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## DEPARTMENT OF RESOURCE MANAGEMENT



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### Environmental Health Division

June 12, 2023

#### **Water Well Application Addendum**

(Except for water wells producing less than 2-acre feet per year for individual domestic purposes; public water supply wells, or like- for-like replacement wells)

Since April 21, 2021, a series of State Emergency Proclamations and Executive Orders issued by Governor Gavin Newsom to address groundwater impacts caused by drought have provided additional water well permitting requirements to local agencies. Specifically, Executive Order N-10-21, N-7-22, N-3-23, N-4-23, and N-5-23, including language for interagency advocacy for all people to clean and safe drinking water and to mitigate the effects of drought conditions, therefore, requires additional review by the Solano County Environmental Health Division prior to permit issuance for large volume, non-public water wells to ensure they do not negatively impact nearby wells, cause ground subsidence that would impact infrastructure, and ensure that the well is in conformance with any applicable Groundwater Sustainability Plan.

**To assist Environmental Health in making an informed determination, this Water Well Application Addendum is required to be submitted with all water well permit applications, except for applications for the following:**

- 1. Individual domestic well drawing less than 2-acre feet per year (this would apply to most private wells serving a home).**
- 2. Public municipal supply well.**
- 3. A like-for-like replacement well with no change in the amount of groundwater drawn.**

Upon receipt of a water well application, Environmental Health will forward the application to the appropriate Groundwater Sustainability Agency (GSA) if the proposed well is located within a medium- or high-priority groundwater basin. The GSA must determine that the proposed well is consistent with the sustainable groundwater management plan/program adopted by that GSA to concur with permit issuance. Solano County Environmental Health will work with the appropriate GSA to conduct these reviews in a timely manner.

Environmental Health will also review the application to ensure the proposed water well meets the required setbacks from other wells as shown on the following page. If the setbacks cannot be met, then the applicant shall have a licensed professional (Hydrologist, Geologist, or Engineer with hydrology specialty) prepare and submit a report with a determination that the proposed new well will neither 1) interfere with the production and functioning of existing nearby wells, and 2) cause subsidence that could adversely impact nearby infrastructure. Based on the specific information provided in the well permit application and location of the well, Environmental Health may require a report to be submitted for wells that meet these setbacks.

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**For all new non-domestic and non-public water wells, please provide the following additional information along with your water well permit application:**

- **New or Replacement?** If replacement – describe why
- **Dry or low water level? complete [My dry well reporting form](https://mydrywell.water.ca.gov/report/public/form)** (<https://mydrywell.water.ca.gov/report/public/form>)
- **Proposed Well Use**
  - Agricultural/Irrigation
  - Application area (acreage)
  - Commercial
  - Industrial
  - Proposed Well Casing Diameter (in inches)
- **Well Survey** - Provide a map showing all existing water wells within 1000 feet of the proposed well. The survey shall be presented in GIS shapefile or other acceptable electronic format and include the following:
  - Well locations (GPS coordinates – lat/long)
  - Use of each well (domestic, municipal, agricultural, or other), if other, describe
  - Age, completed depth & construction log (if available)
  - Well status (active, inactive)
- **Dry Well Reporting** – provide any reported dry or failing wells within 1500 feet surrounding the proposed well
  - Date reported and use of well
  - Location of dry well
  - How the dry well was reported? (State website or other)
- **Required Setbacks for New Wells-**
  - 500 feet from existing non-domestic and non-public water system wells
  - 1000 feet from domestic and public water wells
  - 1500 feet from any historic or currently reported dry wells
- **If the required setbacks cannot be met, then a report must be prepared, signed, and submitted by a licensed Hydrologist, Geologist or PE with Hydrology Specialty, confirming their determination that:**

*The proposed new well is not likely to interfere with the production and functioning of existing nearby wells, nor likely to cause subsidence that may adversely impact nearby infrastructure.*

Based on the specific information provided in the well permit application and location of the well, Environmental Health may require a report to be submitted for wells that meet these setbacks.

If the above report is required, Environmental Health staff will be available to work with your licensed professional to discuss the data and information that should be included in the report.