

**New and/or Replacement Production Well Installation Verification Procedures
Within the Santa Monica Subbasin
Santa Monica Basin Groundwater Sustainability Agency
Adopted April 26, 2023**

- 1) Proposed well owner shall contact Los Angeles County Department of Public Health and the Santa Monica Basin Groundwater Sustainability Agency (“GSA”) GSA Secretary, in writing, in order to coordinate Groundwater Sustainability Plan (“GSP”) consistency analysis and GSA Board review.
- 2) Proposed well owner shall prepare and submit a hydrogeologic report to the GSA that includes, at a minimum, the following:
 - a) Site location map, at a scale that is sufficient to locate the property on which the well will be drilled and location of the well on the property.
 - b) Documentation of whether this is a new well or a replacement well.
 - c) The proposed well(s) construction details and expected groundwater production rate.
 - d) The proposed use of groundwater produced from the well.
 - e) A summary of all existing groundwater production well(s) located on and/or associated with the property or APN of the proposed new or replacement well, including:
 - i. Measured or estimated annual historical production volumes, in acre-feet, for each existing well(s). Historical production is defined as the time period from initial well operation to January 1, 2015.
 - ii. Measured or estimated current production volumes, in acre-feet, for each well existing well(s). Current production is defined as the time period from January 1, 2015, to time of the application.
 - iii. Flowmeter information – meter type, measurement precision, calibration history for each flowmeter associated with the property.
 - iv. Measured historical (from the time the well was constructed until January 1, 2015) and current (from January 1, 2015, through the time of the application) groundwater elevations for each well associated with the property.
 - f) Confirmation that:
 - i. The proposed well will be instrumented with a flowmeter prior to operation of the well.
 - ii. Metered extractions will be reported to the GSA for the period from October 1 through March 31 and for the period from April 1 through September 30 each water year. The October 1 through March 31 extractions will be reported to the GSA by April 30 and the extractions from April 1 through September 30 will be reported to the GSA by October 31.
 - iii. All existing groundwater production wells located on and/or associated with the property or APN of the proposed new or replacement well will be instrumented with a

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flowmeter within six months of receiving approval to drill the new or replacement well from Los Angeles County and that production volumes from these will be reported to the GSA by April 30 for the six-month period from October 1 through March 31, and by October 31 for the six-month period from April 1 through September 30.

- g) Proximity to nearest known groundwater contamination site(s) and documentation of contaminants of concern for each site.
 - h) Proximity to nearest groundwater dependent ecosystem, or potential groundwater dependent ecosystem in the Natural Communities Commonly Associated with Groundwater (NCCAG) database: <https://gis.water.ca.gov/app/NCDatasetViewer/>.
 - i) Proximity to disadvantaged communities in the Santa Monica Subbasin (<https://sgma.water.ca.gov/webgis/?appid=SGMADataViewer#boundaries>).
 - j) Confirmation of CEQA compliance.
 - k) Well operation and maintenance plan including:
 - i. Plan to inform the GSA of transfer of ownership of the well and contact information for the new owner.
 - ii. Estimated length of service of the proposed well.
 - iii. Plan for retiring and destroying the well at the end of service.
 - l) Additional items may be required, as necessary, to ensure compliance with the Santa Monica Basin Groundwater Sustainability Plan and/or the Sustainable Groundwater Management Act.
- 3) The owner of the proposed well has the option to make a short presentation at a regular Board Meeting to summarize the hydrogeologic report. This optional presentation is in addition to, and does not affect, remove, invalidate, or in any way lessen, the requirement to prepare and submit a hydrogeologic report as required under Procedure No. 2.
- 4) The hydrogeologic report received by the GSA will be reviewed by the GSA and/or a consultant contracted by the GSA within 30 business days of receiving a complete report and payment for the evaluation. The review will include:
- a) An evaluation of the estimated drawdown resulting from well operation including:
 - i. Overlap with existing production wells.
 - ii. Overlap with disadvantaged communities.
 - iii. Overlap with domestic wells.
 - iv. Overlap with potential or known groundwater dependent ecosystems.
 - b) An assessment of:
 - i. Whether the well is likely to cause exceedances of the minimum thresholds for groundwater elevations.

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- ii. Whether the well is likely to cause exceedances of the minimum thresholds for seawater intrusion, as measured by chloride concentration in the groundwater, in the Subbasin.
 - iii. The potential impact on migration or remediation of a known area of groundwater contamination.
 - iv. Whether the proposed production is likely to cause an exceedance of the sustainable yield of the Subbasin.
- c) A recommendation on consistency of the proposed well with the adopted Groundwater Sustainability Plan for the Santa Monica Subbasin.
- 5) The GSA and/or consultant contracted by the GSA will prepare a technical report that summarizes the findings and recommendations of the review, verifying whether the proposed new and/or replacement wells are consistent with the adopted Groundwater Sustainability Plan for the Santa Monica Subbasin.
- a) Well(s) that are found to be consistent with the GSP will be required, at a minimum, to:
 - i) Report groundwater extractions to the GSA by April 30 (for the period from October 1 through March 30) and October 31 (for the period from April 1 through September 30) each year.
 - ii) Report total dissolved solids (TDS), sulfate, chloride, boron, nitrate, and total coliform bacteria by October 31 (for the period from October 1 through September 30 of the prior water year) each year.
 - b) Additional monitoring requirements may be imposed, including but not limited to installation of dedicated monitoring wells, to ensure groundwater production is not interfering with existing groundwater remediation programs in the Subbasin, groundwater production is not inducing the migration of contaminant plumes, and that groundwater elevations are maintained above the minimum thresholds set in the GSP.
- 6) The GSA and/or consultant contracted by the GSA will present its findings and recommendations to the GSA for review during a public hearing where the applicant is provided an opportunity to make a short presentation or comment on their position.
- 7) Following the public hearing, the GSA will confirm or reject the requested verification. The vote must be unanimous, per GSA voting guidelines.
- 8) Estimated costs for the well consistency evaluation were determined based on proposed groundwater production volumes. These costs are based on the estimated time required to evaluate an individual permit application. The estimated costs will be updated annually.
- a) Wells expected to produce between 2 AFY and < 50 AFY - \$10,000
 - b) Wells expected to produce between 50 AFY and < 100 AFY - \$15,000
 - c) Wells expected to produce between 100 and < 500 AFY - \$30,000
 - d) Wells expected to produce greater than or equal to 500 AFY - \$50,000