| SGS Antelope Valley Development, LLC  | -  | 57.00                  | 57.00                   | 0.00                                 | Missing annual Production Report(s) | -                                      |
| Shadow Acres Mutual Water Company   | -  | 51.74                  | 52.31                   | 53.56                                | 67.07                               | -                                      |
| Sheep Creek Water Co.   | -  | 0.00                   | 0.00                    | 0.00                                 | 0.00                                | -                                      |
| Siebert: Jeffrey and Nancee Siebert   | Remaining Siebert Rights after 1 AF transferred to Selak (July 2018)     | 105.00                 | 167.67                  | 0.00                                 | 210.00                              | -                                      |
|   | Transferred 1 AF to Selak (July 2018)                                    | 1.00                   | 1.00                    | 0.00                                 | 1.00                                | -                                      |
| Sonrise Ranch, LLC  | -  | 0.00                   | 441.33                  | 0.00                                 | Missing annual Production Report(s) | -                                      |
| Southern California Edison Company  | -  | 8.00                   | 14.50                   | 0.00                                 | 22.93                               | -                                      |
| Sundale Mutual Water Company  | -  | 472.23                 | 472.23                  | 0.00                                 | 202.86                              | -                                      |
| Sunnyside Farms Mutual Water Company, Inc.  | -  | 74.26                  | 75.02                   | 37.37                                | 58.22                               | -                                      |
| Tejon Ranchcorp and Tejon Ranch Co.   | -  | 1,634.00               | 2,820.67                | 292.81                               | 876.70                              | -                                      |
| Tierra Bonita Mutual Water Company  | -  | 40.32                  | 40.61                   | 0.00                                 | 18.95                               | -                                      |
| Tierra Bonita Ranch   | -  | 430.00                 | 480.00                  | 0.00                                 | 0.00                                | -                                      |
| Triple M Property Co.   | -  | 15.00                  | 15.00                   | 0.00                                 | Missing annual Production Report(s) | -                                      |
| Turk Trust dated December 16, 1998  | -  | 1.00                   | 1.00                    | 0.00                                 | 2.90                                | -                                      |
| Van Dam: Craig Van Dam, Marta Van Dam, Nick Van Dam, Janet Van Dam (640 AFY Production Right)                           | Van Dam: Craig and Marta: 610 AFY (2018)                                 | 610.00                 | 862.26                  | 0.00                                 | 606.88                              | -400.00                                |
|   | Van Dam, Nick and Janet: 30 AFY (2018)                                   | 30.00                  | 42.41                   | 0.00                                 | Missing annual Production Report(s) | -                                      |
| Van Dam Family Trust - 1996; High Desert Dairy  | -  | 3,215.00               | 7,692.67                | 0.00                                 | 0.00                                | -                                      |
| Vulcan Materials Co., Vulcan Lands Inc., Consolidated Rock Products Co., Calmat Lands, Co., Allied Concrete & Materials | -  | 260.00                 | 432.73                  | 0.00                                 | 0.00                                | -                                      |
| WAGAS Land Company LLC  | -  | 580.00                 | 849.43                  | 0.00                                 | Missing annual Production Report(s) | -                                      |
| WDS California II, LLC  | -  | 1,159.00               | 1,984.33                | 0.00                                 | 3,477.00                            | -100.00                                |
| Weatherbie: Michael and Dolores A. Weatherbie   | -  | 1.00                   | 1.00                    | 0.00                                 | 3.00                                | -                                      |
| West Side Park Mutual Water Co.   | -  | 276.86                 | 279.45                  | 0.00                                 | 217.08                              | -                                      |
| White Fence Farms Mutual Water Co.  | -  | 772.13                 | 779.41                  | 67.66                                | 1,154.83                            | -                                      |
| William Fisher Memorial Water Company   | -  | 4.53                   | 4.53                    | 0.00                                 | Missing annual Production Report(s) | -                                      |
| Willow Springs Company: Richard Nelson  | -  | 135.00                 | 165.43                  | 0.00                                 | 99.87                               | -                                      |
| Wilson: Donna Wilson  | -  | 7.00                   | 9.00                    | 0.00                                 | 18.00                               | -                                      |
| <b>Total</b>  |  | <b>58,322.23</b>       | <b>89,885.83</b>        | <b>1,742.73</b>                      | <b>-</b>                            | <b>-4,741.00</b>                       |

1. Pursuant to Section 5.1.8 of the Judgment, Antelope Valley Joint Union High School District has an additional 29 AF of Production for use on its athletic fields and other public spaces. When recycled water becomes available to Quartz Hill High School at a price equal to or less than the lowest cost of any of the following: Replacement Obligation, Replacement Water, or other water that is delivered to AVJUHS at Quartz Hill High School, AVJUHS will stop producing the 29 AF groundwater and use recycled water. The 29 AF produced in 2018 for use on athletic fields and other public spaces is included on Table B-3 of the 2018 Annual Report and shown on Table 3 of these Water Available for Use in 2019 summary tables.

2. See Appendix C in the 2018 Annual Report for a summary of AVEK's use of imported water, including recovery and use of stored water.

3. Calandri used its Production Rights at several areas in the basin including land owned by LA County Sanitation District.

4. 2018 and 2019 one-time transfers not associated with a transfer of Production Rights: The following transfers will be subtracted from Carry Over Water for Use in 2019: 2,850 AF from County Sanitation Districts of LA 14 & 20; 1,391 AF from Eugene Nebeker; 400 AF from Craig and Marta Van Dam; and 100 AF from WDS California II.

Table does not include rights to Stored Water.

**Table 3 Other Parties (Non Exhibit 3 or Exhibit 4) Water Available for Use in 2019**

September 9, 2019

| Other Parties (Non Exhibit 3 or Exhibit 4)   | Transferees | Production Right <sup>5</sup> (AFY) | 2019 Water Sources (AF)           |                                      |                                     |  |
|--|-------------|-------------------------------------|-----------------------------------|--------------------------------------|-------------------------------------|--|
|  |             |                                     | 2019 Rampdown or Right to Produce | Imported Water Return Flows for 2019 | Carry Over Water for use in 2019    | Transfers (Not Permanent) <sup>4</sup> |
|  |             | Judgment                            | Agreed Upon                       | Imported Water Use Table from AVEK   | See 2018 Annual Report Table B-3    | See 2018 Annual Report Appendix F      |
| <b>Federal Reserved Water Right</b>  |             |                                     |                                   |                                      |                                     |  |
| United States <sup>1</sup>   |             | 7,600.00                            | 7,600.00                          | 0.00                                 | 0.00                                | -                                      |
| <b>State of California</b>   |             |                                     |                                   |                                      |                                     |  |
| Department of Water Resources  |             | 104.00                              | 104.00                            | 0.00                                 | Missing annual Production Report(s) | -                                      |
| Department of Parks and Recreation   |             | 9.00                                | 9.00                              | 2.58                                 | Missing annual Production Report(s) | -                                      |
| Department of Transportation   |             | 47.00                               | 47.00                             | 0.00                                 | Missing annual Production Report(s) | -                                      |
| State Lands Commission   |             | 3.00                                | 3.00                              | 0.00                                 | Missing annual Production Report(s) | -                                      |
| Department of Corrections and Rehabilitation   |             | 3.00                                | 3.00                              | 0.00                                 | Missing annual Production Report(s) | -                                      |
| 50th District Agricultural Association   |             | 32.00                               | 32.00                             | 0.00                                 | 96.00                               | -                                      |
| Department of Veteran Affairs  |             | 3.00                                | 3.00                              | 0.00                                 | Missing annual Production Report(s) | -                                      |
| Highway Patrol   |             | 3.00                                | 3.00                              | 0.00                                 | Missing annual Production Report(s) | -                                      |
| Department of Military   |             | 3.00                                | 3.00                              | 0.00                                 | Missing annual Production Report(s) | -                                      |
| <b>Supporting Landowners</b>   |             |                                     |                                   |                                      |                                     |  |
| Desert Breeze MHP, LLC   |             | 18.10                               | 19.60                             | 0.00                                 | Not Applicable                      | -                                      |
| Milana VII, LLC dba Rosamond Mobile Home Park  |             | 21.70                               | 25.90                             | 0.00                                 | Not Applicable                      | -                                      |
| Reesdale Mutual Water Company  |             | 23.00                               | 23.00                             | 0.00                                 | Not Applicable                      | -                                      |
| Juanita Eyherabide, Eyherabide Land Co., LLC and Eyherabide Sheep Company  |             | 12.00                               | 13.71                             | 0.00                                 | Not Applicable                      | -                                      |
| Clan Keith Real Estate Investments, LLC dba Leisure Lake Mobile Estates  |             | 64.00                               | 120.07                            | 0.00                                 | Not Applicable                      | -                                      |
| White Fence Farms Mutual Water Company No. 3   |             | 4.00                                | 4.00                              | 0.00                                 | Not Applicable                      | -                                      |
| LV Ritter Ranch, LLC   |             | 0.00                                | 633.91                            | 0.00                                 | Not Applicable                      | -                                      |
| Robar Enterprises, Inc., HI-Grade Materials, Co., and CJR, a General Partnership                                   |             | 200.00                              | 517.33                            | 0.00                                 | Not Applicable                      | -                                      |
| <b>Others with Rights to Produce</b>   |             |                                     |                                   |                                      |                                     |  |
| Antelope Valley Joint Union High School District <sup>2</sup>  |             | 29.00                               | 29.00                             | 0.00                                 | Not applicable                      | -                                      |
| City of Lancaster  |             | 500.00                              | 500.00                            | 0.00                                 | Not applicable                      | -                                      |
| Phelan Pinon Hills CSD <sup>3</sup>  |             | 1,200.00                            | 1,200.00                          | 0.00                                 | Not applicable                      | -                                      |
| <b>Small Pumpers<sup>5</sup> (metered)</b>   |             |                                     |                                   |                                      |                                     |  |
| Antelope Valley Country Club   |             | 3.00                                | 3.00                              | 38.82                                | 0.00                                | 400.00                                 |
| Long Valley Road L.P.  |             | 3.00                                | 3.00                              | 0.00                                 | 0.00                                | 1,391.00                               |
| <b>Rights to Imported Water Return Flows (Parties with No Production Rights and may not have production wells)</b> |             |                                     |                                   |                                      |                                     |  |
| A.V. Materials   |             | 0.00                                | 0.00                              | 0.00                                 | 0.00                                | -                                      |
| Antelope Valley Water Company  |             | 0.00                                | 0.00                              | 0.00                                 | 0.00                                | -                                      |
| Edgemont Acres MWC   |             | 0.00                                | 0.00                              | 60.48                                | 61.88                               | -                                      |
| Godde: Forrest Godde   |             | 0.00                                | 0.00                              | 0.00                                 | 0.00                                | -                                      |
| Harter: Scott Harter   |             | 0.00                                | 0.00                              | 0.00                                 | 0.00                                | -                                      |
| Warnack Trust  |             | 0.00                                | 0.00                              | 0.00                                 | 0.00                                | -                                      |

1. United States Production Right to Carry Over for use in 2019 is the Unused Federal Reserved Water Right available to 9 public water suppliers in 2019 as per the Judgment.

2. Pursuant to Section 5.1.8 of the Judgment, Antelope Valley Joint Union High School District has an additional 29 AF of Production for use on its athletic fields and other public spaces. When recycled water becomes available to Quartz Hill High School at a price equal to or less than the lowest cost of any of the following: Replacement Obligation, Replacement Water, or other water that is delivered to AVJUHS at Quartz Hill High School, AVJUHS will stop producing the 29 AF groundwater and use recycled water.

3. Phelan Pinon Hills CSD Replacement Obligation is equal to its total groundwater production as per Judgment Section 6.4.1.2.

4. 2019 one-time transfers not associated with a transfer of Production Rights: A 400 AF one-time transfer to Antelope Valley County Club and a 1,391 AF one-time transfer to Long Valley Road. A portion of these transfers will be applied to 2018 Replacement Water Obligations and the remainders are available for use in 2019: AVCC=400-112.35=287.65 AF available. LV Road=1,391-322.69=1,068.31 AF available. Unused amounts will become Carry Over water.

5. The 3.0 acre-foot Production Right for the Small Pumper Class reflects the maximum annual Production by Small Pumper Class members without incurring a Replacement Water Assessment.

Table does not include rights to Stored Water.

# Table 1 Exhibit 3 Non-Overlying Producers Water Available for Use in 2019

September 9, 2019

| Original Exhibit 3<br>Producers<br>Public Water Suppliers           | Production Right (AFY) | 2019 Water Sources (AF) |  |   |   |  |
|---|------------------------|-------------------------|--|---|---|--|
|   |                        | 2019 Rampdown           | Unused Federal Reserve Right                   | Imported Water Return Flows for 2019      | Carry Over Water for use in 2019        | Transfers (Not Permanent)                |
|   | <i>Judgment</i>        | <i>Agreed Upon</i>      | <i>Allocated as per Judgment (6,278.73 AF)</i> | <i>Imported Water Use Table from AVEK</i> | <i>See 2018 Annual Report Table B-1</i> | <i>See 2018 Annual Report Appendix F</i> |
| Boron Community Services District                                   | 50.00                  | 118.68                  | 0.00   | 68.77                                     | 73.34                                   | -  |
| California Water Services Company                                   | 343.14                 | 507.56                  | 175.80   | 1.32                                      | 101.63                                  | -  |
| Desert Lake Community Services District                             | 73.53                  | 73.53                   | 37.67  | 35.90                                     | 327.44                                  | -  |
| Littlerock Creek Irrigation District                                | 796.58                 | 1,212.32                | 408.12   | 0.00                                      | 0.00                                    | -  |
| Los Angeles County Waterworks District No. 40, Antelope Valley      | 6,789.26               | 6,789.26                | 3,478.41                                       | 9,782.54                                  | 11,343.65                               | -  |
| North Edwards Water District  | 49.02                  | 84.95                   | 25.11  | 0.00                                      | 0.00                                    | -  |
| Palm Ranch Irrigation District <sup>1</sup>                         | 465.69                 | 885.55                  | 238.59   | 7.68                                      | 0.00                                    | 2,850.00                                 |
| Palmdale Water District <sup>2</sup>                                | 2,769.63               | 2,769.63                | 1,418.99                                       | 3,798.05                                  | 5,904.19                                | 100.00                                   |
| Quartz Hill Water District  | 563.73                 | 1,785.97                | 288.82   | 1,055.44                                  | 3,730.38                                | -  |
| Rosamond Community Services District                                | 404.42                 | 2,080.06                | 207.20   | 5.02                                      | 371.65                                  | -  |
| <i>Transfer from eSolar Inc.; Red Dawn Suntower LLC - Exhibit 4</i> | 150.00                 | 150.00                  | 0.00   | 0.00                                      |   | -  |
| West Valley County Water District                                   | 40.00                  | 136.67                  | 0.00   | 0.00                                      | 21,852.28                               | -  |
| <b>Total<sup>3</sup></b>  | 12,495.00              | <b>16,594.17</b>        | <b>6,278.73</b>                                | <b>14,754.72</b>                          | <b>43,704.55</b>                        | <b>2,950.00</b>                          |

1. In March 2019, a 2,850 AF one-time transfer to Palm Ranch ID was approved. A portion of this (114.17 AF) will be applied to its 2018 Replacement Water Assessment. The remainder will be available for use in 2019 (2,850-114.17=2,735.83 AF). Unused amounts will become Carry Over water.

2. In December 2018, a 100 AF one-time transfer to PWD was approved. This is also available for use in 2019. Unused amounts will become Carry Over water.

3. Production Right total of 12,495 AF does not include the 150 AF that RCSD received from an Exhibit 4 Party transfer (eSolar Inc.; Red Dawn Suntower LLC).

Table does not include rights to Stored Water.

# Kern County Well Permit Application Forms



# ENVIRONMENTAL HEALTH DIVISION

2700 M Street, Suite 300, Bakersfield, CA 93301

Phone # (661) 862-8740 Fax (661) 862-8701

Email EH@kerncounty.com

## WATER WELL PERMIT APPLICATION

**APPLICATION MUST BE SUBMITTED AT LEAST TEN (10) WORKING DAYS PRIOR TO THE PROPOSED STARTING DATE**

**TYPE OF PERMIT:**    Construct New    Reconstruct    Destroy   **Permit/Well #:** \_\_\_\_\_

**Starting Date:** \_\_\_\_\_

**TYPE OF WELL:**

- |   |  |
|---|--|
| <input type="checkbox"/> Domestic/Private (1 connection)                        | <input type="checkbox"/> Test Hole (Drill and Destroy)   |
| <input type="checkbox"/> Domestic (2-4 connections)                             | <input type="checkbox"/> Cathodic Protection   |
| <input type="checkbox"/> Domestic (5 -14 connections)                           | <input type="checkbox"/> Monitoring/Vadose   |
| <input type="checkbox"/> Public Water System<br>(15+ connections or 25+ people) | <input type="checkbox"/> Agricultural/Industrial<br>(Must complete <b>Intended Use Statement</b> ) |
| <input type="checkbox"/> Other _____  |  |

|  |
|--|
| <input type="checkbox"/> Adjudicated District<br>_____ |
| <input type="checkbox"/> Overdraft Basin<br>_____      |

| <b>OWNER IS RESPONSIBLE FOR ANY ADDITIONAL PAYMENT OF FEES</b>  |         |        |                                       |        |  |
|---|---------|--------|---------------------------------------|--------|--|
| <b>OWNER'S INFORMATION</b>  |         |        | <b>WELL SITE/PROPERTY INFORMATION</b> |        |  |
| Name:   |         |        | Name:                                 |        |  |
| Address:  |         |        | Address:                              |        |  |
| City:   |         | State: | City:                                 |        | State: Zip:  |
| Phone:  | E-mail: |        | APN:                                  | T:     | R: Sec:  |
| <b>CONTRACTOR'S INFORMATION</b>   |         |        |                                       |        |  |
| Environmental Contractor:   |         |        | Driller:                              |        | C-57:  |
| Address:  |         |        | Address:                              |        |  |
| City:   |         | State: | City:                                 |        | State: Zip   |
| Contact :   |         | Phone: |                                       | Phone: |  |
| E-mail:   |         |        | E-mail:                               |        |  |
| <b>PUMP INSTALLATION INFORMATION</b>  |         |        |                                       |        |  |
| Name:   |         |        | Contact:                              |        | Phone:   |
| Address:  |         |        | E-mail:                               |        |  |
| City:   |         | State: | City:                                 |        | Zip: <input type="checkbox"/> Water Quality Included |
| <b>CONTACT FOR PAYMENT:</b> <input type="checkbox"/> Owner <input type="checkbox"/> Contractor <input type="checkbox"/> Driller |         |        |                                       |        |  |
| <b>WATER SAMPLE TO BE TAKEN BY:</b>   |         |        |                                       |        | <b>TOTAL ACRES:</b>                                  |
| <b>LOCATION OF WELL (GPS COORDINATES):</b>  |         |        |                                       |        |  |
| Provide detailed directions to site:  |         |        |                                       |        |  |



## WELL CONSTRUCTION INFORMATION

**METHOD:**    Reverse Rotary    Rotary    Air Rotary    Hollow Stem Auger    Other: \_\_\_\_\_

|                                       |  |  |  |
|---------------------------------------|--|--|--|
| <b>WELL NAME / NUMBER</b>             |  |  |  |
| MAXIMUM WELL DEPTH                    |  |  |  |
| SEALING MATERIAL                      |  |  |  |
| SEAL DEPTH (HARD ROCK/UNCONSOLIDATED) |  |  |  |
| CASING MATERIAL & GAUGE               |  |  |  |
| CASING - INSIDE DIAMETER              |  |  |  |
| SCREEN/PERFORATION DEPTH              |  |  |  |
| CONDUCTOR DEPTH                       |  |  |  |
| CONDUCTOR DIAMETER                    |  |  |  |
| DEPTH TO GROUNDWATER                  |  |  |  |
| LOCKING WELL CAP                      |  |  |  |
| BOREHOLE DIAMETER                     |  |  |  |
| SCREEN MATERIAL & GAUGE               |  |  |  |
| TYPE OF BENTONITE PLUG & DEPTH        |  |  |  |
| FILTER PACK MATERIAL & SIZE           |  |  |  |
| SCREEN SLOT SIZE & LENGTH             |  |  |  |
| SEALANT PLACEMENT METHOD              |  |  |  |

## WELL DESTRUCTION INFORMATION

|                          |  |  |  |
|--------------------------|--|--|--|
| <b>WELL NUMBER</b>       |  |  |  |
| WELL DEPTH               |  |  |  |
| CASING MATERIAL          |  |  |  |
| SEALANT MATERIAL         |  |  |  |
| SEALANT PLACEMENT METHOD |  |  |  |

### GENERAL CONDITIONS FOR DESTRUCTION:

1. A well destruction application must be filed with this Division if a well is being destroyed that is not in conjunction with a test hole permit.
2. Steel tremie pipe must be used if seal material is pumped into well.
3. A representative of this Division must witness placement of the seal material. Forty-eight hour advanced notice is required for an appointment.

### PLOT PLAN REQUIREMENTS:

Attach a plot plan with the exact location of water well with respect to the following items: property lines, adjoining properties, water bodies or courses, drainage pattern, roads, existing wells, structures, sewers or private disposal systems. Include distance from two property lines. For Domestic, Agriculture, Industrial well, provide location of any water wells or surface water within 200' radius of proposed well. For monitoring wells provide a description of the facility to monitor including: location of tanks, proposed monitoring and placement.

**GENERAL CONDITIONS FOR ALL PERMITS:**

Permit applications may be submitted to the Planning Department by county staff for zoning, access, and flood plain clearances prior to approval of the Environmental Health Division (EHD). If you are drilling within city's limits, you will have to receive approval from their Planning Department.

1. Permit applications must be submitted to EHD at least ten (10) working days prior to the proposed starting date.
2. Well site approval is required before beginning any work related to water well construction. It is unlawful to continue work past the stage at which an inspection is required unless inspection is waived or completed.
3. Other required inspections include setting conductor casing, all seals, and final construction features.
4. In areas where a water well penetrates more than one aquifer, and one or more of the aquifers may contain water which is of a quality which may degrade the other aquifer(s) penetrated if allowed to commingle, an E-Log shall be required to determine the location of the confining clay layer(s) and assist in the placement of any required annular seal(s).
5. A phone call to the **Division Hotline at (661) 862-8788** is required 48 hours before the placement of any seals or plugs. **No seals shall be called for after 2:00 pm without prior approval or in case of an emergency.**
6. Approval of water quality and final construction features is required before the water well is put into use.
7. Construction under this permit is subject to any instructions by EHD representatives.
8. Any misrepresentation or noncompliance with required permit conditions, or regulations, will result in issuance of a "Stop Work Order."
9. A copy of the Department of Water Resources Well Completion Report and water quality analyses must be submitted to EHD within sixty-(60) days after completion of the work.
10. "Dry" and "Test" holes must be properly destroyed within two (2) weeks of drilling. A water well destruction application must be filed with EHD.
11. The permit is void one (1) year after date of issuance if work has not been started and reasonable progress toward completion made. Fees are not refundable or transferable.
12. Lead appurtenances shall not be used in construction of any private or public water supply system. The use of solders containing more than 2/10 of 1% lead is prohibited in making joints and fittings in any private or public potable water system.
13. A C-57 contractor licensed in accordance with the provisions of the Contractor's License Law (Chapter 9, Division 3, of the Business and Professions Code) unless exempted by that act, and registered to drill within the County of Kern shall perform drilling of a water well.
14. Permittee shall assume entire responsibility for all activities and uses under this permit and shall indemnify, defend and save the County of Kern and/or Kern County Water Agency, its officers, agents, and employees, free and harmless from any and all expense, cost or liability in connection with or resulting from the exercise of this permit, including, but not limited to, property damage, personal injury, and wrongful death.

**I UNDERSTAND THAT FUTURE DEVELOPMENT PERMITS MAY NOT BE ISSUED (KCOC 17.04.120) UNLESS RECORDED LEGAL ACCESS TO THE PROPERTY CAN BE DEMONSTRATED.**

I certify that I am the owner of the above-described property, or the authorized representative of such owner, and that all the information I have furnished is current and accurate to the best of my knowledge, and I intend to construct the water well as represented above. I understand that all work is to be done in accordance with Kern County Ordinance Code Chapter 14.08, Bulletin 74-81 and all subsequent bulletins and the conditions of the Permit Application, including any conditions, which may be added or changed by EHD upon review of this Application and issuance of the Permit. I further understand that any permit issued pursuant to this application is subject to such further conditions as may be deemed necessary to ensure compliance with the permit regulations.

Owner's Signature \_\_\_\_\_ Date \_\_\_\_\_ Authorized Agent or Agency \_\_\_\_\_ Date \_\_\_\_\_

**THIS APPLICATION BECOMES A PERMIT WHEN APPROVED**

***For Internal Use Only***

Permit Approved By: \_\_\_\_\_ Total Fee: \_\_\_\_\_ Date Paid: \_\_\_\_\_  
 Date: \_\_\_\_\_ Expires On: \_\_\_\_\_ Zoning: \_\_\_\_\_ Date: \_\_\_\_\_  
 Per approved site plan; changes may be subject to review Flood Plain Approval Required:  Yes  No  
 E-Log Required:  Yes  No Elevate Casing Above Grade: \_\_\_\_\_

***REASONS FOR DENIAL OR CONDITIONS OF PERMIT:***

**ENVIRONMENTAL HEALTH DIVISION**  
**2700 M Street, Suite 300, Bakersfield, CA 93301**  
**Phone # (661) 862-8740 Fax (661) 862-8701**  
**Email EH@KernCounty.com**

## WELL DRILLER APPLICATION

| BUSINESS INFORMATION           |                  |           |
|--------------------------------|------------------|-----------|
| Company Name:                  |                  |           |
| Mailing Address:               |                  |           |
| City:                          | State:           | Zip Code: |
| Phone:                         | E-mail:          |           |
| OWNER/CORPORATE INFORMATION    |                  |           |
| Name:                          |                  |           |
| Address:                       |                  |           |
| City:                          | State:           | Zip Code: |
| Phone Number:                  | E-mail:          |           |
| CONTRACTOR LICENSE INFORMATION |                  |           |
| Certified by:                  | Certificate #:   |           |
| Issue Date:                    | Expiration Date: |           |

**Provide a copy of the contractor license and liability insurance with expiration dates with this application.**

**Lettering that gives name, address, and phone number and assigned registration number of business is to be on both sides of truck cab that hauls or tows drilling equipment.**

Environmental Health must be given written notice within 15 days of any suspension or revocation of the license.

|  |       |
|--|-------|
| I certify under penalty of perjury that the information given is true. |       |
| Applicant Signature:   | Date: |

| FOR OFFICE USE ONLY: |              |                   |
|----------------------|--------------|-------------------|
| Approved by:         | Date:        |                   |
| Date Received:       | Amount Paid: | Service Request # |

# ENVIRONMENTAL HEALTH DIVISION

2700 M Street, Suite 300, Bakersfield, CA 93301

Phone # (661) 862-8740 Fax (661) 862-8701

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## Overdrafted Basin Supplemental Well Application

**FOR OFFICE USE ONLY**      Corcoran Clay:  Yes  No      WP \_\_\_\_\_

Assessor's Parcel Number: \_\_\_\_\_ Township/Range/Section: \_\_\_\_\_

GPS Coordinates: Lat \_\_\_\_\_ Long \_\_\_\_\_ Well Elevation (ft): \_\_\_\_\_

Water District/GSA: \_\_\_\_\_ Est Cumulative Extraction Volume (ac ft) by 12/31/21: \_\_\_\_\_

Irrigation    Livestock    Domestic    Municipal    Industrial    Other \_\_\_\_\_

| PROPOSED WELL DESIGN INFORMATION      |  |
|---------------------------------------|--|
| Proposed Well Depth (ft):             |  |
| Proposed Well Capacity (gal):         |  |
| Estimated Pumping Rate (gal/day):     |  |
| Proposed Pumping Schedule:            |  |
| Est Annual Extraction Volume (ac ft): |  |

| GEOLOGIC SITING INFORMATION PROPOSED WELL |  |
|---|--|
| Water Table Depth (ft):                   |  |
| Seasonal Fluctuations in Water Table:     |  |
| Recharge Area (Yes/No):                   |  |
| Recharge Rate (if known):                 |  |
| Area to be served by well (in acres):     |  |

| EXISTING ON SITE WELL INFORMATION           | Well 1 | Well 2 | Well 3 |
|---|--------|--------|--------|
| Type/Use of Well:                           |        |        |        |
| Depth (ft):                                 |        |        |        |
| Diameter (in):                              |        |        |        |
| Screen Interval (ft):                       |        |        |        |
| Pumping Rate (gal/day):                     |        |        |        |
| Est. or Annual Extraction Volume (ac ft):   |        |        |        |
| Capacity or Pump Test (gal) (if available): |        |        |        |

In addition to the above information, the following information **must be shown** on a detailed site map and include actual measurements (to scale not necessary). If in the Corcoran Clay, you may include 2 maps to satisfy the requirements below.

- Distance to potential sources of pollution, including but not limited to, septic systems, sewer lines, wells (all types), animal/fowl enclosures, or transmission lines; either existing or proposed.
- Distance from lakes, ponds, streams within 300 ft of proposed well
- If in Corcoran Clay, location of canals, ditches, pipelines, utility corridors, and roads within 2 miles.

Submitted By \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_

