

Water Quality Monitoring Plan

The Grantee shall perform surface water quality monitoring¹ when:

- a) Performing any in-water work;
- b) Project activities result, or may result, in discharge to surface waters; or
- c) Project activities result in the creation of a visible turbidity in surface waters.

The sampling as described in Table 1 shall occur upstream and out of the influence of the Project, and 300 feet downstream of the work area. The sampling frequency may be modified with written approval from the Water Board staff person overseeing the Project.

A surface water monitoring report shall be submitted within one week of initiation of in-water construction, and every week thereafter.

The Grantee shall fill out the supplied [Water Quality Sampling Form](#) and return it to their Grant Manager. The report shall include surface water sampling results for each sampling site, parameter, and visual observations made at the time of sampling.

The Grantee shall coordinate with the Grant Manager if they believe there is no sampling required. If it is determined there is no sampling required, the Grantee shall submit a written statement explaining the rationale to the Grant Manager.

Grantees shall follow any additional monitoring requirements and limits in the applicable Regional Water Quality Control Board's basin plan.

The Grantee shall notify their Grant Manager immediately if the criteria set forth in their projects appropriate Regional Water Quality Control Board's basin plan for turbidity, settleable matter, or other water quality objectives are exceeded.

Table 1. Preliminary information needed for Water Quality Monitoring Plan.

Parameter	Unit	Type of Sample	Minimum Sampling Frequency Live Stream	Minimum Sampling Frequency Diversions	Required Analytical Test Method ¹
Turbidity	NTU	In Situ	Every 4 hours during in-water work	During construction/dewatering and removal/rewatering a minimum of 3 samples must be taken each day activities occur (beginning, middle, and end of the activity or day)	2, 4
Visible construction related pollutants ³	Observations	Visual Inspections	Continuous throughout the construction period	Continuous throughout the construction period	—
pH	Standard Units	In Situ	Every 4 hours	During construction/dewatering and removal/rewatering a minimum of 3 samples must be taken each day activities occur (beginning, middle, and end of the activity or day)	2, 4
Temperature	°C	In Situ	Every 4 hours	During construction/dewatering and removal/rewatering a minimum of 3 samples must be taken each day activities occur (beginning, middle, and end of the activity or day)	2, 4
Dissolved Oxygen	mg/L & % saturation	In Situ	Every 4 hours	During construction/dewatering and removal/rewatering a minimum of 3 samples must be taken each day activities occur (beginning, middle, and end of the activity or day)	2, 4

¹Surface water sampling shall occur at mid-depth.

² Pollutants shall be analyzed using the analytical methods described in 40 Code of Federal Regulations Part 136; where no methods are specified for a given pollutant, the method shall be approved by the Water Board staff person overseeing the project.

³ Visible construction-related pollutants include foam, petroleum products, and construction-related, excavated, organic or earthen materials.

⁴ A hand-held field meter may be used (i.e. YSI or similar), provided the meter utilizes a USEPA-approved algorithm/method and is calibrated and maintained in accordance with the manufacturer's instructions. A calibration and maintenance log for each meter used for monitoring shall be maintained onsite.