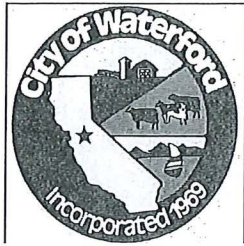


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Notice of Exemption Form

CITY OF WATERFORD PLANNING DEPARTMENT

101 'E' STREET
WATERFORD, CALIFORNIA 95386
TELEPHONE (AREA CODE 209) 874-2328
FAX (209) 874-9656

Notice of Exemption

TO: Office of Planning and Research **FROM:** City of Waterford Planning Department
P.O. Box 3044, Room 113 101 "E" Street
Sacramento, CA 95812-3044 Waterford, CA 95386

or

County Clerk
County Of Stanislaus
1021 "I" Street
Modesto, CA 95354

Project Title: Hickman Water Consolidation Project

Project Applicant: City of Waterford

Public Agency Approving Project: City of Waterford

Agency Carrying Out Project: City of Waterford

Project Location: The Proposed Project is generally located within the City of Waterford, the County of Stanislaus, and the Community of Hickman. The Proposed Project is specifically located along Yosemite Boulevard (SR 132), between G Street and the northwestern point of the River Pointe Subdivision, and at the River Pointe water treatment facility. With the jurisdiction of Stanislaus County, the Proposed Project is located on Hickman Road, crossing the Hickman Road Bridge into the Community of Hickman. Within the Community of Hickman, the Proposed Project is located on Lake Road (between Hickman Road and I Street), I Street (between Lake Road and 4th Street), 4th Street (between I Street and Montpelier Road), and Montpelier Road (between Lake Road and 6th Street), and at the Hickman well sites

Project Description: The Proposed Project generally consists of domestic and public safety water infrastructure improvements to the City of Waterford's water systems, in accordance with state water and fire codes, including improvements within the Community of Hickman. The City of Waterford is the water purveyor for the Community of Hickman. All work associated with the Proposed Project will occur within existing right-of way. In addition, while the Proposed Project consists of replacing some existing water lines with larger diameter water lines, this component of the Proposed Project is solely being done to address deficient fire suppression flows within the existing water system. The Proposed Project does not propose nor allow for the expansion of water service beyond the existing Waterford/Hickman service areas, as previously approved by the City of Waterford and the Community of Hickman.

In accordance with State CEQA Guidelines for implementation of the California Environmental Quality Act, and with the CEQA Guidelines, the City of Waterford hereby declares that it has approved the above named project. It has been determined that the project is Categorical Exempt under Article 19, California Code Section 15301, Existing Facilities.

It is exempt because the Proposed Project consists of an operation, repair, maintenance, and minor alteration of existing public facilities involving negligible expansion of existing use. The City has prepared an Initial Study to support the Categorical Exemption and is attached to this Notice of Exemption. The Initial Study determined that the Proposed Project will have no impact to the environment and is Categorically Exempt per the CEQA Guidelines.

Agency Contact Person: Mark Niskanen, Planning Manager **Telephone:** (209) 599-8397 **Governor's Office of Planning & Research**

Signature
Mark Niskanen
Planning Manager

1/14/2020
Date

JAN 14 2020

STATE CLEARINGHOUSE



Final Initial Study

Hickman Water Consolidation Project

Prepared By
City of Waterford
Planning Department
101 E Street
Waterford, California 95386

January 2020

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TABLE OF CONTENTS

	Page
INITIAL STUDY	1
1. Project Title	1
2. Lead Agency Name and Address	1
3. Contact Person and Phone Number	1
4. Project Location	1
5. Project Sponsor's Name and Address	1
6. Existing Setting	2
7. Existing General Plan Designation	5
8. Existing Zoning	5
9. Surrounding Land Uses and Setting	5
10. Description of the Project	5
11. Required Approvals	6
12. Other Public Agencies Whose Approval is Required	6
13. Environmental Factors Potentially Affected	7
14. Lead Agency Determination	8
INITIAL STUDY CHECKLIST	11
1. Aesthetics	11
2. Agriculture and Forestry Resources	13
3. Air Quality	15
4. Biological Resources	17
5. Cultural Resources	19
6. Energy	20
7. Geology and Soils	21
8. Greenhouse Gas Emissions	23
9. Hazards and Hazardous Materials	24
10. Hydrology and Water Quality	26
11. Land Use and Planning	29
12. Mineral Resources	30
13. Noise	31
14. Population and Housing	32
15. Public Services	33
16. Recreation	35
17. Transportation/Traffic	36
18. Tribal Cultural Resources	37
19. Utilities and Service Systems	39
20. Wildfire	41
21. Mandatory Findings of Significance	43
FIGURES	3
1. Regional Location	3
2. Project Location	4
REFERENCES	45

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SECTION 1.0 - INTRODUCTION

1. PROJECT TITLE

Hickman Water Consolidation Project

2. LEAD AGENCY NAME AND ADDRESS

City of Waterford
101 E Street
Waterford, California 95386

3. CONTACT PERSON AND PHONE NUMBER

Mr. Mark Niskanen
Planning Manager
Planning Department
(209) 599-8377

4. PROJECT LOCATION

The Proposed Project is generally located within the City of Waterford, the County of Stanislaus, and the Community of Hickman. The Proposed Project is specifically located along Yosemite Boulevard (SR 132), between G Street and the northwestern point of the River Pointe Subdivision, and at the River Pointe water treatment facility. With the jurisdiction of Stanislaus County, the Proposed Project is located on Hickman Road, crossing the Hickman Road Bridge into the Community of Hickman. Within the Community of Hickman, the Proposed Project is located on Lake Road (between Hickman Road and I Street), I Street (between Lake Road and 4th Street), 4th Street (between I Street and Montpelier Road), and Montpelier Road (between Lake Road and 6th Street), and at the Hickman well sites

For an illustration of the Proposed Project's location, refer to Figure 1 – Regional Location, and Figure 2 – Project Location.

5. PROJECT SPONSOR'S NAME AND ADDRESS

Same as Lead Agency.

6. EXISTING SETTING

The existing setting of the Proposed Project is generally within the City of Waterford, the County of Stanislaus, and the Community of Hickman. The Proposed Project is specifically located on Yosemite Boulevard (SR 132), between G Street and the northwestern point of the River Pointe Subdivision. Within the jurisdiction of Stanislaus County, the Proposed Project is located on Hickman Road, crossing the Hickman Road Bridge into the Community of Hickman. Within the Community of Hickman, the Proposed Project is located on Lake Road (between Hickman Road and I Street), I Street (between Lake Road and 4th Street), 4th Street (between I Street and Montpelier Road, and Montpelier Road (between Lake Road and 6th Street). The site is bounded by agricultural, and residential land uses to the north, east, south, and west. Figures One and Two illustrate the current site setting.

Figure 1 – Regional Location

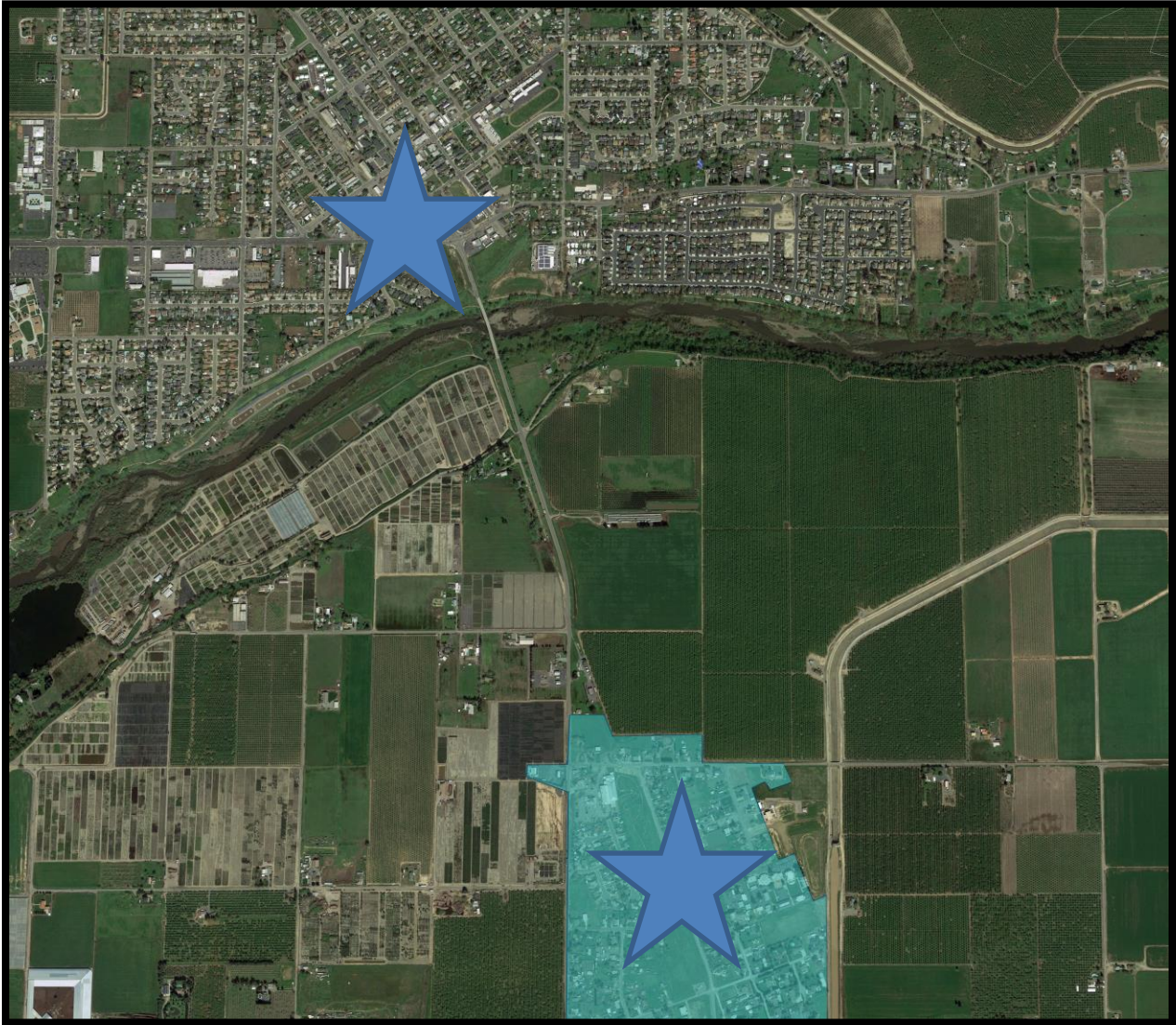
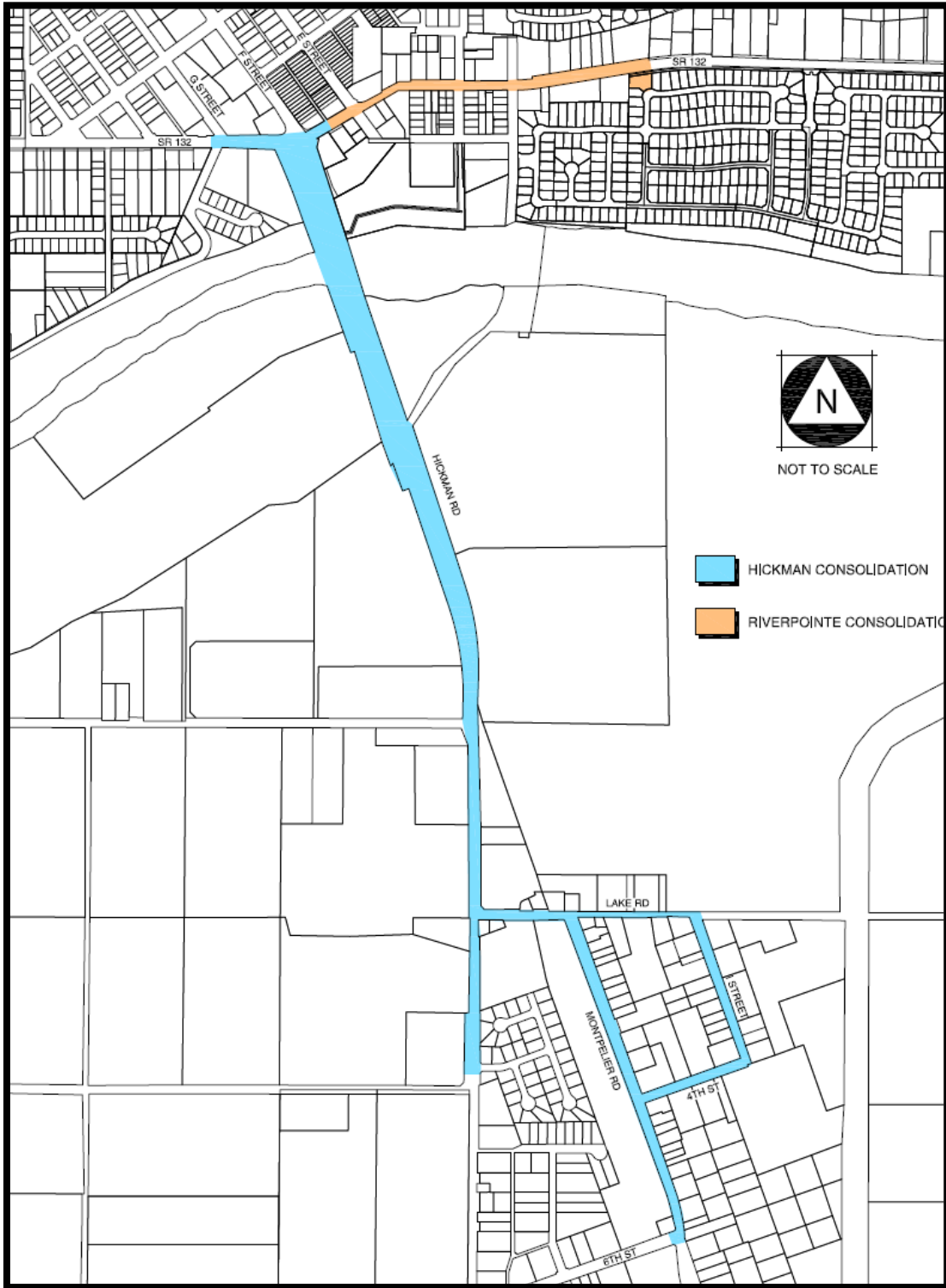


Figure 2 – Project Location



7. EXISTING GENERAL PLAN DESIGNATION

Not applicable. The Proposed Project is located within existing public right-of-way and is not assigned any land use designations by the City of Waterford General Plan or Stanislaus County General Plan.

8. EXISTING ZONING

Not applicable. The Proposed Project is not located within any zone districts assigned by the City of Waterford or Stanislaus County.

9. SURROUNDING LAND USES AND SETTING

The Proposed Project's surrounding land uses vary, but are primarily made up of agricultural, commercial and residential land uses.

10. DESCRIPTION OF THE PROJECT

The Proposed Project generally consists of domestic and public safety water infrastructure improvements to the City of Waterford's water systems, in accordance with state water and fire codes, including improvements within the Community of Hickman. The City of Waterford is the water purveyor for the Community of Hickman. All work associated with the Proposed Project will occur within existing right-of way. In addition, while the Proposed Project consists of replacing some existing water lines with larger diameter water lines, this component of the Proposed Project is solely being done to address deficient fire suppression flows within the existing water system. The Proposed Project does not propose nor allow for the expansion of water service beyond the existing Waterford/Hickman service areas, as previously approved by the City of Waterford and the Community of Hickman. Specifically, the Proposed Project includes the following:

- Construct a 14" water main in Yosemite Blvd (SR 132) from the alleyway west of Waterford City Hall to the F Street intersection in Waterford (approximately 240').
- Construct a 14" water main in F Street from the Yosemite Blvd (SR 132) intersection to the north connection point of the proposed bridge crossing the Tuolumne River (approximately 550').
- Construct a 14" water main in the Hickman Road right-of-way from the south connection point of the proposed bridge crossing to the Hickman Road/Lake Road intersection in Hickman (approximately 4,150').
- Replace the existing 6" water main in Hickman Road between Lake Road and Kim Street with a new 10" water main (approximately 1,040').

- Replace the existing 6" water main in Lake Road between Hickman Road and Montpelier Road with a 12" water main (approximately 680').
- Replace the existing 6" water main in Lake Road between Montpelier Road and I Street with a 10" water main (approximately 850').
- Replace the existing 4" water main in Montpelier Road between Lake Road and 4th Street with a 10" water main (approximately 1,360').
- Replace the existing 4" water main in Montpelier Road between 4th Street and 6th Street with an 8" water main (approximately 990').
- Replace the existing 6" water main in I Street between Lake Road and 4th Street with an 8" water main (approximately 1,060').
- Replace the existing 6" water main in 4th Street between Montpelier Road and I Street with a 10" water main (approximately 790').

All work associated with the Proposed Project will occur within existing right-of-way. In addition, while the Proposed Project consists of replacing existing water lines with larger water lines, this component of the Proposed Project is solely being done to allow for adequate fire suppression flows within the existing water system. The Proposed Project does not include allowing for the expansion of the water service area beyond which is already approved for the City of Waterford and the Community of Hickman.

11. REQUIRED APPROVALS

The Proposed Project does not require any discretionary approvals from the City of Waterford.

12. OTHER PUBLIC AGENCIES WHOSE APPROVAL IS REQUIRED

- Encroachment Permit(s) from Stanislaus County for construction activities located with Stanislaus County right-of-way.
- Encroachment Permit(s) from the California Department of Transportation for construction activities located within State Route 132.

13. ENVIRONMENTAL FACTORS POTENTIALLY AFFECTED:


The environmental factors checked below would be potentially affected by this Proposed Project, involving at least one impact that is a "Potentially Significant Impact" as indicated by the checklists on the following pages.

	Aesthetics		Agriculture and Forestry Resources		Air Quality
	Biological Resources		Cultural Resources		Energy
	Geology and Soils		Greenhouse Gas Emissions Materials		Hazards and Hazardous
	Hydrology and Water Quality		Land Use and Planning		Mineral Resources
	Noise		Population and Housing		Public Services
	Recreation		Transportation/Traffic		Utilities and Service Systems
	Wildfire		Mandatory Findings of Significance		

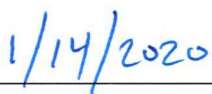
14. LEAD AGENCY DETERMINATION:

On the basis of this initial evaluation:

X	I find that based on the analysis contained in this Initial Study, the Proposed Project is exempt from further CEQA review in accordance with Section 15301 (Existing Facilities) the CEQA Guidelines and therefore, a Notice of Exemption will be filed with the Office of Planning and Research the Stanislaus County Clerk.
	I find that the Proposed Project COULD NOT have a significant effect on the environment, and a NEGATIVE DECLARATION will be prepared.
	I find that although the Proposed Project could have a significant effect on the environment, there will not be a significant effect in this case because revisions in the Proposed Project have been made by or agreed to by the Proposed Project proponent. A MITIGATED NEGATIVE DECLARATION will be prepared.
	I find that the Proposed Project MAY have a significant effect on the environment, and an ENVIRONMENTAL IMPACT REPORT is required.
	I find that the Proposed Project MAY have a "potentially significant impact" or "potentially significant unless mitigated" impact on the environment, but at least one effect 1) has been adequately analyzed in an earlier document pursuant to applicable legal standards, and 2) has been addressed by mitigation measures based on the earlier analysis as described on attached sheets. An ENVIRONMENTAL IMPACT REPORT is required, but it must analyze only the effects that remain to be addressed.
	I find that although the Proposed Project could have a significant effect on the environment, because all potentially significant effects (a) have been analyzed adequately in an earlier EIR or NEGATIVE DECLARATION pursuant to applicable standards, and (b) have been avoided or mitigated pursuant to that earlier EIR or NEGATIVE DECLARATION, including revisions or mitigation measures that are imposed upon the Proposed Project, nothing further is required.

 _____

Mr. Mark Niskanen, Planning Manager

 _____

Date

SECTION 2.0 EVALUATION INSTRUCTIONS:

- 1) A brief explanation is required for all answers except "No Impact" answers that are adequately supported by the information sources a lead agency cites in the parentheses following each question. A "No Impact" answer is adequately supported if the referenced information sources show that the impact simply does not apply to projects like the one involved (e.g., the project falls outside a fault rupture zone). A "No Impact" answer should be explained where it is based on project-specific factors as well as general standards (e.g., the project will not expose sensitive receptors to pollutants, based on a project-specific screening analysis).
- 2) All answers must take account of the whole action involved, including off-site as well as on-site, cumulative as well as project-level, indirect as well as direct, and construction as well as operational impacts.
- 3) Once the lead agency has determined that a particular physical impact may occur, then the checklist answers must indicate whether the impact is potentially significant, Less Than Significant with mitigation, or Less Than Significant. "Potentially Significant Impact" is appropriate if there is substantial evidence that an effect may be significant. If there are one or more "Potentially Significant Impact" entries when the determination is made, an EIR is required.
- 4) "Negative Declaration: Less Than Significant with Mitigation Incorporated" applies where the incorporation of mitigation measures has reduced an effect from "Potentially Significant Impact" to a "Less Than Significant Impact." The lead agency must describe the mitigation measures, and briefly explain how they reduce the effect to a less than significant level (mitigation measures from Section XVII, "Earlier Analysis," may be cross-referenced).
- 5) Earlier analyses may be used where, pursuant to the tiering, program EIR, or other CEQA process, an effect has been adequately analyzed in an earlier EIR or negative declaration. Section 15063(c)(3)(D). In this case, a brief discussion should identify the following:
 - a) Earlier Analysis Used. Identify and state where they are available for review.
 - b) Impacts Adequately Addressed. Identify which effects from the above checklist were within the scope of and adequately analyzed in an earlier document pursuant to applicable legal standards, and state whether such effects were addressed by mitigation measures based on the earlier analysis.
 - c) Mitigation Measures. For effects that are "Less Than Significant with Mitigation Measures Incorporated," describe the mitigation measures, which were incorporated or refined from the earlier document and the extent to which they address site-specific conditions for the project.

Pursuant to Section 15063(c)(3)(D) of the CEQA Guidelines, this Initial Study is tiered from the City's Vision 2025 General Plan Environmental Impact Report (EIR).

The City's Vision 2025 General Plan EIR is available for review at the City of Waterford City Hall, 101 E Street, Waterford, California 95386, or on the City's website: www.cityofwaterford.org.

- 6) Lead agencies are encouraged to incorporate into the checklist references to information sources for potential impacts (e.g., general plans, zoning ordinances). Reference to a previously prepared or outside document should, where appropriate, include a reference to the page or pages where the statement is substantiated.
- 7) Supporting Information Sources: A source list should be attached, and other sources used or individuals contacted should be cited in the discussion.
- 8) This is only a suggested form, and lead agencies are free to use different formats; however, lead agencies should normally address the questions from this checklist that are relevant to a project's environmental effects in whatever format is selected.
- 9) The explanation of each issue should identify:
 - a) The significance criteria or threshold, if any, used to evaluate each question; and
 - b) The mitigation measure identified, if any, to reduce the impact to less than significance.

SECTION 3.0 INITIAL STUDY CHECKLIST

1. AESTHETICS -- WOULD THE PROJECT:

	<i>Potentially Significant Impact</i>	<i>Less Than Significant with Mitigation Incorporation</i>	<i>Less Than Significant Impact</i>	<i>No Impact</i>
a) Have a substantial adverse effect on a scenic vista?				X
b) Substantially damage scenic resources, including, but not limited to, trees, rock outcroppings, and historic buildings within a state scenic highway?				X
c) In non-urbanized areas, substantially degrade the existing visual character or quality of public views of the site and its surroundings? (Public views are those that are experienced from publicly accessible vantage points.) If the project is in an urbanized area, would the project conflict with applicable zoning and other regulations governing scenic quality?				X
d) Create a new source of substantial light or glare which would adversely affect day or nighttime views in the area?				X

IMPACT ANALYSIS

a. Would the project have a substantial adverse effect on a scenic vista?

The Proposed Project includes the construction and replacement of water lines and water mains to allow for adequate fire suppression flows within the existing water system. All construction will occur in existing right-of-way. The Proposed Project will not have a substantial adverse effect on any scenic vista as all work will be conducted within existing right-of-way. Therefore, there will be **No Impact**.

b. Would the project substantially damage scenic resources, including, but not limited to, trees, rock outcroppings, and historic buildings along a state scenic highway?

The Proposed Project will not substantially damage scenic resources as all construction will occur in existing right-of-way. Therefore, there will be **No Impact**.

- c. *In non-urbanized areas, would the project substantially degrade the existing visual character or quality of public views of the site and its surroundings? (Public views are those that are experienced from publicly accessible vantage points.) If the project is in an urbanized area, would the project conflict with applicable zoning and other regulations governing scenic quality?*

The Proposed Project includes the replacement and construction of new water lines in existing right-of-way. The Proposed Project will not substantially degrade the existing visual character or quality of the site and its surroundings. Therefore, there will be **No Impact**.

- d. *Would the project create a new source of substantial light or glare which would adversely affect day or nighttime views in the area?*

The Proposed Project includes the construction and replacement of water lines and water mains to allow for adequate fire suppression flows within the existing water system. All construction will occur in existing right-of-way. The Proposed Project will not have a substantial adverse effect on any scenic vista as all work will be conducted within existing right-of-way. Therefore, there will be **No Impact**.

MITIGATION MEASURES:

Mitigation is not required for this topic.

2. AGRICULTURE AND FORESTRY RESOURCES: Would the project:

	Potentially Significant Impact	Less Than Significant with Mitigation Incorporation	Less Than Significant Impact	No Impact
<p>In determining whether impacts to agricultural resources are significant environmental effects, lead agencies may refer to the California Agricultural Land Evaluation and Site Assessment Model (1997, as updated) prepared by the California Department of Conservation as an optional model to use in assessing impacts on agriculture and farmland. In determining whether impacts to forest resources, including timberland, are significant environmental effects, lead agencies may refer to information compiled by the California Department of Forestry and Fire Protection regarding the State’s inventory of forest land, including the Forest and Range Assessment Project and the Forest Legacy Assessment project; and forest carbon measurement methodology provided in Forest Protocols adopted by the California Air Resources Board. Would the Project:</p>				
a) Convert Prime Farmland, Unique Farmland, or Farmland of Statewide Importance (Farmland), as shown on the maps prepared pursuant to the Farmland Mapping and Monitoring Program of the California Resources Agency, to non-agricultural use?				X
b) Conflict with existing zoning for agricultural use, or a Williamson Act contract?				X
c) Conflict with existing zoning for, or cause rezoning of, forest land (as defined in Public Resources Code section 12220(g)), timberland (as defined by Public Resources Code section 4526), or timberland zoned Timberland Production (as defined by Government Code section 51104 (g))?				X
d) Result in the loss of forest land or conversion of forest land to non-forest use?				X
e) Involve other changes in the existing environment which, due to their location or nature, could result in conversion of Farmland, to non-agricultural use or conversion of forest land to non-forest use?				X

IMPACT ANALYSIS

- a. *Would the project convert Prime Farmland, Unique Farmland, Farmland of Statewide Importance (Farmland), as shown on the maps prepared pursuant to the Farmland Mapping and Monitoring Program of the California Resources Agency, to non-agricultural use?*
- b. *Would the project conflict with existing zoning for agricultural use, or a Williamson Act contract?*

- c. *Would the project conflict with existing zoning for, or cause rezoning of, forest land (as defined in Public Resources Code Section 12220(g)), timberland (as defined by Public Resources Code 4526), or timberland zoned Timberland Production (as defined by Government Code Section 51104(g))?*
- d. *Would the project result in the loss of forest land or conversion of forest land to non-forest use?*
- e. *Would the project involve other changes in the existing environment which, due to their location or nature, could result in conversion of Farmland, to non-agricultural use or conversion of forest land to non-forest use?*

The Proposed Project includes the construction and replacement of water lines within existing right-of-way. There will not be conversion or development of land outside of existing right-of-way as a result of the Proposed Project. The Proposed Project will not be located within agricultural lands or land that could be used for future agricultural purposes. Therefore, for the Proposed Project will have **No Impact**.

MITIGATION MEASURES:

Mitigation is not required for this topic.

3. AIR QUALITY -- WOULD THE PROJECT:

	<i>Potentially Significant Impact</i>	<i>Less Than Significant with Mitigation Incorporation</i>	<i>Less Than Significant Impact</i>	<i>No Impact</i>
Where available, the significance criteria established by the applicable air quality management district or air pollution control district may be relied on to make the following determinations. Would the project:				
a) Conflict with or obstruct implementation of the applicable air quality plan?				X
b) Result in a cumulatively considerable net increase of any criteria pollutant for which the project region is non-attainment under an applicable Federal or State ambient air quality standard?				X
c) Expose sensitive receptors to substantial pollutant concentrations?				X
d) Result in other emissions (such as those leading to odors) adversely affecting a substantial number of people?				X

IMPACT ANALYSIS

a. *Would the project conflict with or obstruct implementation of the applicable air quality plan?*

The Proposed Project will be required to adhere to all San Joaquin Valley Air Pollution Control District (SJVAPCD) Rules and Regulations. The Proposed Project will not conflict with any applicable air quality plan. Therefore, the Proposed Project will have **No Impact**.

The following discussion is an analysis for criteria (b) and (c):

b. *Would the project result in a cumulatively considerable net increase of any criteria pollutant for which the project region is non-attainment under an applicable Federal or State ambient air quality standard??*

c. *Would the project expose sensitive receptors to substantial pollutant concentrations?*

As stated previously, the Proposed Project will be required to adhere to all San Joaquin Valley Air Pollution Control District Rules and Regulations and therefore will have **No Impact**.

d. *Would the project result in other emissions (such as those leading to odors) adversely affecting a substantial number of people?*

The Proposed Project includes the replacement and construction of new water lines and is located within existing right-of-way. Further, the Proposed Project will be required to adhere to all San Joaquin Valley Air Pollution Control District Rules and Regulations. Therefore, the Proposed Project will have **No Impact**.

The Proposed Project is not expected to create objectionable odors. All construction will be located within existing right-of-way. Further, the Proposed Project will be required to adhere to all San Joaquin Valley Air Pollution Control District Rules and Regulation. Therefore, the Proposed Project will have **No Impact**.

MITIGATION MEASURES:

Mitigation is not required for this topic.

4. BIOLOGICAL RESOURCES -- WOULD THE PROJECT:

	Potentially Significant Impact	Less Than Significant with Mitigation Incorporation	Less Than Significant Impact	No Impact
a) Have a substantial adverse effect, either directly or through habitat modifications, on any species identified as a candidate, sensitive, or special status species in local or regional plans, policies, or regulations, or by the California Department of Fish and Game or U.S. Fish and Wildlife Service?				X
b) Have a substantial adverse effect on any riparian habitat or other sensitive natural community identified in local or regional plans, policies, and regulations or by the California Department of Fish and Game or U.S. Fish and Wildlife Service?				X
c) Have a substantial adverse effect on Federally protected wetlands as defined by Section 404 of the Clean Water Act (including, but not limited to, marsh, vernal pool, coastal, etc.) through direct removal, filling, hydrological interruption, or other means?				X
d) Interfere substantially with the movement of any native resident or migratory fish or wildlife species or with established native resident or migratory wildlife corridors, or impede the use of native wildlife nursery sites?				X
e) Conflict with any local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance?				X
f) Conflict with the provisions of an adopted Habitat Conservation Plan, Natural Community Conservation Plan, or other approved local, regional, or state habitat conservation plan?				X

IMPACT ANALYSIS

- a. *Would the project have a substantial adverse effect, either directly or through habitat modifications, on any species identified as a candidate, sensitive, or special status in local or regional plans, policies, or regulations, or by the California Department of Fish and Wildlife or the U.S. Fish and Wildlife Service?*

- b. Would the project have a substantial adverse effect on any riparian habitat or other sensitive natural community identified in local or regional plans, policies, or regulations, or by the California Department of Fish and Wildlife or U.S. Fish and Wildlife Service?*
- c. Would the project have a substantial adverse effect on federally protected wetlands as defined by Section 404 of the Clean Water Act (including, but not limited to, marsh, vernal pool, coastal, etc.) through direct removal, filling, hydrological interruption, or other means?*
- d. Would the project interfere substantially with the movement of any native resident or migratory fish or wildlife species or with established native residents or migratory wildlife corridors, or impede the use of native wildlife nursery sites?*
- e. Would the project conflict with any local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance?*
- f. Would the project conflict with the provisions of an adopted Habitat Conservation Plan, Natural Community Conservation Plan, or other approved local, regional, or state habitat conservation plan?*

The Proposed Project includes the construction and replacement of water lines within existing right-of-way. There will be no conversion or development of land outside of existing right-of-way as a result of the Proposed Project. There will be no removal of trees or the disturbing of area outside of the existing right-of-way. The Proposed Project is not a part of an adopted Habitat Conservation Plan. Therefore, the Proposed Project will have **No Impact**.

MITIGATION MEASURES:

Mitigation is not required for this topic.

5. CULTURAL RESOURCES -- Would the project:

	Potentially Significant Impact	Less Than Significant with Mitigation Incorporation	Less Than Significant Impact	No Impact
a) Cause a substantial adverse change in the significance of a historical resource as defined in '15064.5?				X
b) Cause a substantial adverse change in the significance of an archaeological resource pursuant to '15064.5?				X
c) Disturb any human remains, including those interred outside of formal cemeteries?				X

IMPACT ANALYSIS

- a. *Would the project cause a substantial adverse change in the significance of a historical resource as defined in §15064.5?*
- b. *Would the project cause a substantial adverse change in the significance of an archaeological resource as defined in §15064.5?*
- c. *Would the project disturb any human remains, including those interred outside of dedicated cemeteries?*

The Proposed Project includes the construction and replacement of water lines within existing right-of-way. There will be no conversion or development of land outside of existing right-of-way as a result of the Proposed Project. All constructed related activities will be in areas that have been previously disturbed. Therefore, there will be **No Impact**.

MITIGATION MEASURES:

Mitigation is not required for this topic.

6. ENERGY -- Would the project:

	<i>Potentially Significant Impact</i>	<i>Less Than Significant with Mitigation Incorporation</i>	<i>Less Than Significant Impact</i>	<i>No Impact</i>
a) Result in potentially significant environmental impact due to wasteful, inefficient, or unnecessary consumption of energy resources, during project construction or operation?				X
b) Conflict with or obstruct a State or local plan for renewable energy or energy efficiency?				X

IMPACT ANALYSIS

The following discussion is an analysis for criteria (a) and (b):

- a. *Would the project result in potentially significant environmental impact due to wasteful, inefficient, or unnecessary consumption of energy resources, during project construction or operation?*
- b. *Would the project conflict with or obstruct a State or local plan for renewable energy or energy efficiency?*

The Proposed Project includes the construction and replacement of water lines within existing right-of-way. The Proposed Project will not result in any wasteful, inefficient, or unnecessary consumption of energy resources. The Proposed Project will not conflict with any State or Local plan for renewable energy or energy efficiency. Therefore, the Proposed Project will have **No Impact**.

MITIGATION MEASURES:

Mitigation is not required for this topic.

7. GEOLOGY AND SOILS -- WOULD THE PROJECT:

	<i>Potentially Significant Impact</i>	<i>Less Than Significant with Mitigation</i>	<i>Less Than Significant Impact</i>	<i>No Impact</i>
a) Expose people or structures to potential substantial adverse effects, including the risk of loss, injury, or death involving:				X
i) Rupture of a known earthquake fault, as delineated on the most recent Alquist-Priolo Earthquake Fault Zoning Map issued by the State Geologist for the area or based on other substantial evidence of a known fault? Refer to Division of Mines and Geology Special Publication 42.				X
ii) Strong seismic ground shaking?				X
iii) Seismic-related ground failure, including liquefaction?				X
iv) Landslides?				X
b) Result in substantial soil erosion or the loss of topsoil?				X
c) Be located on a geologic unit or soil that is unstable, or that would become unstable as a result of the project, and potentially result in on or off-site landslide, lateral spreading, subsidence, liquefaction or collapse?				X
d) Be located on expansive soil, as defined in Table 18-1-B of the Uniform Building Code (1994), creating substantial risks to life or property?				X
e) Have soils incapable of adequately supporting the use of septic tanks or alternative wastewater disposal systems where sewers are not available for the disposal of wastewater?				X
f) Directly or indirectly destroy a unique paleontological resource or site or unique geologic feature?				X

IMPACT ANALYSIS

The following discussion is an analysis for criteria (a.1) through (a.4):

- a.1. Would the project expose people or structures to potential substantial adverse effects, including the risk of loss, injury, or death involving rupture of a known earthquake, as delineated on the most recent Alquist-Priolo Earthquake Fault Zoning Map issued by the State Geologist for the area or based on other substantial evidence of a known fault?*
- a.2. Would the project expose people or structures to potential substantial adverse effects, including the risk of loss, injury, or death involving strong seismic ground shaking?*
- a.3. Would the project expose people or structures to potential adverse effects, including risk of loss, injury, or death involving seismic-related ground failure, including liquefaction?*
- a.4. Would the project expose people or structures to potential substantial adverse effects, including the risk of loss, injury, or death involving landslides?*
- b. Would the project result in substantial soil erosion or the loss of topsoil?*
- c. Would the project be located on a geologic unit or soil that is unstable as a result of the project, and potentially result in on or off-site landslide, lateral spreading, subsidence, liquefaction, or collapse?*
- d. Would the project be located on expansive soil, as defined in Table 1-B of the Uniform Building Code, creating substantial risks to life or property?*
- e. Would the project have soils incapable of adequately supporting the use of septic tanks or alternative wastewater disposal systems where sewers are not available for the disposal of wastewater?*
- f. Would the project directly or indirectly destroy a unique paleontological resource or site or unique geologic feature?*

The Proposed Project includes the construction and replacement of water lines within existing right-of-way. There will be no conversion or development of land outside of existing right-of-way as a result of the Proposed Project. Therefore, the Proposed Project will have **No Impact**.

MITIGATION MEASURES:

Mitigation is not required for this topic.

8. GREENHOUSE GAS EMISSIONS -- WOULD THE PROJECT:

	<i>Potentially Significant Impact</i>	<i>Less Than Significant with Mitigation</i>	<i>Less Than Significant Impact</i>	<i>No Impact</i>
a) Generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment?				X
b) Conflict with an applicable plan, policy or regulation adopted for the purpose of reducing the emissions of greenhouse gases?				X

IMPACT ANALYSIS

- a. *Would the project generate GHG emissions, either directly or indirectly, that may have a significant impact on the environment?*
- b. *Would the project conflict with any applicable plan, policy, or regulation adopted for the purpose of reducing the emissions of greenhouse gases?*

The Proposed Project includes the construction and replacement of water lines within existing right-of-way. The Proposed Project will generate GHG emissions only during construction. This impact is considered temporary, and will not conflict with any applicable plan, policy, or regulation adopted for the purpose of reducing the emissions of greenhouse gases. Therefore, there will be **No Impact**.

MITIGATION MEASURES:

There are no mitigation measures for this topic.

9. HAZARDS AND HAZARDOUS MATERIALS -- WOULD THE PROJECT:

	<i>Potentially Significant Impact</i>	<i>Less Than Significant with Mitigation Incorporation</i>	<i>Less Than Significant Impact</i>	<i>No Impact</i>
a) Create a significant hazard to the public or the environment through the routine transport, use, or disposal of hazardous materials?				X
b) Create a significant hazard to the public or the environment through reasonably foreseeable upset and accident conditions involving the release of hazardous materials into the environment?				X
c) Emit hazardous emissions or handle hazardous or acutely hazardous materials, substances, or waste within one-quarter mile of an existing or proposed school?				X
d) Be located on a site which is included on a list of hazardous materials sites compiled pursuant to Government Code Section 65962.5 and, as a result, would it create a significant hazard to the public or the environment?				X
e) For a project located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project result in a safety hazard for people residing or working in the project area?				X
f) Impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan?				X
g) Expose people or structures, either directly or indirectly, to a significant risk of loss, injury, or death involving wildland fires?				X

IMPACT ANALYSIS

- a. *Would the project create a significant hazard to the public or the environment through the routine transport, use, or disposal of hazardous materials?*
- b. *Would the project create a significant hazard to the public or the environment through reasonably foreseeable upset and accident conditions involving the release of hazardous materials into the environment?*

- c. *Would the project emit hazardous emissions or handle hazardous or acutely hazardous materials, substances, or waste within 0.25 mile of an existing or proposed school?*
- d. *Would the project be located on a site included on a list of hazardous materials sites compiled pursuant to Government Code Section 65962.5 and, as a result, would it create a significant hazard to the public or the environment?*
- e. *For a project located within an airport land use plan, or where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project result in a safety hazard for people residing or working in the project area?*
- f. *Would the project impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan?*
- g. *Would the project expose people or structures, either directly or indirectly, to a significant risk of loss, injury, or death involving wildland fires?*

The Proposed Project includes the construction and replacement of water lines within existing right-of-way. The Proposed Project does not include the transport, use or disposal of hazardous materials. The Proposed Project is not located within one-quarter mile of an existing or proposed school. The Proposed Project is not located on a site that is on a list of hazardous materials. The Proposed Project is not located near an airport; therefore, will not conflict with an airport land use plan. The Proposed Project will not interfere with an adopted emergency response plan or emergency evacuation plan. The Proposed Project will not expose people or structures to any wildland fire risks. Therefore, the Proposed Project will have **No Impact.**

MITIGATION MEASURES:

There are no mitigation measures for this topic.

10. HYDROLOGY AND WATER QUALITY -- Would the project:

	<i>Potentially Significant Impact</i>	<i>Less Than Significant with Mitigation Incorporation</i>	<i>Less Than Significant Impact</i>	<i>No Impact</i>
a) Violate any water quality standards or waste discharge requirements or otherwise substantially degrade surface or groundwater quality?				X
b) Substantially decrease groundwater supplies or interfere substantially with groundwater recharge such that the project may impede sustainable groundwater management of the basin?				X
c) Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river or through the addition of impervious surfaces, in a manner which would:				X
i) Result in substantial on- or offsite erosion or siltation;				X
ii) Substantially increase the rate or amount of surface runoff in a manner which would result in flooding on- or offsite;				X
iii) Create or contribute runoff water which would exceed the capacity of existing or planned stormwater drainage systems or provide substantial additional sources of polluted runoff; or				X
iv) Impede or redirect flood flows?				X
d) In flood hazard, tsunami, or seiche zones, risk release of pollutants due to project inundation?				X
e) Conflict with or obstruct implementation of a water quality control plan or sustainable groundwater management plan?				X

IMPACT ANALYSIS

The following discussion is an analysis for criteria (a) and (c):

- a. *Would the project violate any water quality standards or waste discharge requirements or otherwise substantially degrade surface or groundwater quality?*

- c. *Would the project substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river or through the addition of impervious surfaces, in a manner which would:*
- i. *Result in substantial on- or offsite erosion or siltation;*
 - ii. *Substantially increase the rate or amount of surface runoff in a manner which would result in flooding on- or offsite;*
 - iii. *Create or contribute runoff water which would exceed the capacity of existing or planned stormwater drainage systems or provide substantial additional sources of polluted runoff;*
or
 - iv. *Impede or redirect flood flows?*

Construction activities associated with the Proposed Project will be required to comply with the Regional Water Quality Control Board (Regional Water Board) General Permit for Storm Water Discharges Associated with Construction and Land Disturbance Activity (Construction General Permit). In addition, the Proposed Project is required to adhere to the City's Vision 2025 General Plan Goals and Policies, the Waterford Municipal Code (WMC) and adopted water master plan. As a result, the Proposed Project will have **No Impact**.

- b. *Would the project substantially decrease groundwater supplies or interfere substantially with groundwater recharge such that the project may impede sustainable groundwater management of the basin?*

The Proposed Project includes the construction and replacement of water lines within existing right-of-way. The Proposed Project will not substantially deplete groundwater supplies or interfere substantially with groundwater recharge such that there would be a net deficit. Therefore, the Proposed Project will have **No Impact**.

- d. *In flood hazard, tsunami, or seiche zones, would the project risk release of pollutants due to project inundation?*

The Proposed Project would not alter the course of a stream or a river. No alteration of a stream or river is proposed. However, the Proposed Project will be required to adhere to construction- and operation-phase stormwater requirements through a Stormwater Pollution Prevention Plan (SWPPP) and Stormwater Control Plan (SCP) and would ensure that development of the Proposed Project would not result in substantial erosion or siltation on- or off-site. Therefore, the Proposed Project will have **No Impact**.

- e. *Would the project conflict with or obstruct implementation of a water quality control plan or sustainable groundwater management plan?*

The Proposed Project is located within Flood Zone X, Area of Minimal Flooding (FIRM Map No. 06099C0369E, dated September 26, 2008), and is not located within a 100-year flood plain. Therefore, the Proposed Project will have **No Impact**.

The Proposed Project is not located near or adjacent to a levee or dam. Therefore, the risk of loss, injury, or death that occurs as a result of the failure of a dam or levee is minimal. The Proposed Project will have **No Impact**.

Seiches, Tsunamis, and mudflow generally occur on lands located near or adjacent to an ocean. The Proposed Project is located within the Central Valley, miles from the Pacific Ocean. Therefore, the Proposed Project will have **No Impact**.

MITIGATION MEASURES:

There are no mitigation measures for this topic.

11. LAND USE AND PLANNING - Would the project:

	<i>Potentially Significant Impact</i>	<i>Less Than Significant with Mitigation Incorporation</i>	<i>Less Than Significant Impact</i>	<i>No Impact</i>
a) Physically divide an established community?				X
b) Cause a significant environmental impact due to a conflict with any land use plan, policy, or regulation adopted for the purpose of avoiding or mitigating an environmental effect?				X

IMPACT ANALYSIS

- a. *Would the project physically divide an established community?*
- b. *Would the project cause a significant environmental impact due to a conflict with any land use plan, policy, or regulation adopted for the purpose of avoiding or mitigating an environmental effect?*

The Proposed Project includes the construction and replacement of water lines within existing right-of-way. The Proposed Project is to consolidate two (2) existing water systems into one (1) system to improve fire suppression flows throughout the area. The Proposed Project will not physically divide an established community, conflict with any applicable land use plan, or conflict with an applicable habitat conservation plan. Therefore, the Proposed Project will have **No Impact**.

MITIGATION MEASURES:

Mitigation is not required for this topic.

12. MINERAL RESOURCES -- WOULD THE PROJECT:

	<i>Potentially Significant Impact</i>	<i>Less Than Significant with Mitigation Incorporation</i>	<i>Less Than Significant Impact</i>	<i>No Impact</i>
a) Result in the loss of availability of a known mineral resource that would be of value to the region and the residents of the State?				X
b) Result in the loss of availability of a locally important mineral resource recovery site delineated on a local general plan, specific plan or other land use plan?				X

IMPACT ANALYSIS

The following discussion is an analysis for criteria (a) and (b):

- a. *Would the project result in the loss of availability of a known mineral resource that would be of value to the region and the residents of the State?*
- b. *Would the project result in the loss of availability of a locally important mineral resource recovery site delineated on a local general plan, specific plan, or other land use plan?*

Based on a review of the City’s Vision 2025 General Plan, the Proposed Project is not located within a site known to contain mineral resources of regional or statewide value, nor is it located on a mineral resource recovery site. Therefore, the Proposed Project will have **No Impact**.

MITIGATION MEASURES:

Mitigation is not required for this topic.

13. NOISE -- WOULD THE PROJECT RESULT IN:

	Potentially Significant Impact	Less Than Significant with Mitigation Incorporation	Less Than Significant Impact	No Impact
a) Generation of a substantial temporary or permanent increase in ambient noise levels in the vicinity of the project in excess of standards established in the local general plan or noise ordinance, or in other applicable local, State, or Federal standards?				X
b) Generation of excessive groundborne vibration or groundborne noise levels?				X
c) For a project located within the vicinity of a private airstrip or an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project expose people residing or working in the project area to excessive noise levels?				X

IMPACT ANALYSIS

- a. *Would the project result in the generation of a substantial temporary or permanent increase in ambient noise levels in the vicinity of the project in excess of standards established in the local general plan or noise ordinance, or in other applicable local, State, or Federal standards?*
- b. *Would the project result in the Generation of excessive groundborne vibration or groundborne noise levels?*
- c. *For a project located within the vicinity of a private airstrip or an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project expose people residing or working in the project area to excessive noise levels?*

The Proposed Project includes the construction and replacement of water lines within existing right-of-way. In addition, the Proposed Project is required to adhere to the City’s Vision 2025 General Plan Goals and Policies, and the Waterford Municipal Code (WMC). Therefore, the Proposed Project will have **No Impact**.

MITIGATION MEASURES:

Mitigation is not required for this topic.

14. POPULATION AND HOUSING -- WOULD THE PROJECT:

	<i>Potentially Significant Impact</i>	<i>Less Than Significant with Mitigation Incorporation</i>	<i>Less Than Significant Impact</i>	<i>No Impact</i>
a) Induce substantial population growth in an area, either directly (for example, by proposing new homes and businesses) or indirectly (for example, through extension of roads or other infrastructure)?				X
b) Displace substantial numbers of existing people or housing, necessitating the construction of replacement housing elsewhere?				X

IMPACT ANALYSIS

- a. *Would the project induce substantial population in one area, either directly (for example, by proposing new homes and businesses) or indirectly (for example, through extension of roads or other infrastructure)?*
- b. *Would the project displace substantial numbers of existing people or housing, necessitating the construction of replacement housing elsewhere?*

The Proposed Project would not result in the permanent creation of new jobs that would induce substantial population growth. Additionally, the Proposed Project includes the consolidation of two (2) water systems into one (1) system to improve fire suppression flows throughout the area. The Proposed Project will not displace any individuals. Therefore, there is **No Impact**.

MITIGATION MEASURES:

Mitigation is not required for this topic.

15. PUBLIC SERVICES – WOULD THE PROJECT:

	Potentially Significant Impact	Less Than Significant with Mitigation Incorporation	Less Than Significant Impact	No Impact
a) Would the project result in substantial adverse physical impacts associated with the provision of new or physically altered governmental facilities, need for new or physically altered governmental facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times or other performance objectives for any of the public services:				
a) Fire protection?				X
b) Police protection?				X
c) Schools?				X
d) Parks?				X
e) Other public facilities?				X

IMPACT ANALYSIS

- a. *Would the project result in substantial adverse physical impacts associated with the provision of new or physically altered governmental facilities, or the need for new or physically altered governmental facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times, or other performance objectives for fire protection?*
- b. *Would the project result in substantial adverse physical impacts associated with the provision of new or physically altered governmental facilities, or the need for new or physically altered governmental facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times, or other performance objectives for police protection?*
- c. *Would the project result in substantial adverse physical impacts associated with the provision of new or physically altered governmental facilities, or the need for new or physically altered governmental facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times, or other performance objectives for schools?*
- d. *Would the project result in substantial adverse physical impacts associated with the provision of new or physically altered governmental facilities, or the need for new or physically altered governmental facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times, or other performance objectives for parks?*
- e. *Would the project result in substantial adverse physical impacts associated with the provision of new or physically altered governmental facilities, or the need for new or physically altered governmental*

facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times, or other performance objectives for other public facilities?

The Proposed Project includes the construction and replacement of water lines within existing right-of-way. In addition, the Proposed Project is required to adhere to the City's Vision 2025 General Plan Goals and Policies, the Waterford Municipal Code (WMC) and adopted water master plan. Therefore, there is **No Impact**.

MITIGATION MEASURES:

Mitigation is not required for this topic.

16. RECREATION - WOULD THE PROJECT:

	Potentially Significant Impact	Less Than Significant with Mitigation Incorporation	Less Than Significant Impact	No Impact
a) Would the project increase the use of existing neighborhood and regional parks or other recreational facilities such that substantial physical deterioration of the facility would occur or be accelerated?				X
b) Does the project include recreational facilities or require the construction or expansion of recreational facilities which might have an adverse physical effect on the environment?				X

IMPACT ANALYSIS

- a. *Would the project increase the use of existing neighborhood and regional parks or other recreational facilities such that substantial physical deterioration of the facility would occur or accelerated?*
- b. *Does the project include recreational facilities or require the construction or expansion of recreational facilities which might have an adverse physical effect on the environment?*

The Proposed Project includes the construction and replacement of water lines within existing right-of-way. The Proposed Project will not encourage any growth with the area. The Proposed Project will not increase the use of existing neighborhood and regional parks. Therefore, the Proposed Project will have **No Impact**.

MITIGATION MEASURES:

Mitigation is not required for this topic.

17. TRANSPORTATION/TRAFFIC -- WOULD THE PROJECT:

	<i>Potentially Significant Impact</i>	<i>Less Than Significant with Mitigation Incorporation</i>	<i>Less Than Significant Impact</i>	<i>No Impact</i>
a) Conflict with a program, plan, ordinance or policy addressing the circulation system, including transit, roadway, bicycle, and pedestrian facilities?				X
b) Conflict or be inconsistent with CEQA Guidelines section 15064.3, subdivision (b)?				X
c) Substantially increase hazards due to a geometric design feature (e.g., sharp curves or dangerous intersections) or incompatible uses (e.g., farm equipment)?				X
d) Result in inadequate emergency access?				X

IMPACT ANALYSIS

The following discussion is an analysis for criteria (a), (b), (c), and (d):

- a. *Would the project conflict with a program, plan, ordinance or policy addressing the circulation system, including transit, roadway, bicycle, and pedestrian facilities?*
- b. *Would the project conflict or be inconsistent with CEQA Guidelines section 15064.3, subdivision (b)?*
- c. *Would the project substantially increase hazards due to a geometric design feature (e.g., sharp curves or dangerous intersections) or incompatible uses (e.g., farm equipment)?*
- d. *Would the project result in inadequate emergency access?*

The Proposed Project includes the construction and replacement of water lines within existing right-of-way. In addition, the Proposed Project is required to adhere to the City’s Vision 2025 General Plan Goals and Policies, the Waterford Municipal Code (WMC). Therefore, the Proposed Project will have **No Impact**.

MITIGATION MEASURES:

Mitigation is not required for this topic.

18. TRIBAL CULTURAL RESOURCES -- WOULD THE PROJECT:

	Potentially Significant Impact	Less Than Significant with Mitigation Incorporation	Less Than Significant Impact	No Impact
a) Would the project cause a substantial adverse change in the significance of a tribal cultural resource defined in Public Resources Code Section 21074 as either a site, feature, place, cultural landscape that is geographically defined in terms of the size and scope of the landscape, sacred place, or object with cultural value to a California Native American tribe, and that is:				
i) Listed or eligible for listing in the California Register of Historical Resources, or in a local register of historical resources as defined in Public Resources Code section 5020.1 (k)?				X
ii) A resource determined by the lead agency, in its discretion and supported by substantial evidence, to be significant pursuant to criteria set forth in subdivision (c) of Public Resources Code Section 5024.1. In applying the criteria set forth in subdivision (c) of Public Resource Code Section 5024.1, the lead agency shall consider the significance of the resource to a California Native American tribe?				X

IMPACT ANALYSIS

The following discussion is an analysis for criteria (a.1) and a.2):

- a. *Would the project cause a significant adverse change in the significance of a tribal cultural resource, defined in Public Resources Code Section 21074 as either a site, feature, place, cultural landscape that is geographically defined in terms of the size and scope of the landscape, sacred place, or object with cultural value to a California Native American tribe, and that is:*
 1. *Listed or eligible for listing in the California Register of Historical Resources, or in a local register of historical resources as defined in Public Resources Code Section 5020.1(k)?*
 2. *A resource determined by the lead agency, in its discretion and supported by substantial evidence, to be significant pursuant to criteria set forth in subdivision (c) of Public Resources Code Section 5024.1. In applying the criteria set forth in subdivision (c) of Public Resource Code Section 5024.1, the lead agency shall consider the significance of the resource to a California Native American tribe?*

Tribal Cultural Resources (TCRs) consider the value of a resource to tribal cultural tradition, heritage, and identity, to establish potential mitigation options for TCRs, and to recognize that California Native American tribes have expertise concerning their tribal history and practices.

AB 52 requires lead agencies to conduct formal consultations with California Native American tribes during the CEQA process to identify TCRs that may be subject to significant impacts by a Proposed Project. Where a Proposed Project may have a significant impact on a tribal cultural resource, the lead agency's environmental document must discuss the impact and whether feasible alternatives or mitigation measures could avoid or substantially lessen the impact. This consultation requirement applies only if the tribes have sent written requests for notification of Proposed Projects to the lead agency.

The City of Waterford has not received any written requests for notification of Proposed Projects in accordance with AB 52. Therefore, the Proposed Project will have **No Impact**.

MITIGATION MEASURES:

Mitigation is not required for this topic.

19. UTILITIES AND SERVICE SYSTEMS -- WOULD THE PROJECT:

	Potentially Significant Impact	Less Than Significant with Mitigation Incorporation	Less Than Significant Impact	No Impact
a) Require or result in the relocation or construction of construction of new or expanded water, wastewater treatment or stormwater drainage, electric power, natural gas, or telecommunication facilities, the construction or relocation of which could cause significant environmental effects?				X
b) Have sufficient water supplies available to serve the project and reasonably foreseeable future development during normal, dry and multiple dry years?				X
c) Result in a determination by the wastewater treatment provider that serves or may serve the project that it has adequate capacity to serve the project's projected demand, in addition to the provider's existing commitments?				X
d) Generate solid waste in excess of State or local standards, or in excess of the capacity of local infrastructure, or otherwise impair the attainment of solid waste reduction goals?				X
e) Comply with Federal, State, and local management and reduction statutes and regulations related to solid waste?				X

IMPACT ANALYSIS

The following discussion is an analysis for criteria (a), (b), (c), (d) and (e):

- a. *Would the project require or result in the relocation or construction of construction of new or expanded water, wastewater treatment or stormwater drainage, electric power, natural gas, or telecommunication facilities, the construction or relocation of which could cause significant environmental effects?*
- b. *Would the project have sufficient water supplies available to serve the project and reasonably foreseeable future development during normal, dry and multiple dry years?*

- c. *Would the project result in a determination by the wastewater treatment provider that serves or may serve the project that it has adequate capacity to serve the project's projected demand, in addition to the provider's existing commitments?*
- d. *Would the project generate solid waste in excess of State or local standards, or in excess of the capacity of local infrastructure, or otherwise impair the attainment of solid waste reduction goals?*
- e. *Would the project comply with Federal, State, and local management and reduction statutes and regulations related to solid waste?*

The Proposed Project will not produce any wastewater, would not require the construction of additional wastewater or water treatment facilities, would not require construction of new storm water drainage facilities or expansion of existing storm water drainage facilities. In addition, the Proposed Project is required to adhere to the City's Vision 2025 General Plan Goals and Policies, and the Waterford Municipal Code (WMC). Lastly, the Proposed Project will be required to comply with federal, state, and local statutes and regulations. Therefore, the Proposed Project will have **No Impact**.

MITIGATION MEASURES:

Mitigation is not required for this topic.

20. WILDFIRE -- WOULD THE PROJECT:

	Potentially Significant Impact	Less Than Significant with Mitigation Incorporation	Less Than Significant Impact	No Impact
If located in or near State responsibility areas or lands classified as very high fire hazard severity zones, would the project:				
a) Substantially impair an adopted emergency response plan or emergency evacuation plan?				X
b) Due to slope, prevailing winds, and other factors, exacerbate wildfire risks, and thereby expose project occupants to pollutant concentrations from a wildfire or the uncontrolled spread of a wildfire?				X
c) Require the installation of associated infrastructure (such as roads, fuel breaks, emergency water sources, power lines or other utilities) that may exacerbate fire risk or that may result in temporary or ongoing impacts to the environment?				X
d) Expose people or structures to significant risks, including downslope or downstream flooding or landslides, as a result of runoff, post-fire slope instability, or drainage changes?				X

IMPACT ANALYSIS

The following discussion is an analysis for criteria (a), (b), (c), and (d):

- a. *Would the project substantially impair an adopted emergency response plan or emergency evacuation plan?*
- b. *Would the project due to slope, prevailing winds, and other factors, exacerbate wildfire risks, and thereby expose project occupants to pollutant concentrations from a wildfire or the uncontrolled spread of a wildfire?*
- c. *Would the project require the installation of associated infrastructure (such as roads, fuel breaks, emergency water sources, power lines or other utilities) that may exacerbate fire risk or that may result in temporary or ongoing impacts to the environment?*
- d. *Would the project expose people or structures to significant risks, including downslope or downstream flooding or landslides, as a result of runoff, post-fire slope instability, or drainage changes?*

The Proposed Project is not located in or near State responsibility areas or lands classified as very high fire hazard severity zones. Therefore, the Project will have **No Impact**.

MITIGATION MEASURES:

Mitigation is not required for this topic.

21. MANDATORY FINDINGS OF SIGNIFICANCE -- WOULD THE PROJECT:

	<i>Potentially Significant Impact</i>	<i>Less Than Significant with Mitigation Incorporation</i>	<i>Less Than Significant Impact</i>	<i>No Impact</i>
a) Does the project have the potential to degrade the quality of the environment, substantially reduce the habitat of a fish or wildlife species, cause a fish or wildlife population to drop below self-sustaining levels, threaten to eliminate a plant or animal community, reduce the number or restrict the range of a rare or endangered plant or animal or eliminate important examples of the major periods of California history or prehistory?				X
b) Does the project have impacts that are individually limited, but cumulatively considerable? ("Cumulatively considerable" means that the incremental effects of a project are considerable when viewed in connection with the effects of past projects, the effects of other current projects, and the effects of probable future projects)?				X
c) Does the project have environmental effects which will cause substantial adverse effects on human beings, either directly or indirectly?				X

IMPACT ANALYSIS

- a. *Does the project have the potential to degrade the quality of the environment, substantially reduce the habitat of a fish or wildlife species, cause a fish or wildlife population to drop below self-sustaining levels, eliminate a plant or animal community, reduce the number or restrict the range of a rare or endangered plant or animal or eliminate important examples of the major periods of California history or prehistory?*

The Proposed Project includes the construction and replacement of water lines within existing right-of-way. In addition, the Proposed Project is required to adhere to the City’s Vision 2025 General Plan Goals and Policies, the Waterford Municipal Code (WMC). Last, the Proposed Project will be required to adhere to all State and federal regulations. The Proposed Project does not have the potential to degrade the quality of the environment, substantially reduce the habitat of a fish or wildlife species, cause a fish or wildlife species population to drop below self-sustaining levels, or eliminate a plant or animal species. Therefore, the Proposed Project will have **No Impact**.

b. Does the project have impacts that are individually limited, but cumulatively considerable? (“Cumulatively considerable” means that the incremental effects of a project are considerable when viewed in the connection with the effects of past projects, the effects of other current projects, and the effects of probable future projects)?

The Proposed Project does not have impacts that are individually limited, but cumulatively considerable. Therefore, there is **No Impact**.

c. Does the project have environmental effects which will cause substantial adverse effects on human beings, either directly or indirectly?

The Proposed Project does not have environmental effects which will cause substantial adverse effects on human beings directly or indirectly. Therefore, there is **No Impact**.

MITIGATION MEASURES:

Mitigation is not required for this topic.

REFERENCES

In accordance with Section 15063(a)(3) of the CEQA Guidelines, the following expert opinion, technical studies, and substantial evidence has been referenced and/or cited in the discussion included in the Initial Study Checklist:

- _____. 2017. "AB 32 Scoping Plan." California Environmental Protection Agency. Last modified: January 23, 2017. <https://www.arb.ca.gov/cc/scopingplan/scopingplan.htm>. (Accessed March 2018).
- California Environmental Protection Agency (CalEPA). 2006. *Climate Action Team Report to Governor Schwarzenegger and the Legislature*. Sacramento, CA. March 2006.
http://www.climatechange.ca.gov/climate_action_team/reports/2006report/2006-04-03_FINAL_CAT_REPORT.PDF.
- _____. 2017b. *California Environmental Quality Act: Air Quality Guidelines*. San Francisco, CA. May 2017. http://www.baaqmd.gov/~/media/files/planning-andresearch/ceqa/ceqa_guidelines_may2017-pdf.pdf?la=en.
- City of Waterford. 2006. *Vision 2025 General Plan and Environmental Impact Report*. Waterford, CA. 2006.
- _____. 2007. *City of Waterford Municipal Service Review*. Waterford, CA. 2007.
- _____. 2006. *City of Waterford Sewer System Master Plan*. Waterford, CA. February, 2006.
- _____. 2016. *City of Waterford 2016 Water Master Plan*. Waterford, CA. April, 2016.
- Department of Transportation. 2008. *Scenic Highway Guidelines*. Sacramento, CA. October 2008.
http://www.dot.ca.gov/hq/LandArch/16_livability/scenic_highways/guidelines/scenic_hwy_guidelines_04-12-2012.pdf.
- Federal Emergency Management Agency (FEMA). 2008. *Flood Insurance Rate Map: Santa Clara County, California and Incorporated Areas: No. 06099C0369E*. [map.]. Tabular digital data and vector digital data. Washington, D.C. United States Department of Homeland Security.
<https://msc.fema.gov/portal/search?AddressQuery=Waterford%2C%20cA#searchresultsanchor>
(Accessed November 2018).
- San Joaquin Valley Air Pollution Control District. *Rule 9510 Compliance Air Impact Assessment*. October 11, 2018.