

Addendum No. 1 to the  
**MARYSVILLE WASTEWATER TREATMENT  
COMPLIANCE**

Initial Study/Mitigated Negative Declaration  
(State Clearinghouse No.2012122018)

Prepared for:  
City of Marysville

March 2016





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# CHAPTER 1

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## Introduction

This document is an Addendum to the 2012 Initial Study/Mitigated Negative Declaration (2012 IS/MND) prepared for the Marysville Wastewater Treatment Compliance Project (project) (SCH No. 2012122018). The 2012 IS/MND evaluated the potential environmental effects of the construction of improvements to convey City of Marysville (City) raw wastewater from the Marysville Wastewater Treatment Plant (WWTP) to the Linda County Water District (LCWD) Regional Wastewater Facility (Regional WWTF) for treatment. The project includes construction of a new wastewater conveyance pipeline between the WWTP and Regional WWTF, upgrade of pumps and screens at the WWTP, decommissioning of existing percolation/evaporation ponds at the WWTP, and upgrades to the Regional WWTF, including updating the discharge pipelines and outfall into the Feather River. On February 19, 2013, the City certified the 2012 MND. Subsequently, the City approved the project on [DATE]. Notice of Determination was subsequently filed on August 25, 2014 by the City, which acted as Lead Agency pursuant to the California Environmental Quality Act (CEQA) (*CEQA Guidelines* Title 14, California Code of Regulations, Section 15300 et. seq.). The proposed amendments analyzed in this Addendum include minor pipeline alignment changes.

The project is currently under construction. As of January 2016, pipeline, all air relief valves, and drain assemblies that extend from the flood control levee south of the Yuba River in the community of Olivehurst to the terminus of Myrna Avenue in the vicinity of the Linda County Wastewater Treatment Facility have been constructed. Additionally, at the 2<sup>nd</sup> and F Street Pump Station, underground utilities have been located, underground conduits have been installed, and the new bar screen washer and compactor unit at the headworks have been installed.

The 2012 IS/MND considered the environmental consequences of implementing the project. As with preparation and certification of the 2012 IS/MND, the City of Marysville is the lead agency under the CEQA for purposes of this Addendum. The purpose of this Addendum is to consider the potential effects of proposed project amendments. Hereinafter, the term “project” and “approved project” refers to that approved within the 2012 IS/MND, the “amended project” refers to modifications to the project, as proposed and analyzed under this Addendum.

This Addendum considers the potential environmental effects associated with amended project which were made subsequent to the certification of the 2012 IS/MND and approval of the project by the City. These modifications were made in order to avoid sensitive resources to the extent feasible and to facilitate U.S. Army Corps of Engineers proposed levee fortification activities in the vicinity of the project site. The amended project includes adjustments to the alignment of proposed wastewater conveyance pipeline in areas north of the Yuba River crossing, the Yuba River floodplain (south of the river), and the Feather River floodplain. The 2012 IS/MND project

and the amended project alignment is shown on **Figure 1**. All other project components, including operational activities, are consistent with those analyzed in the 2012 IS/MND.

The City has prepared this Addendum pursuant to CEQA Guidelines Section 15164, to describe modifications to the Project and to evaluate whether the modifications present any new potential impacts not identified in the 2012 IS/MND that would require preparation of a subsequent or supplemental negative declaration, or EIR. As documented in analysis presented below, the amended project would not result in substantial changes that warrant preparation of a subsequent or supplemental negative declaration, or EIR pursuant to Sections 15162 or of the CEQA Guidelines.



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# CHAPTER 2

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## Project Overview

The project is located in western Yuba County in the southwestern portion of the City of Marysville, and within the western portion of the community of Linda, California. Project facilities and operations associated with the WWTP are located near the Yuba River, just east of the confluence with the Feather River, on public roadways through the communities of South Yuba, Olivehurst, and Linda, and along the eastern bank of the Feather River downstream of the Yuba River confluence. Additionally, facilities associated with the Regional WWTF would be located to the east of the existing flood control levees that flank the Feather River. The new effluent discharge pipeline and outfall would be installed within the floodplain and primary channel of the Feather River, respectively. Figure 1 shows an overview of the project area.

The City's WWTP, which serves users within the City limits, is operated under Waste Discharge Requirement (WDR) No. 5-01-071, issued by the Central Valley Water Quality Control Board (CVWQCB). The WDR requires the City to operate the WWTP such that inundation or washout does not occur during flood and/or storm events with a 100-year annual return period (i.e., one percent annual chance of occurrence). Because the WWTP percolation/evaporation ponds are subject to periodic inundation during flood events, the CVWQCB determined that the ponds are not in compliance with the WDR, and issued a series of Cease and Desist Orders. To comply with the Cease and Desist Order (No. R5-2009-0014), the City has decided to cease operation of its existing WWTP and instead convey City wastewater to the Regional WWTF. Wastewater would be conveyed along a new pipeline that would connect the WWTP facilities to the Regional WWTF. Following pipeline construction, existing wastewater treatment operations at the Marysville WWTP would cease, except for the screening of wastewater prior to pumping and conveyance to the Regional WWTF. The City would decommission the existing percolation/evaporation ponds and other unneeded WWTP components. In addition to the conveyance pipeline, a series of upgrades to the Regional WWTF are required, including an update to discharge pipelines and Feather River outfall.

Project components approved in the 2012 IS/MND are described below. Section 4.0 of this Addendum provides a description of modifications proposed under the amended project.

- **Main Pump Station.** The approved project includes replacement of the pumps, motors, and associated appurtenances to expand the capacity of existing pumps from 5 million gallons per day (MGD) 10 MGD.
- **Marysville Treatment Facilities.** The approved project includes removal or extensive modification to existing WWTP facilities. The existing secondary clarifier and sludge drying beds would be modified for use as equalization and emergency wastewater

storage, and minor modifications would be made to the existing chemical feed facilities. The remaining existing WWTP facilities would be demolished.

- **Conveyance Pipelines.** The approved project proposed to use a combination of new and existing pipelines to convey raw wastewater from the WWTP to the Regional WWTF.
- **Updates to the Regional WWTF.** The approved project includes installing a flow meter and sampling station to monitor raw wastewater flows into the Regional WWTF.
- **Outfall Construction.** Under the approved project, the existing 18-inch diameter existing pipeline would be removed and replaced with a new 30-inch diameter pipeline. The new discharge pipeline would extend from the water side of the flood control levee located west of the Regional WWTF to the Feather River. At the end of the pipeline, a submerged outfall structure would also be installed.

## CHAPTER 3

### Purpose of Addendum

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Under CEQA, an Addendum to an adopted negative declaration may be prepared by either a lead or responsible agency if only minor technical changes or additions are necessary, but none of the conditions calling for preparation of a subsequent or supplemental negative declaration have occurred (*CEQA Guidelines* Section 15164). Although there is no specific format required, CEQA recommends that a brief explanation of the decision to prepare an Addendum rather than a subsequent or supplemental negative declaration be included in the record for a proposed project (*CEQA Guidelines* Section 15164(e)). Once a negative declaration has been adopted, a subsequent or supplemental negative declaration is only required when the Lead Agency determines that one of the following conditions has been met (*CEQA Guidelines* Section 15162(a)):

- (1) *Substantial changes are proposed in the project which will require major revisions of the previous negative declaration due to the involvement of new significant environmental effects or a substantial increase in the severity of previously identified significant effects;*
- (2) *Substantial changes occur with respect to the circumstances under which the project is undertaken which will require major revisions of the previous negative declaration due to the involvement of new significant environmental effects or a substantial increase in the severity of previously identified significant effects; or*
- (3) *New information of substantial importance, which was not known and could not have been known with the exercise of reasonable diligence at the time the previous negative declaration was adopted, shows any of the following:*
  - a. *The project will have one or more significant effects not discussed in the previous negative declaration;*
  - b. *Significant effects previously examined will be substantially more severe than shown in the previous environmental document;*
  - c. *Mitigation measures or alternatives previously found not to be feasible would in fact be feasible, and would substantially reduce one or more significant effects of the project, but the project proponents decline to adopt the mitigation measure or alternative; or*
  - d. *Mitigation measures or alternatives which are considerably different from those analyzed in the previous environmental documentation would substantially reduce one or more significant effects on the environment, but the project proponents decline to adopt the mitigation measure or alternative.*

This Addendum has been prepared by the City because the proposed changes are consistent with the impact analysis provided in the 2012 IS/MND. As substantiated below, the amended project would not incur new significant impacts or substantial increases in the severity of the previously identified impacts. The anticipated environmental impacts of the amended project, as explained in detail in the following analysis, are similar to and potential impacts would be mitigated using the mitigation measures applied in the 2012 IS/MND. Mitigation measures that were previously identified and imposed would continue to ensure that impacts are reduced to less than significant levels. Additionally, there have been no new circumstances since the approval of the 2012 IS/MND that would result in new or more severe significant environmental impacts.

Per *CEQA Guidelines* Section 15163(c), an addendum need not be circulated for public review, but can be included in or attached to the approved IS/MND. Prior to approval of the amended project, the City will consider this Addendum together with the 2012 IS/MND when making a decision regarding the project.

# CHAPTER 4

## Description of Proposed Project Amendments

### 4.1 City of Marysville Facility Improvements

#### 4.1.1 Yuba River Crossing

The project described in the 2012 IS/MND described and analyzed the use of existing pipelines to the extent feasible in support of the conveyance of raw wastewater from the WWTP to the Regional WWTF. In the vicinity north of the Yuba River, between the WWTP and the Yuba River, the project included using existing 12-inch diameter HDPE pipe originating from the WWTP in combination with the installation of new 12-inch diameter pipe slip-lined within the existing 36-inch diameter pipe to connect conveyance pipelines from the WWTP to an existing 24-inch diameter pipe to cross underneath the Yuba River.

Subsequent to approval of the 2012 IS/MND and prior to construction, the U.S. Army Corps of Engineers (USACE) proposed plans for fortifying levee in the vicinity of the project site. The existing 12-inch HDPE pipe running through the levee will be removed during their levee repair process. Therefore, USACE is requiring a temporary pipeline to be installed to convey wastewater from the WWTP, over the levee, to the existing 24-inch diameter pipe to cross underneath the Yuba River. USACE will replace temporary conveyance pipe with a buried, permanent pipeline in its current location upon completion of levee upgrades, and will remove and dispose of the aforementioned temporary pipeline at that time.

The Yuba River Crossing amendments analyzed in this Addendum include constructing a new, temporary, 18-inch HDPE pipe that will connect the WWTP to the existing 24-inch diameter pipe which crosses underneath the Yuba River. The new, temporary, 18-inch HDPE pipe will begin at the WWTP, follow the landside of the levee in a westerly direction, cross over the levee just north of the Western Pacific railroad tracks, follow the railroad abutment south to Biz Johnson Drive, turn in a southerly direction and cross under the railroad tracks, cross under Biz Johnson Drive south of the railroad tracks, then travel north back under the railroad tracks to the existing 24-inch diameter pipe crossing underneath the Yuba River. The wastewater conveyance pipeline will be installed within Biz Johnson Drive using cut and cover techniques. The total length of temporary pipeline to be installed is approximately 543 linear feet. **Figure 2** shows a close up of the project and amended project north of the Yuba River.

#### 4.1.2 Yuba River Floodplain

South of the Yuba River, the project alignment runs in a southeasterly direction, in a straight line, from the existing 24-inch diameter HDPE pipe under the Yuba River through the east Yuba River

flood control levee in the vicinity of Garden Avenue in the City of Marysville. Following approval of the project, slight modifications have been made to the alignment, in order to avoid sensitive resources. The modified alignment would include additional bends and curves as it travels through the Yuba River floodplain. Figure 1 shows the project and amended project alignment. The amended project would increase the length of pipeline from the approved route by 938 feet. Pipeline construction within the floodplain and levee crossing would be constructed to the same specifications as discussed in the 2012 IS/MND.

## **4.2 Regional WWTF**

### **4.2.1 Feather River Floodplain**

The approved project described and analyzed the use of existing pipelines to the extent feasible. Subsequent to approval of the project, it was determined that existing Regional WWTF pipe within the Feather River Floodplain running from the Regional WWTF facilities to the Feather River outfall was in poor condition and not suitable for use. Therefore, an additional 400 feet of 30-inch steel pipe would be installed within the Feather River floodplain, on the waterside of the levee. The new pipe would connect to the E Pump Station, run in the shape of a “hook” south for 50 feet, west for 150 feet, then north for 200 feet, and connect to the approved 14-inch temporary pipeline. **Figure 3** shows the location of the amended project in the vicinity of the Feather River floodplain.

## **4.3 Construction Methods**

The construction equipment that is expected to be present onsite for the duration of construction is described on page 1-25 of the 2012 IS/MND. Construction methods also would be similar to that described in the 2012 IS/MND, including site clearing, excavation, grading, staging, and site restoration. Construction work areas include a 50-foot construction zone within the floodplain of the Yuba and Feather Rivers, and a 30-foot construction zone along roadways. No additional construction equipment or workers would be required due to the proposed modifications.

Unless otherwise noted, the modifications described in this Addendum would use open trench installation. Trenching would utilize a conventional cut and cover construction technique which would include trench excavation, pipe installation, backfill operations, and re-surfacing to the original condition. Excavation, backfilling, and temporary storage of trench spoils would be contained within the construction zones and staging areas, as relevant. All disturbed areas would be returned to pre-construction conditions along the entire length of the alignments.

## **4.4 Project Phasing and Schedule**

Construction of the proposed modifications would proceed simultaneously with construction of all other approved project components and phases facilities as described in the 2012 IS/MND.



SOURCE: USDA, 2014; Kennedy Jenks, 2016; ESRI, 2012; and ESA, 2016

Marysville Wastewater Treatment Plant Study . 211313

**Figure 2**  
Yuba River Crossing Overview

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SOURCE: USDA, 2014; Kennedy Jenks, 2016; ESRI, 2012; and ESA, 2016

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**Figure 3**

Feather River Floodplain Overview

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## CHAPTER 5

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### Incorporation by Reference

Consistent with Section 15150 of the CEQA Guidelines, the following documents were used in the preparation of this Addendum and are incorporated herein by reference:

- Marysville Wastewater Treatment Compliance Initial Study/Mitigated Negative Declaration, December 2012 (State Clearinghouse No. 2012122018).

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# CHAPTER 6

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## Analysis of Potential Environmental Impacts Associated with the Proposed Modifications

This Addendum has been prepared to identify any impacts associated with the amended project. The analysis can be found in its entirety below. The following resource areas were evaluated in this Addendum: Aesthetics; Agricultural and Forestry Resources; Air Quality; Biological Resources; Cultural Resources; Geology, Soils, and Seismicity; Hazards and Hazardous Materials; Hydrology and Water Quality; Land Use and Land Use Planning; Noise; Population and Housing; Public Services; Recreation; Transportation and Traffic; and Utilities and Service Systems. Mitigation Measures referenced in the following sections can be found in their entirety in the 2012 IS/MND.

### 6.1 Aesthetics

Section 2.1 of the 2012 IS/MND analyzed impacts to the aesthetics of the project area, and found that construction activities would not degrade the existing visual character or quality of the project area. Construction of the amended project would require the use of heavy equipment, excavation, and storage of materials on-site, which could result in temporary changes to the visual character of the surrounding areas. Upon completion of the amended project, trenches where the pipelines would be placed would be backfilled with on-site material and the surface elevation would be restored to match the original ground surface and pavement surface elevations. Changes within the existing WWTP footprint would be consistent with the existing character of the WWTP. The refined pipeline alignment would also result in temporary changes to the existing visual character, but would be underground following construction and would not result in new permanent visual obstructions or other visual changes in character within the project area. Therefore, the amended project would not result in new significant impacts or a substantial increase in severity of impacts over those identified and evaluated in the 2012 IS/MND.

### 6.2 Agricultural and Forest Resources

The amended project is not located in an area with Prime, Unique, or Farmland of Statewide Importance, nor is it located in, or does it intersect with, an area zoned as forest, timberland, or used for timber production. The project would not convert agricultural or forest lands to other uses, nor would it conflict with existing agricultural and timberland zoning or a Williamson Act contract. Construction would result in temporary ground surface disruption during the installation of pipelines. However, these changes would be temporary in nature and would not result in a conversion of land to a non-agricultural use, or result in conversion of forest land or timberland to another use. Installation of the pipeline along the amended project route would not intersect any existing agricultural or forest uses. Therefore, the amended project would not result in new

significant impacts or a substantial increase in the severity of impacts over those identified and evaluated in the 2012 IS/MND.

### **6.3 Air Quality**

The 2012 IS/MND analyzed air quality impacts and concluded that there would be significant impacts due to construction activities generating short-term emissions of criteria pollutants. Implementation of Mitigation Measure AIR-1 would minimize potential construction related air emissions, and ensure that potential emissions impacts would be less-than-significant. The amended project pipeline route would increase the length of pipeline from the 2012 IS/MND route by approximately 938 feet; however, installation of the pipeline along the amended project route would comply with requirements of Mitigation Measure AIR-1 which would be adequate to mitigate significant criteria air emissions through implementation of specific Feather River Air Quality Management District (FRAQMD) standard mitigation measures. Consistent with the 2012 IS/MND, upon completion of construction activities emission sources resulting from project operations would not result in net new emissions. As such, the amended project would not result in a cumulatively considerable net increase of any criteria air pollutants, nor would it result in new significant impacts or a substantial increase in severity of impacts over those identified and evaluated in the 2012 IS/MND.

### **6.4 Biological Resources**

Section 2.4 of the 2012 IS/MND analyzed potential impacts to biological resources and concluded that there would be significant impacts to special-status fish and wildlife species, and other species of birds protected under California Fish and Game Code (FGC) Sections 3503 and 3503.1, and the Migratory Bird Treaty Act (MBTA), valley foothill riparian, a sensitive natural community, and wetlands and waters of the U.S.

#### **6.4.1 Aquatic Species**

Section 2.4 concluded that installation of proposed project could potentially impact special-status aquatic species such as the green sturgeon (*Acipenser medirostris*), Central Valley steelhead (*Oncorhynchus mykiss*), Central Valley spring-run chinook (*Oncorhynchus tshawytscha*), and western pond turtle (*Actinemys marmorata*) within, and along the banks of the Feather River. No changes in the outfall location or size are proposed as part of the amended project. Impacts from implementation of the amended project pipeline route would be the same to special-status aquatic species, specifically impacts to water quality, increased sedimentation, and loss of habitat, or direct mortality due to coffer dam installation around proposed outfall for fish species, and loss of foraging overwintering, and nesting habitat for western pond turtle. The amended project would comply with Mitigation Measures BIO-1 and BIO-2 which would reduce the impact to a less-than-significant level by requiring by minimize potential impacts to aquatic species including green sturgeon, Central Valley steelhead, Central Valley spring-run chinook, and western pond turtle. Therefore, the amended project would not result in new significant impacts or a substantial increase in severity of impacts over those identified and evaluated in the 2012 IS/MND.

## 6.4.2 Nesting Songbirds and Raptors

Section 2.4 also concluded that construction of the project could impact nesting songbirds and raptors, including Swainson's hawk (*Buteo swainsonii*), a threatened species under the California Endangered Species Act (CESA), and common bird species protected under FGC Sections 3503 and 3503.1, and the Migratory Bird Treaty Act. Given the nature of the impacts from implementation of the amended pipeline route would be the same to nesting birds, specifically impacts to active nest sites through tree removal, or nest abandonment due to construction activity. Implementation of Mitigation Measure BIO-3 would reduce the impact to a less-than-significant level by requiring by minimize potential construction related impacts to nesting bird species by establishing no-work buffer zones around active nest sites, where deemed necessary by a qualified biologist, and/or California Department of Fish and Wildlife, and/or U.S. Fish and Wildlife Service. Therefore, the amended project would not result in new significant impacts or a substantial increase in severity of impacts on aquatic species over those identified and evaluated in the 2012 IS/MND.

## 6.4.3 Valley Elderberry Longhorn Beetle

Section 2.4 determined the project could also impact the valley elderberry longhorn beetle (*Desmocerus californicus dimorphus*) (VELB), a threatened species under the federal Endangered Species Act (FESA), by damaging, or removing its habitat the elderberry shrub (*Sambucus nigra ssp. caerulea*). Potential impacts from the project to elderberry shrubs include soil compaction during construction; construction caused dust on shrubs; and/or damage, pruning, and/or removal of shrubs during construction. The number of elderberry shrubs located within 100 feet of the refined pipeline route would not increase. Construction of the pipeline along the refined route would comply with requirements of Mitigation Measure BIO-4 which would reduce the impact to a less-than-significant level by requiring by minimizing and mitigating impacts to VELB and their habitat. Therefore, the amended project would not result in new significant impacts or a substantial increase in severity of impacts on VELB over those identified and evaluated in the 2012 IS/MND.

## 6.4.4 Sensitive Natural Communities

Section 2.4 determined sensitive natural communities, specifically valley foothill riparian forest, could be impacted by project construction resulting from potential tree removal. Dewatering of the outfall area within the Feather River floodplain could also affect riparian vegetation growing adjacent to the project boundaries. The nature of the impacts from construction of the amended pipeline route would be the same as the approved project to riparian impacts, implementation of Mitigation Measure BIO-5, BIO-6, and BIO-7 would reduce the impact to a less-than-significant level by requiring by minimize potential construction related impacts to valley foothill riparian forest by constructing the pipeline within previously disturbed areas, where feasible, protecting riparian trees with Tree Protection Zones, where feasible, and by mitigating for riparian habitat removed during construction activities. Therefore, the amended project would not result in new significant impacts or a substantial increase in severity of impacts on sensitive natural communities over those identified and evaluated in the 2012 IS/MND.

### 6.4.5 Wetlands and Waters of the U.S.

Section 2.4 identified 14.54 acres of jurisdictional wetlands and waters of the US within the Project site, including the Yuba and Feather Rivers, the percolation/evaporation ponds at the Regional WWTF, and an unidentified historical tributary to the Yuba and Feather Rivers, located west of the Levee Road in the Feather River floodplain portion of the project site. Impacts to these features would occur as a result of the project construction. Given the nature of the impacts from construction of the amended pipeline route would be the same to wetlands and waters of the US, impacts implementation of Mitigation Measures BIO-5 and BIO-7 would reduce the impact to a less-than-significant level by requiring by minimize construction related impacts to wetlands and waters of the U.S. by constructing the pipeline within previously disturbed areas, where feasible, and compensating for the unavoidable loss of wetlands, where applicable. Therefore, the amended project would not result in new significant impacts or a substantial increase in severity of impacts on wetlands or waters of the U.S. over those identified and evaluated in the 2012 IS/MND.

### 6.4.6 Local Policies

Section 2.4 identified historic oaks and native trees within and adjacent to the project area. The Yuba County General Plan calls for avoidance of native oaks or landmark trees of significant size. The nature of impacts from construction of the refined pipeline route would be the same to historic oaks and native trees; however, implementation of Mitigation Measure BIO-8 would reduce the impact to a less-than-significant level by requiring no-work buffer zones, where feasible, for oaks and landmark trees to protect root systems, and/or restore and mitigate for historic oaks and native trees, as appropriate. Therefore, the amended project would not result in new significant impacts or a substantial increase in severity of impacts on applicable local policies over those identified and evaluated in the 2012 IS/MND.

## 6.5 Cultural Resources

Section 2.5 of the 2012 ISMND analyzed potential impacts to Cultural Resources and determined that the pipelines would not result in impacts to known historic built resources or prehistoric/historic period archaeological resources. During the 2015 Native American consultation update, the United Auburn Indian Community of the Auburn Rancheria (UAIC) concern over potentially sensitive areas. During consultation with ESA between October 2015 and March 2016, attempts were made to conduct a site visit to identify specific areas of heightened sensitivity, but scheduling conflicts prevented a site visit from occurring. The UAIC requested monitors within sensitive areas adjacent to historic waterways to “treat and dispose of any Native American finds”. Archaeological and Native American monitoring is recommended in areas where native soils would be disturbed during project construction within the vicinity of historic natural waterways. Implementation of Mitigation Measures CUL-1 and CUL-2 addressed potential impacts to archaeological resources and human remains resulting from unanticipated discovery of subsurface archaeological resources during project construction. Mitigation Measure 6.5-1 below details monitoring mitigation actions that will result in a less-than-significant impact to archaeological resources as a result of the project addendum.

**Mitigation Measure 6.5-1:** A Secretary of the Interior-qualified archaeologist and a Native American monitor shall be present during ground-disturbing activities within 500 feet of historic natural waterways. During the course of the monitoring, the monitors may adjust the frequency of the monitoring—from continuous to intermittent—based on observed conditions (i.e. artificial fill) and professional judgment regarding the potential to impact resources. Prior to ground-disturbing activities, a monitoring plan shall be developed that includes:

- Training program for all construction personnel involved in site disturbance activities;
- Qualifications of person responsible for conducting monitoring activities, including Native American monitors;
- The required format and content of monitoring reports, assessment, designation and mapping of sensitive cultural resource areas on final project maps;
- Person(s) responsible for overseeing and directing the monitors;
- Schedule for submittal of monitoring reports and person(s) responsible for review and approval of monitoring reports;
- Physical monitoring boundaries;
- Protocol for notifications in case of encountering of cultural resources, as well as methods of dealing with the encountered resources (e.g., collection, identification, curation);
- Methods to ensure security of cultural resources sites;
- Protocol for notifying local authorities (i.e. Sheriff, Police) should site looting or other illegal activities occur during construction.

If cultural resources are encountered during ground disturbing activities, all work within 100 feet of the find shall cease until it can be evaluated by a qualified archaeologist and a Native American representative.

Construction of the amended project would require temporary construction impacts to the National Register eligible Marysville Ring Levees (P-58-2579). The US Army Corps of Engineers evaluated the Marysville Ring Levee in 2009 and recommended it eligible for listing in the National Register under Criteria A and B, for its association with the development of Marysville and its association with significant individuals involved in the Marysville Levee Commission. The proposed project, as currently defined, will removed the existing 12” pipe to accommodate slurry walls in the levee, and will be replaced with a similar pipe. Upon completion of the amended project, trenches where the pipelines would be placed would be backfilled with on-site material and the surface elevation would be restored to match the original ground surface and pavement surface elevations. As impacts will be constrained to temporary construction impacts to a small portion of the 7-mile levee, impacts are to the levee as a historical resource or historic property are considered less than significant. Therefore, the amended project would not result in new significant impacts or a substantial increase in severity of impacts over those identified and evaluated in the 2012 IS/MND.

## 6.6 Geology and Soils

Section 2.6 of the 2012 IS/MND analyzed potential impacts to geology and soils and concluded that pipelines could be subject to damage resulting from unstable soil conditions. Implementation of Mitigation Measure GEO-1 would reduce the impact to a less-than-significant level by requiring that a soils and geology investigation is completed prior to the construction within undeveloped soils to determine their shrink swell potential and ensure that the recommendations of the investigation are incorporated into project design prior to initiation of construction activities. Installation of the pipeline along the amended project route would comply with applicable state building codes, as well as Mitigation Measure GEO-1 and would be adequate to mitigate potential significant geology and soils impacts. Therefore, the amended project would not result in new significant impacts on geology and soils or a substantial increase in severity of impacts over those identified and evaluated in the 2012 IS/MND.

## 6.7 Hazards and Hazardous Materials

The 2012 IS/MND analyzed hazards and hazardous materials impacts and concluded that there would be significant impacts due to project construction and operation. Implementation of Mitigation Measures HM-1, AIR-1, and HM-2 would work in combination to minimize risk of a potentially hazardous condition with respect to construction workers, and the public to a less-than-significant level. The amended project pipeline route would increase the length of the pipeline from the 2012 IS/MND route by approximately 938 feet; however, construction of the pipeline along the amended project route would comply with requirements of Mitigation Measures HM-1, AIR-1, and HM-2 which would be adequate to mitigate impacts from hazards and hazardous materials. The amended project would not result in new significant impacts or a substantial increase in severity of impacts over those identified and evaluated in the 2012 IS/MND.

## 6.8 Hydrology and Water Quality

The 2012 IS/MND analyzed hydrology and water quality impacts and concluded that there would be potential significant impacts to erosion and sedimentation and levee integrity during construction activities. Implementation of Mitigation Measures HYD-1, BIO-1, and HYD-3 would minimize potential construction related erosion and sedimentation, and risk to levee integrity, and ensure potential impacts would be less-than-significant. The amended project pipeline route would increase the length of pipeline from the 2012 IS/MND route by approximately 938 feet; however, installation of the pipeline along the amended project route would comply with requirements of Mitigation Measures HYD-1, BIO-1, and HYD-3 which would be adequate to mitigate significant impacts to hydrology and water quality. The amended project would not result in new significant impacts or a substantial increase in severity of impacts over those identified and evaluated in the 2012 IS/MND.

## 6.9 Land Use and Land Use Planning

Section 2.10 of the 2012 IS/MND analyzed impacts to land use and land use planning and concluded that installation of project facilities would not conflict with existing and proposed land uses, because proposed WWTP improvements would be at existing facilities and the pipelines would be installed underground primarily in existing road rights-of-way. The approved project was found to be consistent with applicable land use plans and not within the planning area of an approved Habitat Conservation Plan. Installation of the pipeline along the amended pipeline route would also be installed underground and consistent with applicable land use plans. In addition, a habitat conservation plan has still not been approved. Therefore, installation of the pipeline along the amended project route would not result in new significant impacts or a substantial increase in the severity of impacts over those identified and evaluated in the 2012 MND.

## 6.10 Noise

Section 2.12 of the 2012 IS/MND analyzed noise impacts and concluded that there would be significant but mitigatable temporary increases in noise, ambient noise levels, and ground-borne vibration levels associated with construction of the project facilities. Implementation of Mitigation Measures NOISE-1 and NOISE-2 impose measures to reduce daytime noise from construction and respond to and track construction noise complaints. Mitigation Measure NOISE-3 would ensure construction techniques that minimize ground-borne vibration are utilized. Installation of the pipeline along the refined route would result in the same noise and vibration levels as those associated with the approved pipeline route, except in a slightly different location and for a slightly longer duration associated with a greater pipeline length. Installation of the pipeline along the refined route would comply with Mitigation Measures NOISE-1, NOISE-2, and NOISE-3 which would be adequate to mitigate significant noise and vibration impacts. Therefore, installation of the pipeline along the amended project route would not result in new significant impacts or a substantial increase in severity of impacts over those identified and evaluated in the 2012 IS/MND.

## 6.11 Population and Housing

Section 2.13 of the 2012 IS/MND analyzed impacts to population and housing and concluded that there would be less-than-significant impacts to growth and no impact to displacement of housing or people. Construction of the pipeline along the refined route would not change the amount of wastewater transferred or result in displacement of existing homes or substantial numbers of people. Therefore, construction of the pipeline along the amended project route would not result in new significant impacts or a substantial increase in the severity of impacts over those identified and evaluated in the 2012 IS/MND.

## 6.12 Public Services

Section 2.14 of the 2012 IS/MND analyzed impacts associated with public services and concluded there would be no impact on public services. Installation of the pipeline along the refined route would not result in an increase in wastewater transfer and would not generate

population growth. In addition, the revised alignment would not result in the hiring of additional staff to construct or maintain the project in comparison to the approved route. Therefore, installation of the pipeline along the amended project would not result in new significant impacts or a substantial increase in severity of impacts over those identified and evaluated in the 2012 IS/MND.

## **6.13 Recreation**

Section 2.15 of the 2012 IS/MND analyzed impacts to recreation and concluded that there would be temporary interference with access to portions of an ad-hoc motocross area, and access to portions of the Feather River near Levey Road and the American Legion baseball diamond. The amended project pipeline route would cross under Biz Johnson Drive and could temporarily interfere with access to Marysville's Riverfront Park or the Feather or Yuba Rivers via Biz Johnson Drive. Interference would be temporary and be limited to the construction period, therefore would not result in a significant impact. The pipeline along project route in other areas would result in similar levels of temporary impacts to the ad-hoc motocross area, access to portions of the Feather River near Levey Road, and the American Legion baseball diamond. Following construction, access would be restored. Therefore, construction of the pipeline along the amended project route would not result in new significant impacts or a substantial increase in the severity of impacts over those identified and evaluated in the 2012 IS/MND.

## **6.14 Transportation and Traffic**

Section 2.16 analyzed impacts to transportation and concluded that construction of project facilities could result in significant impacts due to traffic delays, added traffic, traffic safety hazards, increased wear-and-tear on haul routes, emergency vehicle access, and transit service. Implementation of Mitigation Measure TRAFFIC-1 would minimize impacts by requiring the contractor to obtain an encroachment permit which mandates the resurfacing of roadways and roadside drainageways and other hydrologic features to existing conditions or better. Implementation of Mitigation Measure TRAFFIC-2 would require the preparation of a traffic control plan to minimize impacts to local roadway capacities and traffic flow conditions as well as comply with roadside safety protocols. Mitigation Measure TRAFFIC-3 would require all roadways to be returned to a structural condition equal to that which existed prior to construction.

Installation of the pipeline along the refined route would be installed through Biz Johnson Drive and would only temporarily affect access. As discussed previously, the amended pipeline route north of the Yuba River is approximately 543 feet long; and thus would not result in a substantial increase in construction duration. Implementation of Mitigation Measures TRAFFIC-1, TRAFFIC-2, and TRAFFIC-3 would be adequate to mitigate significant transportation impacts to less than significant because the impacts have not substantially changed from the approved project. Therefore, installation of the pipeline along the amended project route would not result in new significant impacts or a substantial increase in severity of impacts over those identified and evaluated in the 2012 IS/MND.

## 6.15 Utilities and Service Systems

Section 2.17 of the 2012 IS/MND analyzed impacts to utilities and service systems and concluded that impacts would be less-than-significant. The amended project would not alter the volume of water treated by the WWTF, nor would it cause an interruption in wastewater service. The amended project would not increase drainage flows, and therefore would not require construction of a new storm drainage system or expansion of an existing stormwater drainage facility. Water demand for the amended project would be temporary and minor and therefore potential impacts associated with availability of water supplies would be less than significant. The amended project is not anticipated to affect the capacity of the Ostrom Road Landfill and disposal of all waste would comply with applicable regulations. Installation of the pipeline along the amended project route would not result in changes to the amount of wastewater transferred or proposed wastewater facilities at the WWTP as described in the 2012 IS/MND. The refined alignment would only result in an increase in installed pipeline of 938 feet and therefore would not substantially increase the amount of waste produced, or alter compliance with applicable waste management regulations. In addition, the refined pipeline route would not result in the need for new or expanded stormwater drainage and temporary water demand during construction would not substantially increase. Therefore, construction of the pipeline along the amended project route would not result in new significant impacts or a substantial increase in the severity of impacts over those identified and evaluated in the 2012 IS/MND.

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## CHAPTER 7

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# Summary of Environmental Effects

As discussed in this Addendum, the proposed modifications would not change the conclusions of the approved 2012 IS/MND. The construction and operation of the project would meet the same objectives of ending discharges of treated sewage into the Yuba and Feather Rivers, during periods of flooding.

The proposed modifications would not result in a new significant impact or substantially increase the severity of a previously identified significant impact. No mitigation is required beyond the existing commitments contained within the MMRP. The proposed modifications to the previously-approved project do not meet any of the conditions that would require the preparation of a subsequent or supplemental EIR as set forth in Sections 15162 and 15163 of the CEQA Guidelines.

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# CHAPTER 8

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## Determination

Final determination will be completed following cultural resources analysis.

**City of Marysville**

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

\_\_\_\_\_  
Printed Name

\_\_\_\_\_  
Title

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