



Pursuant to Resolution 2021-113, specifically Paragraph 12, if a participant in the Allocation Approach intends to appeal the County GSA determined ETAW, the following process will be followed:

1. The appellant shall provide: The following two reports for all flow meters associated with all wells used to pump groundwater delivered to the irrigated areas subject to the Allocation Approach:
  - 1.1. Installation Inspection Report documenting that the meter is installed and has been maintained per the manufacturer's specifications.
  - 1.2. Certified Calibration Report consistent with the calibration options detailed at <https://www.maderacountywater.com/measurement/>:
    - 1.2.1. Laboratory Certified Calibration Report
    - 1.2.2. Field Certified Calibration Report
2. The appellant shall provide detailed numerical volume data recorded at least monthly during the period being appealed, documenting the totalized volume of groundwater pumped at that location, and shall provide a legible photograph of the flow meter reading associated with each documented measurement period (e.g. a picture each month of the meter's totalized value). This requires a photograph at the start of the year, and a photograph each month throughout the year, even if the volume produced since the prior photograph is zero.
  - 2.1. For any month where a flow meter reading photograph is not available to document zero flow for that period, the following options are accepted:
    - 2.1.1. For electric pumps: the appellant shall provide a copy of the electrical power supplier bill indicating zero power usage during the period not documented by a photograph. An electric bill showing power usage greater than zero is not an acceptable alternative for the flow meter photograph.



- 2.1.2. For diesel pumps: the appellant shall provide a copy of a valid Rule 1160 emissions report sent to San Joaquin Valley Air Pollution Control District, which confirms that the diesel engine was not operated during subject period. An emissions report showing engine operation hours greater than zero is not an acceptable alternative for the flow meter photograph.
  - 2.2. Data files from telemetry services will be accepted in place of monthly photos, if the following requirements are met:
    - 2.2.1. Access Requirements for Appealed Areas:

Madera County GSA personnel must have complete and direct access to all flow data for all groundwater wells serving the appealed areas by providing Madera County GSA personnel with a direct telemetry service interface link and password(s).
    - 2.2.2. Telemetry Service Data Requirements for All Groundwater Wells Serving Appealed Area:
      - Map showing locations of all groundwater wells serving all the parcels listed in the most recent Madera County GSA Master Account Groundwater Allocation Report.
      - Date and Time: Measurements should be recorded with date and time stamps, at daily intervals or higher frequency.
      - Flow Rate: Measurements should be reported in cubic feet per second (cfs) or gallons per minute (gpm).
      - Cumulative Volume: Data must include cumulative volume in acre-feet.
      - Daily Averages and Monthly Totals: Provide at least daily average measurements for each day and cumulative monthly acre-feet values by month for the entire year.
      - Ensure there are no significant gaps in the data.
3. The appellant shall provide:
  - 3.1. A detailed and legible map of the area irrigated by the volume of water being measured by the flow meter. The map can be submitted in hard copy or digital format (e.g., PDF, Google Earth KMZ, or shapefile), with a preference for digital. The map shall make clear:
    - 3.1.1. Which fields are irrigated by water produced by which well and measured by which associated flow meter.
    - 3.1.2. Irrigated area of each field in acres.
    - 3.1.3. Crop in each field and age of permanent crop, if present.

3.2. Description of the irrigation system type on each field.

4. The appellant shall provide Madera County GSA personnel access to physically inspect all wells and supporting measuring devices and all lands of the appealed areas.
5. If water sources other than groundwater are used to irrigate the area, such sources shall be accurately measured and such accounting provided by the appellant to the County GSA. Documentation from certified flow meters measuring surface diversions or records from the water supplier should be included. Importantly, there cannot be any other unmeasured water applied to the irrigated area.
6. The appellant will electronically submit their documentation for appeal to an independent third party:
  - 6.1. All of the aforementioned requirements will be submitted as a single, complete submission no later than March 1 for the prior year.
  - 6.2. Submission will be sent via Email to both:
    - 6.2.1. [MaderaCountyGSAappeals@GElconsultants.com](mailto:MaderaCountyGSAappeals@GElconsultants.com) and
    - 6.2.2. [wnr@maderacounty.com](mailto:wnr@maderacounty.com).
7. The independent third-party will:
  - 7.1. Inventory the information received.
  - 7.2. Evaluate the submitted data.
  - 7.3. Reply via email to the appellant with a copy to [wnr@maderacounty.com](mailto:wnr@maderacounty.com) with a technical memorandum indicating approval or non-approval and providing a basis for the decision.
8. The third party's acceptance or denial of the appeal will be final.