

## MWQI Discrete and Real Time Sampling: stations, parameters, and frequency

Station #	Stations	Analytes Collected	Frequency
1	Natomas East Main Drainage Canal (NEMDC)	Std. Mineral, nutrients, TOC, DOC, UVA, turbidity, bromide, metals	Monthly
2	American River at EA Fairbarin WTP Intake (AMERICAN)	Std. Mineral, nutrients, TOC, DOC, UVA, turbidity, and bromide	Monthly
3	Sacramento River at West Sacramento WTP Intake (SACWSACINT)	Std. Mineral, nutrients, TOC, DOC, UVA, turbidity, and bromide	Monthly
4	Sacramento River at Hood (HOOD)	<u>Grab Samples:</u> Std. Mineral, nutrients, TOC, DOC, UVA, turbidity, and bromide. <u>Real-time sampling:</u> TOC & DOC, oxidation and combustion.	Bi-weekly grab samples & real- time monitoring station
5	Sacramento River at Mallard Island (MALLARDIS)	Std. Mineral, nutrients, TOC, DOC, UVA, turbidity, and bromide	Monthly
6	San Joaquin River near Vernalis (VERNALIS)	<u>Grab Samples:</u> Std. Mineral, nutrients, TOC, DOC, UVA, turbidity, and bromide. Real-time sampling: TOC & DOC, combustion. Br, Cl, Fl, NO <sub>3</sub> , PO <sub>4</sub> , & SO <sub>4</sub>	Bi-weekly grab samples & real- time monitoring station.
7	Old River at Bacon Island (OLDRIVBACISL)	Std. Mineral, nutrients, TOC, DOC, UVA, turbidity, and bromide	Monthly
8	Old River near Byron Tract (STATION09)	Std. Mineral, nutrients, TOC, DOC, UVA, turbidity, and bromide	Monthly
9	‡ Banks Pumping Plant at Headworks (BANKS)	<u>Grab Samples:</u> Std. Mineral, Turbidity, UVA, TOC, DOC, Bromide, total phosphorous. <u>Real-time sampling:</u> TOC & DOC, combustion. Br, Cl, Fl, NO <sub>3</sub> , PO <sub>4</sub> , & SO <sub>4</sub>	Bi-weekly grab samples & real- time monitoring station.
10	Contra Costa Pumping Plant at Rock Slough (CONCOSP01)	Std. Mineral, nutrients, TOC, DOC, UVA, turbidity, and bromide	Monthly
11	Middle River @ Union Point (MR UNION)	Std. Mineral, Turbidity, UVA, TOC, DOC, Bromide, nutrients	Monthly
12	Jones Pumping .Plant at DMC and at DMC Headworks (DMC)	<u>Grab Samples:</u> Anions., nutrients, TOC, DOC. <u>Real-time sampling:</u> TOC & DOC, combustion.	Bi-weekly grab samples & real- time monitoring station

‡ Samples collected by DWR's Operations and Maintenance (O&M),

Standard Mineral analysis includes: Ca, Mg, Na, K, S, Cl, B, Alkalinity, Nitrate, Dissolved Solids, Specific Conductance.

Standard Nutrient analysis includes: Nitrate + Nitrite, Ammonia, Organic Nitrogen and Ammonia, Total Phosphorus (unfiltered).