

**ADDENDUM TO THE
WATER QUALITY ASSESSMENT REPORT**

**FOR THE
INTERSTATE 80/GILMAN STREET INTERCHANGE
IMPROVEMENT PROJECT**

ALAMEDA COUNTY, CALIFORNIA
District 04 -ALA – 80 – POST MILE 6.38 / 6.95
EA 04-0A7700 / Project ID# 0400020155

May 2019

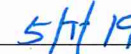
THE STATE OF CALIFORNIA
Department of Transportation
and Alameda County Transportation Commission

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1.1 ADDENDUM SUMMARY OF CHANGES

This addendum updates the previous regulatory section of the report (August 3, 2018) on the California Department of Transportation (Caltrans) National Pollutant Discharge Elimination System (NPDES) permit requirements to include an amendment, which was adopted on November 27, 2017, to the permit to address the need for trash control compliance regulations. This addendum is also provided to describe further details on the sources of the local stormwater treatment requirement guidelines used per the Section 401 Water Quality Certification based on comments received from the Caltrans District 4 Office of Water Quality.

The permit amendment language was added to Section 2.2.3.1 of Chapter 2. Regulatory Section, and the stormwater permit reference was revised in Chapter 6. References. Trash control devices were already being considered and are mentioned in Section 4.2.1.3 of the previously approved Water Quality Assessment Report. Therefore, these revisions do not trigger any additional need for analysis of potential impacts to the project and already include the required project features (the project's requirements under the California Environmental Quality Act [CEQA], the project's avoidance, minimization and/or mitigation measures, etc.) in the report.

1.2 Updates to August 2018 Water Quality Assessment Report

The following sections will replace the sixth paragraph in the Executive Summary:

The Project proposes work within Caltrans' ROW, the City of Berkeley's ROW, and Golden Gate Fields, located in the City of Albany's ROW, and therefore, the Project would be subject to the Caltrans NPDES Permit (Order No. 2012-0011-DWQ) and the San Francisco Bay Municipal Regional Permit (Order No. R2-2015-0049). Treatment BMPs would be required under these permits, because the overall Project would create and/or replace one acre or more of impervious area within Caltrans' ROW, and create and/or replace 10,000 square feet (0.23 acre) or more of impervious roadway surface within the City of Berkeley's and City of Albany's ROWs. These permits include requirements for implementation of permanent best management practices (BMPs) to avoid impacts to water resources. Feasible treatment BMPs for this Project include bioretention devices, basins, media filters, and tree well filters. Per an amendment to the Caltrans NPDES Permit: State Water Resources Control Board (SWRCB) Order No. 2017-0026-EXEC (effective November 27, 2017), the Project must also implement trash control measures to meet trash compliance regulations. Because the Project is anticipated to apply for a Section 401 Water Quality Certification with the San Francisco Bay Regional Water Quality Control Board, the Project in Caltrans' ROW is required to consider the Alameda County hydromodification assessment criteria per the *Memorandum of California Department of Transportation Post-Construction Stormwater and Hydromodification Standards* (San Francisco Bay RWQCB 2008). Per the Alameda County Clean Water Program's Hydromodification Susceptibility Map Application, the majority of the Project area is within an area that is tidally influenced or primarily depositional. The portion of 4th and 5th Streets along Harrison Street is within the Codornices Creek's special consideration area; however, the Project does not propose adding impervious area to these streets. Although the Project would increase the impervious area from the pre-project condition, hydromodification impacts are minimal or not anticipated.

The following section will replace the second paragraph in Section 2.2.3.1 Municipal Separate Storm Sewer Systems (MS4):

The Department MS4 Permit, NPDES No. CAS000003, SWRCB Order No. 2012-0011-DWQ (adopted on September 19, 2012 and effective on July 1, 2013), as amended by Order No. 2014-0006-EXEC (effective January 17, 2014), Order No. 2014-0077-DWQ (effective May 20, 2014), Order No. 2015-0036-EXEC (conformed and effective April 7, 2015), and Order No. 2017-0026-EXEC (effective November 27, 2017) contains four basic requirements:

1. The Department must comply with the requirements of the CGP (see below);
2. The Department must implement a year-round program in all parts of the State to effectively control stormwater and non-stormwater discharges;
3. The Department stormwater discharges must meet water quality standards through implementation of permanent and temporary (construction) BMPs to the Maximum Extent Practicable, and other measures deemed necessary by the SWRCB and/or other agency having authority reviewing the stormwater component of the project; and
4. The Department must implement trash control measures to meet trash regulation compliance.

The following section will replace Section 2.3.3 San Francisco Bay RWQCB Section 401 Water Quality Certification:

The Project would require a Section 401 Water Quality Certification for work at the Gilman Street outfall. Per the *Memorandum of California Department of Transportation Post-Construction Stormwater and Hydromodification Standards* (CIWQS Place No. 212806 [BT]) (San Francisco Bay RWQCB 2008), the San Francisco Bay RWQCB requires Caltrans District 4 projects that are subject to a Section 401 Water Quality Certification to design bioretention devices for full stormwater treatment and implement hydromodification assessment and management measures, if applicable, per the local city/county stormwater design criteria. The ACCWP's *C.3 Stormwater Technical Guidance* would be used for the bioretention device design and hydromodification assessment. These requirements are discussed in Section 4.2.1.2 and Section 4.2.1.5, respectively.

The following reference is modified in Section 6 References.

State Water Resources Control Board. (November 27, 2017). *National Pollutant Discharge Elimination System (NPDES) Statewide Storm Water Permit for State of California Department of Transportation*. Order No. 2012-0011-DWQ, amended by Order No. 2017-0026-DWQ.