



(DRAFT DATE MARCH 3, 2021)
(REDRAFT DATE MARCH 29, 2021)

INDIAN WELLS VALLEY GROUNDWATER AUTHORITY
(IWVGA)
REPORT FORM
FOR A
SHALLOW WATER SUPPLY WELL
NEGATIVELY IMPACTED BY CHRONIC
OVERDRAFTING OF GROUNDWATER
IN THE IWV BASIN

The IWVGA has approved the first phase of the “Shallow Well (Impacts) Mitigation Program”, Project No. 4 of the Authority’s Groundwater Sustainability Plan (GSP), January 2020. Phase one includes development of the “Program” and initial “Outreach, Identification and Evaluation.”

This “Report Form” is part of the “Outreach, Identification and Evaluation” for potentially negatively impacted shallow wells, occurring “after February 1, 2020”, per the GSP. This Mitigation program is intended to apply only to a qualified well failure due to negative impacts related to the Basin overdraft. This program will not provide funds or other support for the routine maintenance of a well, such as pump motor, drop pipe or drop wire replacement. All of the surface-related pumps, controllers, and storage tanks remain the sole responsibility of the owner.



The written Shallow Well (Impacts) Mitigation Program is being prepared by the IWVGA staff, it will be reviewed by the TAC and reviewed for adoption by the IWVGA Board. In accordance with the GSP, the evaluation process will include but not be limited to, an analysis of the following: (Note: (WO) indicates Well Owner responsibility and (GA) indicates Groundwater Authority responsibility.)

a) “Well Owner, Well and Well Hardware Identification and Description” (WO) Identification of the well owner, well location, well pump hardware and well pumping history. Well depth as drilled and casing and screen lengths installed? Depth of the pump intake as last installed? Depth to top of Screen, any unusual formation materials noted in the driller’s log, at the depth of the screen installation? Is this well declared to be de minimis?

b) “Nature of the Subject Well Failure” (WO) What is the nature of the well failure? Is the well failure a pumping failure or of a water quality nature? Has the well been inspected by a qualified well maintenance technician? Has the pumping unit been pulled and inspected? Is a recent water quality report available from a certified laboratory? What findings have been made?”

c) “Historical and Current Groundwater Levels and Quality and Potential Nearby Well Influences at the Subject Well Site” (GA) Establishment of the past and current groundwater levels, quality and trends in the area of the well under consideration. Where are other nearby wells located in relationship to this well? Are any of these production wells? If there are nearby production well(s) what is their pumping schedule and groundwater level effects? How much of the negative impacts observed are Basin wide effects?

d) “Relationship Between the Observed Well Failure and Groundwater levels and Quality Changes” (GA) Given the stated well failure noted in b) above and the circumstances found in the groundwater level and water quality noted in c) above, what



is the likely loss of efficiency or performance reduction to be expected? How does this behavior relate to the observed failure?

e) “Written Technical Analysis of the GA Responsibility to Effect a Repair of the Subject Well” (GA) How does the original well design, construction and age affect the findings of b), c) and d) above? What is the percentage of the owner’s responsibility for this failure? What is the GA recommendation for repair of this well failure?

DISCLAIMER: The IWVGA is under no legal obligation to fund or mitigate any negatively impacted wells in the Indian Wells Valley, regardless of the cause of the impact(s). Submission of this Report Form is for information purposes only and does not obligate the IWVGA to any mitigation costs or other support. The IWVGA may request additional information to supplement your completed Report Form, if it is not deemed complete. All information and data submitted to the IWVGA, related to this Report Form will remain confidential as permitted pursuant to the California Public Records Act , unless release is authorized, or the IWVGA addresses potential mitigation at a public meeting. Any shallow well mitigation plans addressed by the IWVGA will be held at a public meeting and will require public release of information and data related to your completed Report Form. The information requested below is consistent with the Notice of Groundwater Extraction Reporting for Pumping Verification – Questionnaire 1. In addition, the State of California Household Water Supply Shortage Report Form was used.

Please provide as much complete information as possible to expedite IWVGA review.

1. Please provide information on (at least one):
 - a. The legal fee title owner of the property in which the subject well is located.
 - b. The legal address of the subject property.
 - c. The Assessor’s Parcel Number (APN)



2. Is your well registered with the State of California? If so, please provide registration information.
3. Is your well registered with the IWVGA? If not, you must register your well before the IWVGA will review or consider your Shallow Well Impact Report.
4. Please provide as much information as you can about your well.
 - a. Date of well construction
 - b. Is your well declared de minimis?
 - c. Written description of well and photographs
 - d. Well log and driller's log, screen lengths, depth of top of first screen, current depth of pump intake
 - e. All available water level measurements
 - f. All available water quality information
 - g. All available pumping quantity information, including any available meter readings – monthly and annual
5. Please provide information on any and all maintenance, repair and improvements to your well since original construction and operation, and who performed to work.
 - a. Well casing refurbished, cleaning, scraping, jetting, redeveloping
 - b. Well casing modified or deepened
 - c. Pumping equipment maintenance, repair, improvements and replacements (size, intake depth, year)
 - d. Pumping equipment and pump bowl modifications and relocation (year and depth)
 - e. All other well and pumping equipment work, including any treatment or filters.
6. Please describe in detail the issues/problems your well is experiencing.
 - a. Well water and household fixtures contain sand, sediment, mud, other
 - b. Well pumps air (pump intake may/may not be lowered)
 - c. Well water quality has deteriorated – explain and provide available water quality data (period of water quality deterioration)
 - d. Well water static water levels have reduced or are reducing



- e. Well pumping flow rate has reduced – provide the amount of reduction and period of time
- f. Any other negative well impacts you can provide

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