



SPECIAL JOINT MEETING OF CUYAMA BASIN GROUNDWATER SUSTAINABILITY AGENCY BOARD OF DIRECTORS AND STANDING ADVISORY COMMITTEE

Board of Directors

Derek Yurosek Chairperson, Cuyama Basin Water District
Lynn Compton Vice Chairperson, County of San Luis Obispo
Das Williams Santa Barbara County Water Agency
Cory Bantilan Santa Barbara County Water Agency
Glenn Shephard County of Ventura
Zack Scrivner County of Kern

Paul Chounet Cuyama Community Services District
George Cappello Cuyama Basin Water District
Byron Albano Cuyama Basin Water District
Jane Wooster Cuyama Basin Water District
Tom Bracken Cuyama Basin Water District

Standing Advisory Committee

Roberta Jaffe Chairperson
Brenton Kelly Vice Chairperson
Claudia Alvarado
Brad DeBranch
Louise Draucker

Jake Furstenfeld
Joe Haslett
Mike Post
Hilda Leticia Valenzuela

AGENDA

December 18, 2018

Agenda for a meeting of the Cuyama Basin Groundwater Sustainability Agency Board of Directors and Standing Advisory Committee to be held on Tuesday, December 18, 2018 at 12:00 PM, at the Cuyama Valley Family Resource Center, 4689 CA-166, New Cuyama, CA 93254. To hear the session live call (888) 222-0475, code: 6375195#.

Teleconference Locations:

Cuyama Valley Family Resource Center
 4689 CA-166
 New Cuyama, CA 93254

County Government Center
 1055 Monterey Street, Room 465
 San Luis Obispo, CA 93408

The order in which agenda items are discussed may be changed to accommodate scheduling or other needs of the Board or Committee, the public, or meeting participants. Members of the public are encouraged to arrive at the commencement of the meeting to ensure that they are present for discussion of all items in which they are interested.

In compliance with the Americans with Disabilities Act, if you need disability-related modifications or accommodations, including auxiliary aids or services, to participate in this meeting, please contact Taylor Blakslee at (661) 477-3385 by 4:00 p.m. on the Friday prior to this meeting. Agenda backup information and any public records provided to the Board after the posting of the agenda for this meeting will be available for public review at 4689 CA-166, New Cuyama, CA 93254. The Cuyama Basin Groundwater Sustainability Agency reserves the right to limit each speaker to three (3) minutes per subject or topic.

1. Call to Order (Yurosek) (1 min)
2. Roll Call (Blakslee) (1 min)
3. Pledge of Allegiance (Yurosek) (1 min)

- Verbal 4. Report of the Executive Director (Beck) (3 min)
- Verbal 5. Report of the General Counsel (Hughes) (2 min)
- M/M** 6. Set 2019 Meeting Schedule (Beck) (5 min)
- M/M** 7. California Department of Water Resources Prop 1 Sustainable Groundwater Planning Grant Agreement Approval (Beck) (5 min)
- M/M** 8. DWR Technical Support Services Monitoring Well Location Approval (Ayres) (5 min)
- M/M** 9. Review Preliminary Threshold Number Rational for Approval (Ayres) (120 min)
10. Reports of the Ad Hoc Committees (3 min)
11. Directors' Forum (3 min)
12. Public comment for items not on the Agenda (5 min)
- At this time, the public may address the Board on any item not appearing on the agenda that is within the subject matter jurisdiction of the Board. Persons wishing to address the Board should fill out a comment card and submit it to the Board Chair prior to the meeting.*
13. Adjourn (2:34 p.m.)



TO: Special Joint Board of Directors and Standing Advisory Committee
Agenda Item No. 6

FROM: Jim Beck, Executive Director

DATE: December 18, 2018

SUBJECT: Set 2019 Meeting Schedule

Issue

Setting the 2019 Cuyama Basin Groundwater Sustainability Agency Board of Directors and Standing Advisory Committee meetings schedule.

Recommended Motion

Set the 2019 Groundwater Sustainability Agency Board of Directors and Standing Advisory Committee meetings schedule.

Discussion

The draft CBGSA 2019 meeting calendar is provided as Attachment 1.

Cuyama Basin Groundwater Sustainability Agency Draft 2019 Meeting Calendar

BOD
 SAC
 Public Workshop
 Adj Date
 Holiday

January						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
		1	2	3	4	5
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December						
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TO: Special Joint Board of Directors and Standing Advisory Committee
Agenda Item No. 7

FROM: Jim Beck, Executive Director

DATE: December 18, 2018

SUBJECT: California Department of Water Resources Prop 1 Sustainable Groundwater Planning
Grant Agreement Approval

Issue

Execution of the California Department of Water Resources Prop 1 Sustainable Groundwater Planning Grant Agreement.

Recommended Motion

Execute the Prop 1 Sustainable Groundwater Planning Grant Agreement with the California Department of Water Resources.

Discussion

In 2014, the Sustainable Groundwater Management Act (SGMA) was passed by the State legislature to ensure local and regional management of groundwater supplies and established sustainability goals that must be met by 2040. Groundwater Sustainability Plans (GSP) are due to the State by January 31, 2020 that outline how groundwater basins will reach the 2040 sustainability goal.

To assist in funding GSP development, Proposition 1 (the "Water Bond") was approved by voters and created funds for groundwater basins throughout California to comply with SGMA.

The Cuyama Basin Groundwater Sustainability Agency (CBGSA) applied for two grant components through the Sustainable Groundwater Planning Grant Program. The first component was for \$1,500,000.00 for the planning, development, and preparation of a GSP for the Cuyama Basin. The second component was a technical assistance grant specifically for severely disadvantaged communities, and the CBGSA applied for this component in the amount of \$648,124.00. This component included the following activities: groundwater monitoring network expansion, basin evapotranspiration evaluation, surface water monitoring program, and program management.

In April 2018, the DWR announced the final grant awards for groundwater basin across the State and the CBGSA was awarded its full request of \$2,148,124.00.

For the CBGSA to reimburse its consultants and management team assisting in the development of a GSP, DWR requires a grant agreement be executed with the CBGSA. That agreement is included as Attachment 1 and outlines the criteria required for reimbursement by DWR.

**GRANT AGREEMENT BETWEEN THE STATE OF CALIFORNIA
(DEPARTMENT OF WATER RESOURCES) AND
CUYAMA BASIN GROUNDWATER SUSTAINABILITY AGENCY
AGREEMENT NUMBER 4600012728**

2017 PROPOSITION 1 SUSTAINABLE GROUNDWATER PLANNING (SGWP) GRANT

THIS GRANT AGREEMENT is entered into by and between the Department of Water Resources of the State of California, herein referred to as the "State" or "DWR" and the Cuyama Basin Groundwater Sustainability Agency, a public agency, in the State of California, duly organized, existing, and acting pursuant to the laws thereof, herein referred to as the "Grantee," which parties do hereby agree as follows:

- 1) **PURPOSE.** The State shall provide funding from the Water Quality, Supply, and Infrastructure Improvement Act of 2014 (Proposition 1) to assist the Grantee in financing the planning and/or selected project activities (Project) that will improve sustainable groundwater management, pursuant to Water Code Section 79700 et seq. The provision of State funds pursuant to this Agreement shall not be construed or interpreted to mean that the Groundwater Sustainability Plan (GSP), or any components of the GSP, implemented in accordance with the Work Plan as set forth in Exhibit A, will be: adopted by the applicable Groundwater Sustainability Agency (GSA); obtain the necessary desirable results of Sustainable Management Criteria; or, meet all of the evaluation and assessment criteria when submitted to the Department of Water Resources as required by the Sustainable Groundwater Management Act and implementing regulations.
- 2) **TERM OF GRANT AGREEMENT.** The term of this Grant Agreement begins on the date this Grant Agreement is executed by the State, through final payment plus three (3) years unless otherwise terminated or amended as provided in this Grant Agreement. However, all work shall be completed in accordance with the Schedule as set forth in Exhibit C.
- 3) **GRANT AMOUNT.** The maximum amount payable by the State under this Grant Agreement shall not exceed \$ 2,148,124.
- 4) **GRANTEE COST SHARE.** The Grantee is required to provide a Local Cost Share (non-State funds) of not less than 50 percent of the Total Project Cost. The cost share requirement for projects benefiting a Severely Disadvantaged Community (SDAC), Disadvantaged Community (DAC), or an Economically Distressed Areas (EDA) may be waived or reduced. The Grantee agrees to provide a Local Cost Share (non-State funds) for the amount as documented in Exhibit B (Budget). Local Cost Share may include Eligible Project Costs directly related to Exhibit A incurred after January 1, 2015.
- 5) **BASIC CONDITIONS.** The State shall have no obligation to disburse money for a project under this Grant Agreement until the Grantee has satisfied the following conditions (if applicable):
 1. Prior to execution of this Grant Agreement, selected applicants (Groundwater Sustainability Agency) for GSP Development projects must submit evidence of a notification to the public and DWR prior to initiating development of a GSP in compliance with California Code of Regulations, title 23, Section 350 et seq. (GSP Regulations) and Water Code Section 10727.8.
 2. The Grantee must demonstrate compliance with all relevant eligibility criteria as set forth on pages 7 and 8 of the 2015 Grant Program Guidelines for the SGWP Grant Program.
 3. For the term of this Grant Agreement, the Grantee submits timely reports and all other deliverables as required by Paragraph 16, "Submission of Reports" and Exhibit A.
 4. Prior to the commencement of construction or implementation activities, if applicable, the Grantee shall submit the following to the State:
 - a. Final plans and specifications certified, signed, and stamped by a California Registered Civil Engineer as to compliance for each approved project as listed in Exhibit A of this Grant Agreement.

b. Work that is subject to the California Environmental Quality Act (CEQA) and or environmental permitting shall not proceed under this Grant Agreement until the following actions are performed:

- (1) The Grantee submits to the State all applicable environmental permits as indicated on the Environmental Information Form to the State,
- (2) Documents that satisfy the CEQA process are received by the State,
- (3) The State has completed its CEQA compliance review as a Responsible Agency, and
- (4) The Grantee receives written concurrence from the State of Lead Agency's CEQA document(s) and State notice of verification of environmental permit submittal.

The State's concurrence of Lead Agency's CEQA documents is fully discretionary and shall constitute a condition precedent to any work (i.e., construction or implementation activities) for which it is required. Once CEQA documentation has been completed, the State will consider the environmental documents and decide whether to continue to fund the project or to require changes, alterations or other mitigation. The Grantee must also demonstrate that it has complied with all applicable requirements of the National Environmental Policy Act by submitting copies of any environmental documents, including environmental impact statements, Finding of No Significant Impact, mitigation monitoring programs, and environmental permits as may be required prior to beginning construction/implementation.

c. A monitoring plan as required by Paragraph 18, "Monitoring Plan Requirements", if applicable for Implementation Components/Project(s).

- 6) DISBURSEMENT OF FUNDS. The State will disburse to the Grantee the amount approved, subject to the availability of funds through normal State processes. Notwithstanding any other provision of this Grant Agreement, no disbursement shall be required at any time or in any manner which is in violation of, or in conflict with, federal or state laws, rules, or regulations, or which may require any rebates to the federal government, or any loss of tax-free status on state bonds, pursuant to any federal statute or regulation. Any and all money disbursed to the Grantee under this Grant Agreement shall be deposited in a non-interest bearing account and shall be used solely to pay Eligible Project Costs.
- 7) ELIGIBLE PROJECT COST. The Grantee shall apply State funds received only to eligible Project Costs in accordance with applicable provisions of the law and Exhibit B. Eligible Project Costs include the reasonable costs of studies, engineering, design, land and easement acquisition, legal fees, preparation of environmental documentation, environmental mitigations, monitoring, project construction, and/or any other scope of work efforts as described in Exhibit A. Reimbursable administrative expenses are the necessary costs incidental but directly related to the Project included in this Agreement. Work performed on the Project after July 1, 2017, but before April 30, 2020, shall be eligible for reimbursement.

Costs that are not eligible for reimbursement with State funds cannot be counted as Cost Share. Costs that are not eligible for reimbursement include, but are not limited to, the following items:

1. Costs, other than those noted above, incurred prior to the award date of this Grant.
2. Costs for preparing and filing a grant application belonging to another solicitation.
3. Operation and maintenance costs, including post construction performance and monitoring costs.
4. Purchase of equipment that is not an integral part of a project.
5. Establishing a reserve fund.
6. Purchase of water supply.
7. Monitoring and assessment costs for efforts required after project construction is complete.
8. Replacement of existing funding sources for ongoing programs.

9. Support of existing agency requirements and mandates (e.g., punitive regulatory agency requirement).
 10. Purchase of land in excess of the minimum required acreage necessary to operate as an integral part of a project, as set forth and detailed by engineering and feasibility studies, or land purchased prior to the execution date of this Grant Agreement.
 11. Overhead and indirect costs: "Indirect Costs" means those costs that are incurred for a common or joint purpose benefiting more than one cost objective and are not readily assignable to the funded project (i.e., costs that are not directly related to the funded project). Examples of Indirect Costs include, but are not limited to: central service costs; general administration of the Grantee; non-project-specific accounting and personnel services performed within the Grantee's organization; depreciation or use allowances on buildings and equipment; the costs of operating and maintaining non-project-specific facilities; tuition and conference fees; and, generic overhead or markup. This prohibition applies to the Grantee and any subcontract or sub-agreement for work on the Project that will be reimbursed pursuant to this Agreement.
- 8) METHOD OF PAYMENT FOR REIMBURSEMENT. After the disbursement requirements in Paragraph 5 "Basic Conditions" are met, the State will disburse the whole or portions of State funding to the Grantee, following receipt from the Grantee via U.S. mail or Express mail delivery of a "wet signature" invoice for costs incurred, including Cost Share, and timely Progress Reports as required by Paragraph 16, "Submission of Reports." Payment will be made no more frequently than monthly, in arrears, upon receipt of an invoice bearing the Grant Agreement number. The State will notify the Grantee, in a timely manner, whenever, upon review of an Invoice, the State determines that any portion or portions of the costs claimed are not eligible costs or is not supported by documentation or receipts acceptable to the State. The Grantee may, within thirty (30) calendar days of the date of receipt of such notice, submit additional documentation to the State to cure such deficiency(ies). If the Grantee fails to submit adequate documentation curing the deficiency(ies), the State will adjust the pending invoice by the amount of ineligible or unapproved costs.
- Invoices submitted by the Grantee shall include the following information:
1. Costs incurred for work performed in implementing the project during the period identified in the particular invoice.
 2. Costs incurred for any interests in real property (land or easements) that have been necessarily acquired for a project during the period identified in the particular invoice for the implementation of a project.
 3. Invoices shall be submitted on forms provided by the State and shall meet the following format requirements:
 - a. Invoices must contain the date of the invoice, the time period covered by the invoice, and the total amount due.
 - b. Invoices must be itemized based on the categories (i.e., tasks) specified in the Exhibit B. The amount claimed for salaries/wages/consultant fees must include a calculation formula (i.e., hours or days worked times the hourly or daily rate = the total amount claimed).
 - c. One set of sufficient evidence (i.e., receipts, copies of checks, time sheets) must be provided for all costs included in the invoice.
 - d. Each invoice shall clearly delineate those costs claimed for reimbursement from the State's funding amount, as depicted in Paragraph 3, "Grant Amount" and those costs that represent the Grantee's costs, as applicable, in Paragraph 4, "Grantee Cost Share."
 - e. Original signature and date (in ink) of the Grantee's Project Representative. Submit the original "wet signature" copy of the invoice form to the address listed in Paragraph 23, "Project Representative."

All invoices submitted shall be accurate and signed under penalty of perjury. Any and all costs submitted pursuant to this Agreement shall only be for the tasks set forth herein. The Grantee shall not submit any

invoice containing costs that are ineligible or have been reimbursed from other funding sources unless required and specifically noted as such (i.e., match costs). Any eligible costs for which the Grantee is seeking reimbursement shall not be reimbursed from any other source. Double or multiple billing for time, services, or any other eligible cost is illegal and constitutes fraud. Any suspected occurrences of fraud, forgery, embezzlement, theft, or any other misuse of public funds may result in suspension of disbursements of grant funds and/or termination of this Agreement requiring the repayment of all funds disbursed hereunder plus interest. Additionally, the State may request an audit pursuant to Exhibit D and refer the matter to the Attorney General's Office or the appropriate district attorney's office for criminal prosecution or the imposition of civil liability. (Civ. Code, §§ 1572-1573; Pen. Code, §§ 470, 489-490.)

- 9) ADVANCED PAYMENT. Water Code Section 10551 authorizes advance payment by the State for projects included and implemented in an applicable integrated regional water management plan, and when the project proponent is a nonprofit organization; a DAC; or the project benefits a DAC. If the project is awarded less than \$1,000,000 in grant funds, the project proponent may receive an advanced payment of up to 50% of the grant award; the remaining 50% of the grant award will be reimbursed in arrears. Within ninety (90) calendar days of execution of the Grant Agreement, the Grantee may provide the State an Advanced Payment Request. Advanced Payment Requests received ninety-one (91) calendar days after execution of this Agreement, or later, will not be eligible to receive advance payment. The Advanced Payment Request must contain the following:
1. Documentation demonstrating that each Local Project Sponsor (if different from the Grantee, as listed in Exhibit I) was notified about their eligibility to receive an advanced payment and a response from the Local Project Sponsor stating whether it wishes to receive the advanced payment or not.
 2. If the Local Project Sponsor is requesting the advanced payment, the request must include:
 - a. A funding plan which shows how the advanced funds will be expended within 18 months of this Grant Agreement's execution (i.e., for what, how much, and when).
 - b. A discussion of the Local Project Sponsor's financial capacity to complete the project once the advance funds have been expended, and include an "Audited Financial Statement Summary Form" specific to the DAC.
 3. If a Local Project Sponsor is requesting advanced payment, the Grantee shall also submit a single Advance Payment Form Invoice, containing the request for each qualified project, to the State Project Manager with "wet signature" and date of the Grantee's Project Representative, as indicated in Paragraph 23, "Project Representative." The Grantee shall be responsible for the timely distribution of the advanced funds to the respective Local Project Sponsor(s). Within sixty (60) calendar days of receiving the Advanced Payment Form Invoice and subject to the availability of funds, the State will authorize payment of the advanced funds sought of up to 50% of the grant award for the qualified project(s). The Advanced Payment Form Invoice shall be submitted on forms provided by the State and shall meet the following format requirements:
 - a. Invoice must contain the date of the invoice, the time period covered by the invoice, and the total amount due.
 - b. Invoice must be itemized based on the categories (i.e., tasks) specified in Exhibit B.
 - c. The State Project Manager will notify the Grantee, in a timely manner, when, upon review of an Advance Payment Form Invoice, the State determines that any portion or portions of the costs claimed are not eligible costs. The Grantee may, within thirty (30) calendar days of the date of receipt of such notice, submit additional documentation to cure such deficiency(ies). After the distribution requirements in Paragraph 5, "Basic Conditions" are met, the State will disburse the whole or portions of State funding to the Grantee, following receipt from the Grantee via US mail or Express mail delivery of a "wet signature" invoice for costs incurred, including Cost Share, and timely Progress Reports as required by Paragraph 16, "Submission of Reports."

4. On a quarterly basis, the Grantee will submit an Accountability Report to the State that demonstrates how actual expenditures compare with the scheduled budget. The Accountability Report shall include the following information:
 - a. An itemization of how advanced funds have been expended to-date (Expenditure Summary), including documentation that supports the expenditures (e.g., contractor invoices, receipts, personnel hours, etc.). Invoices must be itemized based on the budget categories (i.e., tasks) specified in Exhibit B.
 - b. A funding plan which shows how the remaining advanced funds will be expended.
 - c. Documentation that the funds were placed in a non-interest bearing account, including the dates of deposits and withdrawals from that account.
 - d. The State Project Manager will notify the Grantee, in a timely manner, when, upon review of the Expenditure Summary, the State determines that any portion of the expenditures claimed are not eligible costs. The Grantee may, within thirty (30) calendar days of the date of receipt of such notice, submit additional documentation to cure such deficiency(ies). If costs are not consistent with the tasks in Exhibit B, the State will reject the claim and remove them from the Expenditure Summary.
5. Once the Grantee has expended all advanced funds, then the method of payment will revert to the reimbursement process specified in Paragraph 8, "Method of Payment for Reimbursement.", and any remaining requirements of Paragraph 5, "Basic Conditions."

10) REPAYMENT OF ADVANCES. The State may demand repayment from the Grantee of all or any portion of the advanced State funding along with interest at the California general obligation bond interest rate at the time the State notifies the Grantee, as directed by the State, and take any other action that it deems necessary to protect its interests for the following conditions:

1. A project is not being implemented in accordance with the provisions of the Grant Agreement.
2. The Grantee has failed in any other respect to comply with the provisions of this Grant Agreement, and if the Grantee does not remedy any such failure to the State's satisfaction.
3. Repayment amounts may also include:
 - a. Advance funds which have not been expended within 18 months of the Grant Agreement's execution.
 - b. Actual costs incurred are not consistent with the activities presented in Exhibit A, not supported, or are ineligible.
 - c. At the completion of the project, the funds have not been expended.

For conditions 10) 3.a. and 10) 3.b., repayment may consist of deducting the amount from future reimbursement invoices. The State may consider the Grantee's refusal to repay the requested advanced amount a substantial breach of this Grant Agreement subject to the default provisions in Paragraph 12, "Default Provisions." If the State notifies the Grantee of its decision to demand repayment or withhold the entire funding amount from the Grantee pursuant to this paragraph, this Grant Agreement shall terminate upon receipt of such notice by the Grantee and the State shall no longer be required to provide funds under this Grant Agreement and the Grant Agreement shall no longer be binding on either party.

11) WITHHOLDING OF DISBURSEMENTS BY THE STATE. If the State determines that a project is not being implemented in accordance with the provisions of this Grant Agreement, or that the Grantee has failed in any other respect to comply with the provisions of this Grant Agreement, and if the Grantee does not remedy any such failure to the State's satisfaction, the State may withhold from the Grantee all or any portion of the State funding and take any other action that it deems necessary to protect its interests. Where a portion of the State funding has been disbursed to the Grantee and the State notifies the Grantee of its decision not to release funds that have been withheld pursuant to Paragraph 13, "Continuing

Eligibility,” the portion that has been disbursed shall thereafter be repaid immediately with interest at the California general obligation bond interest rate at the time the State notifies the Grantee, as directed by the State. The State may consider the Grantee’s refusal to repay the requested disbursed amount a contract breach subject to the default provisions in Paragraph 12, “Default Provisions.” If the State notifies the Grantee of its decision to withhold the entire funding amount from the Grantee pursuant to this paragraph, this Grant Agreement shall terminate upon receipt of such notice by the Grantee and the State shall no longer be required to provide funds under this Grant Agreement and the Grant Agreement shall no longer be binding on either party.

12) DEFAULT PROVISIONS. The Grantee will be in default under this Grant Agreement if any of the following occur:

1. Substantial breaches of this Grant Agreement, or any supplement or amendment to it, or any other agreement between the Grantee and the State evidencing or securing the Grantee’s obligations;
2. Making any false warranty, representation, or statement with respect to this Grant Agreement or the application filed to obtain this Grant Agreement;
3. Failure to operate or maintain project in accordance with this Grant Agreement.
4. Failure to make any remittance required by this Grant Agreement.
5. Failure to comply with Labor Compliance Plan requirements.
6. Failure to submit timely progress reports.
7. Failure to routinely invoice the State.
8. Failure to meet any of the requirements set forth in Paragraph 13, “Continuing Eligibility.”

Should an event of default occur, the State shall provide a notice of default to the Grantee and shall give the Grantee at least ten (10) calendar days to cure the default from the date the notice is sent via first-class mail to the Grantee. If the Grantee fails to cure the default within the time prescribed by the State, the State may do any of the following:

9. Declare the funding be immediately repaid, with interest, which shall be equal to the State of California general obligation bond interest rate in effect at the time of the default.
10. Terminate any obligation to make future payments to the Grantee.
11. Terminate the Grant Agreement.
12. Take any other action that it deems necessary to protect its interests.

In the event the State finds it necessary to enforce this provision of this Grant Agreement in the manner provided by law, the Grantee agrees to pay all costs incurred by the State including, but not limited to, reasonable attorneys’ fees, legal expenses, and costs.

13) CONTINUING ELIGIBILITY. The Grantee must meet the following ongoing requirement(s) to remain eligible to receive State funds:

1. An urban water supplier that receives grant funds pursuant to this Grant Agreement must maintain compliance with the Urban Water Management Planning Act (UWMP; Wat. Code, § 10610 et seq.) and Sustainable Water Use and Demand Reduction (Wat. Code, § 10608 et seq.) by doing the following:
 - a. Have submitted their 2015 UWMP and had it deemed consistent by DWR. If the 2015 UWMP has not been submitted to DWR funding disbursements to the urban water supplier will cease until the 2015 UWMP is submitted. If the 2015 UWMP is deemed inconsistent by DWR, the urban water supplier will be ineligible to receive funding disbursements until the inconsistencies are addressed and DWR deems the UWMP consistent. For more information, visit the following website: <https://www.water.ca.gov/Programs/Water-Use-And-Efficiency/Urban-Water-Use-Efficiency/Urban-Water-Management-Plans>.

- b. All urban water suppliers must submit documentation that demonstrates they are meeting the 2015 interim gallons per capita per day (GPCD) target. If not meeting the interim target, the Grantee must submit a schedule, financing plan, and budget for achieving the GPCD target, as required pursuant to Water Code Section 10608.24. Urban water suppliers that did not meet their 2015 interim GPCD target must also submit annual reports that include a schedule, financing plan, and budget for achieving the GPCD target by June 30 of each year.
 2. An agricultural water supplier receiving grant funding must:
 - a. Comply with Sustainable Water Use and Demand Reduction requirements outlined in Water Code Section 10608, et seq. Submit to the State a schedule, financing plan, and budget for implementation of the efficient water management practices, required pursuant to Water Code Section 10608.48.
 - b. Have their Agricultural Water Management Plan (AWMP) deemed consistent by DWR. To maintain eligibility and continue funding disbursements, an agricultural water supply must have their 2015 AWMP identified on the State's website. For more information, visit the following website: <https://www.water.ca.gov/Work-With-Us/Grants-And-Loans/Agriculture-Water-Use-Efficiency>.
 3. The Grantee diverting surface water must maintain compliance with diversion reporting requirements as outlined in Part 5.1 of Division 2 of the Water Code.
 4. If applicable, the Grantee must demonstrate compliance with the Groundwater Management Act set forth on pages 7 and 8 of the 2015 SGWP Grant Program Guidelines, dated October 2015.
 5. Grantees that have been designated as monitoring entities under the California Statewide Groundwater Elevation Monitoring (CASGEM) Program must maintain reporting compliance, as required by Water Code Section 10932 and the CASGEM Program.
- 14) PERMITS, LICENSES, APPROVALS, AND LEGAL OBLIGATIONS. The Grantee shall be responsible for obtaining any and all permits, licenses, and approvals required for performing any work under this Grant Agreement, including those necessary to perform design, construction, or operation and maintenance of the Project(s). The Grantee shall be responsible for observing and complying with any applicable federal, state, and local laws, rules or regulations affecting any such work, specifically those including, but not limited to, environmental, procurement, and safety laws, rules, regulations, and ordinances. The Grantee shall provide copies of permits and approvals to the State.
- 15) RELATIONSHIP OF PARTIES. If applicable, the Grantee is solely responsible for design, construction, and operation and maintenance of projects within the work plan. Review or approval of plans, specifications, bid documents, or other construction documents by the State is solely for the purpose of proper administration of funds by the State and shall not be deemed to relieve or restrict responsibilities of the Grantee under this Grant Agreement.
- 16) SUBMISSION OF REPORTS. The submittal and approval of all reports is a requirement for the successful completion of this Grant Agreement. Reports shall meet generally accepted professional standards for technical reporting and shall be proofread for content, numerical accuracy, spelling, and grammar prior to submittal to the State. All reports shall be submitted to the State's Project Manager, and shall be submitted via Department of Water Resources (DWR) "Grant Review and Tracking System" (GRanTS). If requested, the Grantee shall promptly provide any additional information deemed necessary by the State for the approval of reports. Reports shall be presented in the formats described in the applicable portion of Exhibit F. The timely submittal of reports is a requirement for initial and continued disbursement of State funds. Submittal and subsequent approval by the State of a Project Completion Report is a requirement for the release of any funds retained for such project.
 1. Progress Reports: The Grantee shall submit Progress Reports to meet the State's requirement for disbursement of funds. Progress Reports shall be uploaded via GRanTS, and the State's Project Manager notified of upload. Progress Reports shall, in part, provide a brief description of the work

performed, Grantees activities, milestones achieved, any accomplishments and any problems encountered in the performance of the work under this Grant Agreement during the reporting period. The first Progress Report should be submitted to the State no later than four (4) months after the execution of the agreement, with future reports then due on successive three-month increments based on the invoicing schedule and this date.

2. Groundwater Sustainability Plan: The Grantee shall submit a Final Groundwater Sustainability Plan (GSP) to DWR by the date as specified per the Sustainable Groundwater Management Act (SGMA). The GSP shall be formatted, drafted, prepared, and completed as required by the GSP Regulations, and in accordance with any other regulations or requirements that are stipulated through SGMA.
 3. Coordination Agreement: The Grantee shall provide the State a copy of the executed Coordination Agreement, and all supporting documentation. This condition is only required in basins where GSAs develop multiple GSPs pursuant to Water Code Section 10727(b)(3). Refer to the GSP Regulations for necessary details and requirements to prepare and submit a Coordination Agreement.
 4. Accountability Report: The Grantee shall prepare and submit to the State an Accountability Report on a quarterly basis if the Grantee received an Advanced Payment, consistent with the provisions in Paragraph 9, "Advanced Payment."
 5. Completion Report: The Grantee shall prepare and submit to the State a separate Completion Report for each project or component included in Exhibit A. The Grantee shall submit a Completion Report within ninety (90) calendar days of project/component completion. Each Completion Report shall include, in part, a description of actual work done, any changes or amendments to each project, and a final schedule showing actual progress versus planned progress, copies of any final documents or reports generated or utilized during a project. The Completion Report shall also include, if applicable for Implementation Project(s), certification of final project by a registered civil engineer, consistent with Exhibit D. A "Certification of Project Completion" form will be provided by the State.
 6. Grant Completion Report: Upon completion of the Project included in Exhibit A, the Grantee shall submit to the State a Grant Completion Report. The Grant Completion Report shall be submitted within ninety (90) calendar days of submitting the Completion Report for the final component or project to be completed under this Grant Agreement. The Grant Completion Report shall include reimbursement status, a brief description of each component completed, and how those components will further the goals of the GSP and sustainable groundwater. Retention for the last component, or project, to be completed as part of this Grant Agreement will not be disbursed until the Grant Completion Report is submitted to be approved by the State.
 7. Post-Performance Reports: The Grantee shall prepare and submit to the State Post-Performance Reports on each applicable implementation type Project(s). Post-Performance Reports shall be submitted to the State within ninety (90) calendar days after the first operational year of a project has elapsed. This record keeping and reporting process shall be repeated annually for a total of three (3) years after the project begins operation.
- 17) OPERATION AND MAINTENANCE OF PROJECT. For the useful life of construction and implementation projects (pertinent to Implementation Projects) and in consideration of the funding made by the State, the Grantee agrees to ensure or cause to be performed the commencement and continued operation of the project, and shall ensure or cause the project to be operated in an efficient and economical manner; shall ensure all repairs, renewals, and replacements necessary to the efficient operation of the same are provided; and shall ensure or cause the same to be maintained in as good and efficient condition as upon its construction, ordinary and reasonable wear and depreciation excepted. The State shall not be liable for any cost of such maintenance, management, or operation. The Grantee or their successors may, with the written approval of the State, transfer this responsibility to use, manage, and maintain the property. For purposes of this Grant Agreement, "useful life" means period during which an asset, property, or activity is expected to be usable for the purpose it was acquired or implemented; "operation costs" include direct costs incurred for material and labor needed for operations, utilities, insurance, and similar expenses, and

“maintenance costs” include ordinary repairs and replacements of a recurring nature necessary for capital assets and basic structures and the expenditure of funds necessary to replace or reconstruct capital assets or basic structures. Refusal by the Grantee to ensure operation and maintenance of the projects in accordance with this provision may, at the option of the State, be considered a breach of this Grant Agreement and may be treated as default under Paragraph 12, “Default Provisions.”

- 18) MONITORING PLAN REQUIREMENTS. Pertinent to Implementation Projects or Components, a Monitoring Plan shall be submitted to the State prior to disbursement of State funds for construction or monitoring activities. The Monitoring Plan should incorporate items defined and listed in Exhibit K.
- 19) STATEWIDE MONITORING REQUIREMENTS. The Grantee shall ensure that all groundwater projects and projects that include groundwater monitoring requirements are consistent with the Groundwater Quality Monitoring Act of 2001 (Wat. Code, § 10780 et seq.) and, where applicable, projects that affect water quality shall include a monitoring component that allows the integration of data into statewide monitoring efforts, including where applicable, the Surface Water Ambient Monitoring Program carried out by the State Water Resources Control Board. See Exhibit G for web links and information regarding other State monitoring and data reporting requirements.
- 20) NOTIFICATION OF STATE. The Grantee shall promptly notify the State, in writing, of the following items:
1. Events or proposed changes that could affect the scope, budget, or work performed under this Grant Agreement. The Grantee agrees that no substantial change in the scope of a project will be undertaken until written notice of the proposed change has been provided to the State and the State has given written approval for such change. Substantial changes generally include changes to the scope of work, schedule or term, and budget.
 2. Any public or media event publicizing the accomplishments and/or results of this Grant Agreement and provide the opportunity for attendance and participation by the State’s representatives. The Grantee shall make such notification at least fourteen (14) calendar days prior to the event.
 3. Applicable to Implementation Projects only, Final inspection of the completed work on a project by a Registered Professional (Civil Engineer, Engineering Geologist, or other State approved certified/license Professional), in accordance with Exhibit D. The Grantee shall notify the State’s Project Manager of the inspection date at least 14 calendar days prior to the inspection in order to provide the State the opportunity to participate in the inspection.
- 21) NOTICES. Any notice, demand, request, consent, or approval that either party desires or is required to give to the other party under this Grant Agreement shall be in writing. Notices may be transmitted by any of the following means:
1. By delivery in person.
 2. By certified U.S. mail, return receipt requested, postage prepaid.
 3. By “overnight” delivery service; provided that next-business-day delivery is requested by the sender.
 4. By electronic means.
 5. Notices delivered in person will be deemed effective immediately on receipt (or refusal of delivery or receipt). Notices sent by certified mail will be deemed effective given ten (10) calendar days after the date deposited with the U.S. Postal Service. Notices sent by overnight delivery service will be deemed effective one business day after the date deposited with the delivery service. Notices sent electronically will be effective on the date of transmission, which is documented in writing. Notices shall be sent to the addresses listed below. Either party may, by written notice to the other, designate a different address that shall be substituted for the one below.
- 22) PERFORMANCE EVALUATION. Upon completion of this Grant Agreement, the Grantee’s performance will be evaluated by the State and a copy of the evaluation will be placed in the State file and a copy sent to the Grantee.

23) PROJECT REPRESENTATIVES. The Project Representatives during the term of this Grant Agreement are as follows:

Department of Water Resources

Arthur Hinojosa
Chief, Division of Integrated Regional Water
Management
P.O. Box 942836
Sacramento, CA 94236-0001
Phone: (916) 653-4736
Email: Arthur.Hinojosa@water.ca.gov

Cuyama Basin Groundwater Sustainability Agency

Derek Yurosek
Chairperson, Board of Directors
1901 Royal Oaks Drive, Suite 200
Sacramento, CA 95815
Phone: (661) 556-4540
Email: DYurosek@bolthouseproperties.com

Direct all inquiries to the Project Manager:

Anita Regmi

Division of IRWM
770 Fairmont Avenue, Suite 102
Glendale, CA 91203-1035
Phone: (818) 549-2340
Email: Anita.Regmi@water.ca.gov

Cuyama Basin Groundwater Sustainability Agency

Taylor Blakslee
Project Manager
1901 Royal Oaks Drive, Suite 200
Sacramento, CA 95815
Phone: (661) 477-3385
Email: tblakslee@hgcpm.com

Either party may change its Project Representative or Project Manager upon written notice to the other party.

24) STANDARD PROVISIONS. The following Exhibits are attached and made a part of this Grant Agreement by this reference:

Exhibit A – Work Plan

Exhibit B – Budget

Exhibit C – Schedule

Exhibit D – Standard Conditions

Exhibit E – Authorizing Resolution Accepting Funds

Exhibit F – Report Formats and Requirements

Exhibit G – Requirements for Data Submittal

Exhibit H – State Audit Document Requirements and Cost Share Guidelines for Grantees

Exhibit I – Local Project Sponsors

Exhibit J – Project Location

Exhibit K – Monitoring Plan

IN WITNESS WHEREOF, the parties hereto have executed this Grant Agreement.

STATE OF CALIFORNIA
DEPARTMENT OF WATER RESOURCES

Cuyama Basin Groundwater Sustainability Agency

Arthur Hinojosa
Chief, Division of Integrated Regional Water
Management

Derek Yurosek
Chairperson, Board of Directors

Date_____

Date_____

Approved as to Legal Form and Sufficiency

Robin Brewer, Assistant Chief Counsel
Office of Chief Counsel

Date_____

EXHIBIT A WORK PLAN

Project Title: Cuyama Basin Groundwater Sustainability Plan (Project)

Project Description: Grantee's Project shall: 1) prepare a monitoring and adaptive management program that will support a strong GSP; and; 2) develop a GSP for the Cuyama Valley Groundwater Basin (Basin) that meets the legislative and regulatory requirements. The Project shall provide assistance for the SDAC portions of the Basin during the GSP development.

Component 1: Grant Administration

Manage and administer the Project. Prepare reports detailing work completed during reporting period as outlined in Exhibit F of this Agreement. Progress Reports will include sufficient information for DWR Program Manager to understand and review backup documentation submitted with invoices. Submit quarterly invoices to the DWR Project Manager for review. Collect and organize backup documentation by task and prepare a summary excel document detailing contents of the backup documentation organized by task.

Prepare Draft Component Close-Out Reports and Draft Grant Completion Report and submit to DWR Project Manager for comment and review no later than 90 days after work completion. Prepare Final Component Close-Out Report and Grant Completion Report addressing the DWR Project Manager's comments. The report shall be prepared and presented in accordance with the provisions of Exhibit F.

Deliverables:

- Executed Grant Agreement and Amendment(s) (if necessary)
- Environmental Information Form
- Quarterly Progress Reports, invoices, and associated backup documentation
- Draft and Final Component Close-Out Reports
- Draft and Final Grant Completion Report

Component 2: Monitoring and Adaptive Management Program Implementation

Prepare a monitoring and adaptive management program that will support a strong GSP. This component contains four major tasks.

Category (a): Monitoring and Adaptive Management Program Implementation

Task 1: Groundwater Monitoring Well Network Expansion

Review the existing monitoring network to identify areas in the Basin that are not adequately monitored. A data gap analysis will narrow the area to explore for existing wells to include in the monitoring network. A list of new potential monitoring wells will be generated. Wells currently monitored on a bi-annual basis will also be evaluated and considered for installation of continuous monitoring equipment.

Contact individual well owners to discuss voluntarily adding their well to the monitoring network. Wells that receive permission will be added to the monitoring network. Monitoring protocols will be developed for implementation. Ten (10) wells will be equipped with monitoring equipment consisting of continuous, telemetered monitoring sensors where recommended and appropriate.

Perform representative water quality sampling and testing to help assess groundwater quality conditions in the Basin, with sampling performed a minimum of two times per well. The results of the groundwater monitoring network expansion will be summarized in a technical memorandum.

Deliverables:

- PDF map for new monitoring well locations

- Final Technical Memorandum
- Groundwater Project Monitoring Plan

Task 2: Evapotranspiration Evaluation for Cuyama Basin Region

Perform a spatial evapotranspiration (ET) evaluation for selected historical years throughout the Basin. The evaluation will provide daily actual Crop Evapotranspiration (ET_c) and Crop Coefficient (K_c) values. Daily corrected Reference Evapotranspiration (ET_o) will then be used to compute ET_c for each pixel and these values will be summed on a monthly basis to determine monthly ET. Review the developed ET results and compare with existing crop evapotranspiration and deep percolation estimates. The results of this evaluation will be used to adjust the ET evaluation if necessary and will be documented in the technical memorandum.

Develop a technical memorandum that documents the assumptions, approach and results of the ET evaluation.

Deliverables:

- Final Technical Memorandum

Task 3: Surface Water Monitoring Program

Update the Surface Water Monitoring Program Elements of this task include identifying viable surface water bodies (including ephemeral and intermittent creeks, fully flowing creeks, and the Cuyama River), identification of monitoring sites, development of monitoring protocols and installation of gauges in recommended locations. Evaluate existing data appropriate to development of the program to identify areas lacking monitoring to plan strategic monitoring points to improve the understanding of surface water regimes at a basin-scale.

Identify data gaps in areas lacking surface water monitoring. Identified streams will be equipped with gauges. Prior to stream gauge installation all required California Environmental Quality Act (CEQA)/National Environmental Policy Act (NEPA) documentation, as well as, all permits, and property access agreements will be prepared and approved for the identified stream gauge sites as set forth in Paragraphs 14 and D.7 of this Agreement. Develop a rating curve and update regularly to accommodate for stream channel changes and installation specifics.

Develop monitoring protocols for implementation. Surface water monitoring protocols available for use in the Basin will be reviewed and documented. Document selected monitoring locations and recommended monitoring methodologies in a technical memorandum.

Deliverables:

- PDF map of new stream gauge locations
- Final Technical Memorandum
- CEQA/NEPA documentation, required permits, and property access agreements
- Stream Gauges Project Monitoring Plan

Task 4: Stakeholder Coordination, Community Outreach and Education

Conduct a minimum of three (3) meetings to promote collaboration across stakeholders, discuss outstanding items, and generate action items for advancing the project.

Deliverables:

- Meeting summaries included in Progress Reports

Component 3: GSP Development for the Cuyama Valley Groundwater Basin

Prepare a GSP that will cover the entire Cuyama Valley Groundwater Basin.

Category (a): GSP Development

Task 1: Initiate Work Plan for GSP and Stakeholder Engagement Strategy Development

Initiate the Work Plan with the stakeholders and refine the GSP scope to ensure successful development of the GSP including development of a schedule. Develop the Stakeholder Engagement Strategy that addresses outreach challenges including: building trust between residents, agricultural interests, and environmental interests; language barriers; and the need for strong but transparent facilitation. Final version of the Stakeholder Engagement Strategy will be developed in consultation with GSA member agency personnel.

Deliverables:

- Final GSP Development Work Plan
- Final Stakeholder Engagement Strategy Plan

Task 2: Data Management System, Data Collection and Analysis, and Plan Review

Develop a data management system (DMS) that can store, report, and visualize information to support development and implementation of the GSP, as well as continued monitoring of the Basin and sustainability tracking. The DMS will manage and present the data in a centralized and transparent environment to enable utilization of the same tools and data by stakeholders.

Develop a user manual to document overall system architecture, the interactions between each module, and usage of the system, including how to import and manage data, how to generate reports, and how to visualize results. A minimum of two (2) training workshops will be held to explain the framework and usage of the system to end-users. Develop a draft Data Management section for the GSP that documents the data collection effort and development of the DMS.

Deliverables:

- Technical Memo describing the DMS development activities and progress
- Copy of the User Manual

Task 3: GSP Development

Prepare a GSP for the Basin that meets the SGMA requirements. The GSP may include the sections outlined below.

1. Description of the Plan Area, Hydrogeologic Conceptual Model, and Groundwater Conditions
Develop a description of the GSP Plan Area, prepare the Hydrogeologic Conceptual Model (HCM), and prepare a draft groundwater conditions section for the GSP.
2. Basin Model and Water Budget
Develop an accurate and comprehensive model of the Basin, either by updating the existing model or developing a new Basin-wide model. Prepare a draft Water Budget section for the GSP that includes documentation and use of the outputs of the groundwater model for reporting historical, current and future water budget information will be populated by the groundwater modeling efforts.
3. Establish Basin Sustainability Criteria
Develop sustainable management criteria for the GSP and develop a draft GSP section on sustainable management criteria. Identify a sustainability goal for the GSP that meets local needs while promoting sustainable use of groundwater in the Basin.

Identify undesirable results for each sustainability indicator, analyze how representative monitoring and management areas will affect sustainability thresholds, establish minimum thresholds, establish the measurable objectives and identify an interim milestone for each sustainability indicator.

4. Monitoring Networks

Develop a monitoring program that builds on the existing monitoring network to track future progress toward the GSP sustainability goals. The results of the proposed monitoring network evaluation will be incorporated into this task.

Develop monitoring networks for the six sustainability indicators. Each monitoring network will consider spatial density of monitoring locations, vertical density (depth) of monitoring locations to ensure that monitoring occurs for each sustainability indicator in all primary aquifers in the Basin. If data gaps exist in the monitoring network, they will be identified during network development and an implementation plan for data gaps will be developed.

5. Projects and Actions for Sustainability Goals

Perform an assessment of numerous alternative water management scenarios—projects, programs, and management actions or strategies—for managing groundwater use sustainably. Establish a prioritization process and prioritize each of the identified projects and management actions. A minimum of six (6) potential projects will be assessed that focus on contributing toward a long-term water supply solution for the Basin. A draft Projects and Management Actions section will be developed for the GSP.

6. Groundwater Sustainability Plan Implementation

Develop a plan implementation section for the GSP that documents and plans how implementation actions will be performed and work together to achieve sustainability. The implementation plan will include the management program, implementation schedule, GSP costs and funding, data management plan, model updates, and other GSP implementation activities.

7. Groundwater Sustainability Plan Document Development

Prepare an outline for the GSP, a draft of the GSP, a public review draft of the GSP, and a final draft of the GSP. Comments incorporated into the GSP will be used to prepare the final draft of the GSP. Once finalized, the GSP will be adopted by the GSA.

Deliverables:

- Draft GSP
- Proof of Final GSP submittal to DWR

Task 4: Implement Stakeholder Engagement Strategy

Implement the Stakeholder Engagement Strategy. All outreach, education and communication performed during GSP development will be documented, including: identification of participants; the nature of consultation with parties affected by the GSP; a list of public meetings held where the GSP was discussed or considered by the GSA; and a collection and posting of comments received regarding the GSP. Meeting summaries and/or presentations will be compiled and included in an appendix of the GSP. This task will also be used to maintain the interested parties list.

Deliverables:

- Summary report on Implementation of the Stakeholder Engagement Strategy Plan
- Summaries for each meeting included as an attachment to the Quarterly Progress Report

EXHIBIT B BUDGET

Agreement Total Project Budget Summary					
Project Title: Cuyama Basin GSP					
COMPONENTS		Grant Amount	Required Cost Share (non-state source)*	Other Cost Share	Total Cost
1	Grant Administration	\$45,536	\$0	\$0	\$45,536
2	Monitoring and Adaptive Management Program Implementation	\$632,736	\$0	\$0	\$632,736
3	GSP Development for the Cuyama Valley Groundwater Basin	\$1,469,852	\$0	\$0	\$1,469,852
TOTAL Project		\$2,148,124	\$0	\$0	\$2,148,124

NOTE:

*An SDAC cost share waiver has been approved for 100 percent of project costs.

Component 1 – Budget					
Component 1: Grant Administration					
Budget Category		Grant Amount	Required Cost Share (non-state source)*	Other Cost Share**	Total Cost
(a)	Grant Administration	\$45,536	\$0	\$0	\$45,536
TOTAL COSTS		\$45,536	\$0	\$0	\$45,536

NOTE:

*An SDAC cost share waiver has been approved for 100 percent of project costs

Component 2 – Budget					
Component 2: Monitoring and Adaptive Management Program Implementation					
Budget Category		Grant Amount	Required Cost Share (non-state source)*	Other Cost Share**	Total Cost
(a)	Monitoring and Adaptive Management Program Implementation	\$632,736	\$0	\$0	\$632,736
TOTAL COSTS		\$632,736	\$0	\$0	\$632,736

NOTE:

*An SDAC cost share waiver has been approved for 100 percent of project costs.

Component 3 – Budget					
Component 3: GSP Development for the Cuyama Valley Groundwater Basin					
Budget Category		Grant Amount	Required Cost Share (non-state source)*	Other Cost Share	Total Cost
(a)	GSP Development	\$1,469,852	\$0	\$0	\$1,469,852
TOTAL COSTS		\$1,469,852	\$0	\$0	\$1,469,852

NOTE:

*An SDAC cost share waiver has been approved for 100 percent of project costs

EXHIBIT C
SCHEDULE

Project Schedule			
Project Title: Cuyama Basin GSP			
Categories		Start Date	End Date
Component 1: Grant Administration		12/01/2017	03/31/2020
(a)	Grant Administration	12/01/2017	03/31/2020
Component 2: Monitoring and Adaptive Management Program Implementation		01/01/2018	03/31/2020
(a)	Monitoring and Adaptive Management Program Implementation	01/01/2018	03/31/2020
Component 3: GSP Development for the Cuyama Valley Groundwater Basin		12/01/2017	03/31/2020
(a)	GSP Development	12/01/2017	01/31/2020

EXHIBIT D
STANDARD CONDITIONS

D.1) ACCOUNTING AND DEPOSIT OF FUNDING DISBURSEMENT:

- a) **Separate Accounting of Funding Disbursements:** The Grantee shall account for the money disbursed pursuant to this Grant Agreement separately from all other Grantee funds. The Grantee shall maintain audit and accounting procedures that are in accordance with generally accepted accounting principles and practices, consistently applied. The Grantee shall keep complete and accurate records of all receipts and disbursements on expenditures of such funds. The Grantee shall require its contractors or subcontractors to maintain books, records, and other documents pertinent to their work in accordance with generally accepted accounting principles and practices. Records are subject to inspection by the State at any and all reasonable times.
- b) **Disposition of Money Disbursed:** All money disbursed pursuant to this Grant Agreement shall be deposited in a non-interest bearing account, administered, and accounted for pursuant to the provisions of applicable law.
- c) **Remittance of Unexpended Funds:** The Grantee shall remit to the State any unexpended funds that were disbursed to the Grantee under this Grant Agreement and were not used to pay Eligible Project Costs within a period of sixty (60) calendar days from the final disbursement from the State to the Grantee of funds or, within thirty (30) calendar days of the expiration of the Grant Agreement, whichever comes first.

D.2) ACKNOWLEDGEMENT OF CREDIT AND SIGNAGE: The Grantee shall include appropriate acknowledgement of credit to the State for its support when promoting the Project or using any data and/or information developed under this Grant Agreement. Signage shall be posted in a prominent location at Project site(s) (if applicable) or at the Grantee's headquarters and shall include the Department of Water Resources color logo and the following disclosure statement: "Funding for this project has been provided in full or in part from the Water Quality, Supply, and Infrastructure Improvement Act of 2014 and through an agreement with the State Department of Water Resources." The Grantee shall also include in each of its contracts for work under this Agreement a provision that incorporates the requirements stated within this paragraph.

D.3) AMENDMENT: This Grant Agreement may be amended at any time by mutual agreement of the Parties, except insofar as any proposed amendments are in any way contrary to applicable law. Requests by the Grantee for amendments must be in writing stating the amendment request and the reason for the request. The State shall have no obligation to agree to an amendment.

D.4) AMERICANS WITH DISABILITIES ACT: By signing this Grant Agreement, the Grantee assures the State that it complies with the Americans with Disabilities Act (ADA) of 1990, (42 U.S.C. § 12101 et seq.), which prohibits discrimination on the basis of disability, as well as all applicable regulations and guidelines issued pursuant to the ADA.

D.5) AUDITS: The State reserves the right to conduct an audit at any time between the execution of this Grant Agreement and the completion of the Project, with the costs of such audit borne by the State. After completion of the Project, the State may require the Grantee to conduct a final audit to the State's specifications, at the Grantee's expense, such audit to be conducted by and a report prepared by an independent Certified Public Accountant. Failure or refusal by the Grantee to comply with this provision shall be considered a breach of this Grant Agreement, and the State may elect to pursue any remedies provided in Paragraph 12 or take any other action it deems necessary to protect its interests.

Pursuant to Government Code Section 8546.7, the Grantee shall be subject to the examination and audit by the State for a period of three (3) years after final payment under this Grant Agreement with respect of all matters connected with this Grant Agreement, including but not limited to, the cost of administering this Grant Agreement. All records of the Grantee or its contractor or subcontractors shall

be preserved for this purpose for at least three (3) years after receipt of the final disbursement under this Agreement. If an audit reveals any impropriety, the Bureau of State Audits or the State Controller's Office may conduct a full audit of any or all of the Funding Recipient's activities. (Wat. Code, § 79708, subd. (b).)

- D.6) **BUDGET CONTINGENCY:** If the Budget Act of the current year covered under this Grant Agreement does not appropriate sufficient funds for this program, this Grant Agreement shall be of no force and effect. This provision shall be construed as a condition precedent to the obligation of the State to make any payments under this Grant Agreement. In this event, the State shall have no liability to pay any funds whatsoever to the Grantee or to furnish any other considerations under this Grant Agreement and the Grantee shall not be obligated to perform any provisions of this Grant Agreement. Nothing in this Grant Agreement shall be construed to provide the Grantee with a right of priority for payment over any other Grantee. If funding for any fiscal year after the current year covered by this Grant Agreement is reduced or deleted by the Budget Act, by Executive Order, or by order of the Department of Finance, the State shall have the option to either cancel this Grant Agreement with no liability occurring to the State, or offer a Grant Agreement amendment to the Grantee to reflect the reduced amount.
- D.7) **CEQA:** Activities funded under this Grant Agreement, regardless of funding source, must be in compliance with the California Environmental Quality Act (CEQA). (Pub. Resources Code, § 21000 et seq.) Any work that is subject to CEQA and funded under this Grant Agreement shall not proceed until documents that satisfy the CEQA process are received by the State's Project Manager and the State has completed its CEQA compliance. Work funded under the Grant Agreement subject to a CEQA document shall not proceed until and unless approved by the State Project Manager. Such approval is fully discretionary and shall constitute a condition precedent to any work for which it is required. If CEQA compliance by the Grantee is not complete at the time the State signs this Agreement, once the State has considered the environmental documents, it may decide to require changes, alterations, or other mitigation to the Project; or to not fund the Project. Should the State decide to not fund the Project, this Agreement shall be terminated in accordance with Paragraph 12.
- D.8) **CHILD SUPPORT COMPLIANCE ACT:** The Grantee acknowledges in accordance with Public Contract Code Section 7110, that:
- a) The Grantee recognizes the importance of child and family support obligations and shall fully comply with all applicable state and federal laws relating to child and family support enforcement, including, but not limited to, disclosure of information and compliance with earnings assignment orders, as provided in Family Code Section 5200 et seq.; and
 - b) The Grantee, to the best of its knowledge is fully complying with the earnings assignment orders of all employees and is providing the names of all new employees to the New Hire Registry maintained by the California Employment Development Department.
- D.9) **CLAIMS DISPUTE:** Any claim that the Grantee may have regarding performance of this Agreement including, but not limited to, claims for additional compensation or extension of time, shall be submitted to the DWR Project Representative, within thirty (30) days of the Grantee's knowledge of the claim. The State and the Grantee shall then attempt to negotiate a resolution of such claim and process an amendment to this Agreement to implement the terms of any such resolution.
- D.10) **COMPETITIVE BIDDING AND PROCUREMENTS:** The Grantee shall comply with all applicable laws and regulations regarding securing competitive bids and undertaking competitive negotiations in the Grantee's contracts with other entities for acquisition of goods and services and construction of public works with funds provided by the State under this Grant Agreement.
- D.11) **COMPUTER SOFTWARE:** The Grantee certifies that it has appropriate systems and controls in place to ensure that State funds will not be used in the performance of this Grant Agreement for the acquisition, operation, or maintenance of computer software in violation of copyright laws.

- D.12) **CONFLICT OF INTEREST:** All participants are subject to state and federal conflict of interest laws. Failure to comply with these laws, including business and financial disclosure provisions, will result in the application being rejected and any subsequent contract being declared void. Other legal action may also be taken. Applicable statutes include, but are not limited to, Government Code Section 1090 and Public Contract Code Sections 10410 and 10411, for State conflict of interest requirements.
- a) **Current State Employees:** No State officer or employee shall engage in any employment, activity, or enterprise from which the officer or employee receives compensation or has a financial interest and which is sponsored or funded by any State agency, unless the employment, activity, or enterprise is required as a condition of regular State employment. No State officer or employee shall contract on his or her own behalf as an independent contractor with any State agency to provide goods or services.
 - b) **Former State Employees:** For the two-year period from the date he or she left State employment, no former State officer or employee may enter into a contract in which he or she engaged in any of the negotiations, transactions, planning, arrangements, or any part of the decision-making process relevant to the contract while employed in any capacity by any State agency. For the twelve-month period from the date he or she left State employment, no former State officer or employee may enter into a contract with any State agency if he or she was employed by that State agency in a policy-making position in the same general subject area as the proposed contract within the twelve-month period prior to his or her leaving State service.
 - c) **Employees of the Grantee:** Employees of the Grantee shall comply with all applicable provisions of law pertaining to conflicts of interest, including but not limited to any applicable conflict of interest provisions of the California Political Reform Act. (Gov. Code, § 87100 et seq.)
 - d) **Employees and Consultants to the Grantee:** Individuals working on behalf of the Grantee may be required by DWR to file a Statement of Economic Interests (Fair Political Practices Commission Form 700) if it is determined that an individual is a consultant for Political Reform Act purposes.
- D.13) **DELIVERY OF INFORMATION, REPORTS, AND DATA:** The Grantee agrees to expeditiously provide throughout the term of this Grant Agreement, such reports, data, information, and certifications as may be reasonably required by the State.
- D.14) **DISPOSITION OF EQUIPMENT:** The Grantee shall provide to the State, not less than 30 calendar days prior to submission of the final invoice, an itemized inventory of equipment purchased with funds provided by the State. The inventory shall include all items with a current estimated fair market value of more than \$5,000.00 per item. Within 60 calendar days of receipt of such inventory the State shall provide the Grantee with a list of the items on the inventory that the State will take title to. All other items shall become the property of the Grantee. The State shall arrange for delivery from the Grantee of items that it takes title to. Cost of transportation, if any, shall be borne by the State.
- D.15) **DRUG-FREE WORKPLACE CERTIFICATION:** Certification of Compliance: By signing this Grant Agreement, the Grantee, its contractors or subcontractors hereby certify, under penalty of perjury under the laws of State of California, compliance with the requirements of the Drug-Free Workplace Act of 1990 (Gov. Code § 8350 et seq.) and have or will provide a drug-free workplace by taking the following actions:
- a) Publish a statement notifying employees, contractors, and subcontractors that unlawful manufacture, distribution, dispensation, possession, or use of a controlled substance is prohibited and specifying actions to be taken against employees, contractors, or subcontractors for violations, as required by Government Code Section 8355.
 - b) Establish a Drug-Free Awareness Program, as required by Government Code Section 8355 to inform employees, contractors, or subcontractors about all of the following:

- i) The dangers of drug abuse in the workplace,
 - ii) The Grantee's policy of maintaining a drug-free workplace,
 - iii) Any available counseling, rehabilitation, and employee assistance programs, and
 - iv) Penalties that may be imposed upon employees, contractors, and subcontractors for drug abuse violations.
- c) Provide, as required by Government Code Section 8355, that every employee, contractor, and/or subcontractor who works under this Grant Agreement:
- i) Will receive a copy of the Grantee's drug-free policy statement, and
 - ii) Will agree to abide by terms of the Grantee's condition of employment, contract or subcontract.

D.16) **EASEMENTS**: Where the Grantee acquires property in fee title or funds improvements to real property already owned in fee by the Grantee using State funds provided through this Grant Agreement, an appropriate easement or other title restriction providing for floodplain preservation and agricultural and/or wildlife habitat conservation for the subject property in perpetuity, approved by the State, shall be conveyed to a regulatory or trustee agency or conservation group acceptable to the State. The easement or other title restriction must be in first position ahead of any recorded mortgage or lien on the property unless this requirement is waived by the State.

Where the Grantee acquires an easement under this Agreement, the Grantee agrees to monitor and enforce the terms of the easement, unless the easement is subsequently transferred to another land management or conservation organization or entity with State permission, at which time monitoring and enforcement responsibilities will transfer to the new easement owner.

Failure to provide an easement acceptable to the State can result in termination of this Agreement.

D.17) **FINAL INSPECTIONS AND CERTIFICATION OF REGISTERED PROFESSIONAL**: Upon completion of the Project, the Grantee shall provide for a final inspection and certification by a California Registered Professional (i.e., Professional Civil Engineer, Engineering Geologist, that the Project has been completed in accordance with submitted final plans and specifications and any modifications thereto and in accordance with this Grant Agreement.

D.18) **GRANTEE'S RESPONSIBILITY**. The Grantee and its representatives shall:

- a) Faithfully and expeditiously perform or cause to be performed all project work as described in Exhibit A and in accordance with Project Exhibit B and Exhibit C.
- b) Accept and agree to comply with all terms, provisions, conditions, and written commitments of this Grant Agreement, including all incorporated documents, and to fulfill all assurances, declarations, representations, and statements made by the Grantee in the application, documents, amendments, and communications filed in support of its request for funding.
- c) Comply with all applicable California, federal, and local laws and regulations.
- d) Implement the Project in accordance with applicable provisions of the law.
- e) Fulfill its obligations under the Grant Agreement and be responsible for the performance of the Project.
- f) Obtain any and all permits, licenses, and approvals required for performing any work under this Grant Agreement, including those necessary to perform design, construction, or operation and maintenance of the Project. The Grantee shall provide copies of permits and approvals to the State.
- g) Be solely responsible for design, construction, and operation and maintenance of projects within the work plan. Review or approval of plans, specifications, bid documents, or other construction documents by the State is solely for the purpose of proper administration of funds by the State and shall not be deemed to relieve or restrict responsibilities of the Grantee under this Agreement.

- h) Be solely responsible for all work and for persons or entities engaged in work performed pursuant to this Grant Agreement, including, but not limited to, contractors, subcontractors, suppliers, and providers of services. The Grantee shall be responsible for any and all disputes arising out of its contracts for work on the Project, including but not limited to payment disputes with contractors and subcontractors. The State will not mediate disputes between the Grantee and any other entity concerning responsibility for performance of work.
- D.19) GOVERNING LAW: This Grant Agreement is governed by and shall be interpreted in accordance with the laws of the State of California.
- D.20) INCOME RESTRICTIONS: The Grantee agrees that any refunds, rebates, credits, or other amounts (including any interest thereon) accruing to or received by the Grantee under this Agreement shall be paid by the Grantee to the State, to the extent that they are properly allocable to costs for which the Grantee has been reimbursed by the State under this Agreement.
- D.21) INDEMNIFICATION: The Grantee shall indemnify and hold and save the State, its officers, agents, and employees, free and harmless from any and all liabilities for any claims and damages (including inverse condemnation) that may arise out of the Project and this Agreement, including, but not limited to any claims or damages arising from planning, design, construction, maintenance and/or operation of this Project and any breach of this Agreement. The Grantee shall require its contractors or subcontractors to name the State, its officers, agents and employees as additional insureds on their liability insurance for activities undertaken pursuant to this Agreement.
- D.22) INDEPENDENT CAPACITY: The Grantee, and the agents and employees of the Grantees, in the performance of the Grant Agreement, shall act in an independent capacity and not as officers, employees, or agents of the State.
- D.23) INSPECTION OF BOOKS, RECORDS, AND REPORTS: During regular office hours, each of the parties hereto and their duly authorized representatives shall have the right to inspect and to make copies of any books, records, or reports of either party pertaining to this Grant Agreement or matters related hereto. Each of the parties hereto shall maintain and shall make available at all times for such inspection accurate records of all its costs, disbursements, and receipts with respect to its activities under this Grant Agreement. Failure or refusal by the Grantee to comply with this provision shall be considered a breach of this Grant Agreement, and the State may withhold disbursements to the Grantee or take any other action it deems necessary to protect its interests.
- D.24) INSPECTIONS OF PROJECT BY STATE: The State shall have the right to inspect the work being performed at any and all reasonable times during the term of the Grant Agreement. This right shall extend to any subcontracts, and the Grantee shall include provisions ensuring such access in all its contracts or subcontracts entered into pursuant to its Grant Agreement with the State.
- D.25) LABOR CODE COMPLIANCE: The Grantee agrees to be bound by all the provisions of the Labor Code regarding prevailing wages and shall monitor all contracts subject to reimbursement from this Agreement to assure that the prevailing wage provisions of the Labor Code are being met. Current Department of Industrial Relations (DIR) requirements may be found at <http://www.dir.ca.gov/lcp.asp>. For more information, please refer to DIR's *Public Works Manual* at: <http://www.dir.ca.gov/dlse/PWManualCombined.pdf>. The Grantee affirms that it is aware of the provisions of Section 3700 of the Labor Code, which requires every employer to be insured against liability for workers' compensation or to undertake self-insurance, and the Grantee affirms that it will comply with such provisions before commencing the performance of the work under this Agreement and will make its contractors and subcontractors aware of this provision.
- D.26) MODIFICATION OF OVERALL WORK PLAN: At the request of the Grantee, the State may at its sole discretion approve non-material changes to the portions of Exhibit A which concern the budget and schedule without formally amending this Grant Agreement. Non-material changes with respect to the budget are changes that only result in reallocation of the budget and will not result in an increase in the

amount of the State Grant Agreement. Non-material changes with respect to the Project schedule are changes that will not extend the term of this Grant Agreement. Requests for non-material changes to the budget and schedule must be submitted by the Grantee to the State in writing and are not effective unless and until specifically approved by the State's Program Manager in writing.

- D.27) **NONDISCRIMINATION:** During the performance of this Grant Agreement, the Grantee and its contractors or subcontractors shall not unlawfully discriminate, harass, or allow harassment against any employee or applicant for employment because of sex (gender), sexual orientation, race, color, ancestry, religion, creed, national origin (including language use restriction), pregnancy, physical disability (including HIV and AIDS), mental disability, medical condition (cancer/genetic characteristics), age (over 40), marital status, and denial of medial and family care leave or pregnancy disability leave. The Grantee and its contractors or subcontractors shall ensure that the evaluation and treatment of their employees and applicants for employment are free from such discrimination and harassment. The Grantee and its contractors or subcontractors shall comply with the provisions of the California Fair Employment and Housing Act (Gov. Code, § 12990.) and the applicable regulations promulgated there under (Cal. Code Regs., tit. 2, § 11000 et seq.). The applicable regulations of the Fair Employment and Housing Commission implementing the California Fair Employment and Housing Act are incorporated into this Agreement by reference. The Grantee and its contractors or subcontractors shall give written notice of their obligations under this clause to labor organizations with which they have a collective bargaining or other agreement.

The Grantee shall include the nondiscrimination and compliance provisions of this clause in all subcontracts to perform work under the Grant Agreement.

- D.28) **OPINIONS AND DETERMINATIONS:** Where the terms of this Grant Agreement provide for action to be based upon, judgment, approval, review, or determination of either party hereto, such terms are not intended to be and shall never be construed as permitting such opinion, judgment, approval, review, or determination to be arbitrary, capricious, or unreasonable.
- D.29) **PRIORITY HIRING CONSIDERATIONS:** If this Grant Agreement includes services in excess of \$200,000, the Grantee shall give priority consideration in filling vacancies in positions funded by the Grant Agreement to qualified recipients of aid under Welfare and Institutions Code Section 11200 in accordance with Public Contract Code Section 10353.
- D.30) **PROHIBITION AGAINST DISPOSAL OF PROJECT WITHOUT STATE PERMISSION:** The Grantee shall not sell, abandon, lease, transfer, exchange, mortgage, hypothecate, or encumber in any manner whatsoever all or any portion of any real or other property necessarily connected or used in conjunction with the Project, or with the Grantee's service of water, without prior permission of the State. The Grantee shall not take any action, including but not limited to actions relating to user fees, charges, and assessments that could adversely affect the ability of the Grantee to meet its obligations under this Grant Agreement, without prior written permission of the State. The State may require that the proceeds from the disposition of any real or personal property be remitted to the State.
- D.31) **REMEDIES NOT EXCLUSIVE:** The use by either party of any remedy specified herein for the enforcement of this Grant Agreement is not exclusive and shall not deprive the party using such remedy of, or limit the application of, any other remedy provided by law.
- D.32) **RETENTION:** The State shall withhold ten percent (10%) of the funds requested by the Grantee for reimbursement of Eligible Project Costs until the Project is completed and Final Project Completion Report is approved. Any retained amounts due to the Grantee will be promptly disbursed to the Grantee, without interest, upon completion of the Project.
- D.33) **RIGHTS IN DATA:** The Grantee agrees that all data, plans, drawings, specifications, reports, computer programs, operating manuals, notes and other written or graphic work produced in the performance of this Grant Agreement shall be made available to the State and shall be in the public domain to the extent to which release of such materials is required under the California Public Records Act. (Gov.

Code, § 6250 et seq.) The Grantee may disclose, disseminate and use in whole or in part, any final form data and information received, collected and developed under this Grant Agreement, subject to appropriate acknowledgement of credit to the State for financial support. The Grantee shall not utilize the materials for any profit-making venture or sell or grant rights to a third party who intends to do so. The State shall have the right to use any data described in this paragraph for any public purpose.

- D.34) SEVERABILITY: Should any portion of this Grant Agreement be determined to be void or unenforceable, such shall be severed from the whole and the Grant Agreement shall continue as modified.
- D.35) SUSPENSION OF PAYMENTS: This Grant Agreement may be subject to suspension of payments or termination, or both if the State determines that:
- a) The Grantee, its contractors, or subcontractors have made a false certification, or
 - b) The Grantee, its contractors, or subcontractors violates the certification by failing to carry out the requirements noted in this Grant Agreement.
- D.36) SUCCESSORS AND ASSIGNS: This Grant Agreement and all of its provisions shall apply to and bind the successors and assigns of the parties. No assignment or transfer of this Grant Agreement or any part thereof, rights hereunder, or interest herein by the Grantee shall be valid unless and until it is approved by State and made subject to such reasonable terms and conditions as the State may impose.
- D.37) TERMINATION BY GRANTEE: Subject to State approval which may be reasonably withheld, the Grantee may terminate this Agreement and be relieved of contractual obligations. In doing so, the Grantee must provide a reason(s) for termination. The Grantee must submit all progress reports summarizing accomplishments up until termination date.
- D.38) TERMINATION FOR CAUSE: Subject to the right to cure under Paragraph 12, the State may terminate this Grant Agreement and be relieved of any payments should the Grantee fail to perform the requirements of this Grant Agreement at the time and in the manner herein, provided including but not limited to reasons of default under Paragraph 12.
- D.39) TERMINATION WITHOUT CAUSE: The State may terminate this Agreement without cause on 30 days advance written notice. The Grantee shall be reimbursed for all reasonable expenses incurred up to the date of termination.
- D.40) THIRD PARTY BENEFICIARIES: The parties to this Agreement do not intend to create rights in, or grant remedies to, any third party as a beneficiary of this Agreement, or any duty, covenant, obligation or understanding established herein.
- D.41) TIMELINESS: Time is of the essence in this Grant Agreement.
- D.42) TRAVEL – DAC, EDA, or SDAC PROJECT/COMPONENT: If a Project/Component obtains a DAC, EDA, or SDAC Cost Share Waiver, the Grantee may submit travel and per diem costs for eligible reimbursement with State funds. Travel includes the reasonable and necessary costs of transportation, subsistence, and other associated costs incurred by personnel during the term of this Grant Agreement. Any reimbursement for necessary travel and per diem shall be at rates not to exceed those set by the California Department of Human Resources. These rates may be found at: <http://www.calhr.ca.gov/employees/Pages/travel-reimbursements.aspx>. Reimbursement will be at the State travel and per diem amounts that are current as of the date costs are incurred. No travel outside the State of California shall be reimbursed unless prior written authorization is obtained from the State. All travel approved expenses will be reimbursed at the percentage rate of the DAC, EDA, or SDAC Cost Share Waiver. For example, if the Grantee obtains a 100% Waiver, 100% of all approved travel expenses can be invoiced for reimbursement. If the Grantee obtains a 50% Waiver, only 50% of eligible travel expenses will be reimbursed by these grant funds.

- D.43) TRAVEL – NON-DAC, EDA, or SDAC PROJECT/COMPONENT: The Grantee agrees that travel and per diem costs shall NOT be eligible for reimbursement with State funds, unless the Grantee's service area is considered a DAC, EDA, or SDAC. The Grantee also agrees that travel and per diem costs shall NOT be eligible for computing Grantee Local Cost Share. Travel includes the costs of transportation, subsistence, and other associated costs incurred by personnel during the term of this Grant Agreement.
- D.44) UNION ORGANIZING: The Grantee, by signing this Grant Agreement, hereby acknowledges the applicability of Government Code Sections 16645 through 16649 to this Grant Agreement. Furthermore, the Grantee, by signing this Grant Agreement, hereby certifies that:
- a) No State funds disbursed by this Grant Agreement will be used to assist, promote, or deter union organizing.
 - b) The Grantee shall account for State funds disbursed for a specific expenditure by this Grant Agreement to show those funds were allocated to that expenditure.
 - c) The Grantee shall, where State funds are not designated as described in (b) above, allocate, on a pro rata basis, all disbursements that support the program.
 - d) If the Grantee makes expenditures to assist, promote, or deter union organizing, the Grantee will maintain records sufficient to show that no State funds were used for those expenditures and that the Grantee shall provide those records to the Attorney General upon request.
- D.45) VENUE: The State and the Grantee hereby agree that any action arising out of this Agreement shall be filed and maintained in the Superior Court in and for the County of Sacramento, California, or in the United States District Court in and for the Eastern District of California. The Grantee hereby waives any existing sovereign immunity for the purposes of this Agreement.
- D.46) WAIVER OF RIGHTS: None of the provisions of this Grant Agreement shall be deemed waived unless expressly waived in writing. It is the intention of the parties here to that from time to time either party may waive any of its rights under this Grant Agreement unless contrary to law. Any waiver by either party of rights arising in connection with the Grant Agreement shall not be deemed to be a waiver with respect to any other rights or matters, and such provisions shall continue in full force and effect.

EXHIBIT E
AUTHORIZING RESOLUTION ACCEPTING FUNDS

**RESOLUTION OF THE CUYAMA BASIN
GROUNDWATER SUSTAINABILITY AGENCY**

Resolution No: 2017-02

**RESOLUTION DESIGNATING THE BOARD CHAIRPERSON, OR DESIGNEE, AS THE
AUTHORIZED REPRESENTATIVE
TO FILE AN APPLICATION AND EXECUTE AN AGREEMENT WITH
THE CALIFORNIA DEPARTMENT OF WATER RESOURCES
FOR THE SUSTAINABLE GROUNDWATER PLANNING GRANT PROGRAM'S
"GROUNDWATER SUSTAINABILITY PLANS AND PROJECTS" SOLICITATION**

The following Resolution is hereby offered and read:

WHEREAS, in 2014, the California Legislature adopted, and the Governor signed into law, three bills (SB 1168, AB 1739, and SB 1319) collectively referred to as the Sustainable Groundwater Management Act (SGMA) (Water Code §§ 10720 *et seq.*), that became effective on January 1, 2015, and that have been and may continue to be amended from time to time; and

WHEREAS, SGMA requires the formation of Groundwater Sustainability Agencies (GSAs) for the purpose of achieving groundwater sustainability through the adoption and implementation of Groundwater Sustainability Plans (GSPs) for all medium and high priority basins as designated by the California Department of Water Resources (DWR); and

WHEREAS, both SGMA (Chapter 6, Water Code §§ 10727 *et seq.*) and the regulations adopted by DWR pursuant thereto (California Code of Regulations, Title 23 §§ 350 *et seq.*) set forth detailed requirements related to the necessary elements of a GSP; and

WHEREAS, also in 2014, California voters approved Proposition 1 (AB 1471) which enacted the Water Quality, Supply, and Infrastructure Improvement Act of 2014 (Water Code §§ 79700 *et seq.*) (Act) that authorizes the issuance of bonds to finance, among other things, a Sustainable Groundwater Planning Grant Program; and

WHEREAS, DWR opened the Sustainable Groundwater Planning Grant Program's expedited "Groundwater-Sustainability-Plans-and-Projects" solicitation, available to GSAs for high and medium priority basins to support activities associated with the planning, development, or preparation of GSPs in compliance with the applicable regulatory requirements; and

WHEREAS, DWR designated the Cuyama Valley Groundwater Basin as a medium priority basin, subject to a condition of critical overdraft; and

Whereas, the Cuyama Basin Groundwater Sustainability Agency ("Agency") is a joint powers agency formed in June 2017, pursuant to Government Code §§ 6500 *et seq.* and Water Code §§ 10720 *et seq.*, by the Counties of Kern, San Luis Obispo, and Ventura, the Cuyama Basin Water District, the Cuyama Community Services District, and the Santa Barbara County Water Agency;

WHEREAS, the Board Chairperson, or designee, is especially suited to ensure that grant application materials and related GSP development efforts are prepared in a complete, efficient, and adequate manner; and

Resolution by the Cuyama Basin
Groundwater Sustainability Agency
Page 2 of 2

WHEREAS, the Board Chairperson, or designee, has the ability to ensure that grant-funded studies and efforts are carried out in full compliance with the applicable permits and the grant agreement.

NOW, THEREFORE BE IT RESOLVED BY THE AGENCY THAT:

1. The Cuyama Basin Groundwater Sustainability Agency make application to the California Department of Water Resources to obtain a Groundwater Sustainability Plans and Projects Grant (Grant) under the 2017 Sustainable Groundwater Planning Grant Program pursuant to the Water Quality, Supply, and Infrastructure Improvement Act of 2014 (Water Code §§ 79700 *et seq.*), and enter into an agreement (Grant Agreement) to receive a Grant for the Cuyama Basin Groundwater Sustainability Plan and Supporting Projects.
2. The Board Chairperson, or designee, of the Cuyama Basin GSA is hereby authorized and directed to prepare the necessary data, conduct investigations and file such application required for Grant funding, and execute the Grant Agreement and any amendments thereto (approved as to form by the legal counsel to the Cuyama Basin Groundwater Sustainability Agency) with the California Department of Water Resources.

Passed and adopted this 4th day of October by the following vote:

Yes: 9
No: 0
Abstain: 0
Absent: 2

CUYAMA BASIN GROUNDWATER
SUSTAINABILITY AGENCY



Chairperson, Board of Directors

EXHIBIT F

REPORT FORMATS AND REQUIREMENTS

The following reporting formats should be utilized. Please obtain State approval prior to submitting a report in an alternative format.

PROGRESS REPORTS

Progress reports shall generally use the following format. This format may be modified as necessary to effectively communicate information. For the Project, or each component, discuss the following at the task level, as organized in Exhibit A:

- Percent complete estimate.
- Discussion of work accomplished during the reporting period.
- Milestones or deliverables completed/submitted during the reporting period.
- Meetings held or attended.
- Scheduling concerns and issues encountered that may delay completion of the task.

For each project, discuss the following at the project level, as organized in Exhibit A:

- Work anticipated for the next reporting period.
- Photo documentation, as appropriate.
- Any schedule or budget modifications approved by DWR during the reporting period.

COMPLETION REPORT

The Completion Report shall generally use the following format provided below for each Component or Project after completion.

Executive Summary

The Executive Summary should include a brief summary of project information and include the following items:

- Brief description of work proposed to be done in the original Grant application.
- Description of actual work completed and any deviations from Exhibit A. List any official amendments to this Grant Agreement, with a short description of the amendment.

Reports and/or Products

The following items should be provided, unless already submitted as a deliverable:

- A copy of the Groundwater Sustainability Plan (GSP) that meets all the requirements of the GSP Regulations (for GSP Development Projects), or verification (e.g., acceptance email, or other approved documentation from SGMA), that the GSP was submitted to DWR as required.
- A copy of any final technical report or study, produced for or utilized in this Project as described in the Work Plan
- Electronic copies of any data collected, not previously submitted
- Discussion of problems that occurred during the work and how those problems were resolved
- Final Component schedule showing actual progress versus planned progress

Additional information that may be applicable for Implementation Projects and/or Components includes the following:

- As-built drawings
- Final geodetic survey information
- Project or Component photos

Cost & Disposition of Funds

A list showing:

- Summary of Project costs including the following items:
 - Accounting of the cost of project expenditure
 - Include all internal and external costs not previously disclosed (i.e., additional cost share); and
 - A discussion of factors that positively or negatively affected the project cost and any deviation from the original Project cost estimate.

Additional Information

- Benefits derived from the Component, with quantification of such benefits provided, applicable for Implementation Components.
- A final project schedule showing actual progress versus planned progress as shown in Exhibit C.
- Certification from a California Registered Professional (Civil Engineer or Geologist, as appropriate) that the project was conducted in accordance with the approved work plan and any approved modifications thereto.
- Submittal schedule for the Post Performance Report.

GRANT COMPLETION REPORT

The Grant Completion Report shall generally use the following format. This format may be modified as necessary to effectively communicate information on the various projects in the SGWP Grant Program funded by this Grant Agreement, and includes the following:

Executive Summary

The Executive Summary consists of a maximum of ten (10) pages summarizing information for the grant as well as the individual components.

Reports and/or products

- Brief comparison of work proposed in the original 2017 SGWP Grant application and actual work done.
- Brief description of the Project or components completed and how they achieve either or both of the following:
 - Serve SDAC(s) and support groundwater sustainability planning and management in the basin (Implementation Projects); and/or
 - Support planning, development, and/or preparation of GSP(s) that will comply with and meet the requirements of the GSP Regulations (GSP Development Projects).
- Identify remaining work and mechanism for their implementation (Implementation Projects).
- If applicable (e.g., if a DAC, EDA, or SDAC Cost Share Waiver was approved), a discussion of the benefits to DAC, EDA, and/or SDAC as part of this Grant Agreement.

Cost & Disposition of Funds Information

- A summary of final funds disbursement for the Project, or each component.

Additional Information

- Summary of the submittal schedule for the Post Performance Reports applicable for the Project, or each of the components in this Grant Agreement.

POST-PERFORMANCE REPORT

The Post-Performance Report should be concise, and focus on how (each/the) project or component is actually performing compared to its expected performance; whether the project or component is being operated and maintained, and providing intended benefits as proposed (for Implementation Project or components). The Post-Performance Report should follow the same general format and provide requested information as required to be included in the Project Monitoring Plan (Exhibit K). As applicable, the following information, at a minimum, shall be provided:

Reports and/or products

- Time period of the annual report (e.g., January 2018 through December 2018)
- Short project description
- Discussion of the project benefits
- An assessment of any explanations for any differences between the expected versus actual project benefits as stated in the original 2017 SGWP Grant application. Where applicable, the reporting should include quantitative metrics (i.e., new acre-feet of water produced that year, etc.).
- Summary of any additional costs and/or benefits deriving from the project since its completion, if applicable.
- Continued reporting on meeting the Output Indicators and Targets discussed in the Project and/or Component Monitoring Plan discussed in Paragraph 18 of this Grant Agreement.
- Any additional information relevant to or generated by the continued operation of the project.

EXHIBIT G

REQUIREMENTS FOR DATA SUBMITTAL

Surface and Groundwater Quality Data:

Groundwater quality and ambient surface water quality monitoring data that include chemical, physical, or biological data shall be submitted to the State as described below, with a narrative description of data submittal activities included in project reports, as described in Exhibit F.

Surface water quality monitoring data shall be prepared for submission to the California Environmental Data Exchange Network (CEDEN). The CEDEN data templates are available on the CEDEN website. Inclusion of additional data elements described on the data templates is desirable. Data ready for submission should be uploaded to your CEDEN Regional Data Center via the CEDEN website. (CEDEN website: <http://www.ceden.org>).

If a project's Work Plan contains a groundwater ambient monitoring element, groundwater quality monitoring data shall be submitted to the State for inclusion in the State Water Resources Control Board's Groundwater Ambient Monitoring and Assessment (GAMA) Program Information on the GAMA Program can be obtained at: http://www.waterboards.ca.gov/water_issues/programs/gama/. If further information is required, the Grantee can contact the State Water Resources Control Board (SWRCB) GAMA Program. A listing of SWRCB staff involved in the GAMA program can be found at: http://www.swrcb.ca.gov/water_issues/programs/gama/contact.shtml

Groundwater Level Data

The Grantee shall submit to DWR groundwater level data collected as part of this grant. Water level data must be submitted using the California Statewide Groundwater Elevation Monitoring (CASGEM) online data submission system. The Grantee should use their official CASGEM Monitoring Entity or Cooperating Agency status to gain access to the online submittal tool and submit data. If the data is from wells that are not part of the monitoring network, the water level measurements should be classified as voluntary measurements in the CASGEM system. If the Grantee is not a Monitoring Entity or Cooperating Agency, please contact your DWR grant project manager for further assistance with data submittal. The activity of data submittal should be documented in appropriate progress or final project reports, as described in Exhibit F. Information regarding the CASGEM program can be found at: <http://www.water.ca.gov/Programs/Groundwater-Management/Groundwater-Elevation-Monitoring--CASGEM>

EXHIBIT H

STATE AUDIT DOCUMENT REQUIREMENTS AND COST SHARE GUIDELINES FOR GRANTEES

The following provides a list of documents typically required by State Auditors and general guidelines for Grantees. List of documents pertains to both State funding and the Grantee's Cost Share and details the documents/records that State Auditors would need to review in the event of this Grant Agreement is audited. Grantees should ensure that such records are maintained for each funded project.

State Audit Document Requirements

Internal Controls

1. Organization chart (e.g., Agency's overall organization chart and organization chart for the State funded Program/Project).
2. Written internal procedures and flowcharts for the following:
 - a) Receipts and deposits
 - b) Disbursements
 - c) State reimbursement requests
 - d) Expenditure tracking of State funds
 - e) Guidelines, policy, and procedures on State funded Program/Project
3. Audit reports of the Agency internal control structure and/or financial statements within the last two years.
4. Prior audit reports on the State funded Program/Project.

State Funding:

1. Original Grant Agreement, any amendment(s) and budget modification documents.
2. A listing of all bond-funded grants, loans, or subventions received from the State.
3. A listing of all other funding sources for each Program/Project.

Contracts:

1. All subcontractor and consultant contracts and related or partners documents, if applicable.
2. Contracts between the Agency and member agencies as related to the State funded Program/Project.

Invoices:

1. Invoices from vendors and subcontractors for expenditures submitted to the State for payments under the Grant Agreement.
2. Documentation linking subcontractor invoices to State reimbursement, requests and related Grant Agreement budget line items.
3. Reimbursement requests submitted to the State for the Grant Agreement.

Cash Documents:

1. Receipts (copies of warrants) showing payments received from the State.
2. Deposit slips (or bank statements) showing deposit of the payments received from the State.
3. Cancelled checks or disbursement documents showing payments made to vendors, subcontractors, consultants, and/or agents under the grants or loans.
4. Bank statements showing the deposit of the receipts.

Accounting Records:

1. Ledgers showing entries for the Grantee's receipts and cash disbursements.
2. Ledgers showing receipts and cash disbursement entries of other funding sources.
3. Bridging documents that tie the general ledger to requests for Grant Agreement reimbursement.

Administration Costs:

1. Supporting documents showing the calculation of administration costs.

Personnel:

1. List of all contractors and Agency staff that worked on the State funded Program/Project.
2. Payroll records including timesheets for contractor staff and the Agency personnel who provided services charged to the program

Project Files:

1. All supporting documentation maintained in the project files.
2. All Grant Agreement related correspondence.

Cost Share Guidelines

Cost Share consists of non-State funds, including in-kind services. In-kind services are defined as work performed (i.e., dollar value of non-cash contributions) by the Grantee (and potentially other parties) directly related to the execution of the funded project. Examples include volunteer services, equipment use, and use of facilities. The cost of in-kind service can be counted as cost share in-lieu of actual funds (or revenue) provided by the Grantee. Other cost share and in-kind service eligibility conditions may apply. Provided below is guidance for documenting cost share with and without in-kind services.

1. Although tracked separately, in-kind services shall be documented and, to the extent feasible, supported by the same methods used by the Grantee for its own employees. Such documentation should include the following:
 - a. Detailed description of the contributed item(s) or service(s)
 - b. Purpose for which the contribution was made (tied to project work plan)
 - c. Name of contributing organization and date of contribution
 - d. Real or approximate value of contribution. Who valued the contribution and how was the value determined? (e.g., actual, appraisal, fair market value, etc.). Justification of rate. (See item #2, below)
 - e. Person's name and the function of the contributing person
 - f. Number of hours contributed
 - g. If multiple sources exist, these should be summarized on a table with summed charges
 - h. Source of contribution if it was provided by, obtained with, or supported by government funds
2. Rates for volunteer or in-kind services shall be consistent with those paid for similar work in the Grantee's organization. For example, volunteer service of clearing vegetation performed by an attorney shall be valued at a fair market value for this service, not the rate for professional legal services. In those instances in which the required skills are not found in the recipient organization, rates shall be consistent with those paid for similar work in the labor market. Paid fringe benefits that are reasonable, allowable and allocable may be included in the valuation.
3. Cost Share contribution (including in kind services) shall be for costs and services directly attributed to activities included in the Grant Agreement. These services, furnished by professional and technical

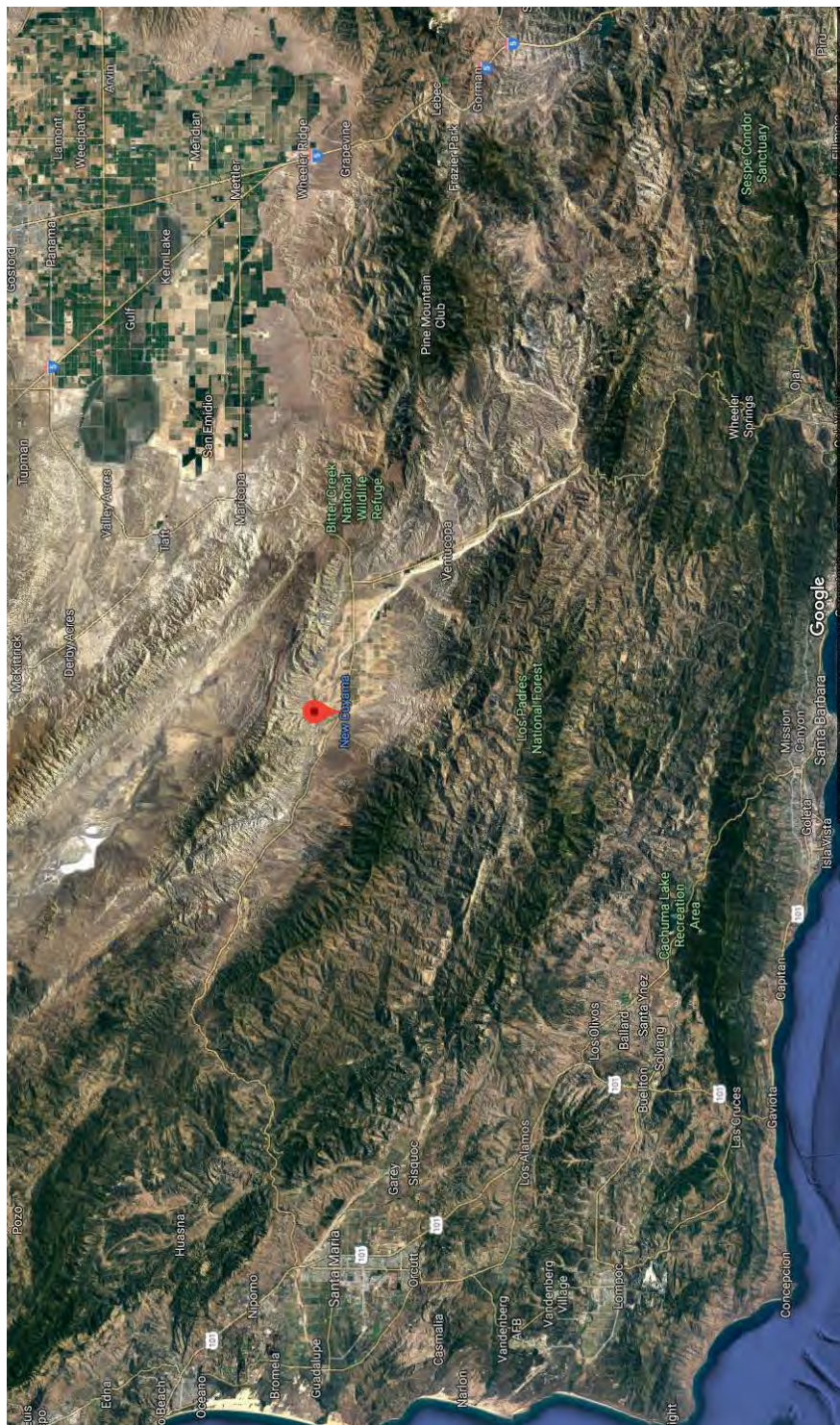
personnel, consultants, and other skilled and unskilled labor may be counted as in-kind if the activities are an integral and necessary part of the project funded by the Grant Agreement.

4. Cash contributions made to a project shall be documented as revenue and in-kind services as expenditure. These costs should be tracked separately in the Grantee's accounting system.

EXHIBIT I
LOCAL PROJECT SPONSORS

EXHIBIT J PROJECT LOCATION

Project and/or Component Location/Site/Vicinity Map – The following maps show the relative location of the Project area within Santa Barbara County and the Cuyama Valley Groundwater Basin boundary (per DWR Bulletin 118), which also represent the boundary of Cuyama Basin GSA and the project area.



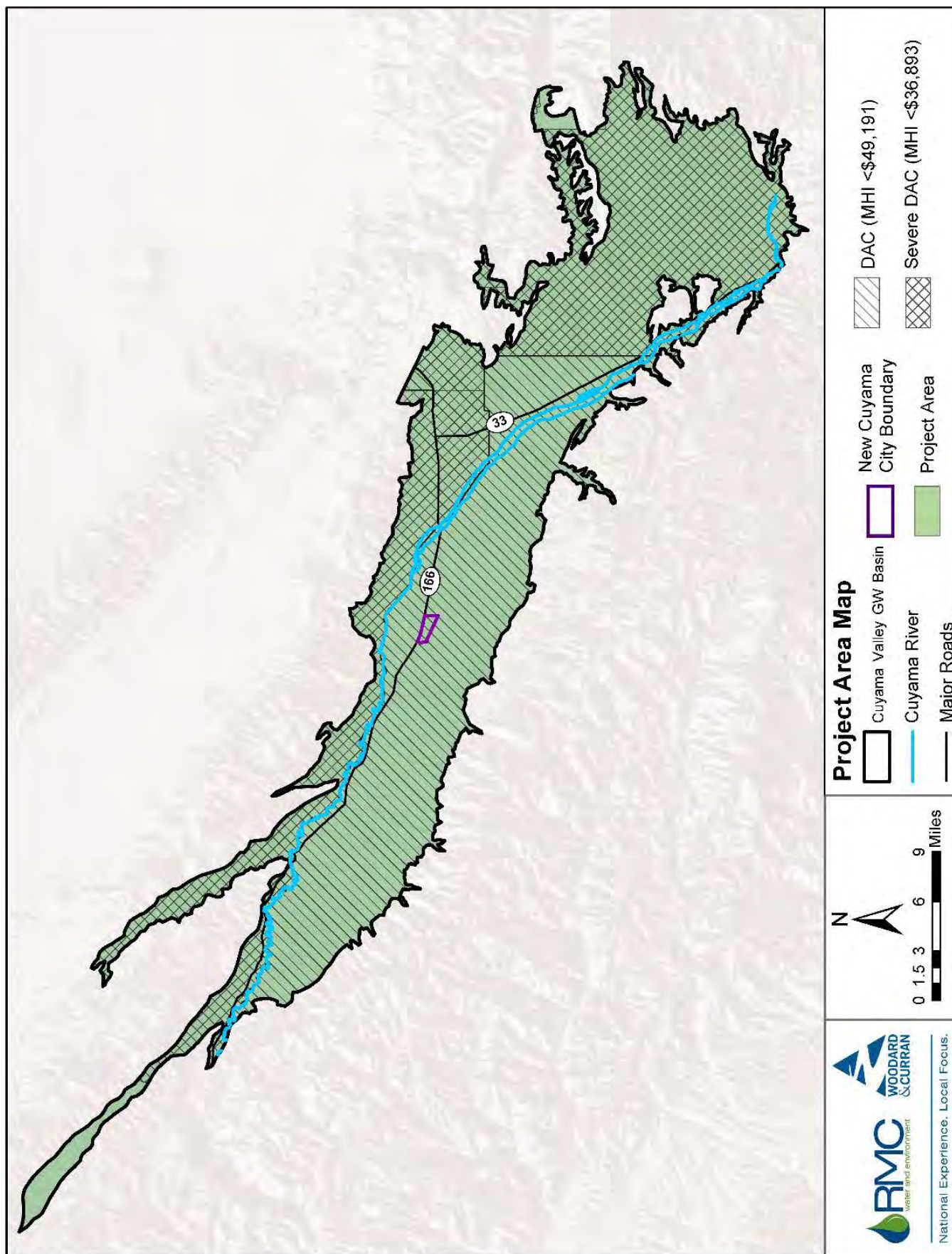


EXHIBIT K

MONITORING PLAN

Introduction

- Goals and objectives of project
- Site location and history
- Improvements implemented

Monitoring Plan

- Monitoring Metrics (e.g., Plant establishment, bank erosion, hydraulic characteristics, habitat expansion)
- Maintenance Metrics (e.g., irrigation, pest management, weed abatement, continuous invasive species removal until natives established)
- Special Environmental Considerations (e.g., resource agency requirements, permit requirements, CEQA/NEPA mitigation measures)
- Performance Measures, or success/failure criteria monitoring results measured against (e.g., percent canopy cover after 1, 5, 10 years, water temperature decrease, site specific sediment scour or retention)
- Method of Reporting (e.g., paper reports, online databases, public meetings)
- Frequency of Duration Monitoring and Reporting (daily, weekly, monthly, yearly)
- Frequency and Duration of Maintenance Activities
- Responsible Party (i.e., who is who is responsible for monitoring and maintenance)
- Implementing responsibility (i.e., conducting monitoring and/or maintenance)
- Adaptive Management Strategies (i.e., what happens when routine monitoring or maintenance encounters a problem)



TO: Special Joint Board of Directors and Standing Advisory Committee
Agenda Item No. 8

FROM: Brian Van Lienden, Woodard & Curran

DATE: December 18, 2018

SUBJECT: DWR Technical Support Services Monitoring Well Location Approval

Issue

Approval of DWR Technical Support Services revised monitoring well location.

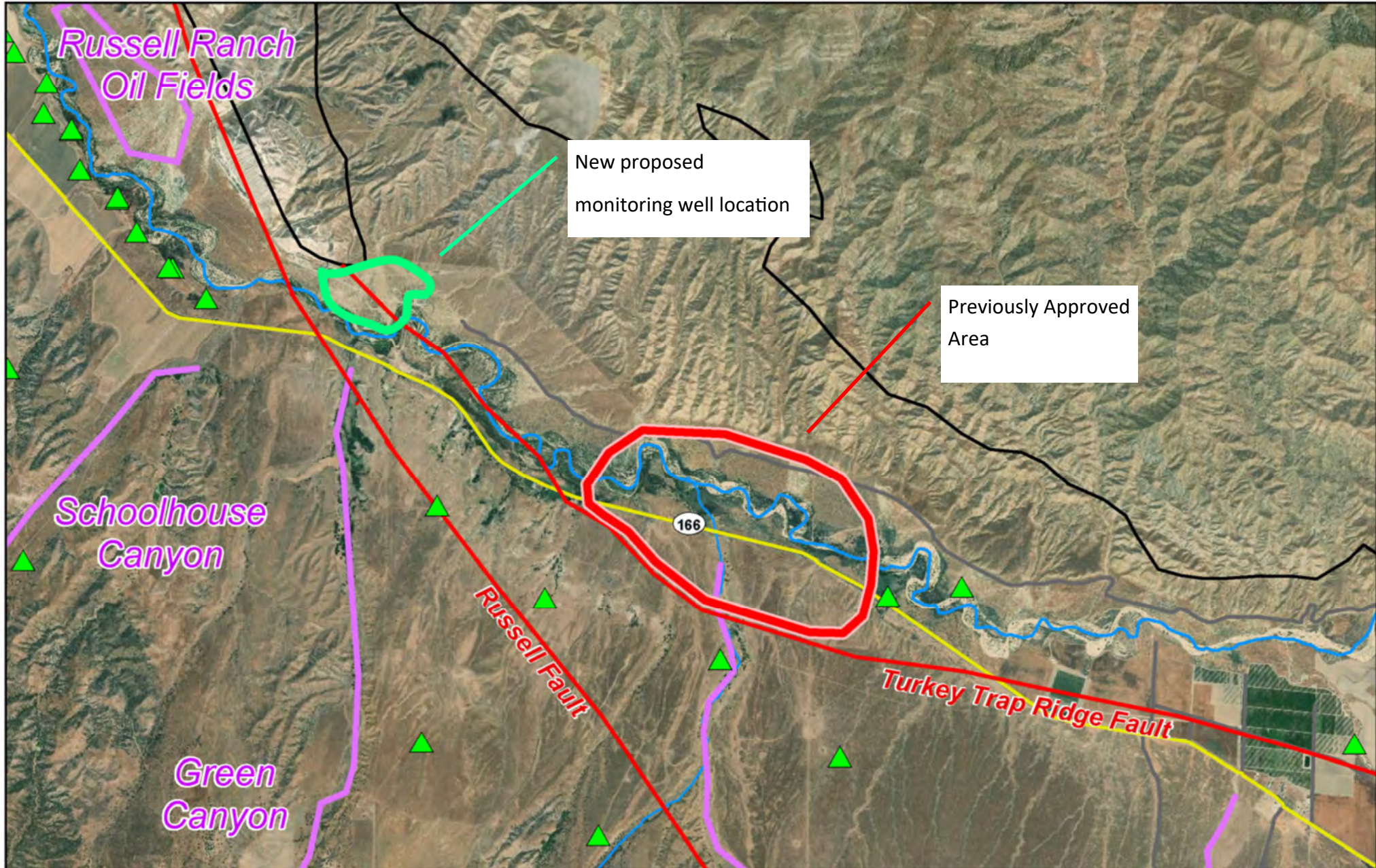
Recommended Motion

Approve the revised monitoring well location near the Russel Fault as outlined in Agenda Item No. 8.

Discussion

General monitoring well locations were approved by the Cuyama Basin Groundwater Sustainability Board of Directors at the November 7, 2018 meeting. Since that time, Woodard & Curran has identified a preferable area for a monitoring well near the Russel Fault. This area is identified in Attachment 1 for the Board's consideration of approval. The previously approved area is provided as Attachment 2 for reference.







TO: Special Joint Board of Directors and Standing Advisory Committee
Agenda Item No. 9

FROM: John Ayres, Woodard & Curran (W&C)

DATE: December 18, 2018

SUBJECT: Review Preliminary Threshold Number Rational for Approval

Issue

Approval of Preliminary Threshold Number Rational.

Recommended Motion

Approve Preliminary Threshold Number Rational.

Discussion

An update on the preliminary threshold number rational is provided as Attachment 1.

Cuyama Basin Groundwater Sustainability Agency

Review of Preliminary Thresholds

December 18, 2018



Board Direction on Minimum Thresholds

Approved Motion from December 3, 2018 Board Meeting

Direct Woodard & Curran to use Option D to develop preliminary threshold numbers.

Why Minimum Thresholds?

- Required by SGMA
- Establish Range of Operation in Groundwater Basin
- Protect other Groundwater Pumpers

- For Example:
 - Keep Groundwater Levels High Enough to:
 1. Ensure adjacent pumpers have access to groundwater
 2. Protect access to groundwater in Community Services District well

Principals for Today's Discussion

- Thresholds are required to complete and submit the GSP by January 2020
- Only establishing rationale for establishing initial thresholds
- Initial threshold numbers will be discussed in January
- Initial threshold numbers are only a starting point.
- Initial threshold numbers will likely be modified as we gain greater understanding of the Basin.

Where are Thresholds Applied?

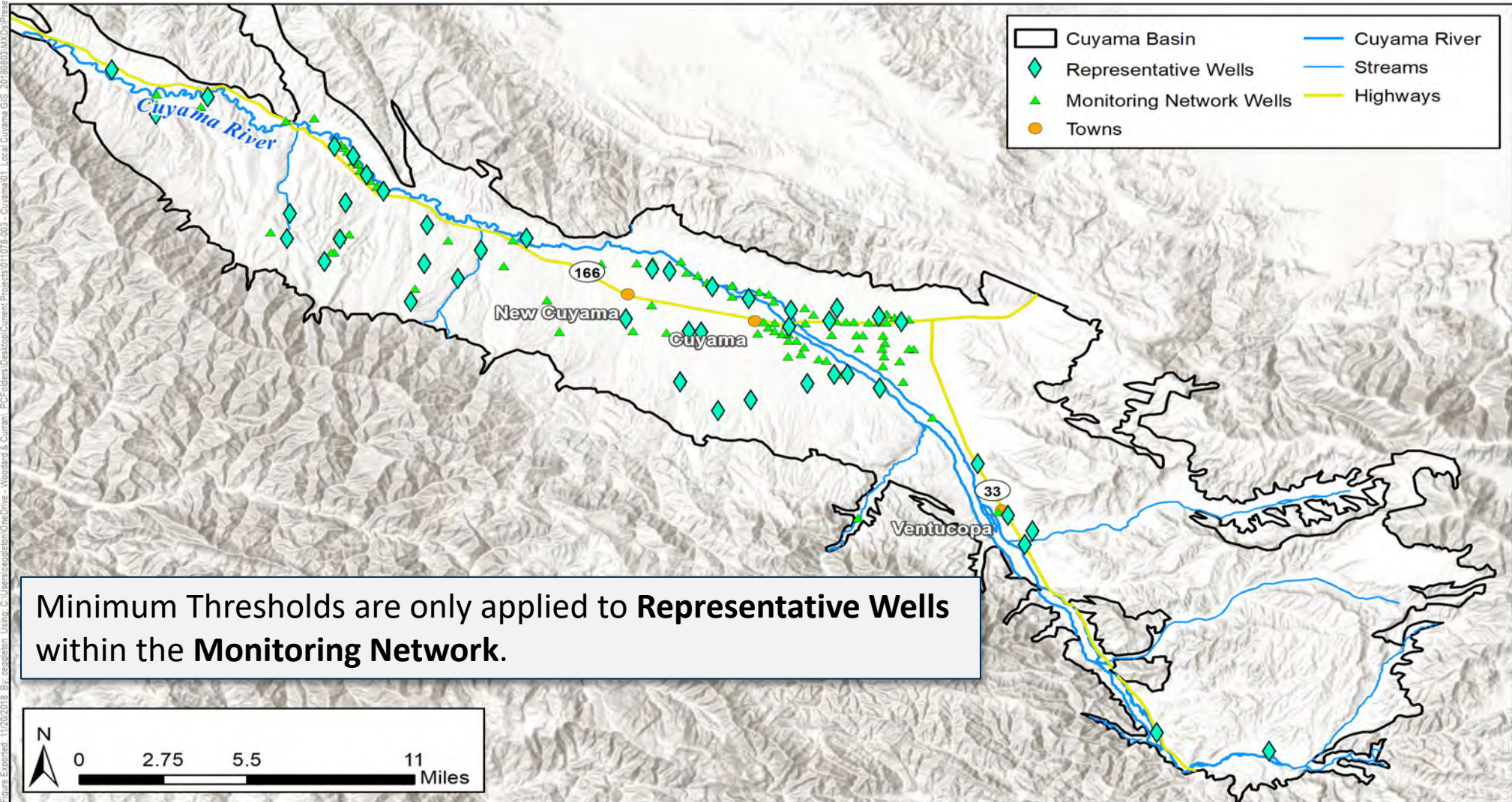
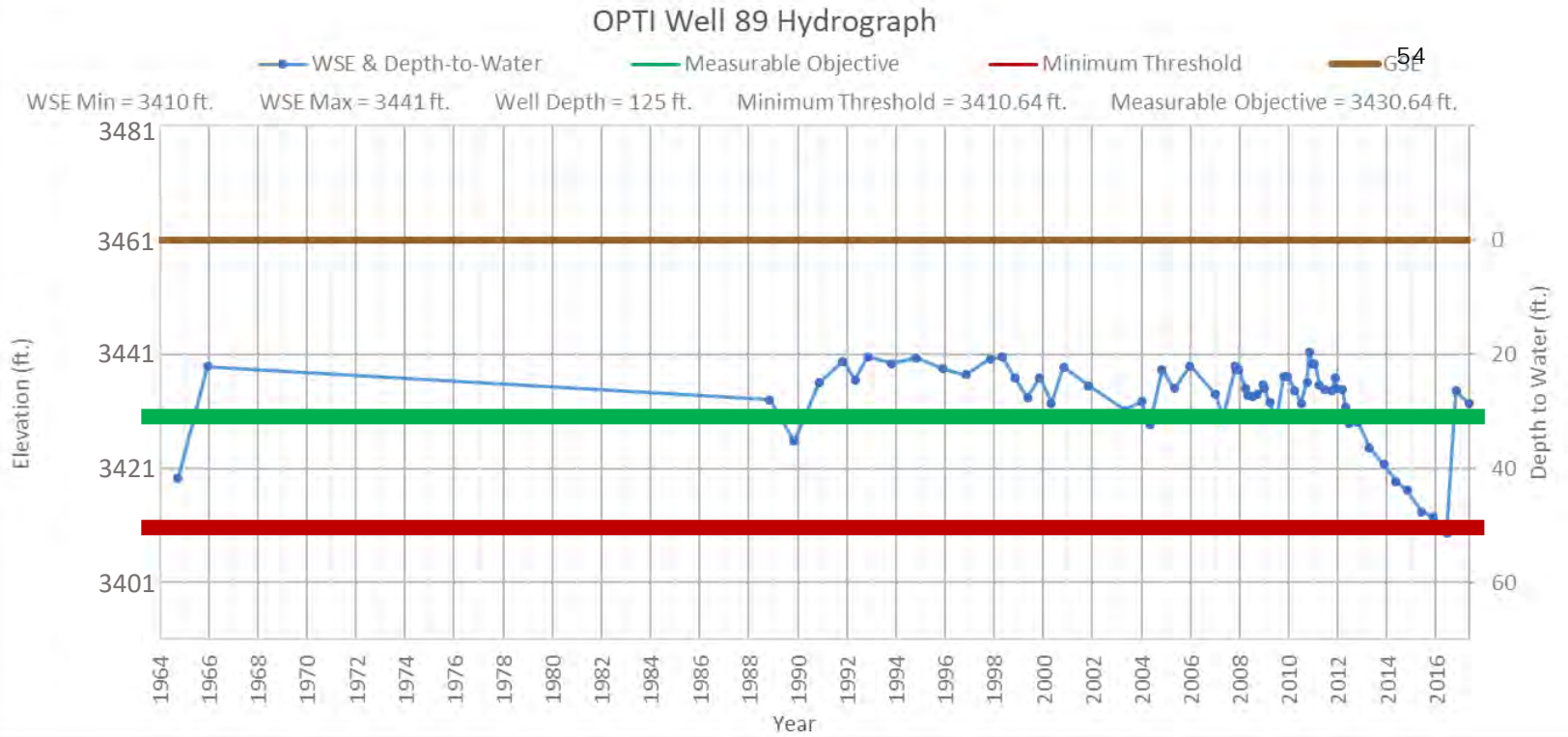


Figure Excerpted: 1/20/2018 By: cege@calson. Usipg: C:\Users\cege@calson\OneDrive - Woodward & Curran\PC\Folders\Desktop\Current Projects\011078-003 - Cuyama\01 - Cuyama\GIS - 2018\08\03\MXDs\Presentations\

From Last Meeting

Propose 20% of Range

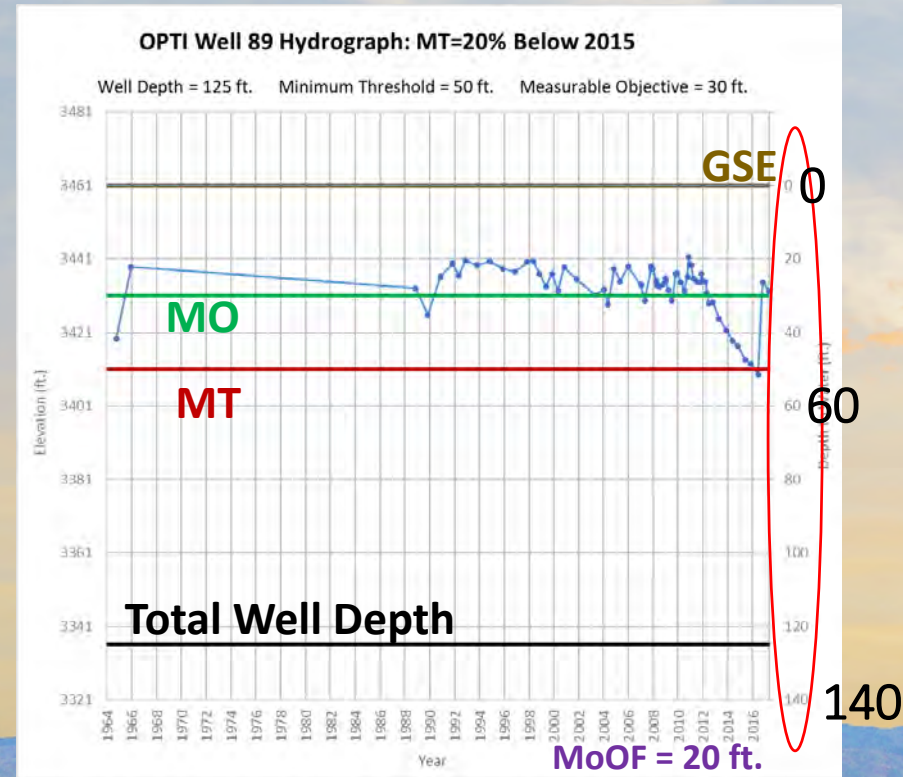
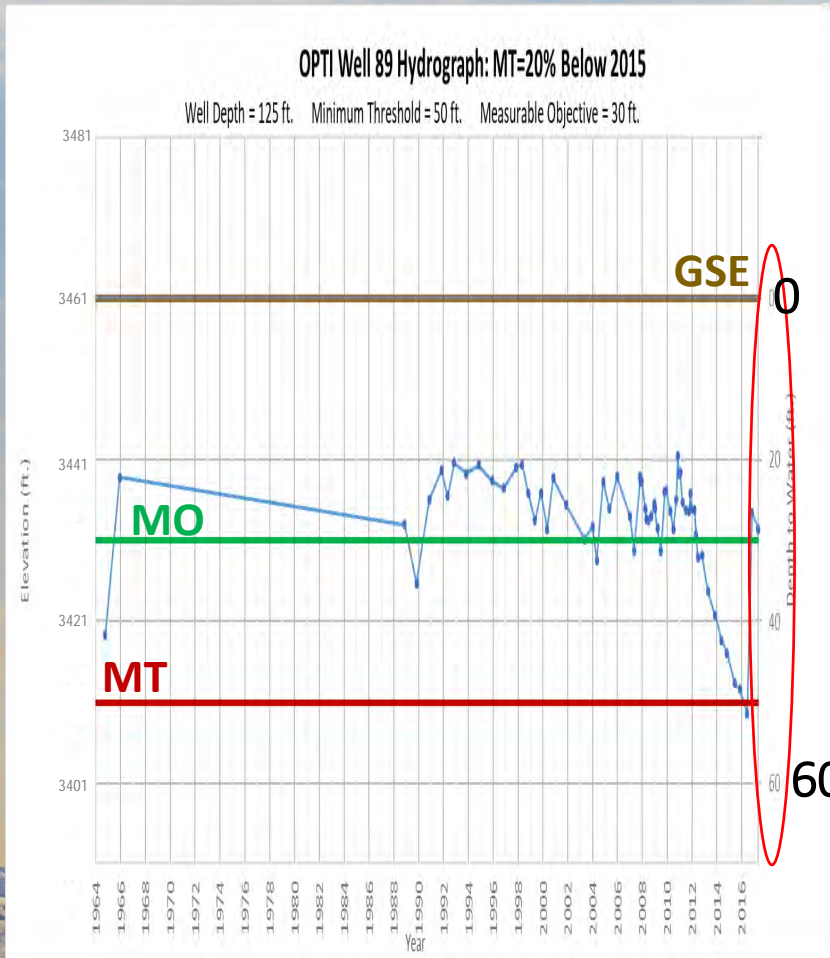


Measurable Objective – 5-years of Storage
Minimum Threshold – 20% of Range below 1/1/2015 Measurement

Hydrograph Types – Squished to fit 3 across a single slide

Same As Before, But Squished

Vertical Scale Reaches TD of Monitoring Well



Option D

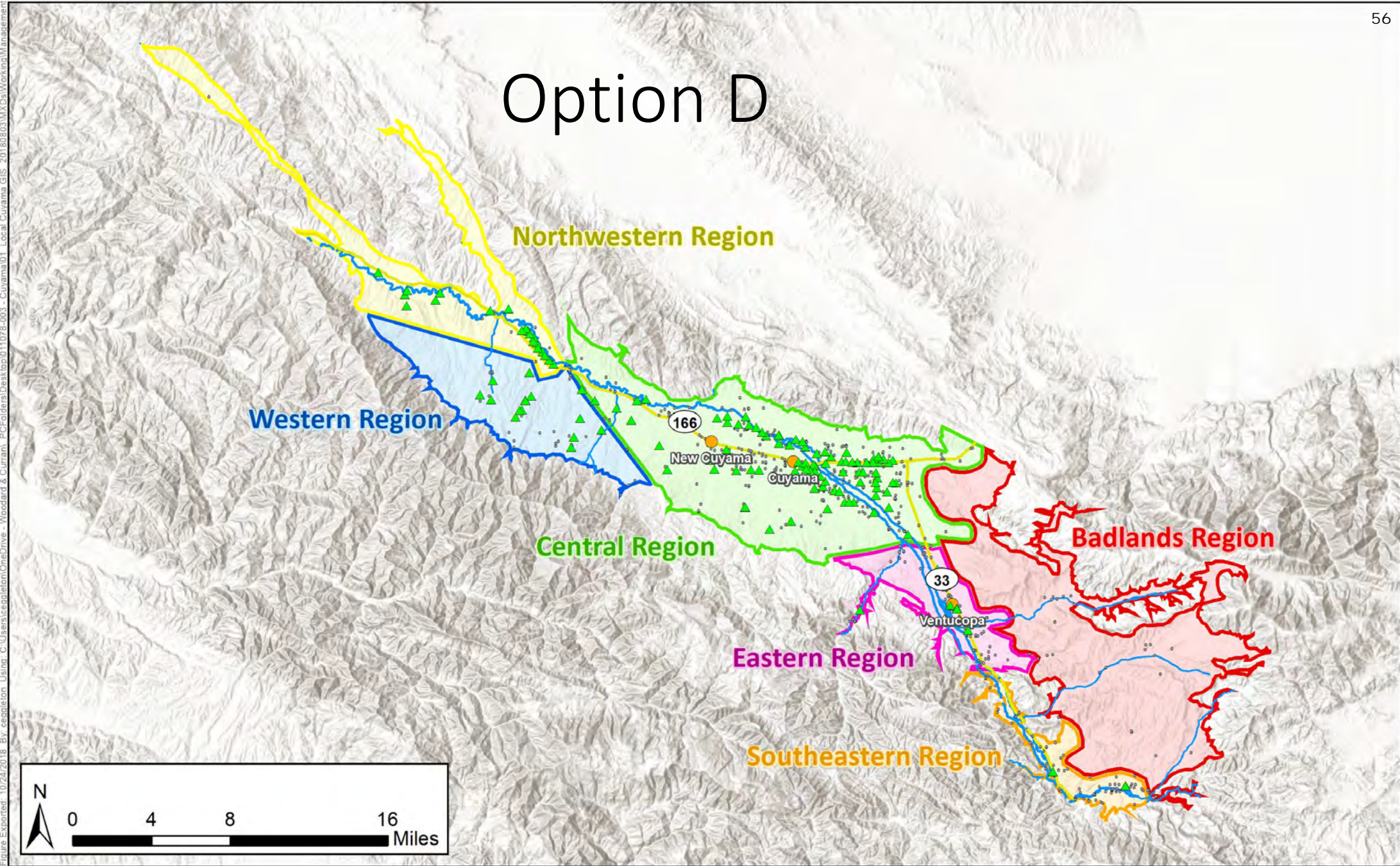
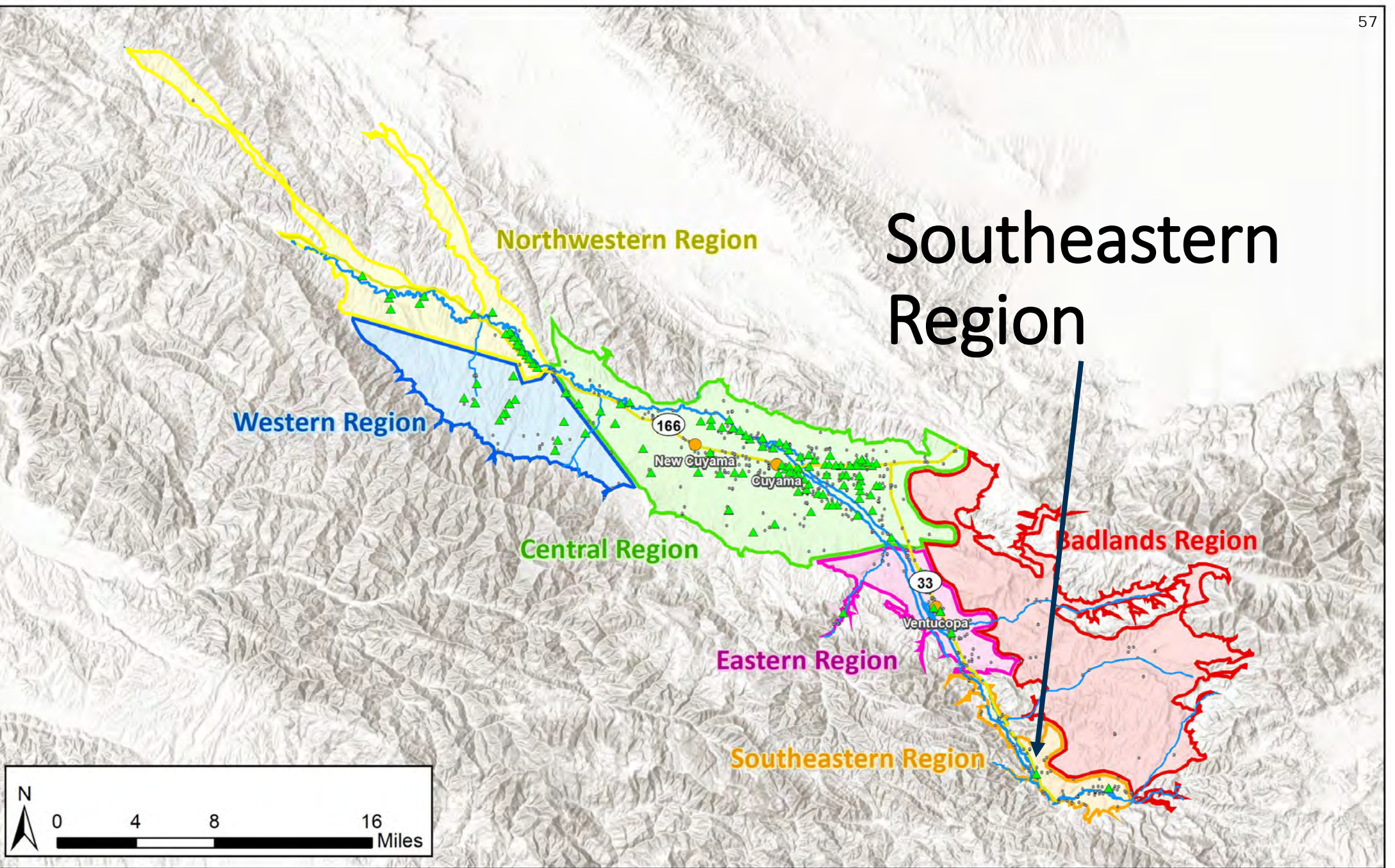


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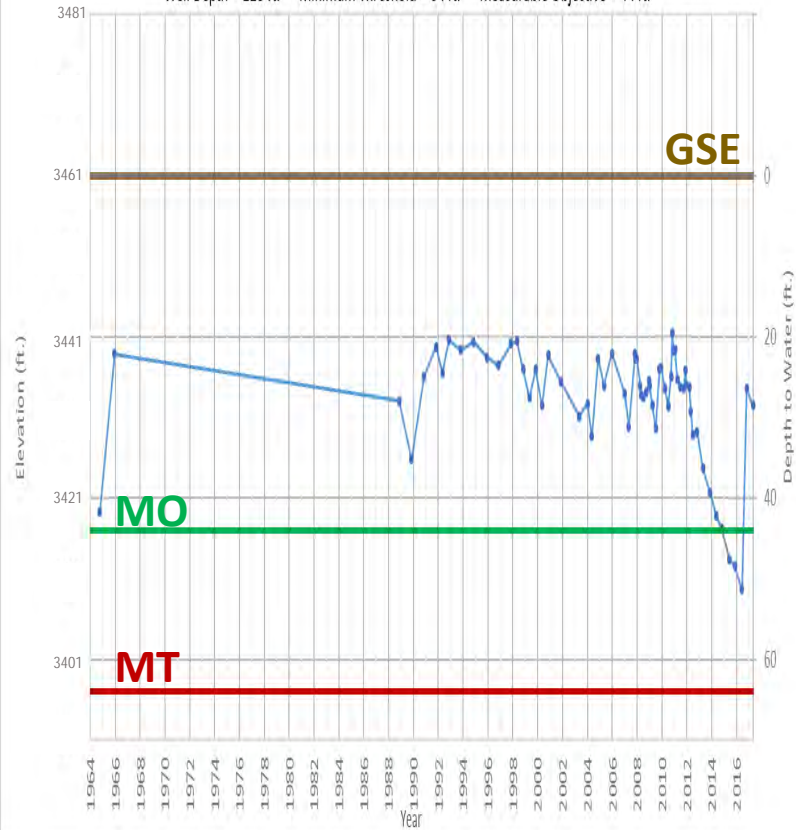


Southeastern Region

Opti Well 89

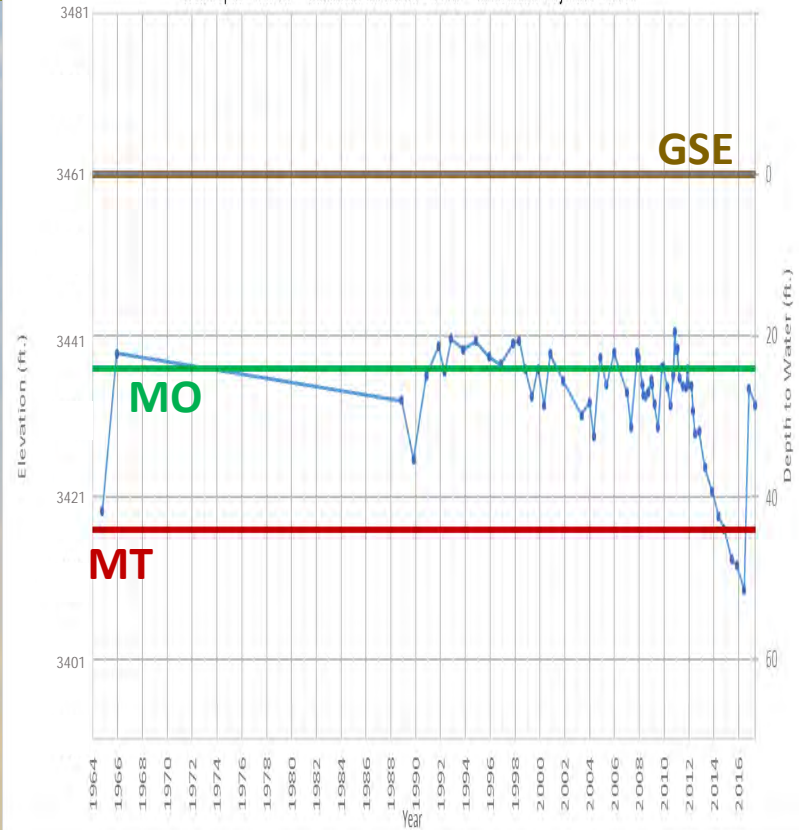
OPTI Well 89 Hydrograph: MO=2015

Well Depth = 125 ft. Minimum Threshold = 64 ft. Measurable Objective = 44 ft.



OPTI Well 89 Hydrograph: MT=2015

Well Depth = 125 ft. Minimum Threshold = 44 ft. Measurable Objective = 24 ft.



OPTI Well 89 Hydrograph: MT=20% Below 2015

Well Depth = 125 ft. Minimum Threshold = 50 ft. Measurable Objective = 30 ft.



Southeastern Region

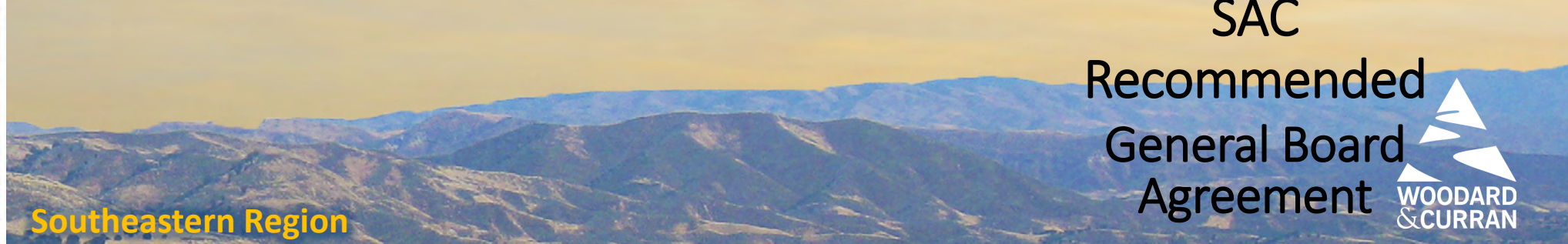
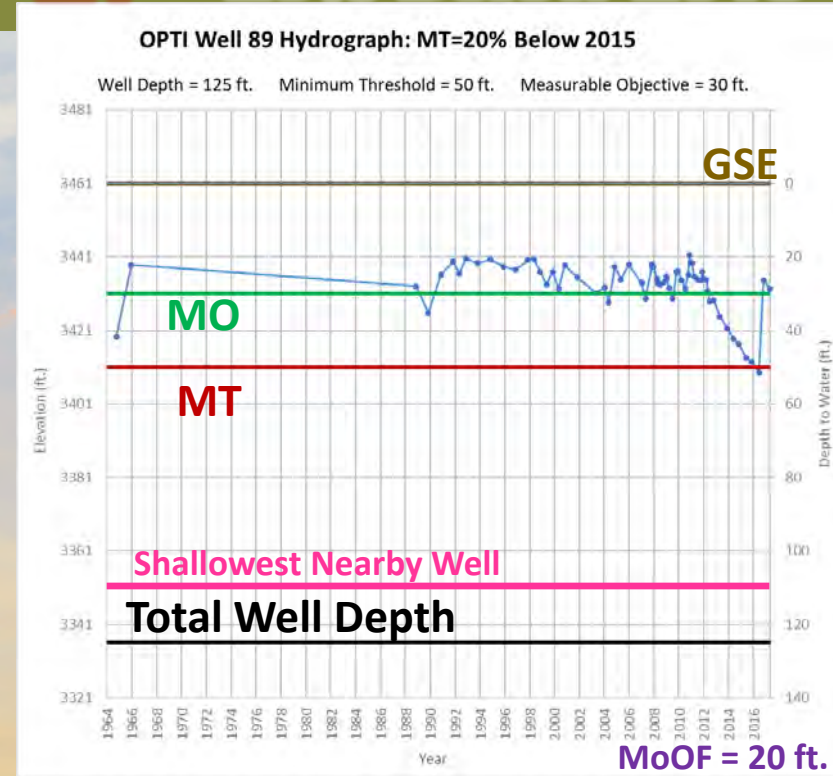
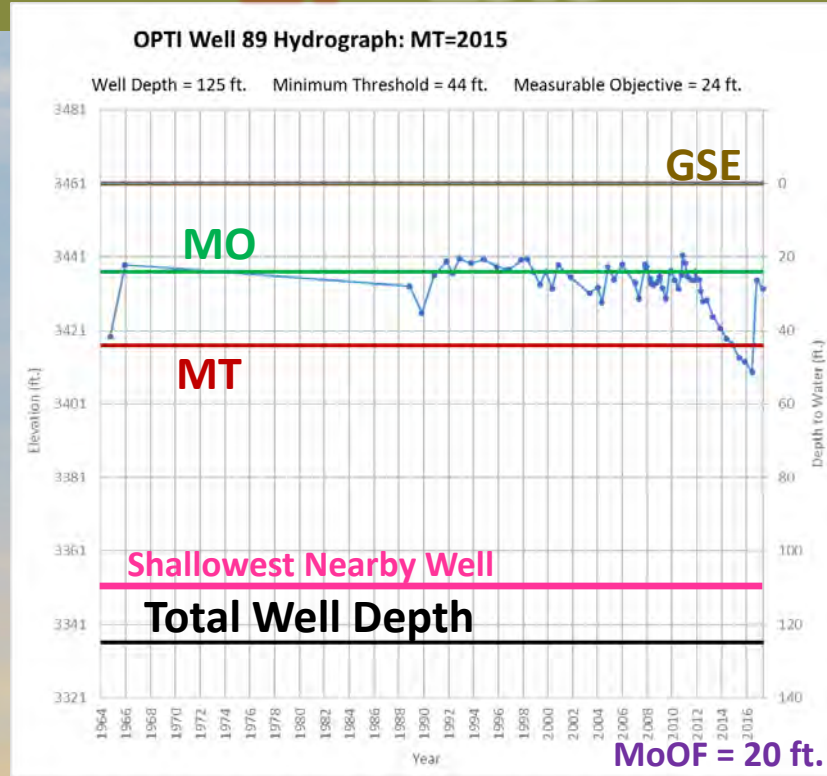
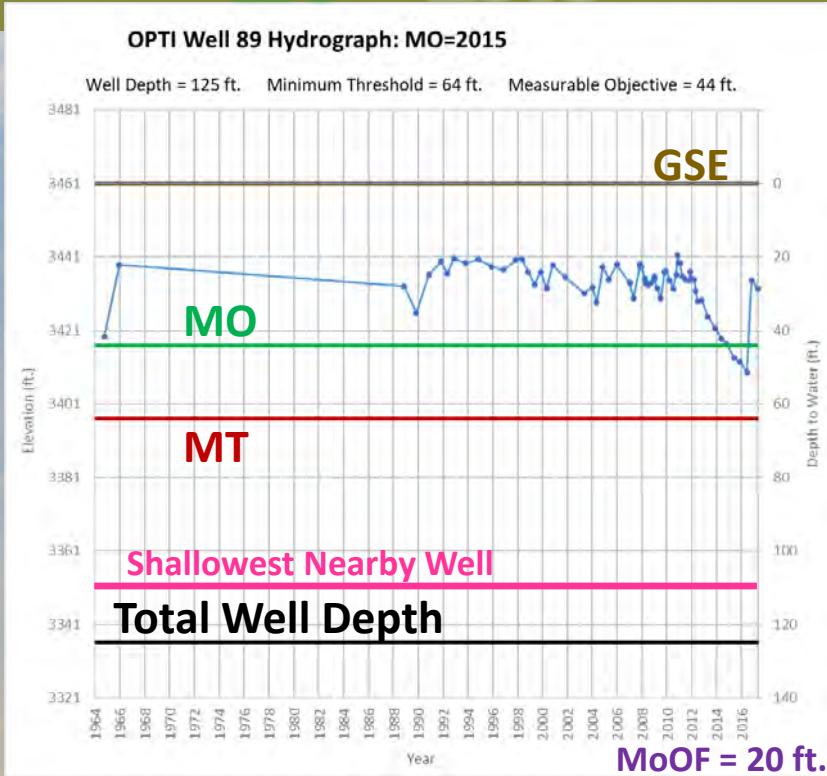
Opti Well 89

Initially
Recommended

MO = 2015

MT = 2015

MT = 20% Below 2015



SAC
Recommended
General Board
Agreement



Initially Recommended

OPTI Well 2

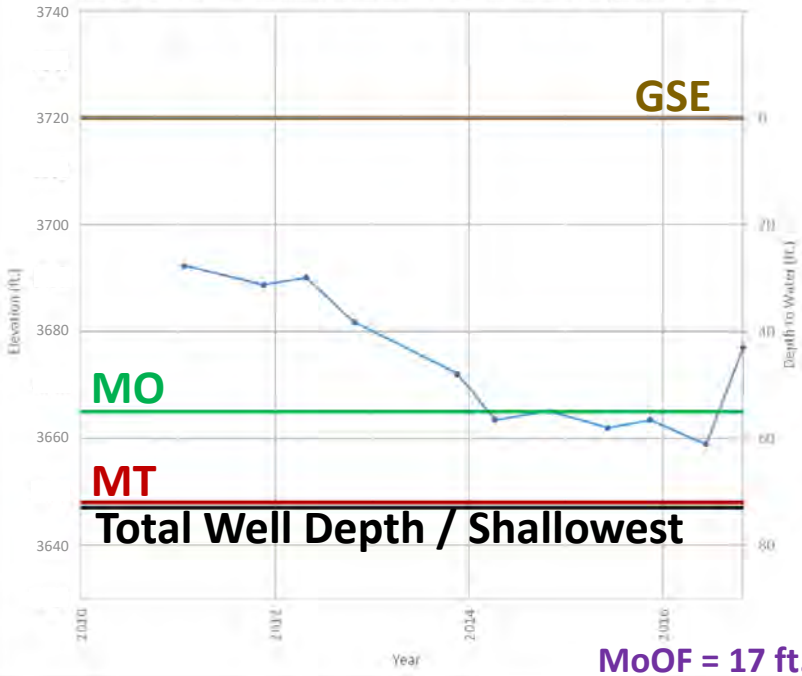
MO = 2015

MT = 2015

MT = 20% Below 2015

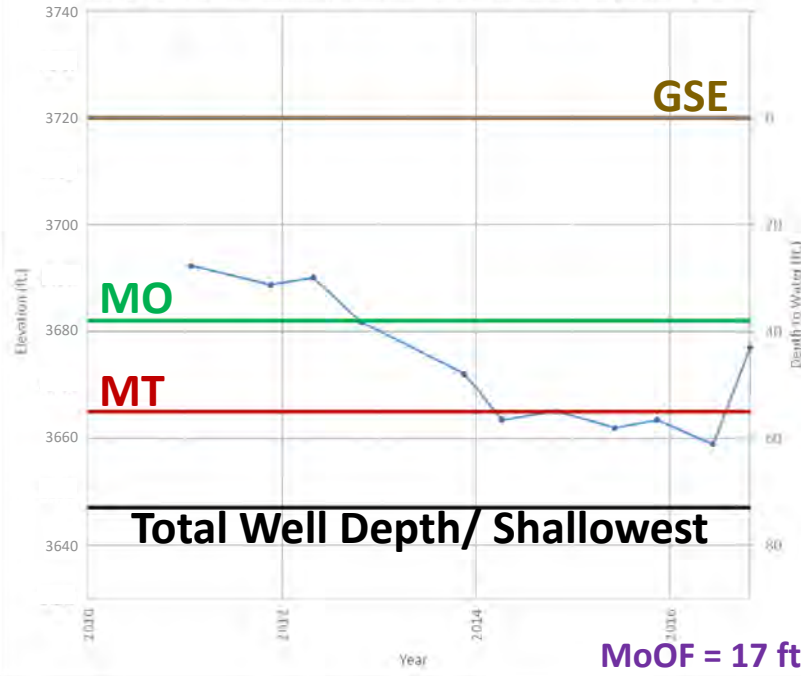
OPTI Well 2 Hydrograph: MO=2015

Well Depth = 73 ft. Minimum Threshold = 72 ft. Measurable Objective = 55 ft.



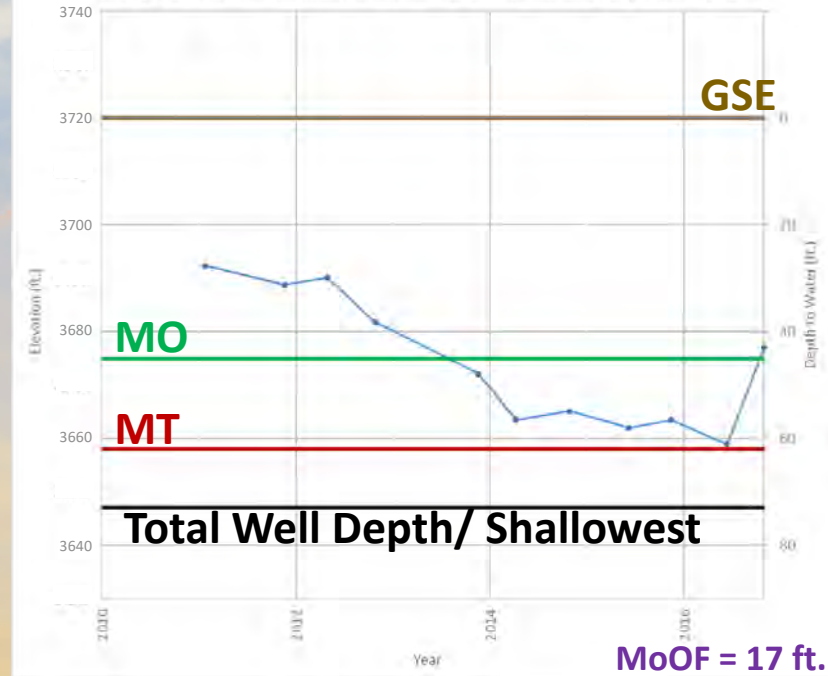
OPTI Well 2 Hydrograph: MT=2015

Well Depth = 73 ft. Minimum Threshold = 55 ft. Measurable Objective = 38 ft.



OPTI Well 2 Hydrograph: MT=20% Below 2015

Well Depth = 73 ft. Minimum Threshold = 62 ft. Measurable Objective = 45 ft.

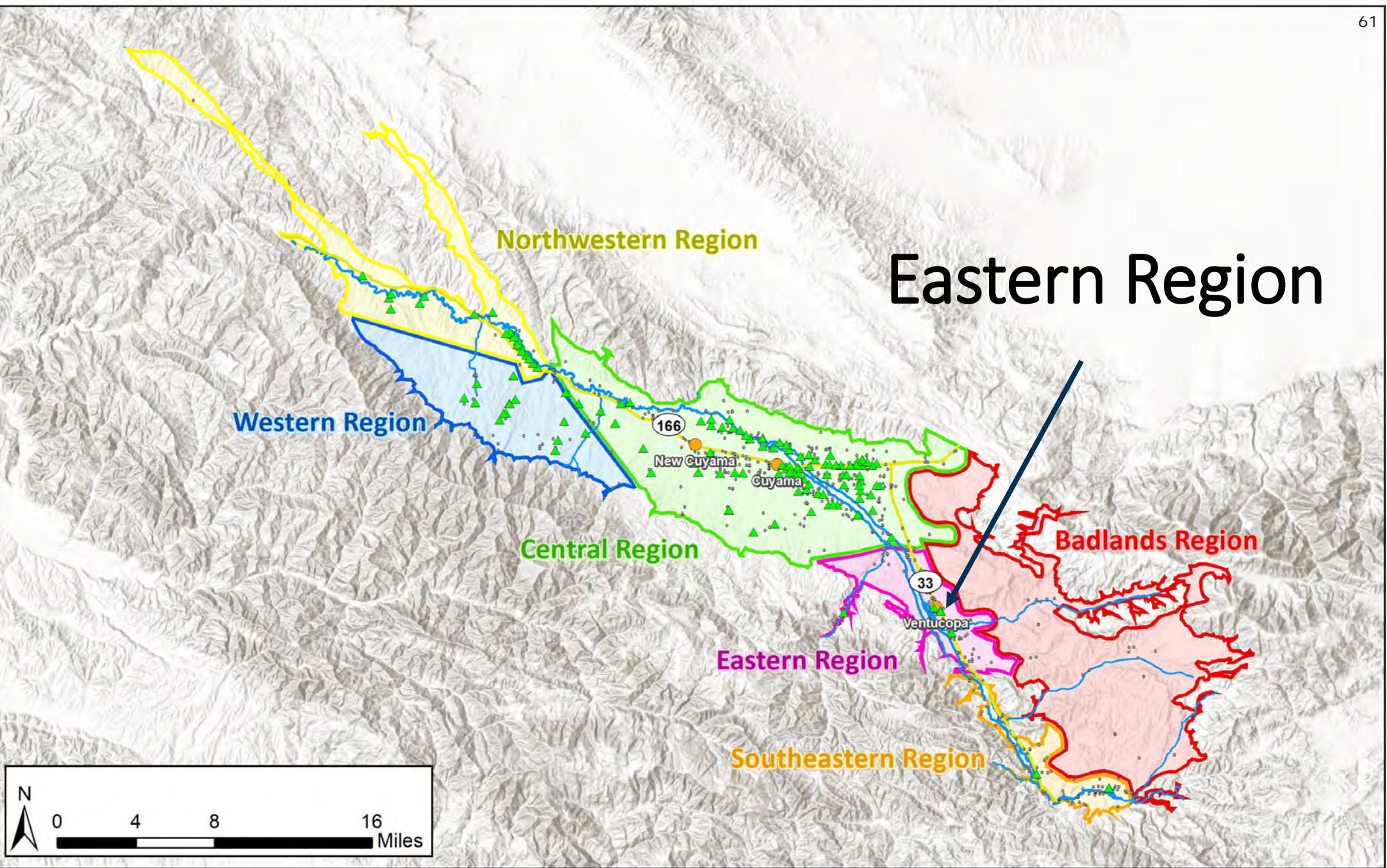


Southeastern Region

SAC
Recommended
General Board
Agreement



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Eastern Region

Initially

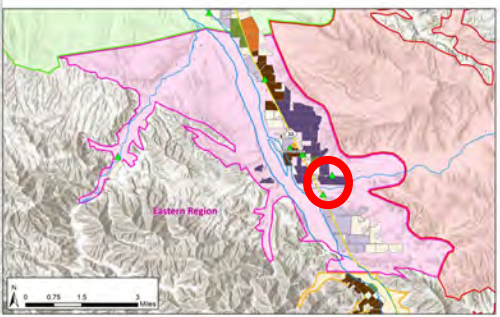
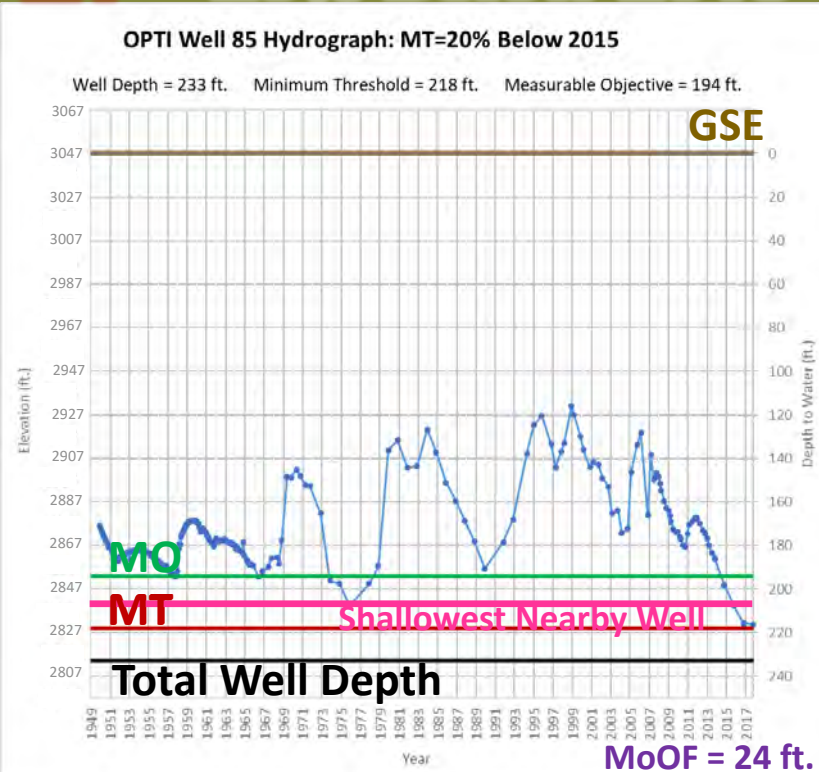
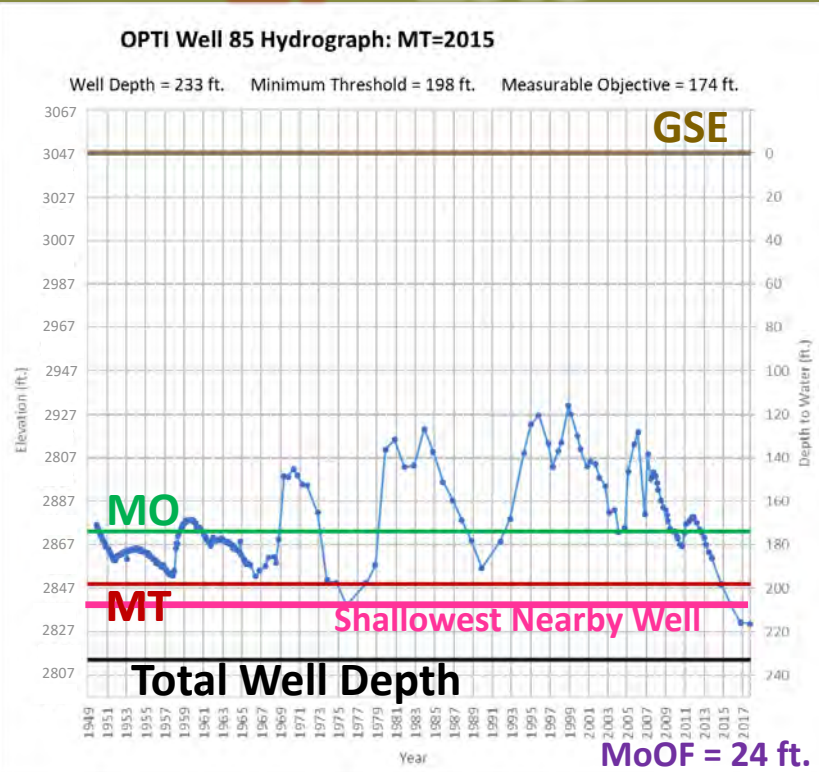
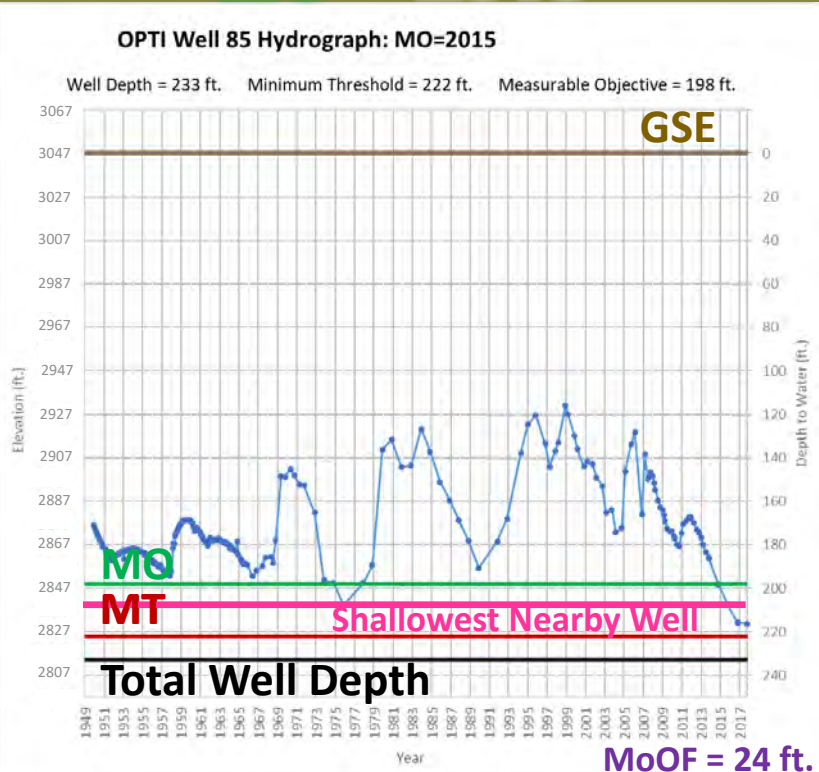
Recommended

OPTI Well 85

MO = 2015

MT = 2015

MT = 20% Below 2015



Eastern Region

SAC
Recommended



Initially

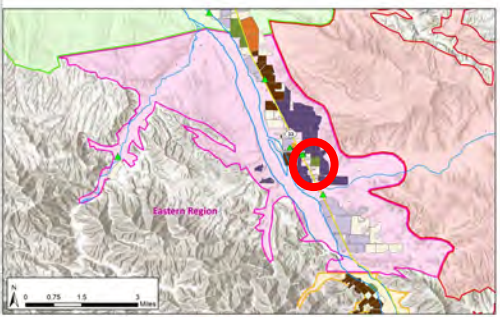
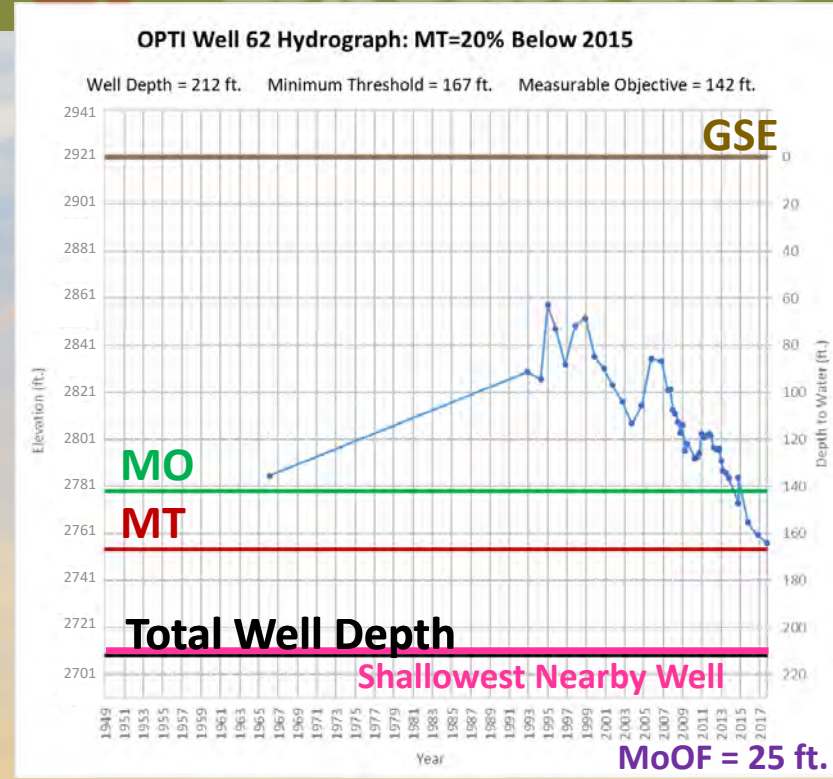
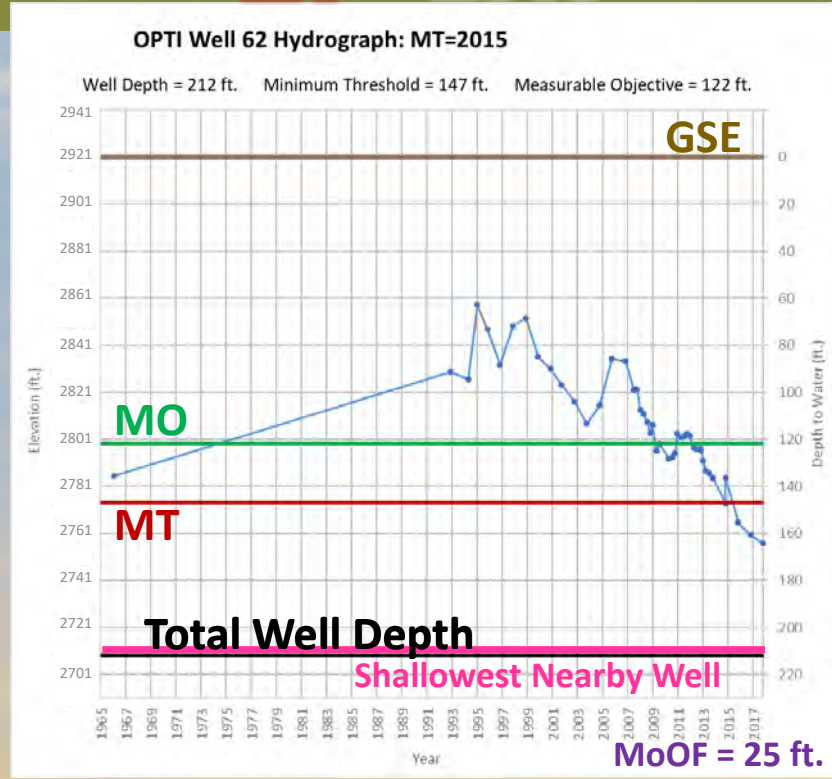
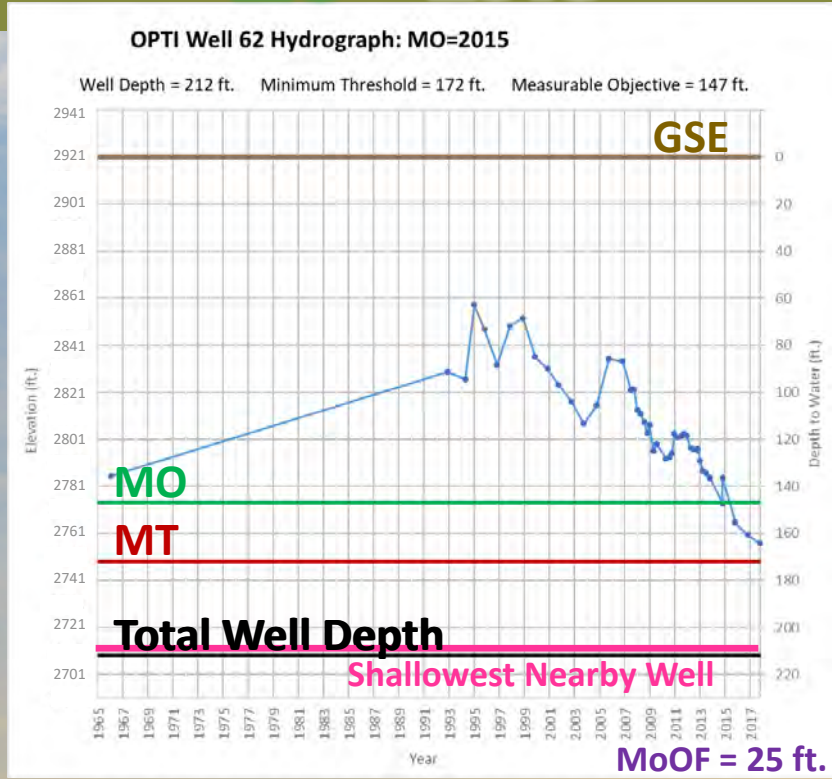
Recommended

OPTI Well 62

MO = 2015

MT = 2015

MT = 20% Below 2015



Eastern Region

SAC
Recommended



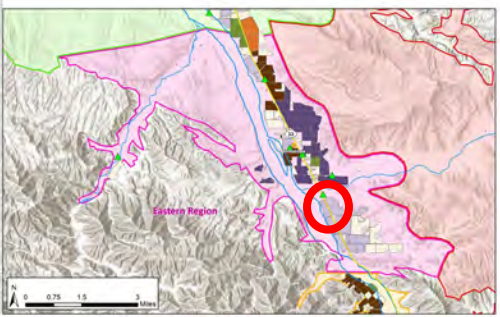
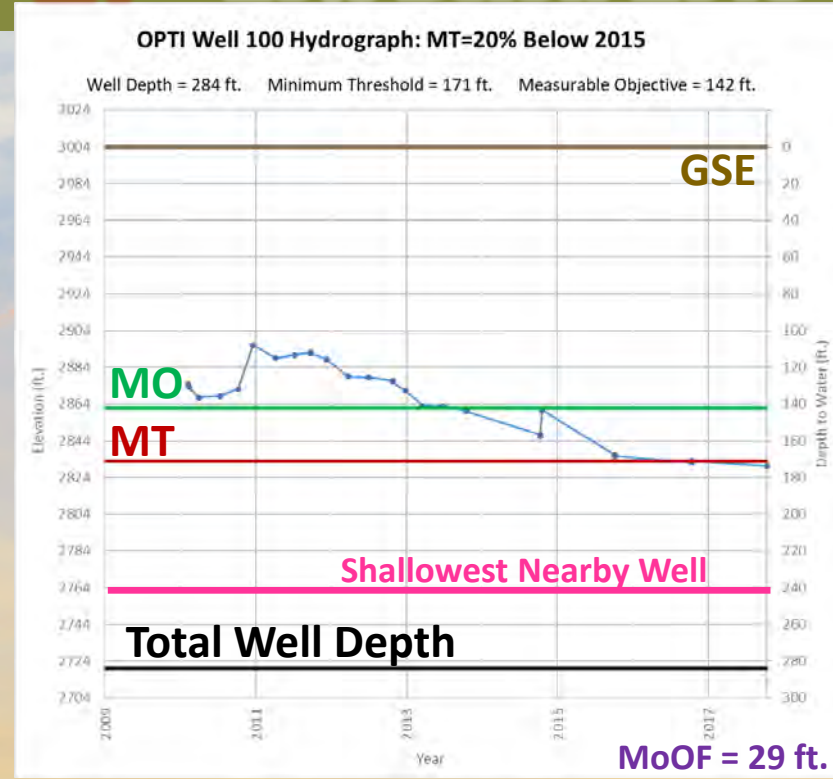
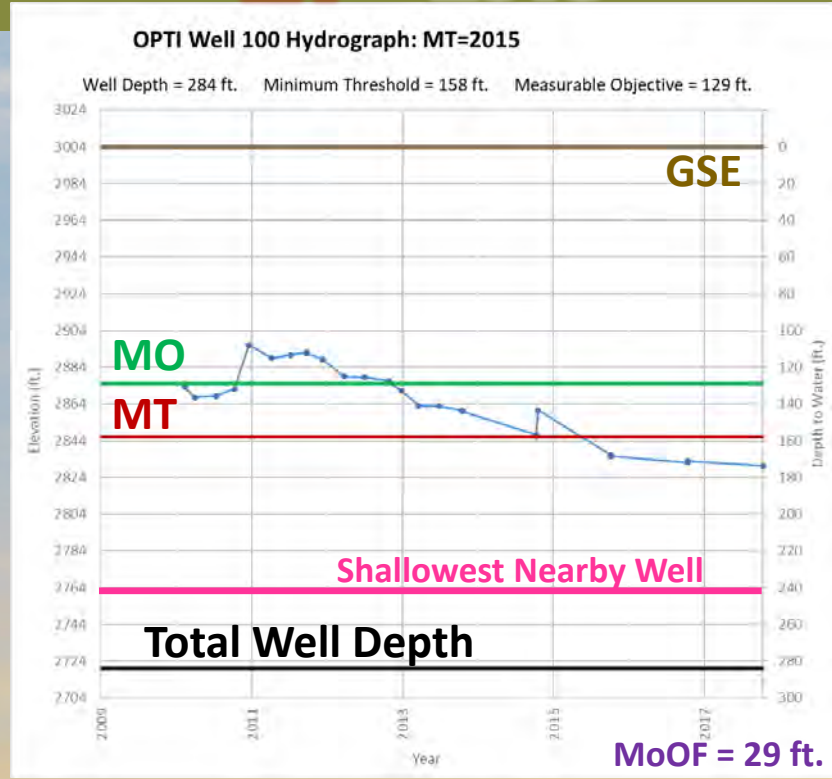
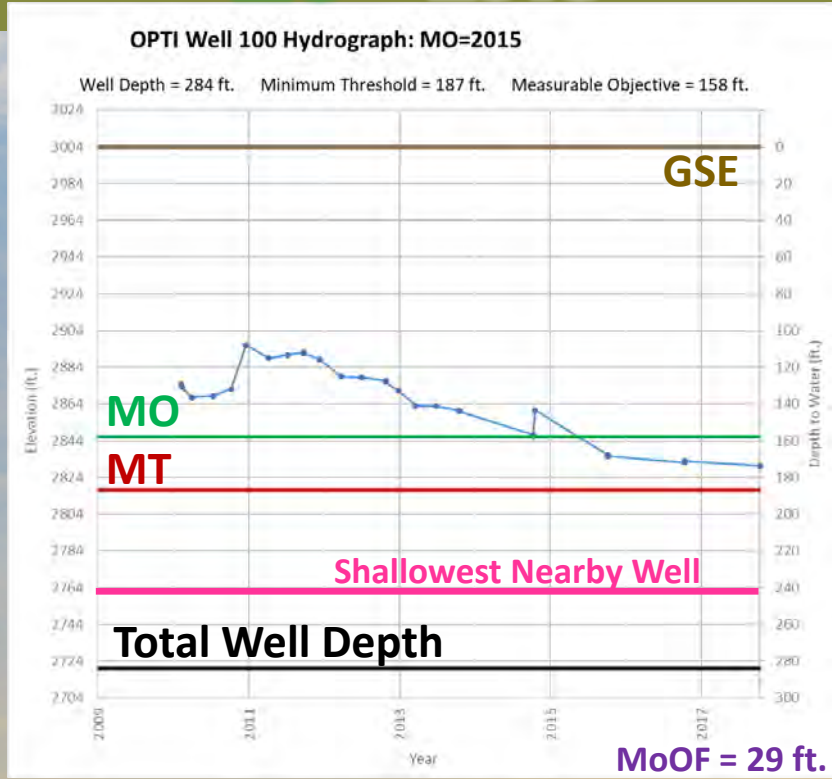
OPTI Well 100

Initially Recommended

MO = 2015

MT = 2015

MT = 20% Below 2015



Eastern Region

SAC Recommended



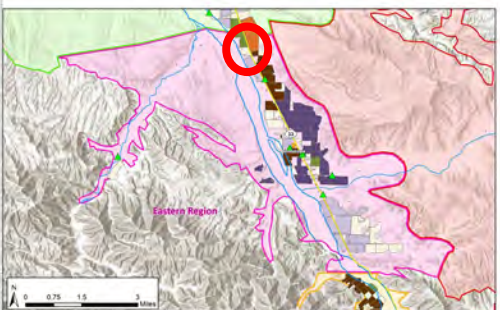
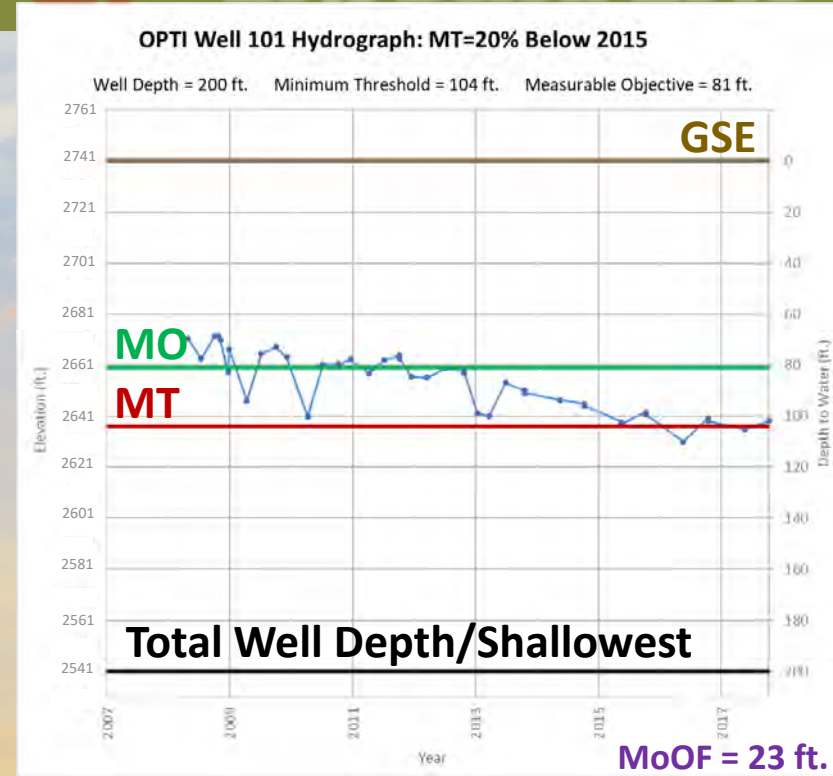
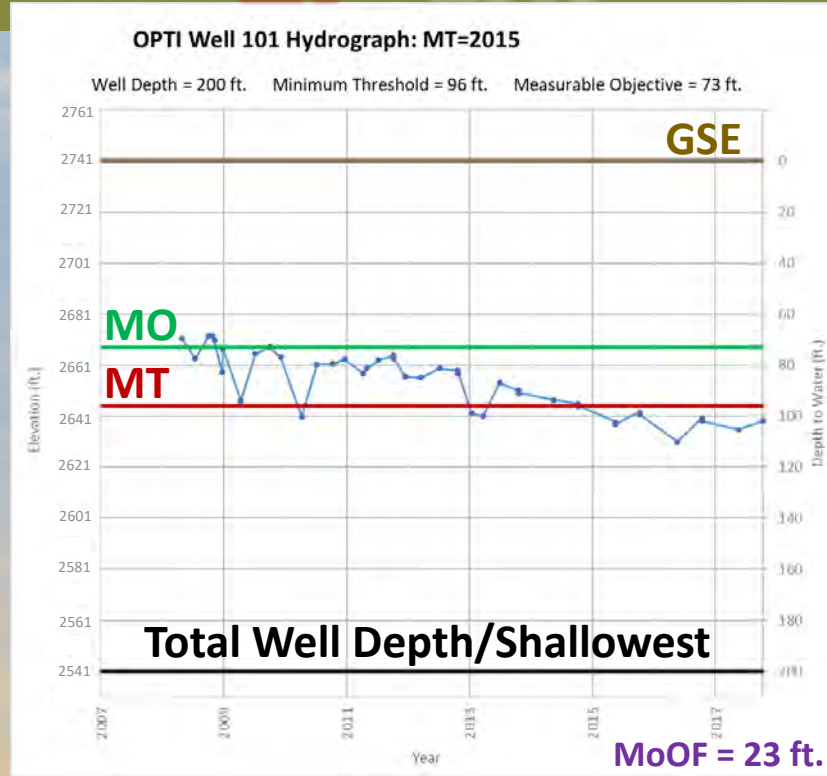
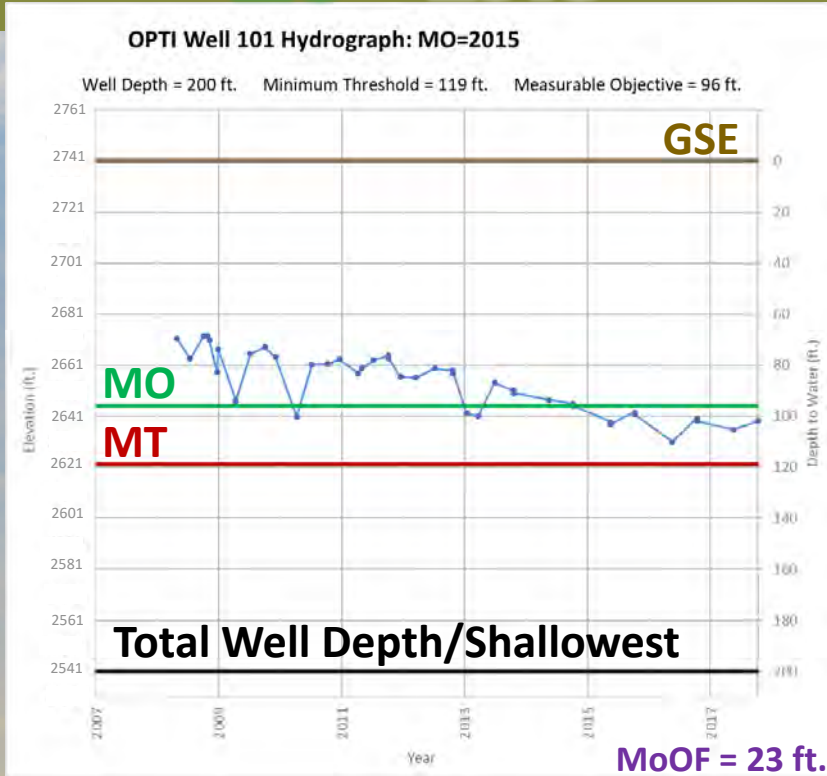
OPTI Well 101

Initially Recommended

MO = 2015

MT = 2015

MT = 20% Below 2015

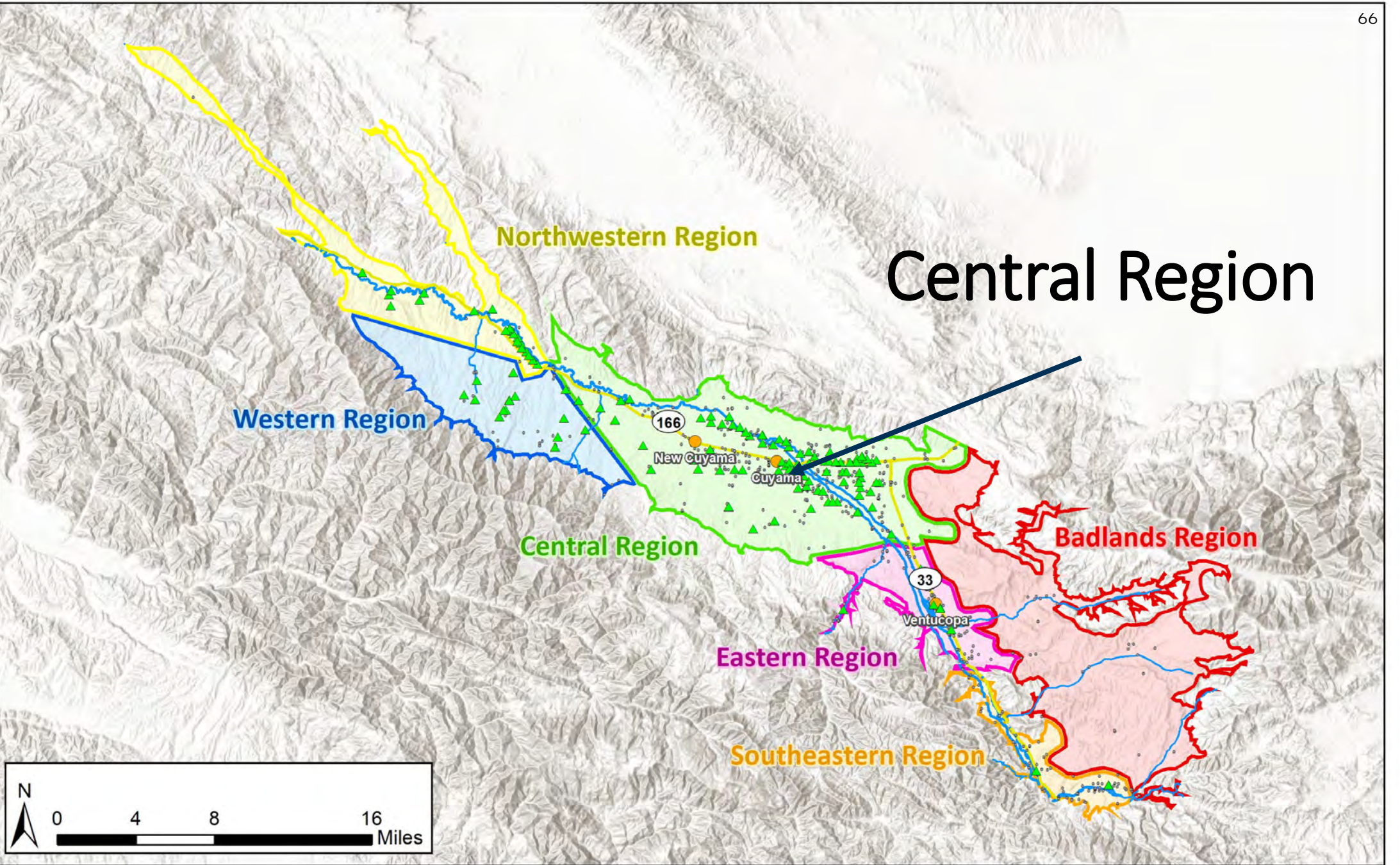


Eastern Region

SAC Recommended



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Central Region

OPTI Well 421

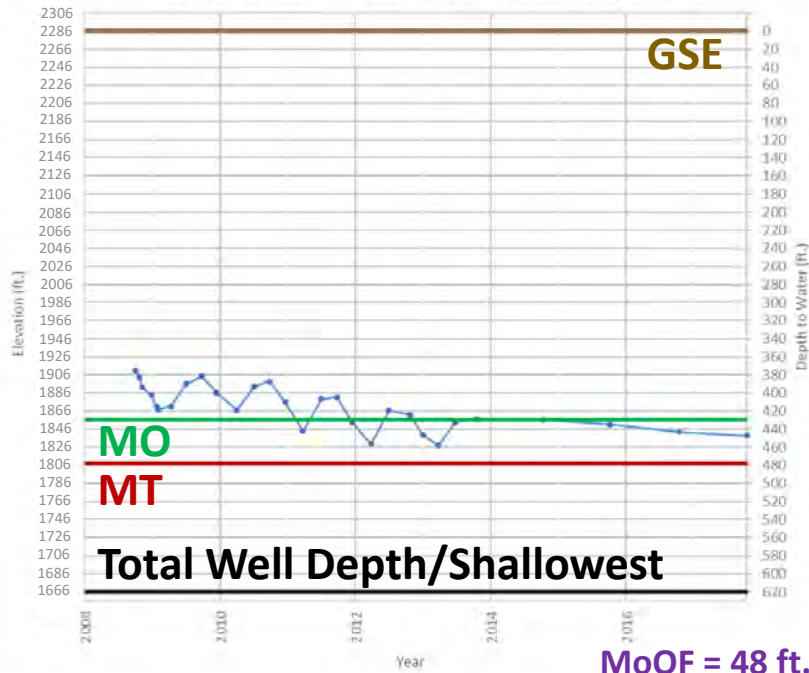
MO = 2015

MT = 2015

MT = 20% Below 2015

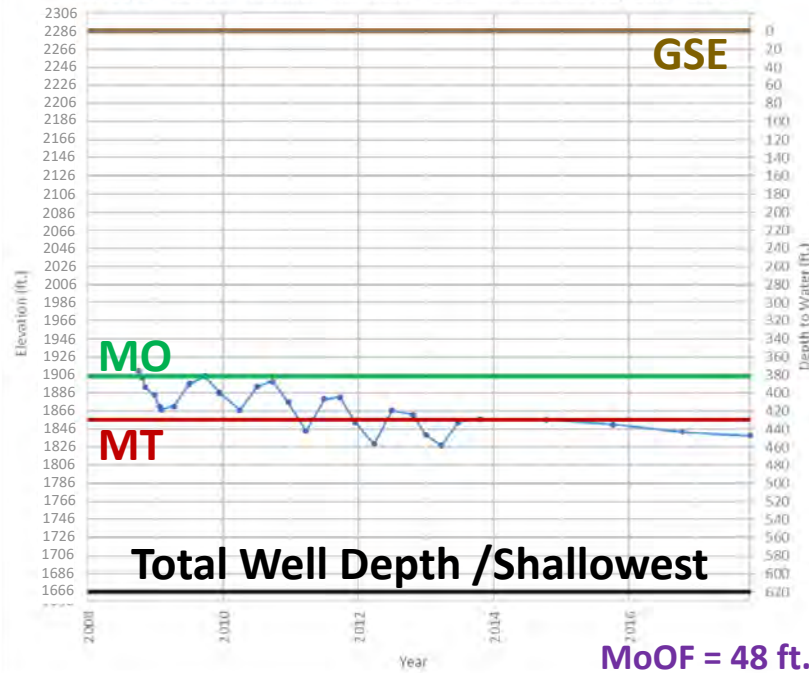
OPTI Well 421 Hydrograph: MO=2015

Well Depth = 620 ft. Minimum Threshold = 478 ft. Measurable Objective = 430 ft.



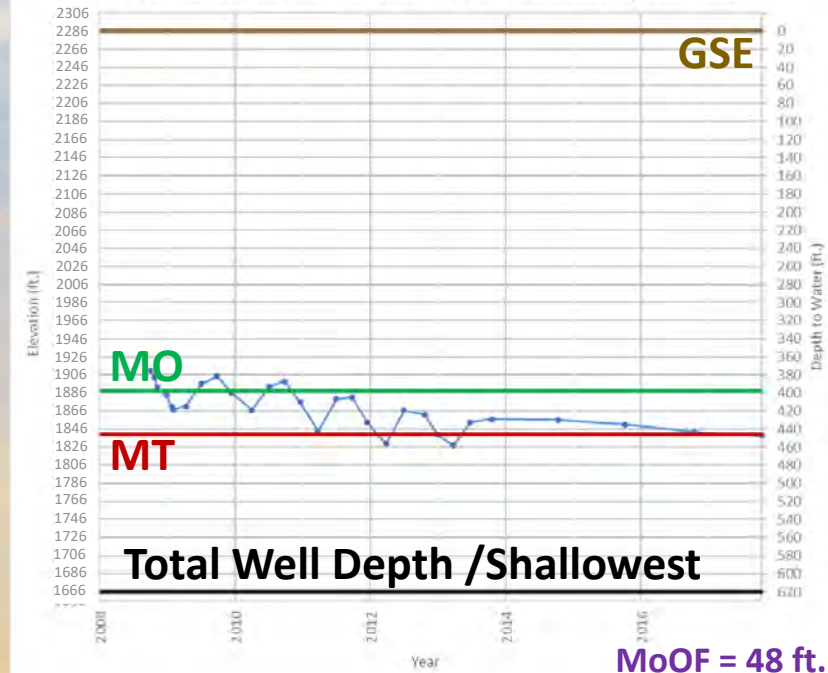
OPTI Well 421 Hydrograph: MT=2015

Well Depth = 620 ft. Minimum Threshold = 430 ft. Measurable Objective = 382 ft.



OPTI Well 421 Hydrograph: MT=20% Below 2015

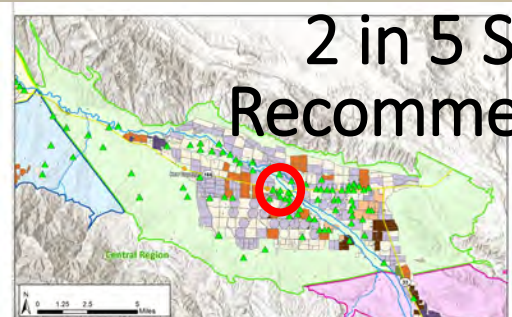
Well Depth = 620 ft. Minimum Threshold = 446 ft. Measurable Objective = 398 ft.



2 in 5 SAC
Recommended

3 in 5 SAC
Recommended

Central Region



OPTI Well 72 (CSD Well)

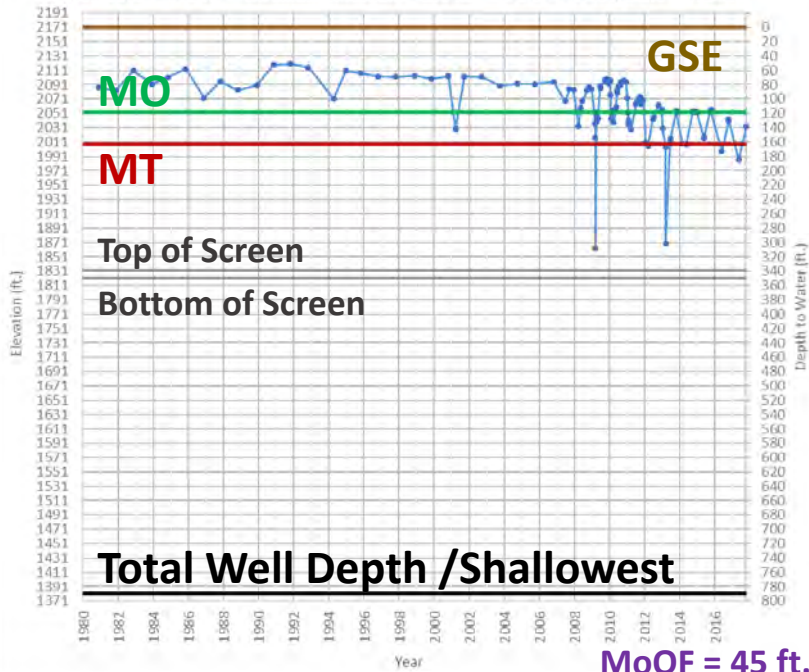
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MT = 2015

MT = 20% Below 2015

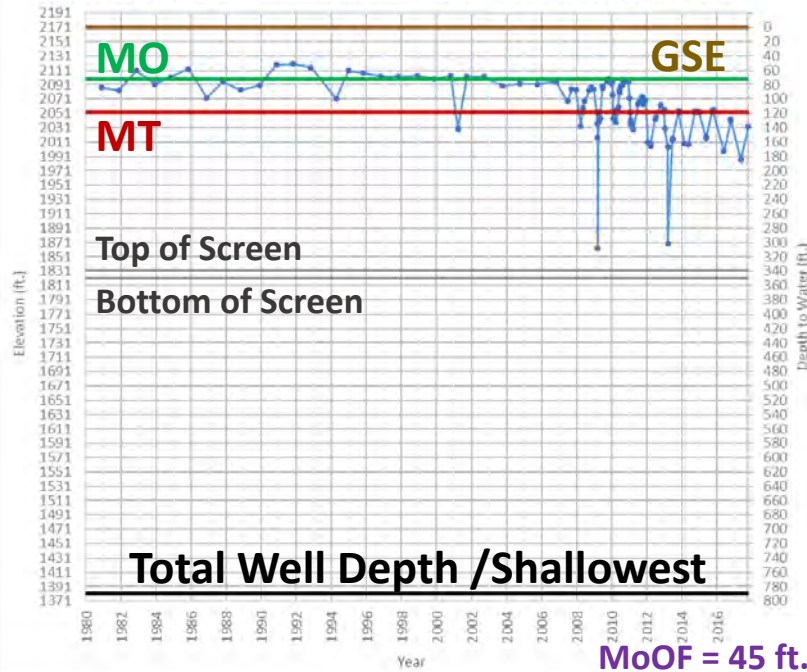
OPTI Well 72 Hydrograph: MO=2015

Well Depth = 790 ft. Minimum Threshold = 163 ft. Measurable Objective = 118 ft.



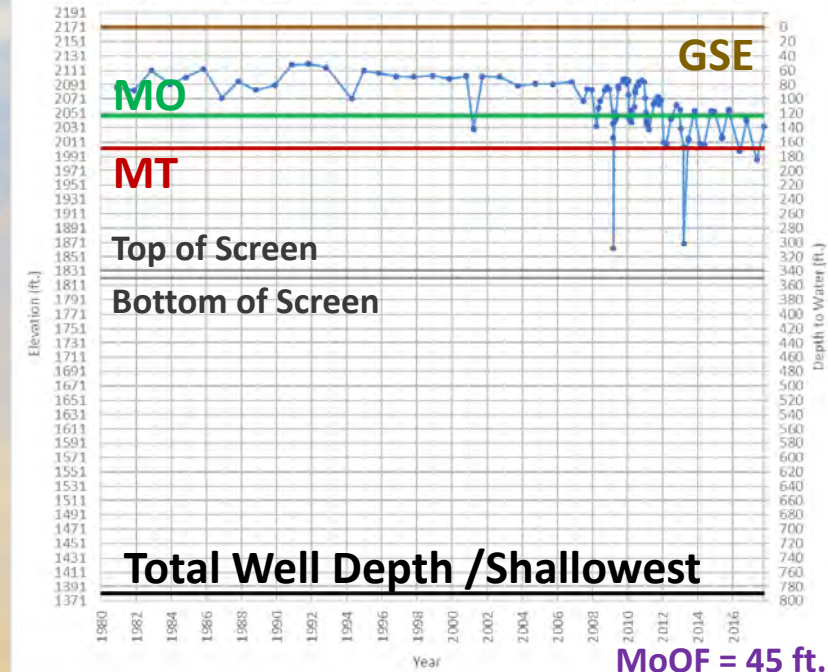
OPTI Well 72 Hydrograph: MT=2015

Well Depth = 790 ft. Minimum Threshold = 118 ft. Measurable Objective = 73 ft.



OPTI Well 72 Hydrograph: MT=20% Below 2015

Well Depth = 790 ft. Minimum Threshold = 169 ft. Measurable Objective = 124 ft.



2 in 5 SAC
Recommended

3 in 5 SAC
Recommended

Central Region



OPTI Well 474

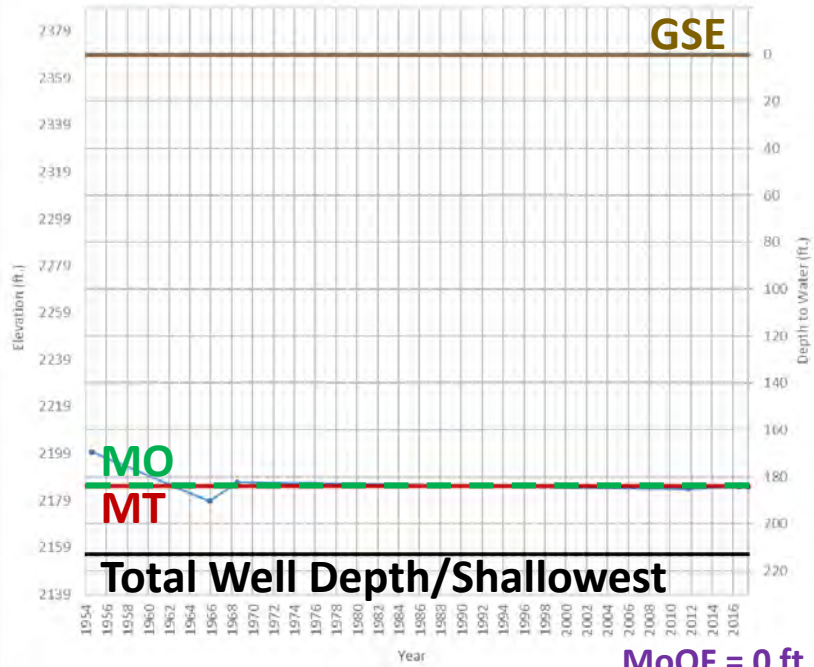
MO = 2015

MT = 2015

MT = 20% Below 2015

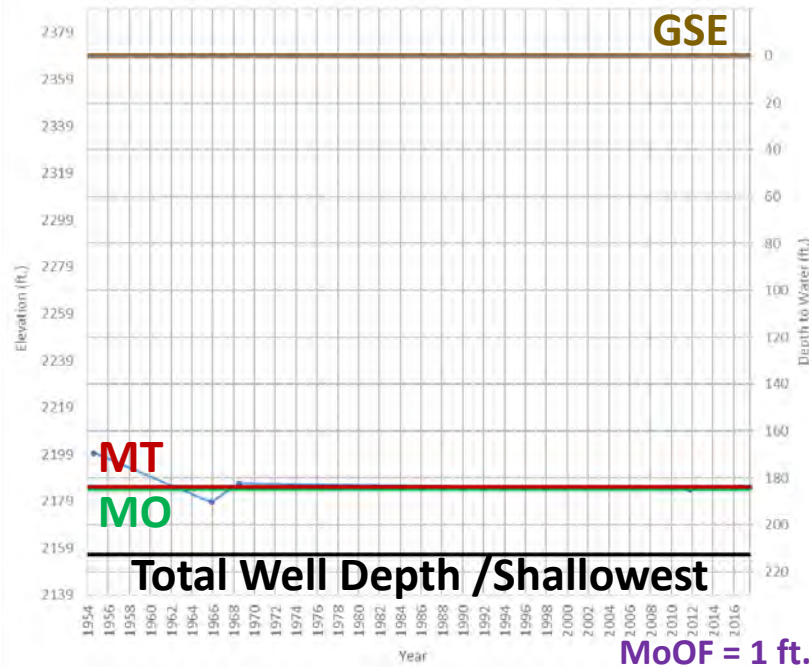
OPTI Well 474 Hydrograph: MO=2015

Well Depth = 213 ft. Minimum Threshold = 184 ft. Measurable Objective = 184 ft.



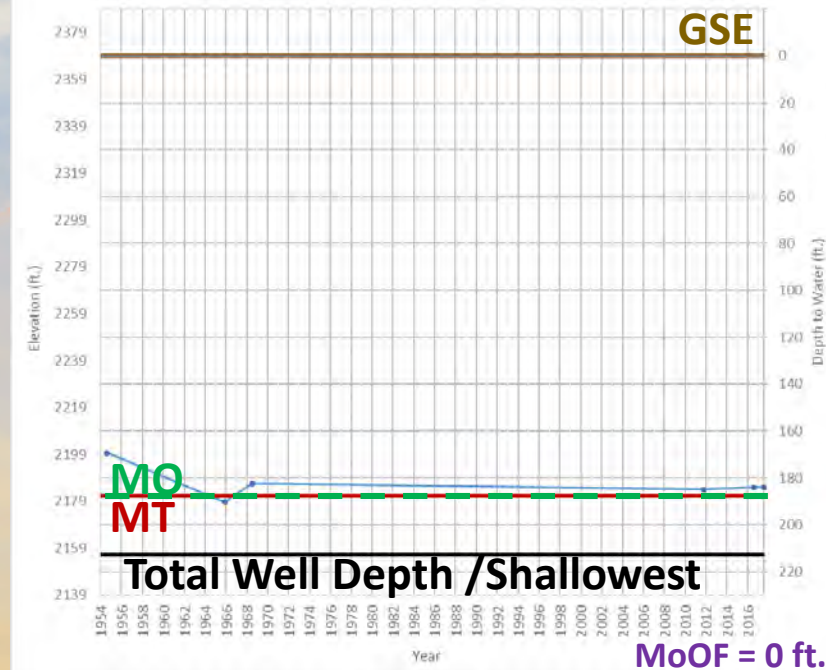
OPTI Well 474 Hydrograph: MT=2015

Well Depth = 213 ft. Minimum Threshold = 184 ft. Measurable Objective = 185 ft.



OPTI Well 474 Hydrograph: MT=20% Below 2015

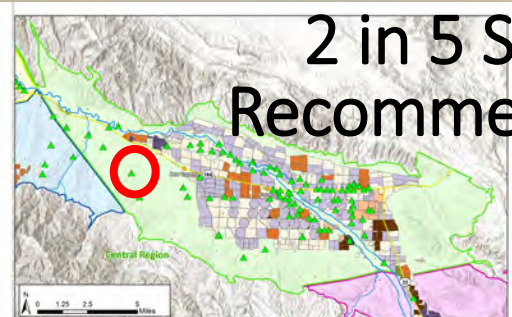
Well Depth = 213 ft. Minimum Threshold = 188 ft. Measurable Objective = 188 ft.



2 in 5 SAC
Recommended

3 in 5 SAC
Recommended

Central Region

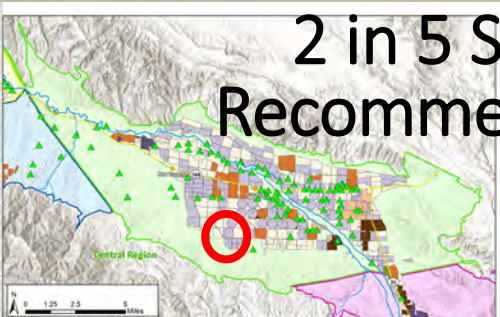
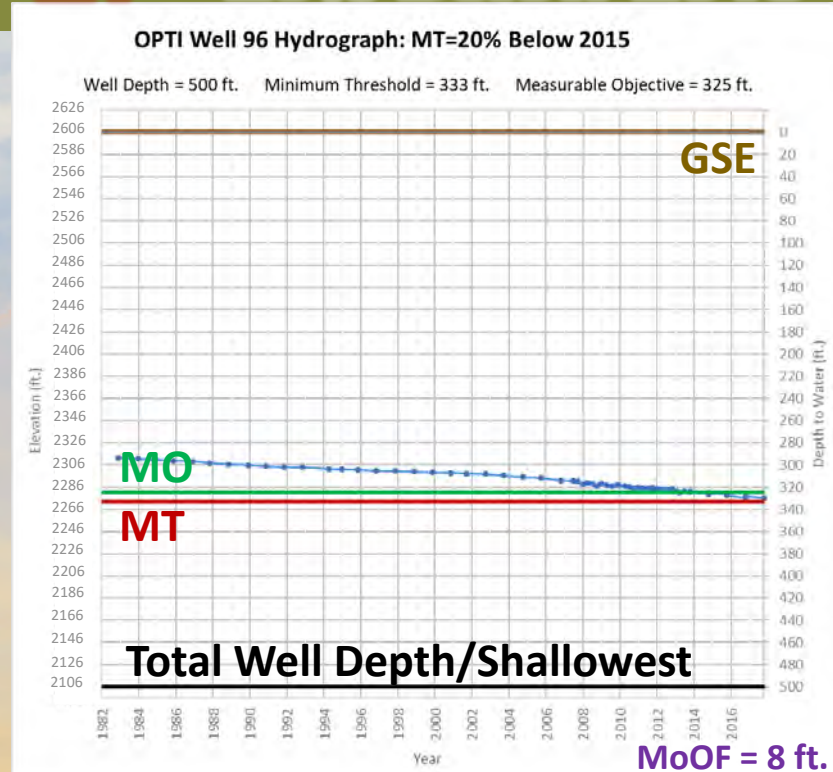
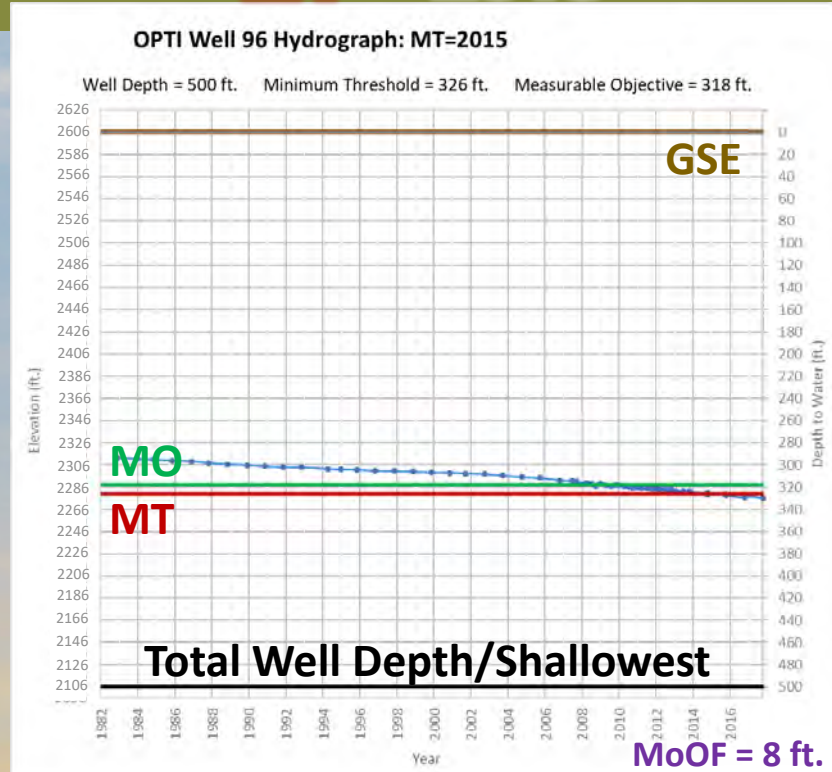
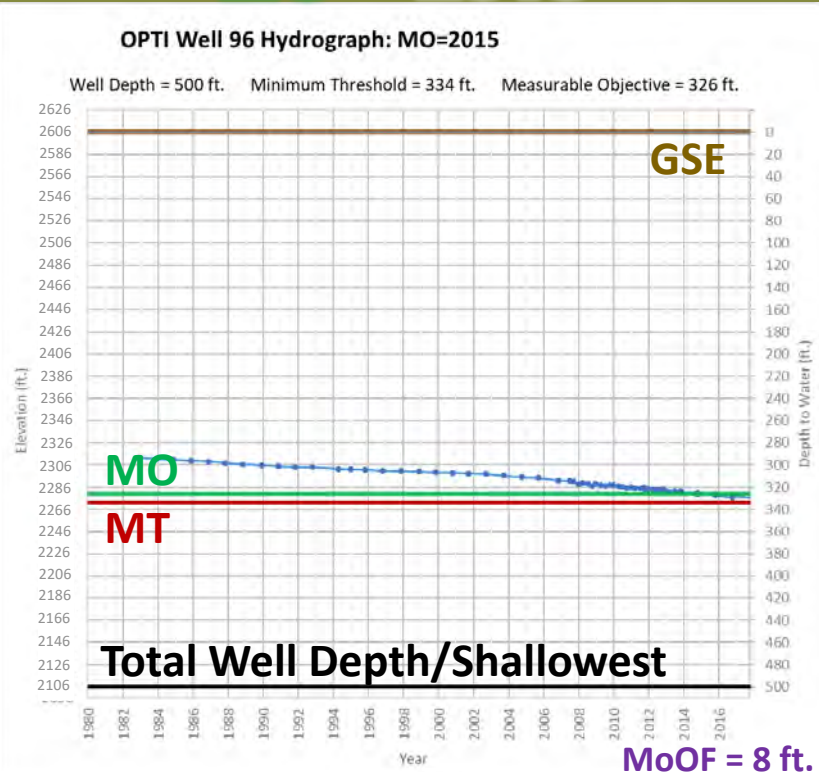


OPTI Well 96

MO = 2015

MT = 2015

MT = 20% Below 2015



2 in 5 SAC Recommended

3 in 5 SAC Recommended

Central Region



OPTI Well 613

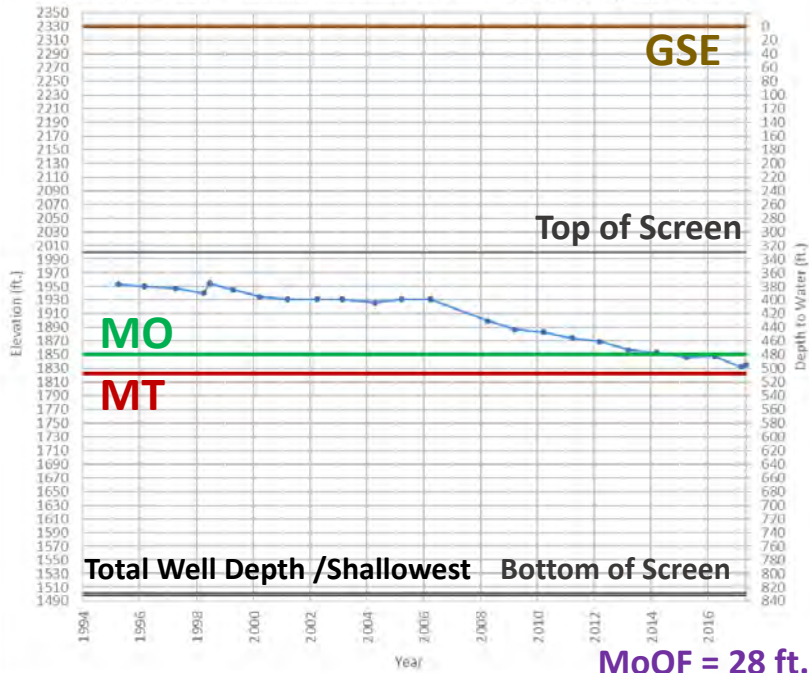
MO = 2015

MT = 2015

MT = 20% Below 2015

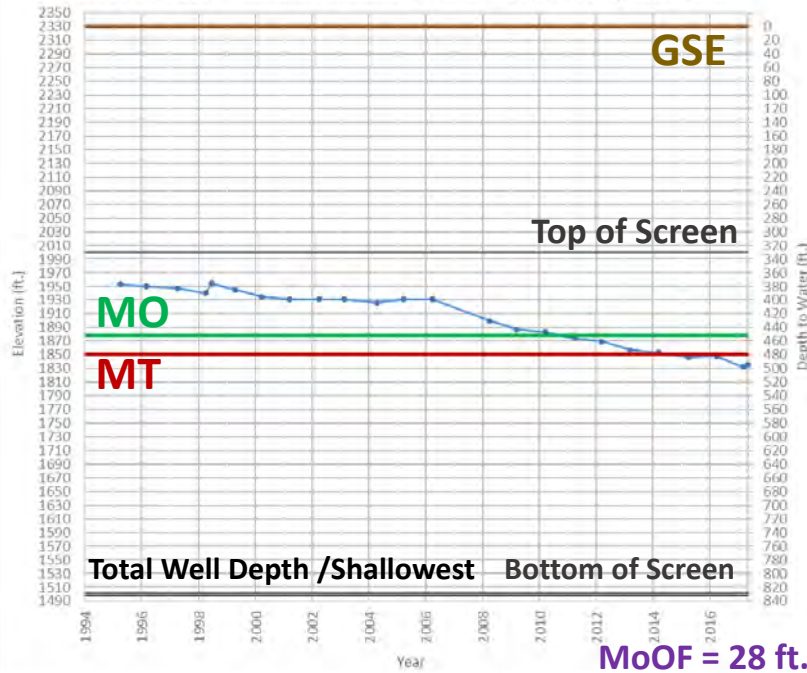
OPTI Well 613 Hydrograph: MO=2015

Well Depth = 830 ft. Minimum Threshold = 507 ft. Measurable Objective = 479 ft.



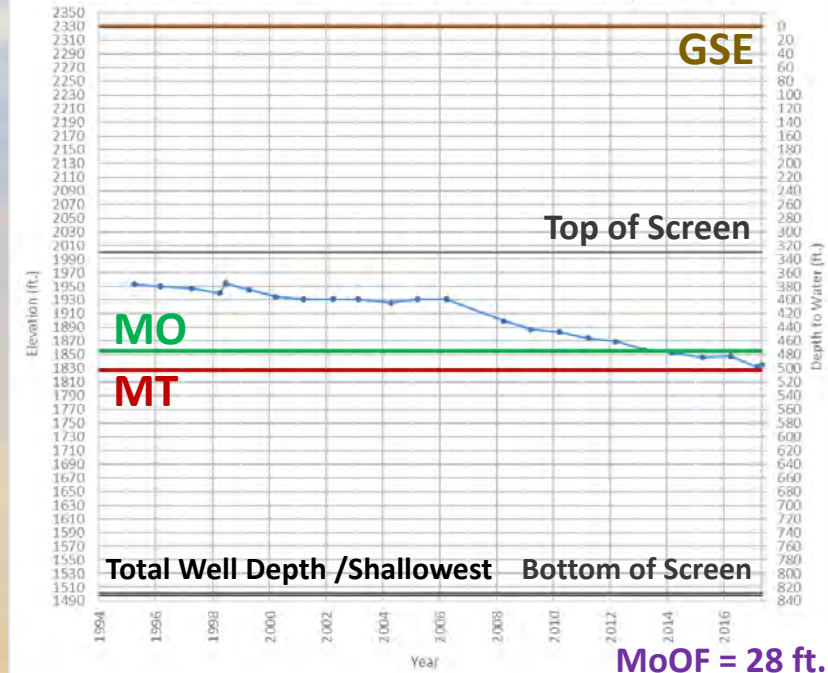
OPTI Well 613 Hydrograph: MT=2015

Well Depth = 830 ft. Minimum Threshold = 479 ft. Measurable Objective = 451 ft.



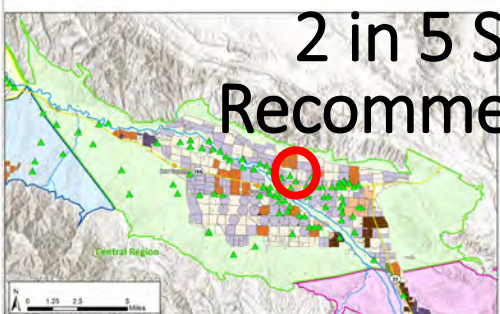
OPTI Well 613 Hydrograph: MT=20% Below 2015

Well Depth = 830 ft. Minimum Threshold = 503 ft. Measurable Objective = 475 ft.



2 in 5 SAC
Recommended

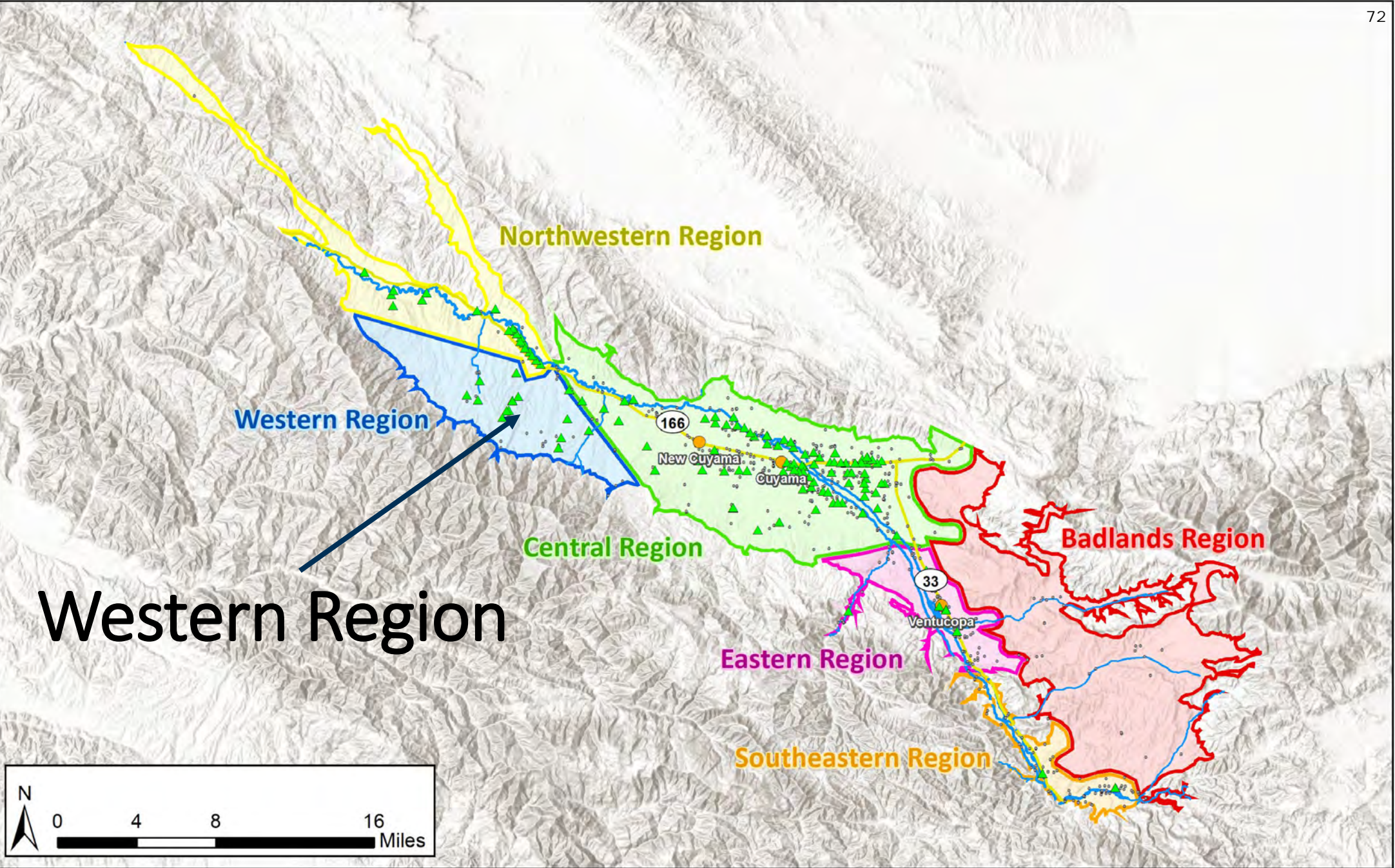
3 in 5 SAC
Recommended



Central Region

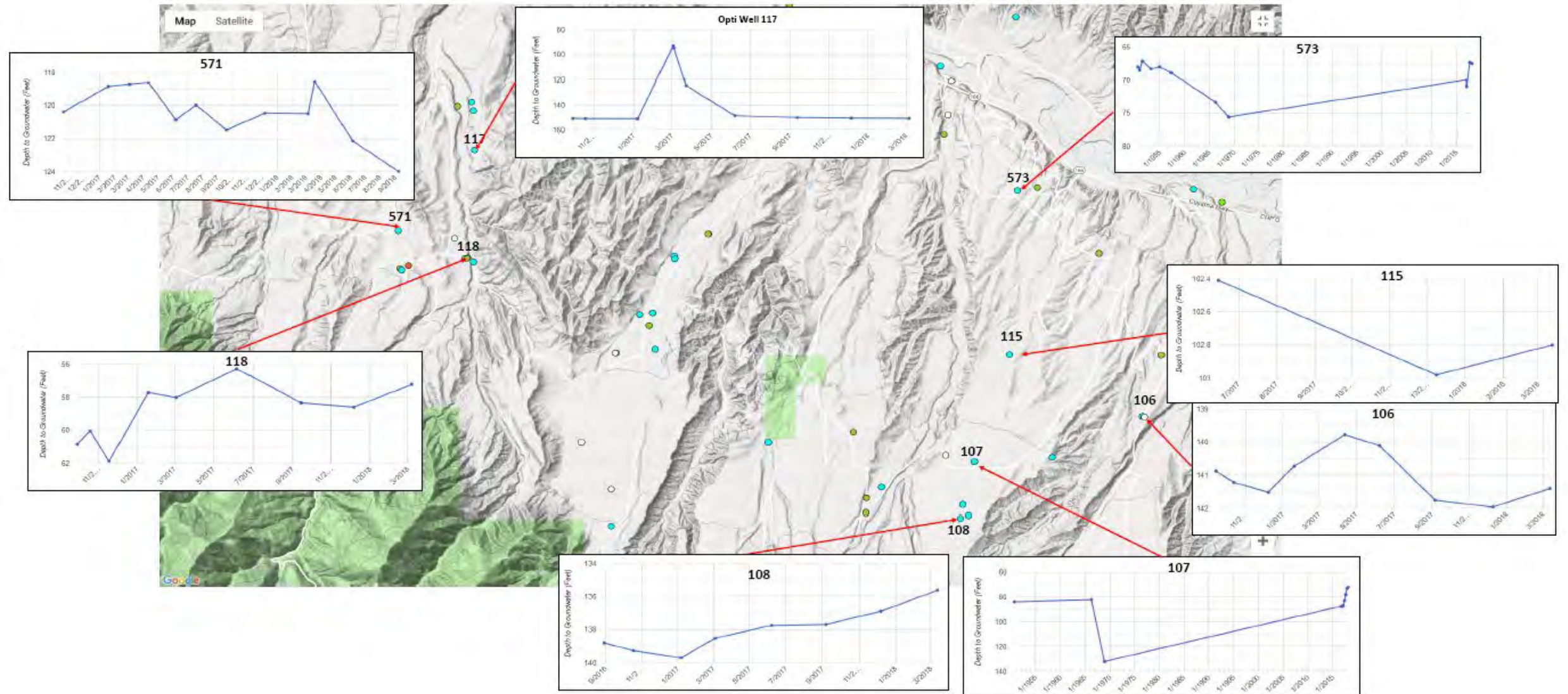


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Western Region

Western Region Hydrographs

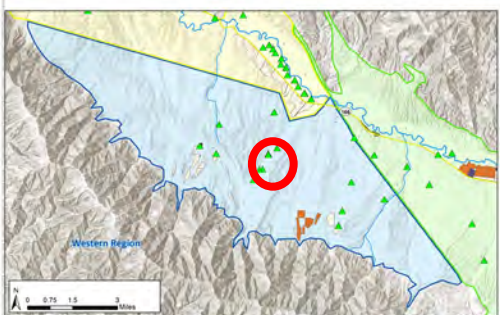
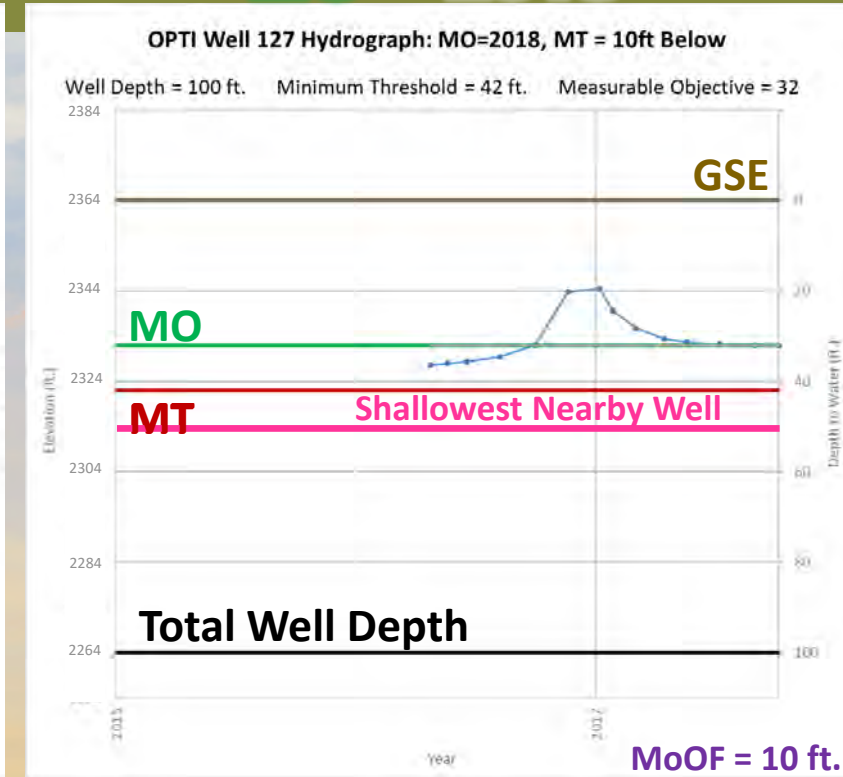
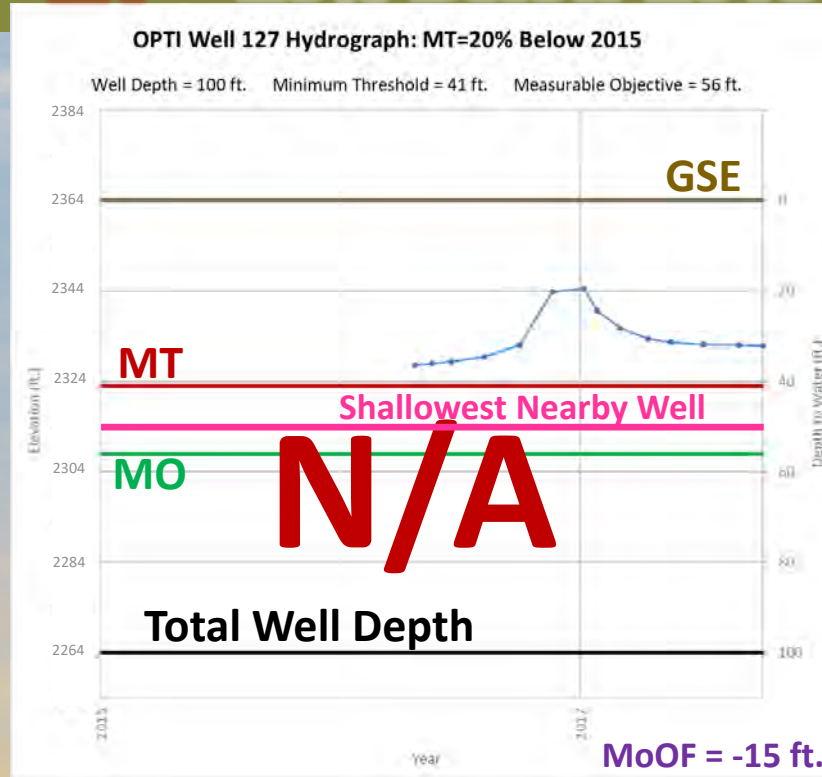
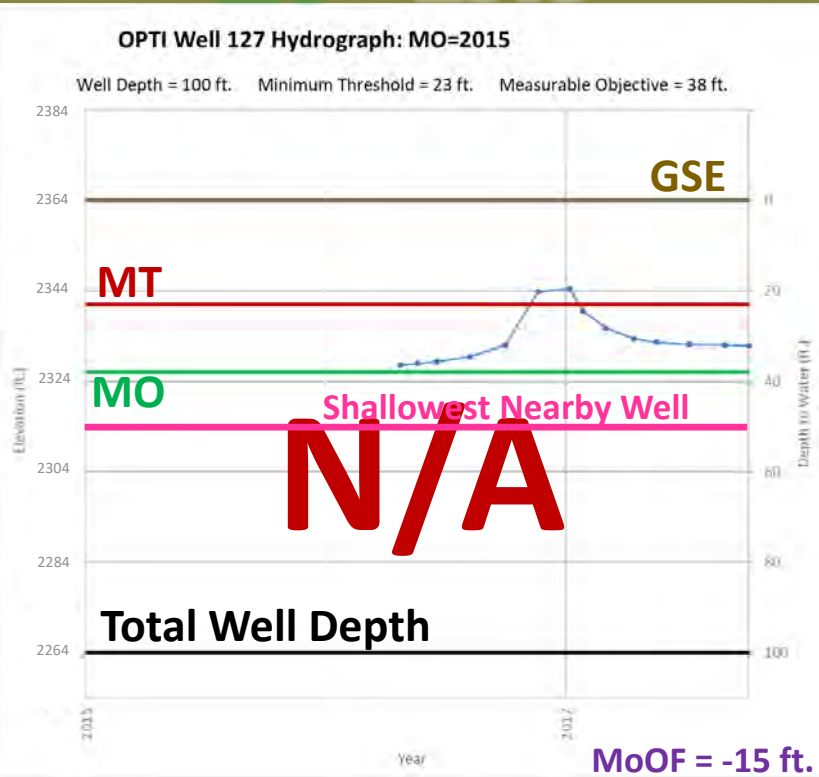


OPTI Well 127 Discussed - No SAC Recommendation

MO = 2015

MT = 20% Below 2015

MO = 2018



Western Region



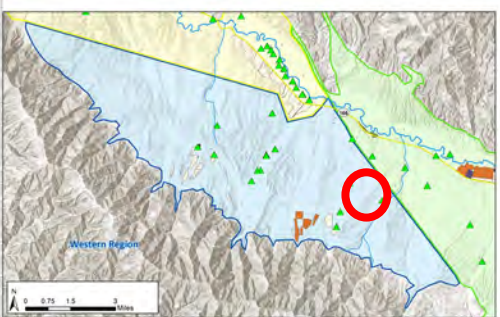
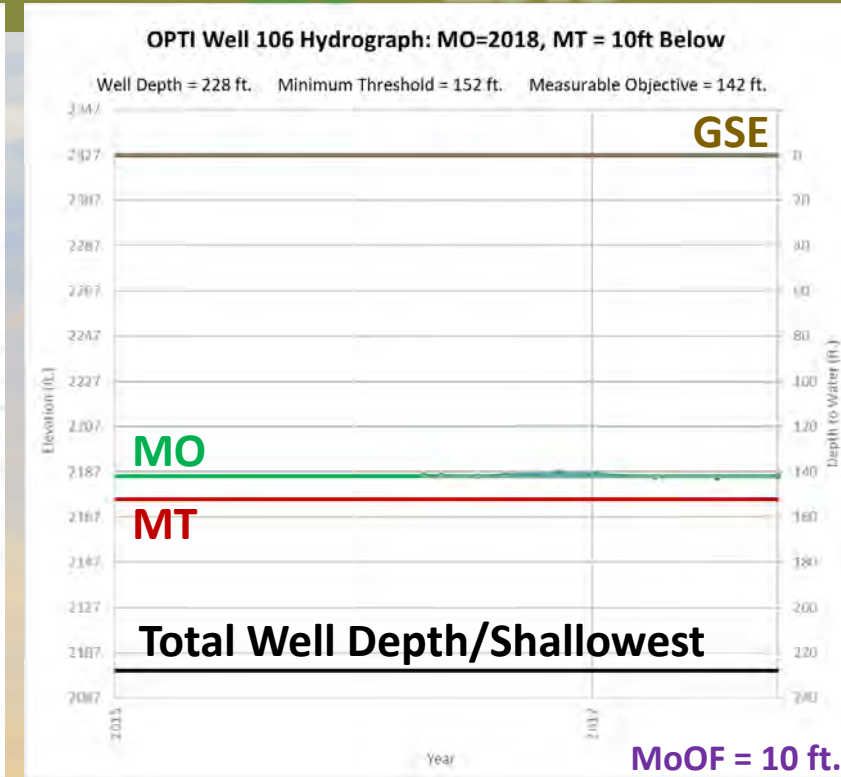
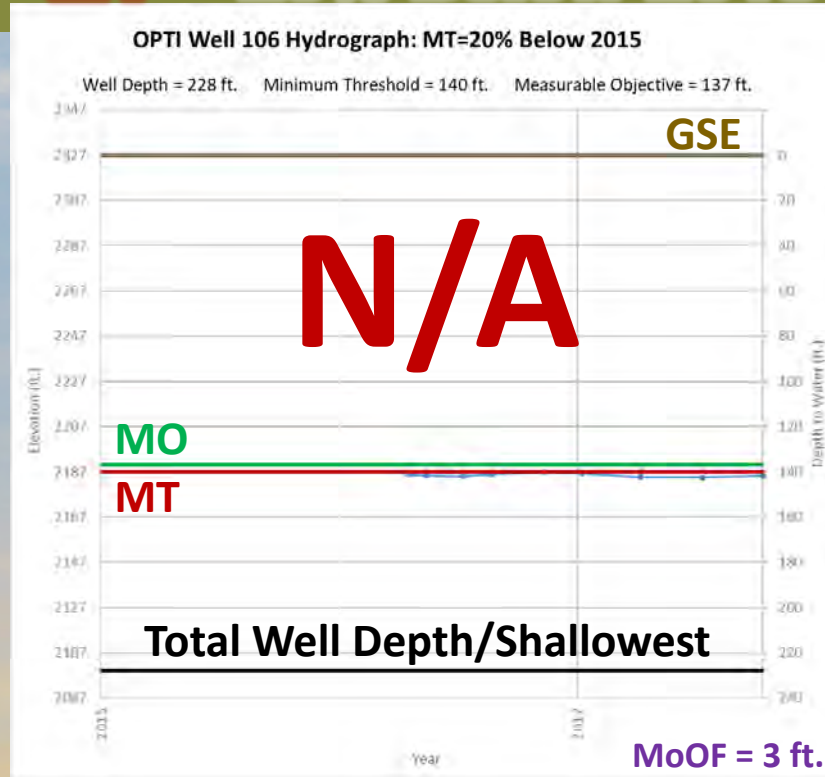
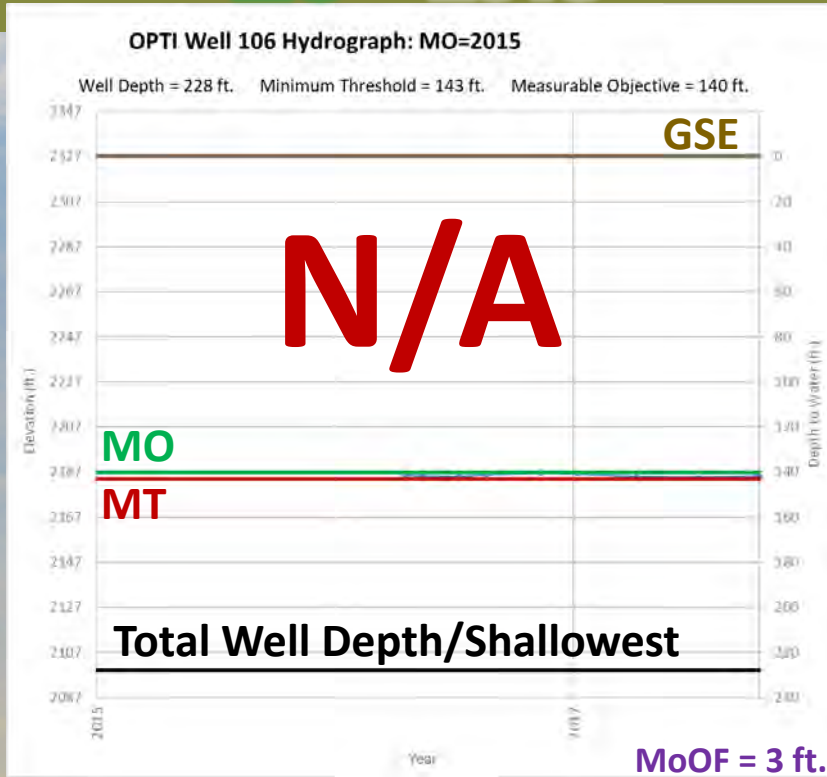
OPTI Well 106

Discussed - No SAC Recommendation

MO = 2015

MT = 20% Below 2015

MO = 2018



Western Region



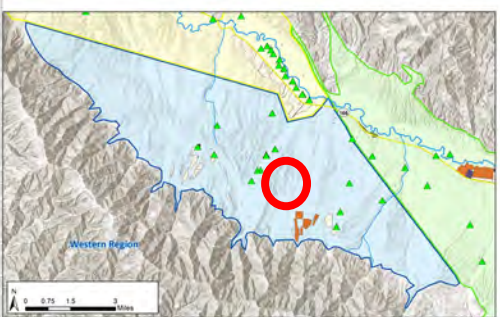
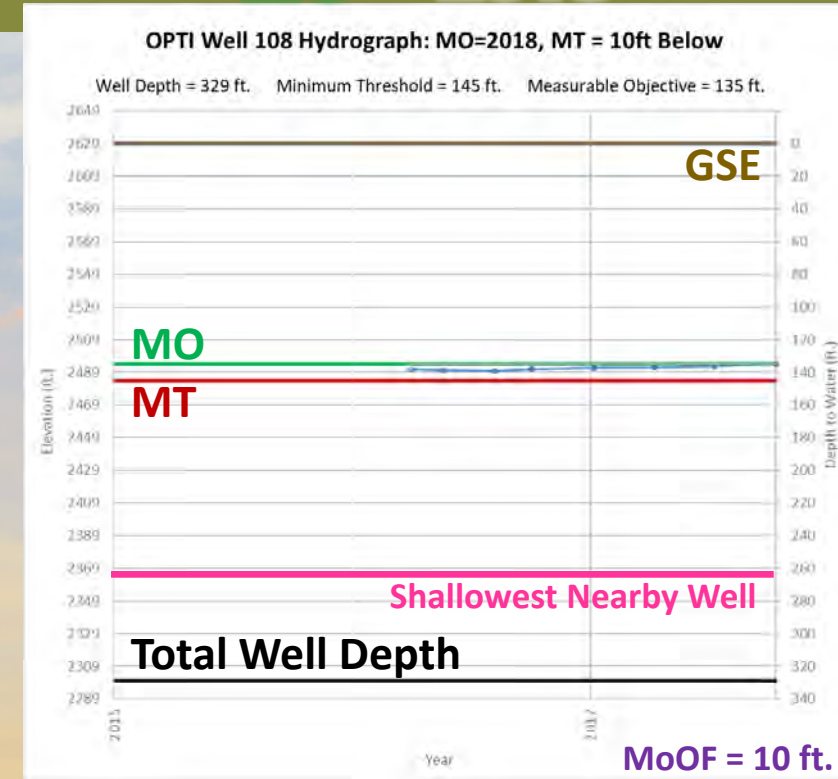
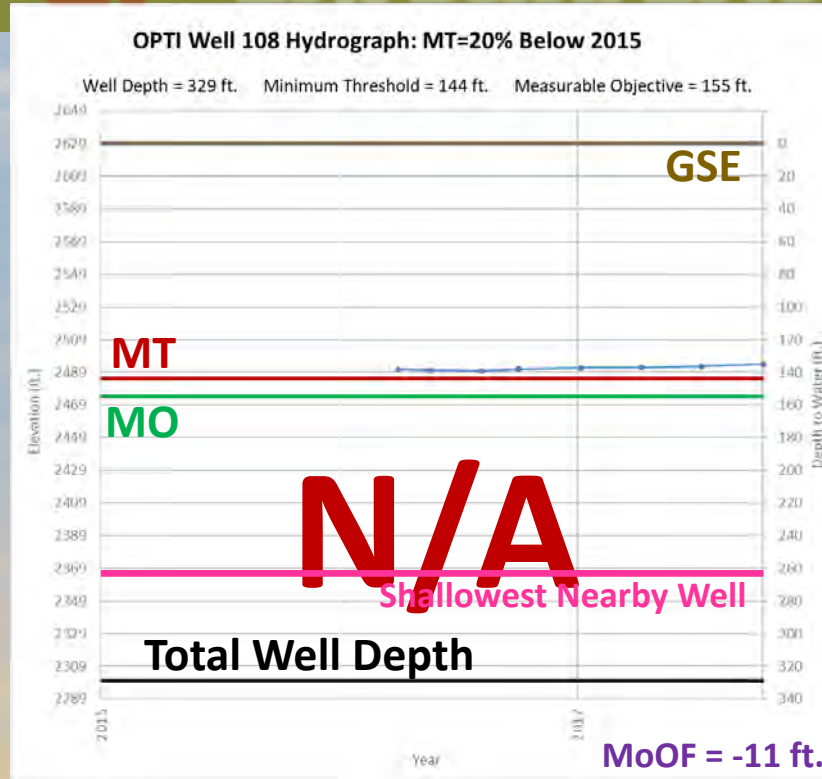
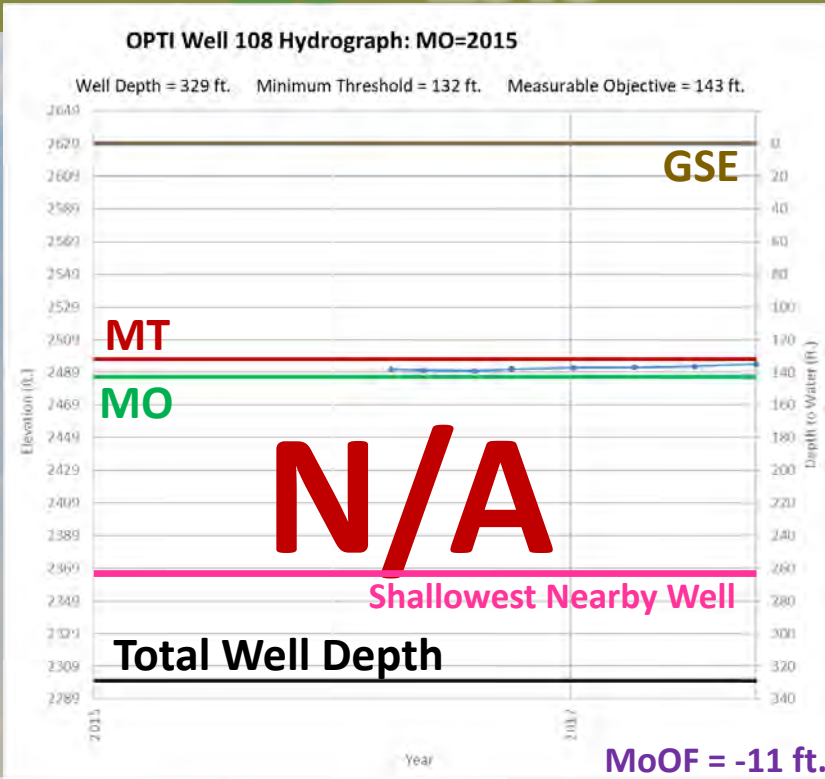
OPTI Well 108

Discussed - No SAC Recommendation

MO = 2015

MT = 20% Below 2015

MO = 2018



Western Region

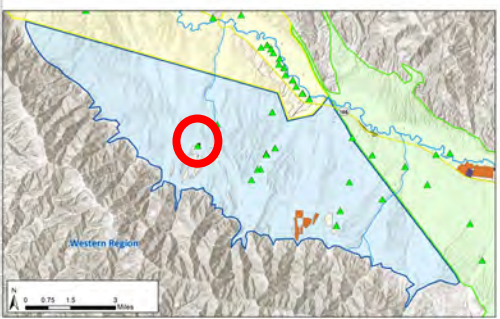
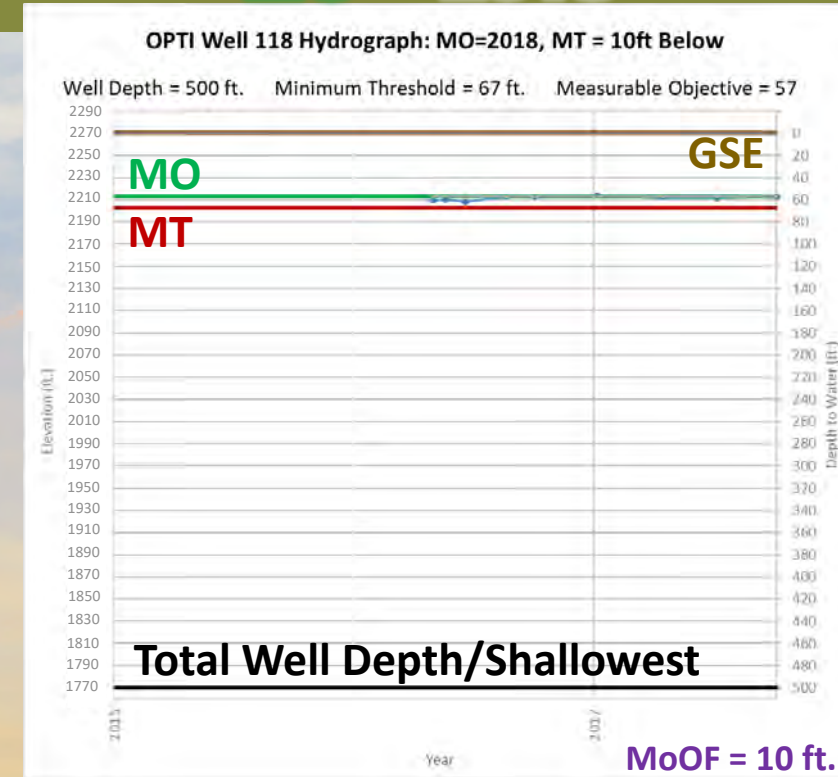
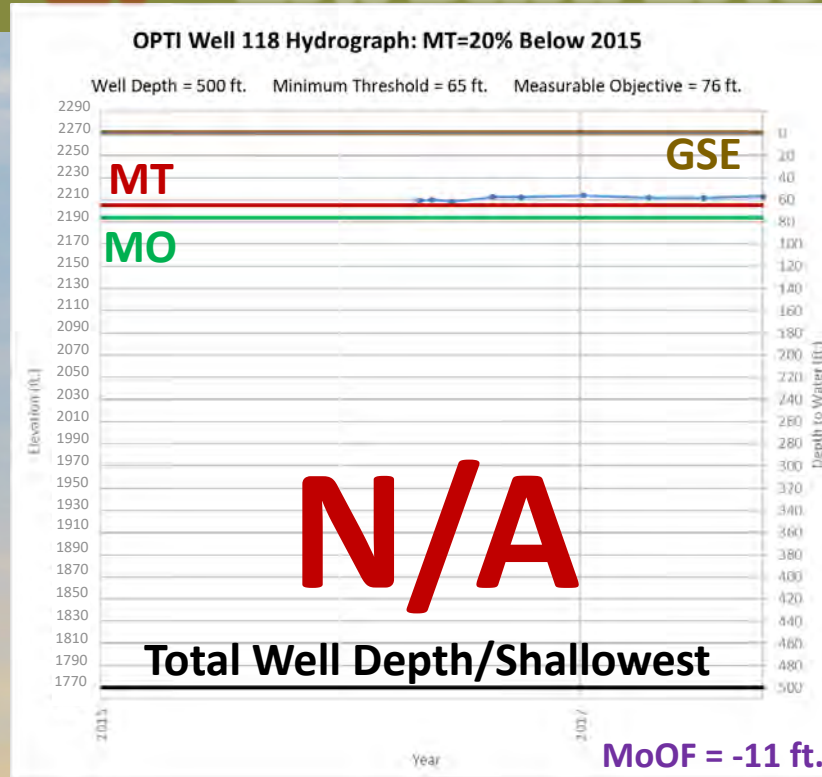
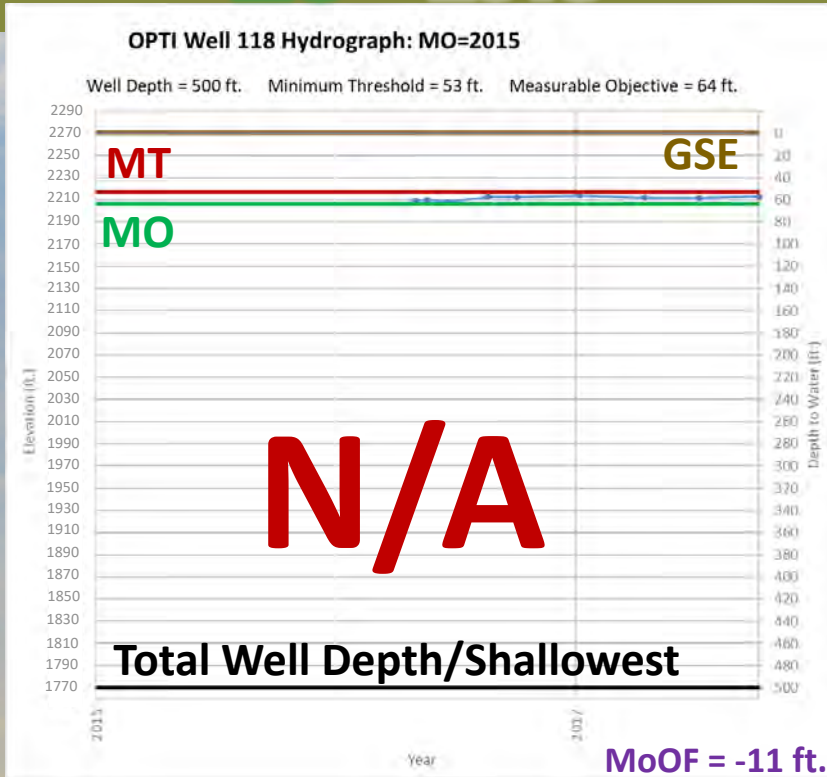


OPTI Well 118 Discussed - No SAC Recommendation

MO = 2015

MT = 20% Below 2015

MO = 2018



Western Region



Northwestern Region



Northwestern Region

Western Region

Central Region

Eastern Region

Southeastern Region

Badlands Region

166

33

New Cuyama

Cuyama

Ventucopa



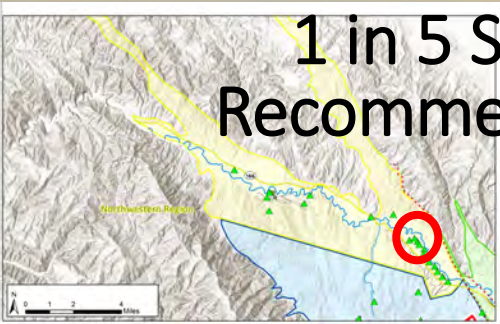
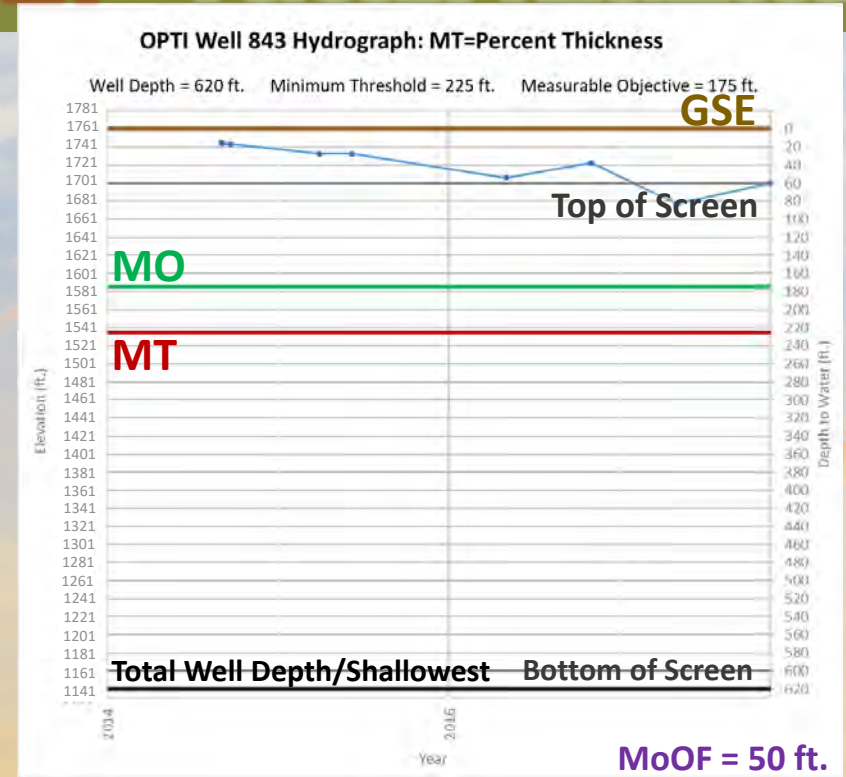
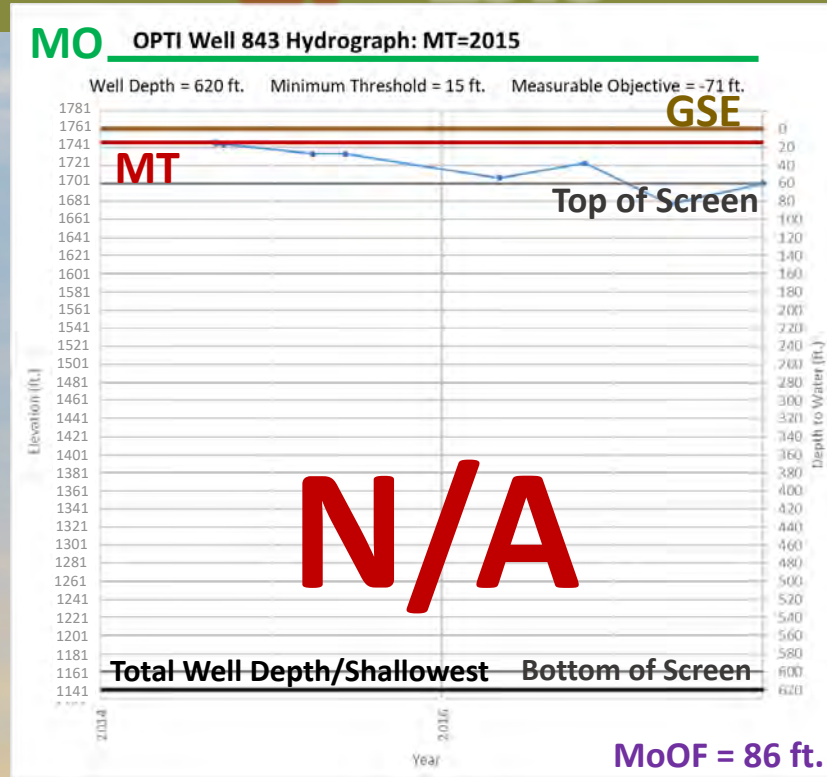
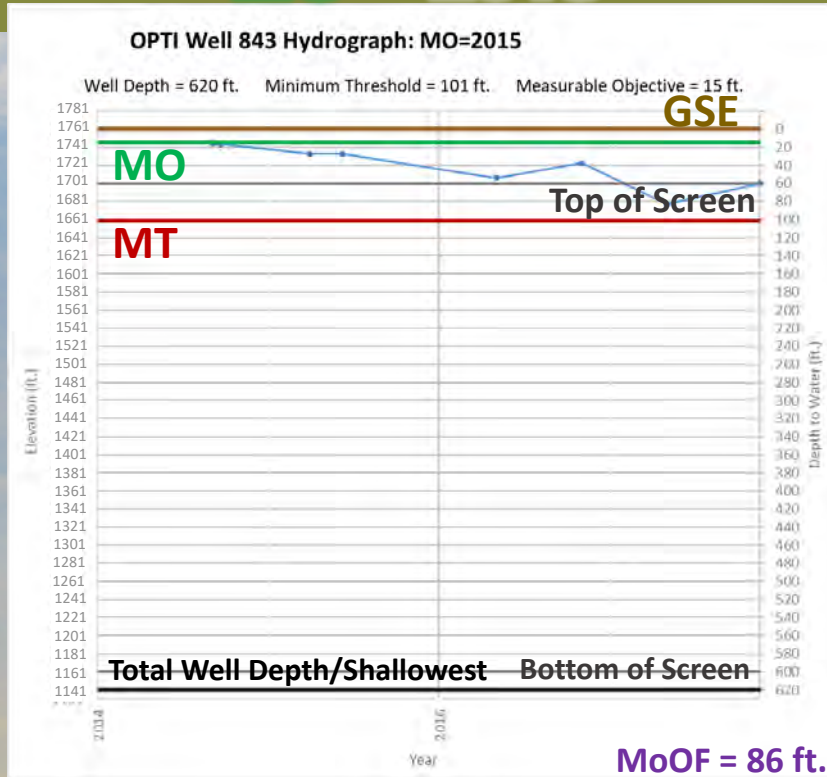
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OPTI Well 843 Discussed - No SAC Recommendation

MO = 2015

MT = 2015

MT = Percent Thickness



1 in 5 SAC Recommended

Northwestern Region

*1 in 5 SAC Recommend 2018 as MO, 5 years of storage down to MT

3 in 5 SAC Recommended

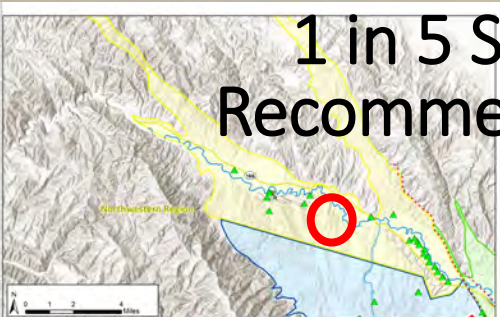
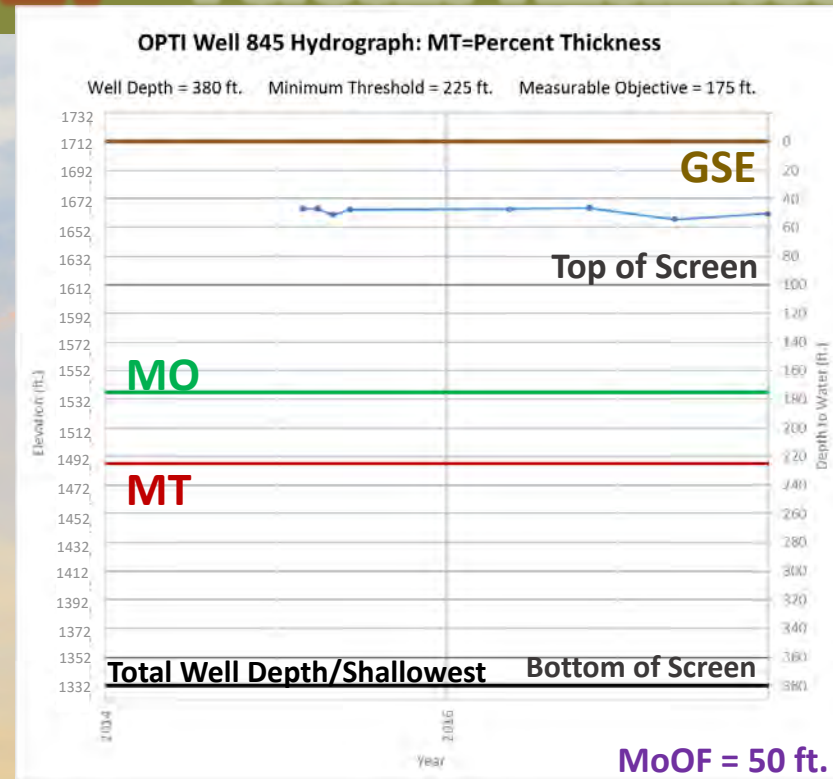
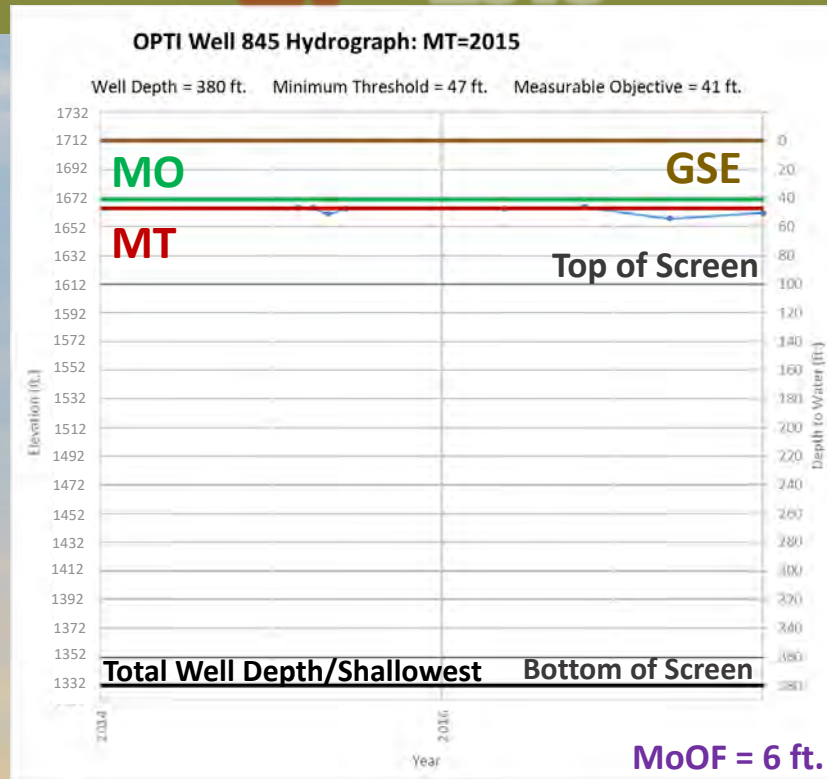
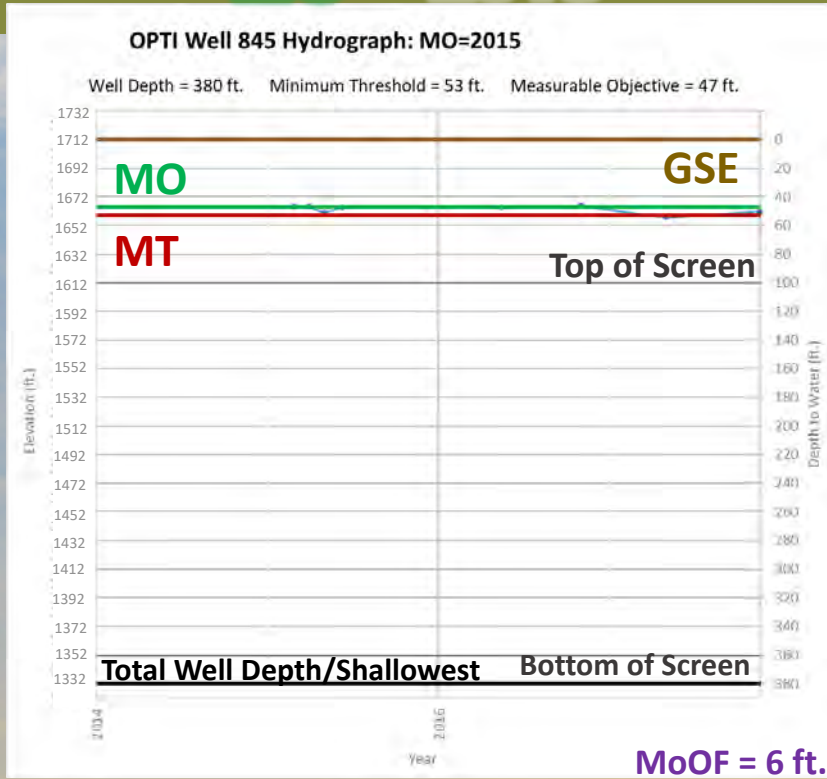


OPTI Well 845

MO = 2015

MT = 2015

MT = Percent Thickness



1 in 5 SAC Recommended

Northwestern Region

*1 in 5 SAC
Recommend 2018 as MO, 5
years of storage down to MT

3 in 5 SAC Recommended

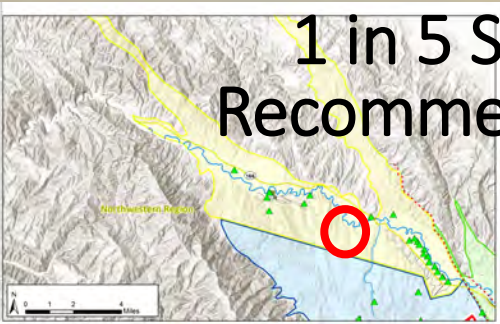
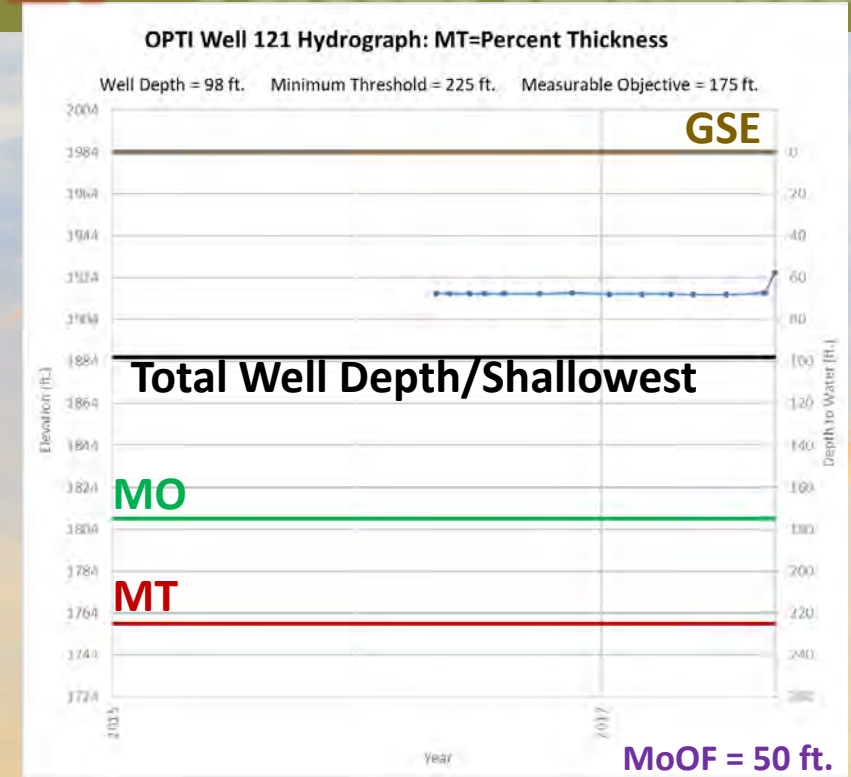
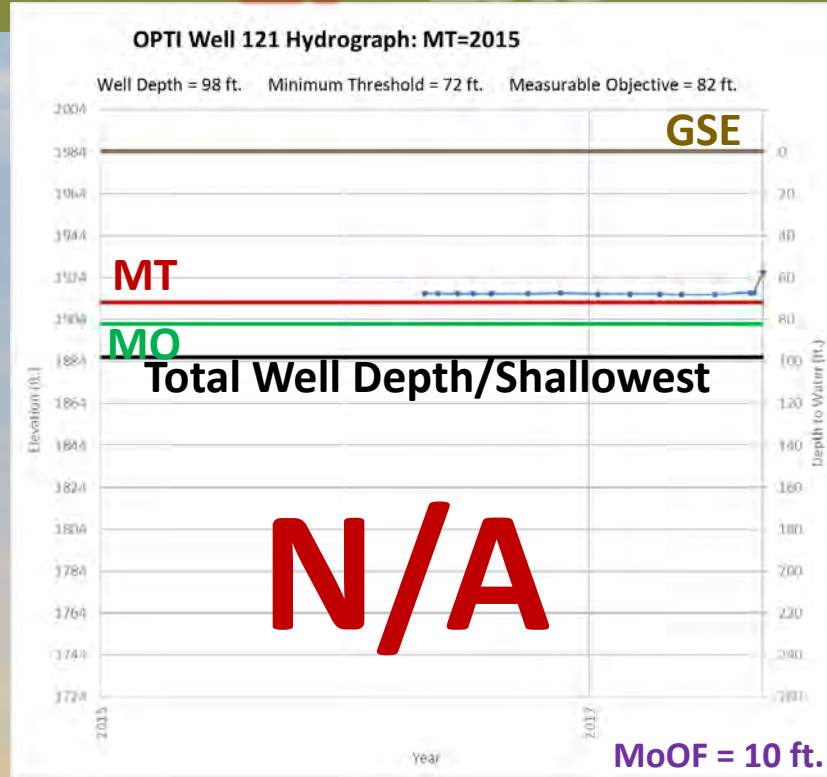
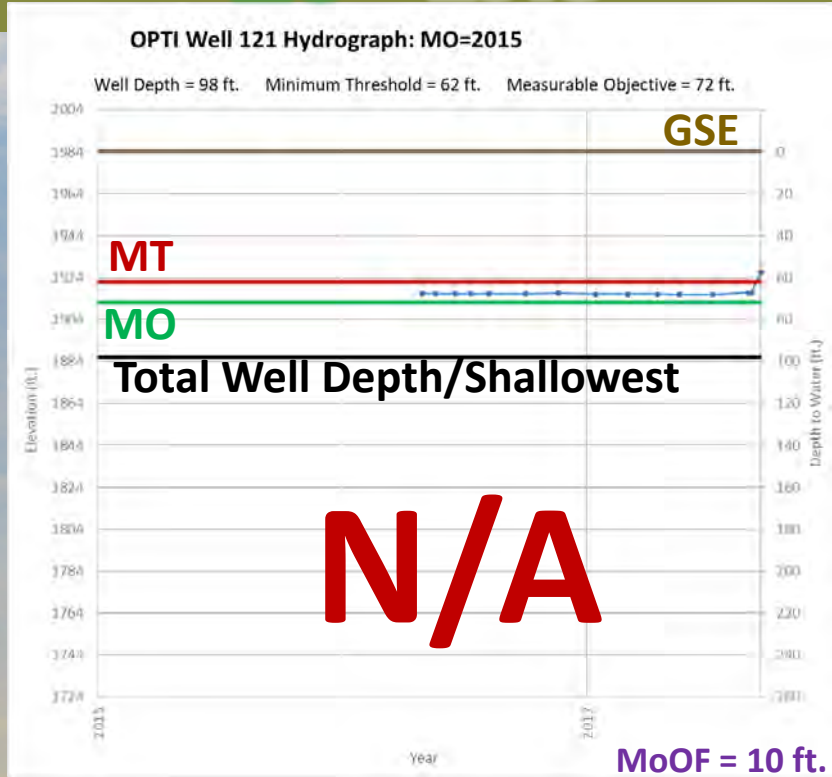


OPTI Well 121

MO = 2015

MT = 2015

MT = Percent Thickness



1 in 5 SAC
Recommended

*1 in 5 SAC
Recommend 2018 as MO, 5
years of storage down to MT

3 in 5 SAC
Recommended

Northwestern Region

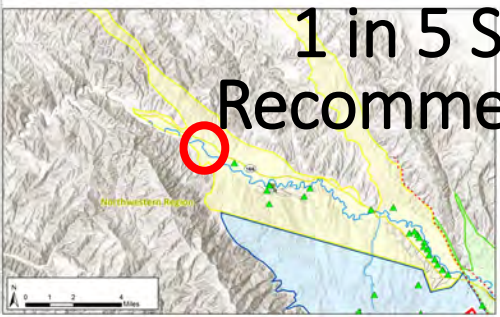
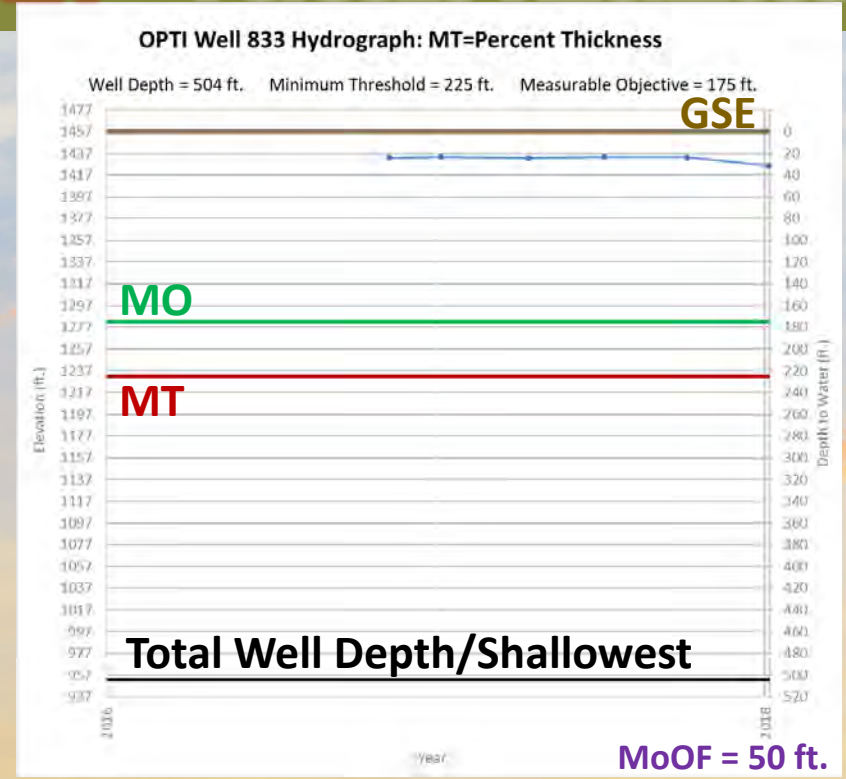
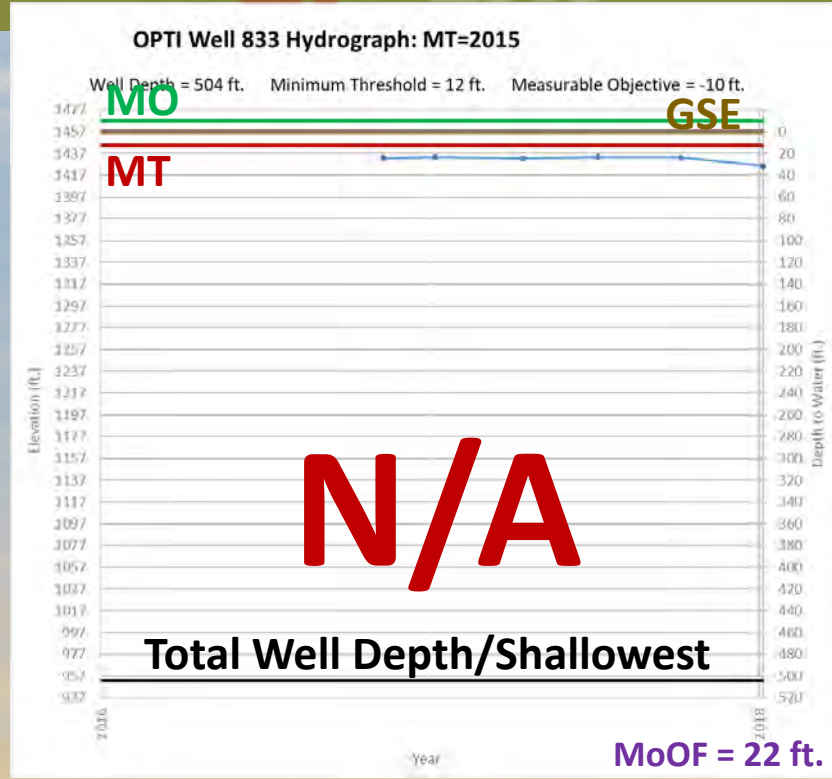
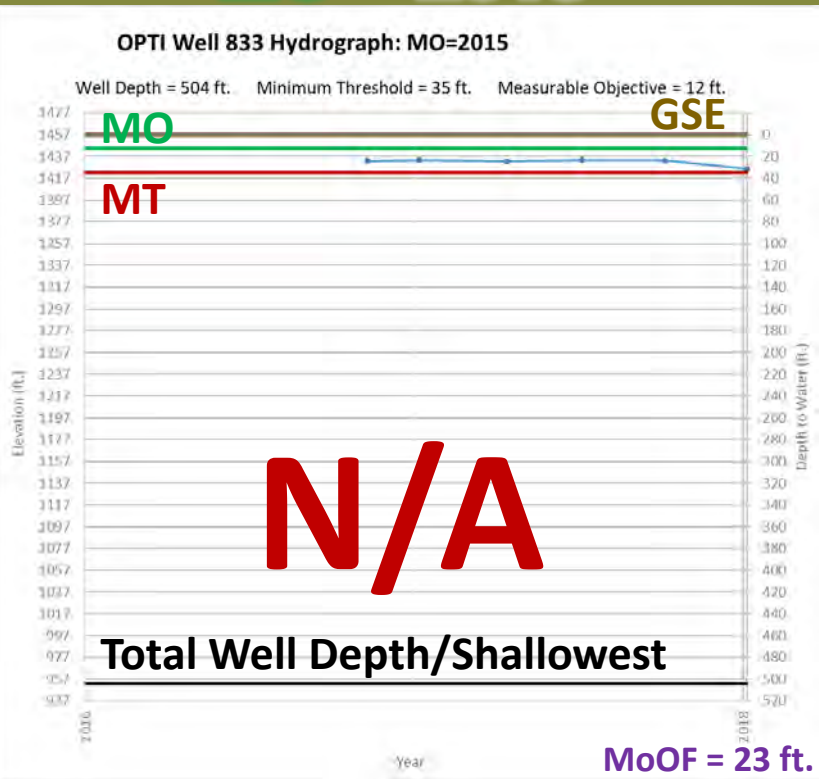


OPTI Well 833

MO = 2015

MT = 2015

MT = Percent Thickness



1 in 5 SAC
Recommended

Northwestern Region

*1 in 5 SAC
Recommend 2018 as MO, 5
years of storage down to MT

3 in 5 SAC
Recommended

