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North Bay Aqueduct

Output Performance Measure 6.3, Last updated: July 17, 2020 | [About this Measure](#)

North Bay Aqueduct

The North Bay Aqueduct Alternate Intake Project is on hold. Construction is not proceeding.

The Measure

North Bay Aqueduct Alternate Intake Project is implemented to improve water quality, protect native species, and to provide reliable water deliveries.

EXPECTATIONS

Construction of the North Bay Aqueduct Alternate Intake Project (NBA AIP) provides long-term water quality improvement and reliable deliveries to the NBA water contractors.

PERFORMANCE METRICS

- Project Status

North Bay Aqueduct Alternate Intake Project Progress

Next Data Update: Updates will be provided if the project resumes.

^ 2018	PROJECT ENVIRONMENTAL IMPACT REPORT No specific completion date for the environmental impact report (EIR). Deadline: 2012-07-01
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Administrative Performance Measure

Tracking the status of the project EIR is a Delta Plan administrative performance.

It is tracked on the Council's Administrative Dashboard.

About this measure



The North Bay Aqueduct Alternate Intake Project (NBA AIP) will provide long-term water quality improvements and reliable deliveries to the NBA water contractors. The project will support operational flexibility to reduce effects on listed species and critical habitat in Barker Slough (existing intake location). The project includes constructing a new pumping station on the Sacramento River south of West Sacramento and a pipeline to connect to the existing NBA—providing a second source of drinking water supply.

The current North Bay Aqueduct intake is located in Barker Slough (North West Delta in Solano County) where it is strongly affected by water quality in the local watershed, has the highest average organic carbon concentrations of any Delta municipal water supply intake, and is located in high-quality habitat for listed native fish species.



The North Bay Aqueduct Alternate Intake Project map. The NBA AIP will serve: Solano County: Benicia, Dixon, Fairfield, Rio Vista, Suisun City, Vacaville, and Vallejo. Napa County: American Canyon, Calistoga, and Napa. [The map source \(//www.scwa2.com/home/showdocument?id=918\)](http://www.scwa2.com/home/showdocument?id=918).

Disinfection Byproducts and Organic Carbon

Treatment of public water supplies is necessary to prevent disease caused by pathogenic organisms. However, bromide and organic carbon in municipal water supplies contribute to the formation of harmful disinfection byproducts when water is treated for domestic use. The disinfection products of concern in tap water, such as trihalomethanes, haloacetic acids, and bromates, are carcinogens and are subject to stringent public health standards. Treatment of Delta water is challenging because of the elevated levels of both bromide and organic carbon.

Delta Plan Strategy and Recommendations



Metric, Baseline, and Target



Data Sources, Collection, and Processing



Learn More



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