

Clean Water Summit Partners



Agency Electronic Boundary Mapping

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A New Requirement of the 2022 Reissued WDR General Order

Summary of the requirement:

- By July of 2025, each agency must submit to the State Board an electronic map of the outside boundaries of their service area.
- The boundary map is in addition to the sewer system map requirements in previous General Orders as well as this reissued 2022 General Order.
- Technical specifications for the boundary maps will be issued to agencies by the State by June 5, 2023.
- Annual report submissions require inclusion of updated sewer system service area boundary map, if service area boundary has changed from original map submitted.

SanitarySewer@waterboards.ca.gov.

Affected Sections of the 2022 Reissued WDR Order Section ID:

- In the General Order, on page 26:

5.14. Electronic Sanitary Sewer System Service Area Boundary Map

- *For continuing enrollees, starting on July 1, 2025, and no later than December 31, 2025:*
- *For new enrollees – no earlier than July 1, 2025, or within 12 months of the Application for Enrollment approval date, whichever date is later:*
- *The Legally Responsible Official shall submit, to the State Water Board, geospatial data detailing the locations of the Enrollee's sanitary sewer system service area boundary, per the required content and specifications in section 3.8 (Electronic Sanitary Sewer System Service Area Boundary Map) of Attachment E1 of this General Order, for each system identified by a WDID number.*
- *An Enrollee of a disadvantaged community that may need assistance developing an electronic map to comply with this requirement, may contact State Water Board staff for assistance at SanitarySewer@waterboards.ca.gov.*





Affected Sections of the 2022 Reissued WDR Order Section ID:

- In Attachment E1, Notification, Monitoring, Reporting And Recordkeeping Requirements, page E1-17:

3.8. Electronic Sanitary Sewer System Service Area Boundary Map

- *The Legally Responsible Official shall submit, to the State Water Board, an up-to-date electronic spatial map of its sewer system service area boundaries.*

The map must be in accordance with section 5.14 (Electronic Sanitary Sewer System Service Area Boundary Map) of this General Order and the specification provided on the statewide Sanitary Sewer Systems program website. The map must include the location of wastewater treatment facility(ies) that treats the sewer system waste, if in the same sewer service boundary.

- *By the Effective Date of this General Order, specifications for the electronic sanitary sewer service area boundary map format will be provided on the statewide Sanitary Sewer Systems Order program website.*



Affected Sections of the 2022 Reissued WDR Order Section ID:

- In Attachment E1, Notification, Monitoring, Reporting And Recordkeeping Requirements, pages E1-17 and 18:

(among other items)

- *3.9. Annual Report (Previously termed as Collection System Questionnaire in General Order 2006-0003-DWQ)*

Updated sewer system service area boundary map, if service area boundary has changed from original map submitted per section 5.14 (Electronic Sanitary Sewer System Service Area Boundary Map) of this General Order;



FAQ's: Electronic Boundary Mapping

- Q: What electronic mapping (GIS) file format(s) can we use to create the electronic boundary map?

A: The State Board IT staff will issue the list of formats by June 5, 2023, including standard formats such as:

- SHP - used by ESRI
- KML/KMZ - used by Google Earth
- GeoJSON – a widely used common source format
- Other requested formats, per evaluation by the State staff



FAQ's: Electronic Boundary Mapping

- Q: We don't have a GIS or mapping staff – or the resources to establish one. What can we do to produce the map?

A: You'll find assistance info shown in Section 5.14:

“An Enrollee of a disadvantaged community that may need assistance developing an electronic map to comply with this requirement, may contact State Water Board staff for assistance at SanitarySewer@waterboards.ca.gov.”



FAQ's: Electronic Boundary Mapping

- Q: Our agency's sewer system map (already required by this Order) is already in a GIS. Why can't we just submit an electronic copy of my sewer system map as the boundary map?

A: An electronic version of an agency's sewer system map will contain hundreds – or more likely thousands – of data items, which has the effect of creating very large files that are not necessary or desirable when assembling a statewide matrix of boundary maps.

This doesn't mean you can't pursue the commonsense solution of electronically lifting the boundary lines out of your agency's system map to create a slim boundary file for submission.

FAQ's: Electronic Boundary Mapping

Q: My agency has an interceptor main line (or force main) that crosses through another agency's service area in order to reach a treatment plant or pump station.

Should my boundary file show a narrow extension of our service area to indicate the interceptor (or force main) overlapping into the neighboring agency's service area?

A: The general intention of the boundary maps is to address drainage patterns of spills and to record the geographic reach of agencies. How to depict "traveling" interceptors or force mains is a policy item that will be addressed by the State Board as it develops technical specifications for mapping.



Questions?

Please insert any questions you have into the Zoom Q&A feature on your web browser.

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