



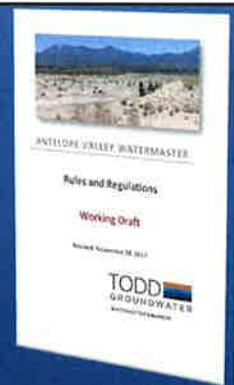
Antelope Valley Watermaster Watermaster Engineer Update Board Meeting

January 24, 2018



Administrative Assessments

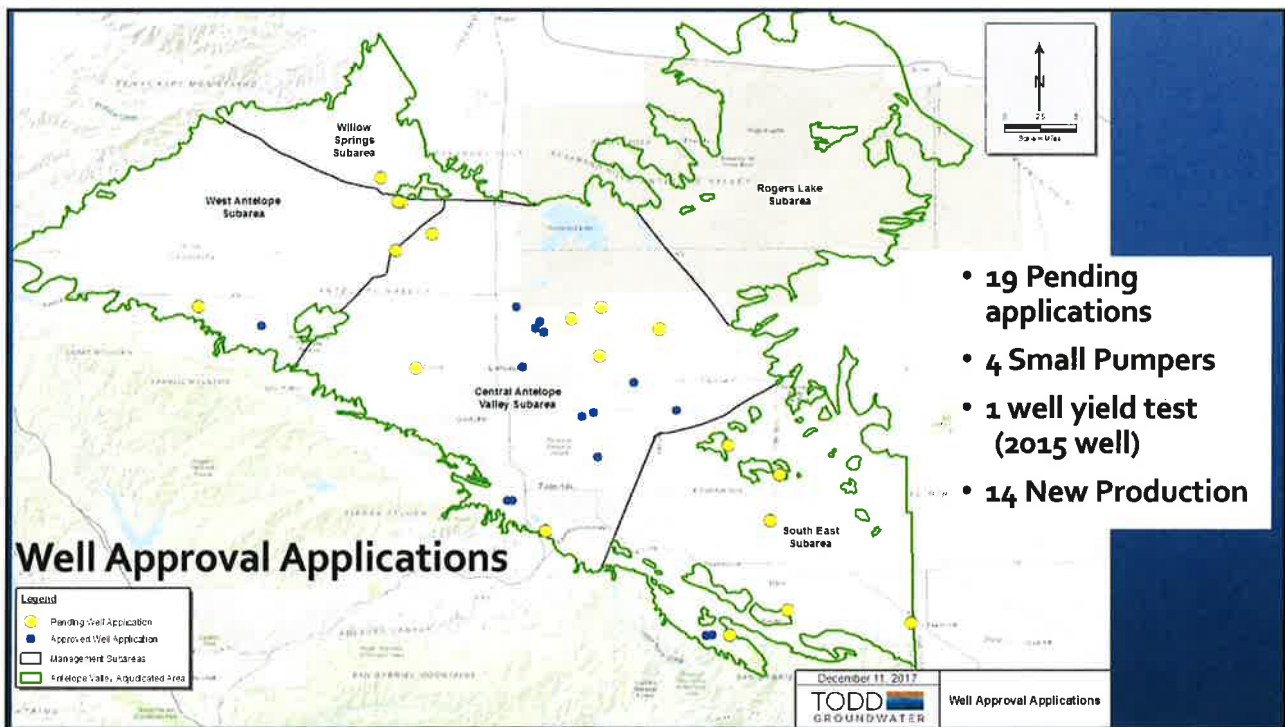
- Procedures for levying administrative assessments
- Contains draft schedules with dates for invoices and payments
- Discussed in Advisory Committee meetings in July and August
- Revised Drafts September and October
- Reviewed by Administrative Staff
- Final Draft November 29, 2017 posted 30-day comment period
- Public Hearing today – final comments welcome
- Resolution 18-01
- Schedule court hearing and approval for Rules & Regulations



Procedures for Well Approval Applications with Unknown Rights

- Qualifies as a Small Pumper
- Small Pumpers share a well and want individual wells
- New Production
- Legal guidance on procedures for processing applications
- Draft Issue Paper January 17th; revised January 19th
- Approve Resolution R-18-03 and prepare for Rules and Regulations
- Post for 30-day comment period; public hearing in February

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GROUNDWATER



PRELIMINARY DRAFT REQUEST FOR NEW PRODUCTION RIGHTS
ANTELOPE VALLEY WATERMASTER

Attach application fee of \$500 for review and processing. Make check out to: Antelope Valley Watermaster
Submit to: Antelope Valley Watermaster, P.O. Box 3025, Quartz Hill, California 91366

Date: _____ Proposed Well Site APN# _____

Property Owner/Well Owner: _____
Property Owner/Well Owner Mailing Address: _____
Contact Phone Number: _____ Contact e-mail: _____

New Well Location (Longitude or N. Y.) _____ Antelope Valley Subarea: _____
Use of New Well (Agricultural, Domestic, Industrial, Municipal, Monitoring, etc.): _____

Estimated annual pumping from New Well _____ acre-feet/year and well capacity _____ gallons/minute

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? _____


Applications for 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. This payment is currently set at \$500. Please attach a check to this application submittal. Check can be made out to Antelope Valley Watermaster.
2. Written statement describing the proposed quantity, seasons of usage, reason of use, purpose of use, place of use, manner of delivery, and other pertinent information regarding the New Production.
3. Maps identifying the location of the proposed New Production, including Basin Subarea.
4. Well information 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 spec. location and testing results, and water meter specifications associated with the New Production.
5. Written confirmation that applicant has obtained all necessary permits and consents, including all applicable Federal, State, County, and local land use ordinances 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 § 31000, et. seq.).
7. Preparation of a water conservation plan, approved and stamped by a California licensed and registered professional civil engineer, 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 cumulative 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, determining that the New Production will not cause Material Injury.
11. Written confirmation that the applicant agrees to file the applicable Replacement Water Assessment for any New Production.
12. Other pertinent information which the Watermaster Engineer may require, including the information below.

1. 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.
2. Please attach a diagram showing proposed well construction, including maximum well depth, casing diameter and materials, ground surface elevation, screen materials, and estimated pumping capacity. A completed DWS Well Completion Report is required to be submitted to the Antelope Valley Watermaster upon installation of well.
3. Material injury could be in the form of significant and unreasonable: 1. Chronic lowering of groundwater levels; 2. Reduction of groundwater storage; 3. Degraded water quality; 4. Land subsidence; 5. Depletions of interconnected surface water such that beneficial uses are impacted.

Application for Well Approval - New Production


- Follows Section 18.5.13 of the Judgment
- Requires Replacement Water Assessment
- Watermaster Engineer to evaluate Material Injury
- Recommendation to the Watermaster for approval/denial of new production
- Provide new form to current pending applications?



Evaluation of Material Injury Draft Criteria*

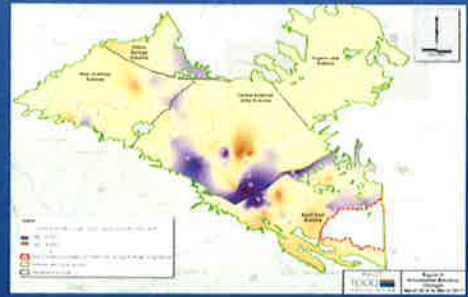
- Groundwater levels are not lowered such that nearby wells are adversely affected
- Groundwater storage is not depleted
- Groundwater quality is not degraded
- Land subsidence is not exacerbated such that land use is affected
- Interconnected surface water is not depleted

*Criteria are modified from the Sustainable Groundwater Management Act Sustainability Criteria



Timing of Annual Report

- USGS annual monitoring in March
- Data used for calculations in Annual Report
- Annual Report due to the court April 1
- Need Administrative Draft report available to Board, Advisory Committee and Producers more than a month before submittal; Draft report posted 2 weeks before a required public hearing
- Rush to reconcile water accounts
- Considerations:
 - Move USGS monitoring to February
 - Request Annual Report Submittal due date be moved to July 1



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DRAFT - Hierarchy of Groundwater Use

- Category 1:
 - Production Right from Native Safe Yield
 - Category 2:
 - Unused Federal Reserved Water Right
 - Rampdown production (amount above Production Right)
 - Category 3:
 - Imported Water Return Flows
 - Category 4:
 - Carry Over Water
 - Category 5:
 - Stored Water
 - New Production
 - Other Rights to Produce Groundwater
- Provide Draft Issue Paper with Legal Review

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Upcoming R&R Issues

- Hierarchy of Groundwater Use
- Transfers
- Storage Agreements
- Material Injury Criteria
- Annual Report Procedures
- Others?

