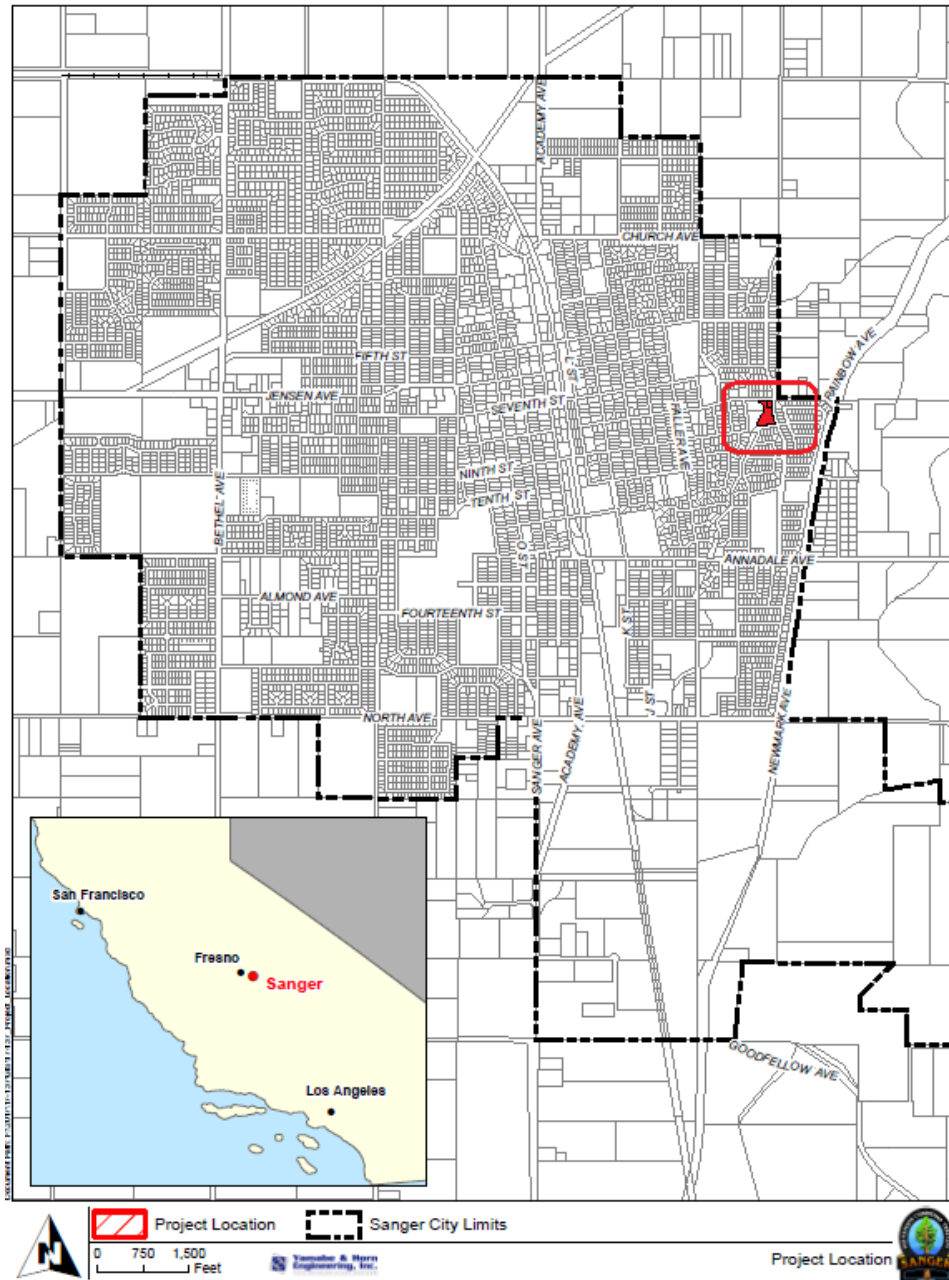


City of Sanger

Initial Environmental Study and Proposed Mitigated Negative Declaration

Site Plan Review No. 2018-06 City of Sanger Municipal Water Well No. 16



Prepared by
City of Sanger
Planning Department

**INITIAL STUDY
GENERAL INFORMATION**

Project Name: Site Plan Review No. 2018-06
City of Sanger Water Well No. 16.

Project Description: Development of City of Sanger Municipal Water Well No. 16.
The new well site will include: well, well house, filtration tanks, block wall, drive way, and landscaping.

Project Location: The south west corner of 8th Street and Quality Avenue.
APN 320-337-01T

General Plan: Parks/Open Space **Zoning:** RSC

Surrounding the Project Location

	<u>Land Use</u>	<u>General Plan</u>	<u>Zoning</u>
<u>North:</u>	Single-Family Dwellings	Residential – Low Medium	R-1-6
<u>South:</u>	Single-Family Dwellings	Residential – Low Medium	R-1-6
<u>East:</u>	Single-Family Dwellings	Residential – Low Medium	R-1-6
<u>West:</u>	Park and Ponding Basin	Parks/Open Space	RSC

Applicant’s Name: City of Sanger

Applicant’s Address: City of Sanger
1700 7th Street
Sanger, CA 93657

Submit Comments To: David Brletic, Senior Planner

Contact Information: City of Sanger
Planning Department
David Brletic, Senior Planner
1700 7th Street
Sanger, CA 93657
(559) 876-6300, Ext. 1540
Email: dbrletic@ci.sanger.ca.us

Initial Environmental Study

This document is a review of potential environmental impacts that may occur if the City approves the proposed project referenced above. The California Environmental Quality Act of 1970 (CEQA) requires government agencies to analyze how land use “projects” may impact the environment - before considering and approving or denying the project. Once the document is prepared, it must be made available to the public and circulated for review to potentially affected public agencies for a period of 20 days. An environmental study may recommend measures to reduce or eliminate environmental impacts. These measures (called mitigation measures) may include actions to be taken during project construction (such as watering soils to keep down dust during construction) or may include changes to the design of the project itself.

How does the City review this project?

Following review by City staff, this particular project will require approval by the Community Development Director. If you have any questions regarding this matter, please contact David Brletic, Senior Planner at (559) 876-6300, ext. 1540.

DETERMINATION

On the basis of this initial study:

- I find 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 the project proponent has agreed to revise the project to avoid any significant effect. A MITIGATED NEGATIVE DECLARATION will be prepared.**
- I find the proposed project could have a significant effect on the environment, and an ENVIRONMENTAL IMPACT REPORT (EIR) is required.
- I find the proposed project could have a significant effect on the environment, but at least one effect has been (1) adequately analyzed in a previous document pursuant to applicable legal standards, and (2) addressed by mitigation measures based on the previous analysis as described in the attached initial study. An EIR is required that analyzes only the effects that were not adequately addressed in a previous document.
- I find that although the proposed project could have a significant effect on the environment, no further environmental analysis is required because all potentially significant effects have been (1) adequately analyzed in an earlier EIR or NEGATIVE DECLARATION pursuant to applicable standards, and (2) avoided or mitigated pursuant to that earlier EIR or NEGATIVE DECLARATION, including revisions or mitigation measures that are included in the project, and further analysis is not required.

November 1, 2018

Date



Signature

Name of Preparer: David Brletic
Phone No.: (559) 876-6300, Ext. 1540

CHECKLIST – DISCUSSION OF POTENTIAL ENVIRONMENTAL IMPACTS

This section of the Initial Environmental Study analyzes potential impacts of the proposed project. For each topic a determination of the magnitude of the impact is made (via checklist) and then the impact is analyzed and discussed. Where appropriate, mitigation measures are identified that will reduce or eliminate an impact.

Potentially Significant <u>Impact</u>	Less Than Significant with <u>Mitigation</u>	Less Than Significant <u>Impact</u>	No <u>Impact</u>
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I. AESTHETICS Would the project:

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|---|--------------------------|--------------------------|--------------------------|-------------------------------------|
| 1. Have a substantial adverse effect on a scenic vista? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
|---|--------------------------|--------------------------|--------------------------|-------------------------------------|

Discussion: The proposed project will have **no impact** on a scenic vista. The proposed project is development of City of Sanger Municipal Water Well No. 16. The project site is located between a new subdivision and an existing public park and ponding basin. The project site is similar in size to a residential lot. The proposed project includes a block wall around the site with an iron gate and landscaping around the site.

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|--|--------------------------|--------------------------|--------------------------|-------------------------------------|
| 2. Substantially damage scenic resources, including, but not limited to, trees, rock outcroppings, and historic buildings within a state scenic highway? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
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Discussion: The proposed project will have **no impact** on damaging scenic resources. There are no known resources in close proximity to the site.

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| 3. Substantially degrade the existing visual character or quality of the site and its surroundings? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
|---|--------------------------|--------------------------|-------------------------------------|--------------------------|

Discussion: The proposed project will have a **less than significant impact** on degrading the existing visual character or quality of the site and its surroundings. The project site is located between a new subdivision and an existing public park and ponding basin. The project site is similar in size to a residential lot. The proposed project includes a block wall around the site with an iron gate and landscaping around the site. The design of the site improvements are intended to compatible with the surroundings.

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| 4. Create a new source of substantial light or glare that would adversely affect day or nighttime views in the area? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
|--|--------------------------|--------------------------|-------------------------------------|--------------------------|

Discussion: The proposed project will have a **less than significant impact** on creating a new source of substantial light or glare that would adversely affect day or nighttime views in the area. The project site is similar in size to a residential lot and contains minimal lighting, comparable to that of a single-family dwelling. Routine maintenance of the facility will be conducted during typical business hours.

II. AGRICULTURE RESOURCES *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) prepared by the California Dept. 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 the forest carbon measurement methodology provided in the Forest Protocols adopted by the California Air Resources Board. Would the project:*

	Potentially Significant Impact	Less Than Significant with Mitigation	Less Than Significant Impact	No Impact
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|--|--------------------------|--------------------------|--------------------------|-------------------------------------|
| 1. 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? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
|--|--------------------------|--------------------------|--------------------------|-------------------------------------|

Discussion: The proposed project will have no impact. On conversion of prime farmland. The project site is located within the city limits. The project site is not identified as prime farmland. The project site is located between a new subdivision and an existing public park and ponding basin. The project site is similar in size to a residential lot.

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| 2. Conflict with existing zoning for agricultural use, or a Williamson Act contract? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
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Discussion: The proposed project will have no impact on conflicting with agricultural zoning or Williamson Act contract. The project site is located within the city limits, not zoned for agricultural use, and not under Williamson Act contract.

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| 3. Conflict with existing zoning for, or cause rezoning of, forest land (as defined in Public Resources Code section 12220(g)) or timberland (as defined in Public Resources Code section 4526)? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
|--|--------------------------|--------------------------|--------------------------|-------------------------------------|

Discussion: The proposed project will have no impact on conflicting with forest land zoning. The project site is located within the city limits and is not zoned for forest land.

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| 4. Result in the loss of forest land or conversion of forest land to non-forest use? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
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Discussion: The proposed project will have no impact on loss of or conversion of forest land. The project site is located within the city limits and is not forest land.

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| 5. Involve other changes in the existing environment that due to their location or nature could result in conversion of Farmland, to non-agricultural use or conversion of forestland to non-forest use? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
|--|--------------------------|--------------------------|--------------------------|-------------------------------------|

Discussion: The proposed project will have no impact changes in the existing environment that resulting conversion of farmland. The proposed City of Sanger Municipal Water Well No. 16 is intended to serve the existing city limits and is part of the approved Water Master Plan of the 2025 City of Sanger General Plan.

III. AIR QUALITY Where available, the significance criteria established by the applicable air quality management or air pollution control district may be relied upon to make the following determinations. Would the project:

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|---|--------------------------|--------------------------|--------------------------|-------------------------------------|
| 1. Conflict with or obstruct implementation of the applicable air quality plan? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
|---|--------------------------|--------------------------|--------------------------|-------------------------------------|

Potentially Significant Impact	Less Than Significant with Mitigation	Less Than Significant Impact	No Impact
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Discussion: The proposed project will have **no impact** on conflicting with or obstructing implementation of an applicable air quality plan. The proposed project is development of City of Sanger Municipal Water Well No. 16. The proposed well pump is electrically powered with an emergency back-up diesel generator. Emissions generated at the site would be insignificant.

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|--|--------------------------|--------------------------|--------------------------|-------------------------------------|
| 2. Violate any air quality standard or contribute substantially to an existing or projected air quality violation? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
|--|--------------------------|--------------------------|--------------------------|-------------------------------------|

Discussion: The proposed project will have **no impact** on violating any air quality standard or contribute substantially to an existing or projected air quality violation. The proposed project is development of City of Sanger Municipal Water Well No. 16. The proposed well pump is electrically powered with an emergency back-up diesel generator. Emissions generated at the site would be insignificant.

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|--|--------------------------|--------------------------|--------------------------|-------------------------------------|
| 3. Result in a cumulatively net increase of any criteria pollutant for which the project region is non-attainment under an applicable federal or state ambient air quality standard (including releasing emissions which exceed quantitative thresholds for ozone precursors)? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
|--|--------------------------|--------------------------|--------------------------|-------------------------------------|

Discussion: The proposed project will have **no impact** on violating any air quality standard or contribute substantially to an existing or projected air quality violation. The proposed project is development of City of Sanger Municipal Water Well No. 16. The proposed well pump is electrically powered with an emergency back-up diesel generator.

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|--|--------------------------|--------------------------|-------------------------------------|--------------------------|
| 4. Expose sensitive receptors to substantial pollutant concentrations? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
|--|--------------------------|--------------------------|-------------------------------------|--------------------------|

Discussion: The proposed project will have a **less than significant impact** on exposing sensitive receptors to substantial pollutant concentrations. The proposed project is development of City of Sanger Municipal Water Well No. 16. The proposed well pump is electrically powered with an emergency back-up diesel generator. The emergency back-up generator requires a permit from the San Joaquin Valley Air Pollution Control District.

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|---|--------------------------|--------------------------|-------------------------------------|--------------------------|
| 5. Create objectionable odors affecting a substantial number of people? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
|---|--------------------------|--------------------------|-------------------------------------|--------------------------|

Discussion: The proposed project will have a **less than significant impact** on create objectionable odors affecting a substantial number of people. The proposed project is development of City of Sanger Municipal Water Well No. 16. The proposed well pump is electrically powered with an emergency back-up diesel generator. Emissions generated at the site would be insignificant. The proposed well uses chlorine for treatment of water. Chlorine treatment is within a contained system and will generate minimal to zero smell.

IV. BIOLOGICAL RESOURCES Would the project:

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|---|--------------------------|--------------------------|--------------------------|-------------------------------------|
| 1. 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 | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
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Potentially Significant <u>Impact</u>	Less Than Significant with <u>Mitigation</u>	Less Than Significant <u>Impact</u>	<u>No Impact</u>
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Fish and Game or U.S. Fish and Wildlife Service?

Discussion: The proposed project will have no impact on habitat modification for any species identified as a candidate, sensitive, or special status species. The proposed project site surrounded by urbanization. There are no known candidate, sensitive, or special status species located on the project sites and the projects sites are not known to serve as habitat for such species.

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| 2. 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 US Fish and Wildlife Service? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
|--|--------------------------|--------------------------|--------------------------|-------------------------------------|

Discussion: The proposed project will have no impact. The proposed project locations are surrounded by urbanization. There are no known areas of riparian habitat or other sensitive natural communities on or adjacent to the project sites. In addition, the proposed project does not include development. All future projects will be subject to CEQA review.

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| 3. 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? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
|---|--------------------------|--------------------------|--------------------------|-------------------------------------|

Discussion: The proposed project will have no impact federally protected wetlands. There are no known wetlands on the proposed project site.

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| 4. 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? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
|--|--------------------------|--------------------------|--------------------------|-------------------------------------|

Discussion: The proposed project will have no impact on interfering with the movement of any migratory fish or wildlife. The proposed project site is not known to serve as a wildlife corridor. The proposed project site is similar in size to a residential lot.

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| 5. Conflict with any local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
|---|--------------------------|--------------------------|--------------------------|-------------------------------------|

Discussion: The proposed project will have no impact on conflicting with any local policies or ordinances protecting biological resources. There are no such policies in place. The proposed project site is similar in size to a residential lot and is vacant.

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|--|--------------------------|--------------------------|--------------------------|-------------------------------------|
| 6. Conflict with the provisions of an adopted Habitat Conservation Plan, Natural Community Conservation Plan, or other approved local, regional, or state habitat conservation plan? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
|--|--------------------------|--------------------------|--------------------------|-------------------------------------|

Potentially Significant <u>Impact</u>	Less Than Significant with <u>Mitigation</u>	Less Than Significant <u>Impact</u>	<u>No Impact</u>
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Discussion: The proposed project will have **no impact** conflicting with the provisions of an adopted Habitat Conservation Plan, Natural Community Conservation Plan, or other approved local, regional, or state habitat conservation plan. There are no adopted habitat conservation plans that apply to the proposed project site. The proposed project site is similar in size to a residential lot and is vacant.

V. CULTURAL Would the project:

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|---|--------------------------|--------------------------|--------------------------|-------------------------------------|
| 1. Cause a substantial adverse change in the significance of a historical resource as defined in 15064.5? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
|---|--------------------------|--------------------------|--------------------------|-------------------------------------|

Discussion: The proposed project will have **no impact** causing a substantial adverse change in the significance of a historical resource as defined in 15064.5. There are no known historical resources on the proposed project site or within the vicinity of the proposed project site. The proposed project site is similar in size to a residential lot and is vacant.

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|--|--------------------------|--------------------------|--------------------------|-------------------------------------|
| 2. Cause a substantial adverse change in the significance of an archaeological resource as defined in 15064.5? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
|--|--------------------------|--------------------------|--------------------------|-------------------------------------|

Discussion: The proposed project will have **no impact** causing a substantial adverse change in the significance of an archaeological resource as defined in 15064.5. There are no known archaeological resources on the proposed project site or within the vicinity of the proposed project site. The proposed project site is similar in size to a residential lot and is vacant.

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| 3. Directly or indirectly destroy a unique paleontological resource or site or unique geological feature? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
|---|--------------------------|--------------------------|--------------------------|-------------------------------------|

Discussion: The proposed project will have **no impact** on destroy a unique paleontological resource or site or unique geological feature. There are no known unique paleontological resources or sites or unique geological features on the proposed project site or within the vicinity of the proposed project site. The proposed project site is similar in size to a residential lot and is vacant.

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| 4. Disturb any human remains, including those interred outside of formal cemeteries. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
|--|--------------------------|--------------------------|--------------------------|-------------------------------------|

Discussion: The proposed project will have **no impact** on disturbing any human remains, including those interred outside of formal cemeteries. The proposed project is subject to standard requirements regarding accidental discovery of human remains.

VI. GEOLOGY AND SOILS Would the project:

- a. Expose people or structures to potential substantial adverse effects, including the risk of loss, injury, or death involving:
 - a.1. Rupture of a known earthquake fault, as delineated on the most recent Alquist-Priolo

	Potentially Significant Impact	Less Than Significant with Mitigation	Less Than Significant Impact	No Impact
Earthquake Fault Zoning Map issued by the State Geologist for the area based on the substantial evidence of a known fault? Refer to Division of Mines and Geology Special Publication 42.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Discussion: The proposed project will have **no impact** on exposure of people or structures to rupture of a known earthquake fault. There are no designated Alquist-Priolo Earthquake Fault Zones within the City of Sanger or Fresno County.

a.2. Strong seismic ground shaking?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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Discussion: The proposed project will have **no impact** on exposure of people or structures to strong seismic ground shaking. The City of Sanger and Fresno County are not known for strong seismic ground shaking.

a.3. Seismic-related ground failure, including liquification?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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Discussion: The proposed project will have **no impact** on exposure of people or structures to seismic-related ground failure, including liquification. Properties located within the City of Sanger are not subject to liquefaction and the risk of seismic-related ground failure is remote.

2. Landslides?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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Discussion: The proposed project will have **no impact** on exposure of people or structures to landslides. Properties located within the City of Sanger are generally level with no slopes and not subject to landslides.

3. Result in substantial soil erosion or the loss of topsoil?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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Discussion: The proposed project will have **no impact** on substantial soil erosion or the loss of topsoil. The proposed project site is similar in size to a residential lot. Development of the proposed project site will require submittal of a grading and drainage plan to ensure that on-site soils are stabilized.

4. 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-site or off-site landslide, lateral spreading, subsistence, liquification or collapse?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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Discussion: The proposed project will have **no impact** on locating development 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-site or off-site landslide, lateral spreading, subsistence, liquification or collapse. Soils in the City of Sanger are generally considered to be stable and the City of Sanger is also in a seismically stable zone.

5. 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?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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Discussion: The proposed project will have **no impact** on locating development on expansive soil, creating substantial risks to life or property. The soil of the proposed project site is not defined as expansive.

Potentially Significant Impact	Less Than Significant with Mitigation	Less Than Significant Impact	No Impact
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| 6. 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? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
|--|--------------------------|--------------------------|--------------------------|-------------------------------------|

Discussion: The proposed project will have **no impact** on having 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. The City of Sanger provides wastewater disposal services. Septic tanks and alternative wastewater disposal systems are not permitted in the City of Sanger.

VII. GREENHOUSE GAS EMISSIONS

Would the project:

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|---|--------------------------|--------------------------|-------------------------------------|--------------------------|
| 1. Generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
|---|--------------------------|--------------------------|-------------------------------------|--------------------------|

Discussion: The proposed project will have a **less than significant impact** on generation of greenhouse gas emissions. The proposed project is development of City of Sanger Municipal Water Well No. 16. The proposed well pump is electrically powered with an emergency back-up diesel generator. Emissions generated at the site are minimal to zero.

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| 2. Conflict with any applicable plan, policy or regulation of an agency adopted for the purpose of reducing the emissions of greenhouse gases? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
|--|--------------------------|--------------------------|--------------------------|-------------------------------------|

Discussion: The proposed project will have **no impact** on conflicting with any applicable plan, policy or regulation of an agency adopted for the purpose of reducing the emissions of greenhouse gases. The proposed project is development of City of Sanger Municipal Water Well No. 16. The proposed well pump is electrically powered with an emergency back-up diesel generator. Emissions generated at the site are minimal to zero.

VIII. HAZARDS AND HAZARDOUS MATERIAL

Would the project:

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|--|--------------------------|--------------------------|-------------------------------------|--------------------------|
| 1. Create a significant hazard to the public or the environment through routine transport, use, or disposal of hazardous material? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
|--|--------------------------|--------------------------|-------------------------------------|--------------------------|

Discussion: The proposed project will have a **less than significant impact** on creating a significant hazard to the public or the environment through routine transport, use, or disposal of hazardous material. The proposed project is development of City of Sanger Municipal Water Well No. 16. The proposed well pump is electrically powered with an emergency back-up diesel generator and includes filtration and treatment tanks. Diesel fuel will be on-site for the emergency generation, granular activated carbon will be on site for filtration, and liquid chlorine will be on site for filtration. The majority of these materials will be stored in the pump house. All of these materials will be handled and stored in accordance with a Hazardous Material Business Plan.

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| 2. Create a significant hazard to the public or the environment through reasonable foreseeable upset and accident conditions involving the release of hazardous materials into the environment? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
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Potentially Significant <u>Impact</u>	Less Than Significant with <u>Mitigation</u>	Less Than Significant <u>Impact</u>	No <u>Impact</u>
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Discussion: The proposed project will have a **less than significant impact** on creating a significant hazard to the public or the environment through reasonable foreseeable upset and accident conditions involving the release of hazardous materials into the environment. The proposed project is development of City of Sanger Municipal Water Well No. 16. The proposed well pump is electrically powered with an emergency back-up diesel generator and includes filtration and treatment tanks. Diesel fuel will be on-site for the emergency generation, granular activated carbon will be on site for filtration, and liquid chlorine will be on site for filtration. The majority of these materials will be stored in the pump house. All of these materials will be handled and stored in accordance with a Hazardous Material Business Plan.

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|---|--------------------------|--------------------------|--------------------------|-------------------------------------|
| 3. Emit hazardous emissions or handle hazardous or acutely hazardous materials, substances, or waste within one-quarter mile of an existing or proposed school? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
|---|--------------------------|--------------------------|--------------------------|-------------------------------------|

Discussion: The proposed project will have a **less than significant impact** on emitting hazardous emissions or handle hazardous or acutely hazardous materials, substances, or waste within one-quarter mile of an existing or proposed school.

Wilson Elementary School is located approximately 1,100 feet (.21 miles) northwest of the proposed project site. Jefferson Elementary School is located approximately 1,300 feet (.24 miles) south of the proposed project site.

The proposed project is development of City of Sanger Municipal Water Well No. 16. The proposed well pump is electrically powered with an emergency back-up diesel generator and includes filtration and treatment tanks. Diesel fuel will be on-site for the emergency generation, granular activated carbon will be on site for filtration, and liquid chlorine will be on site for filtration. The majority of these materials will be stored in the pump house. All of these materials will be handled and stored in accordance with a Hazardous Material Business Plan.

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|---|--------------------------|--------------------------|--------------------------|-------------------------------------|
| 4. 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 create significant hazard to the public or the environment? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
|---|--------------------------|--------------------------|--------------------------|-------------------------------------|

Discussion: The proposed project will have **no impact** on being located on a site which is included on a list of hazardous materials sites, creating significant hazard to the public or the environment. The proposed project site is not known to be a hazardous material site.

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|--|--------------------------|--------------------------|--------------------------|-------------------------------------|
| 5. 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? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
|--|--------------------------|--------------------------|--------------------------|-------------------------------------|

Discussion: The proposed project will have **no impact** on creating a safety hazard for people residing or working in the project area due to being located within an airport land use plan or within two miles of a public airport or public use airport. The proposed project site is not located within an airport land use plan or within two miles of a public airport or public use airport.

<u>Potentially Significant Impact</u>	<u>Less Than Significant with Mitigation</u>	<u>Less Than Significant Impact</u>	<u>No Impact</u>
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- | | | | | |
|---|--------------------------|--------------------------|--------------------------|-------------------------------------|
| 6. For a project within the vicinity of a private airstrip, would the project result in a safety hazard for people residing or working in the project area? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
|---|--------------------------|--------------------------|--------------------------|-------------------------------------|

Discussion: The proposed project will have no impact on creating a safety hazard for people residing or working in the project area due to being located within the vicinity of any known private airstrips. There are no known private airstrips within the vicinity of the proposed project site.

- | | | | | |
|---|--------------------------|--------------------------|--------------------------|-------------------------------------|
| 7. Impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
|---|--------------------------|--------------------------|--------------------------|-------------------------------------|

Discussion: The proposed project will have no impact on impairing implementation of or physically interfering with an adopted emergency response plan or emergency evacuation plan. The proposed project site is similar in size to a residential lot.

- | | | | | |
|--|--------------------------|--------------------------|--------------------------|-------------------------------------|
| 8. Expose people or structures to a significant risk of loss, injury or death involving wildland fires, including where wildlands are adjacent to urbanized areas or where residences are intermixed with wildlands? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
|--|--------------------------|--------------------------|--------------------------|-------------------------------------|

Discussion: The proposed project will have no impact on exposing people or structures to a significant risk of loss, injury or death involving wildland fires, including where wildlands are adjacent to urbanized areas or where residences are intermixed with wildlands. There are no wildlands on or adjacent to the proposed project site.

IX. HYDROLOGY AND WATER QUALITY

Would the project:

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|---|--------------------------|--------------------------|-------------------------------------|--------------------------|
| 1. Violate any water quality standards or waste discharge requirements? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
|---|--------------------------|--------------------------|-------------------------------------|--------------------------|

Discussion: The proposed project will have a less than significant impact on water quality standards or waste discharge requirements. The proposed project’s waste water discharge is limited to the minimal landscaping surrounding the project site.

- | | | | | |
|---|--------------------------|-------------------------------------|--------------------------|--------------------------|
| 2. Substantially deplete groundwater supplies or interfere substantially with groundwater recharge such that there would be a net deficit in aquifer volume or a lowering of the local groundwater table level (e.g., the production rate of pre-existing nearby wells would drop to a level which would not support existing land uses or planned uses for which permits have been granted)? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
|---|--------------------------|-------------------------------------|--------------------------|--------------------------|

Discussion: The proposed project will have a less than significant impact with mitigation on substantially deplete groundwater supplies or interfere substantially with groundwater recharge such that there would be a net deficit in aquifer volume or a lowering of the local groundwater table level.

The City of Sanger has entered into an agreement with Consolidated Irrigation District regarding mitigation of

Potentially Significant Impact	Less Than Significant with Mitigation	Less Than Significant Impact	No Impact
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impacts to ground water. Below is an excerpt from the addressing mitigation measures.

Restated Cooperative Agreement Between Consolidated Irrigation District and the City of Sanger dated May 14, 2014.

5. CEOA Mitigation.

(a) So long as City complies with its obligations under this Agreement as set forth in Sections 2 and 3 above, District hereby acknowledges and agrees that all environmental impacts and effects on groundwater use, quantity and supply, but not on groundwater quality, caused by any existing or future urban development projects in or adjacent to City using as their sole source of water groundwater supplied by City or pursuant to contract with City have been mitigated to less than significant in accordance with CEQA. For purposes of this Agreement, urban development project shall mean the approval, development, construction, and operation of any publicly or privately owned residential, commercial, industrial or public project in or adjacent to the City which requires or may require the use of groundwater, and any annexation proposal, sphere or general plan amendment or other discretionary decision by the City that would indirectly facilitate such development.

(b) So long as City complies with its obligations under this Agreement with respect to the District Facilities Standards as set forth in Section 4 above, District hereby acknowledges and agrees that all environmental impacts or effects on District Facilities except topographical impacts (including, without limitation, subsidence) caused by existing or future urban development projects in or to be annexed to City have been mitigated to less than significant in accordance with CEQA.

Mitigation Measure:

HWQ-1. Compliance with Restated Cooperative Agreement Between Consolidated Irrigation District and the City of Sanger dated May 14, 2014.

- 3. Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river, in a manner that would result in substantial erosion or siltation on- or off-site?

Discussion: The proposed project will have **no impact** on substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river, in a manner that would result in substantial erosion or siltation on- or off-site. The project site is similar in size to a residential lot and will have minimal impact on drainage. There are no streams or river located on or adjacent to the project sites.

- 4. Substantially alter the existing drainage pattern of the site area, including through the alteration the course of a stream or river, or substantially increase the rate or amount of surface runoff in a manner that would result in flooding on-site or off-site?

Discussion: The proposed project will have **no impact** on substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river, or substantially increase the rate or amount of surface runoff in a manner that would result in flooding on-site or off-site. The project site is similar in size to a residential lot and will have minimal impact on drainage. There are no streams or river located on or adjacent to the project sites.

- 5. Create or contribute runoff water that would exceed the capacity of existing or planned storm

	Potentially Significant Impact	Less Than Significant with Mitigation	Less Than Significant Impact	No Impact
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water drainage systems or provide substantial additional sources of polluted runoff?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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Discussion: The proposed project will have no impact

On create or contributing runoff water that would exceed the capacity of existing or planned storm water drainage systems or provide substantial additional sources of polluted runoff. The project site is similar in size to a residential lot and will generate minimal runoff.

6. Otherwise substantially degrade water quality?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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Discussion: The proposed project will have a less than significant impact with mitigation on otherwise substantially degrading water quality. The City of Sanger has entered into an agreement with Consolidated Irrigation District regarding mitigation of impacts to ground water. Below is an excerpt from the addressing mitigation measures.

Restated Cooperative Agreement Between Consolidated Irrigation District and the City of Sanger dated May 14, 2014.

5. CEOA Mitigation.

(a) So long as City complies with its obligations under this Agreement as set forth in Sections 2 and 3 above, District hereby acknowledges and agrees that all environmental impacts and effects on groundwater use, quantity and supply, but not on groundwater quality, caused by any existing or future urban development projects in or adjacent to City using as their sole source of water groundwater supplied by City or pursuant to contract with City have been mitigated to less than significant in accordance with CEQA. For purposes of this Agreement, urban development project shall mean the approval, development, construction, and operation of any publicly or privately owned residential, commercial, industrial or public project in or adjacent to the City which requires or may require the use of groundwater, and any annexation proposal, sphere or general plan amendment or other discretionary decision by the City that would indirectly facilitate such development.

(b) So long as City complies with its obligations under this Agreement with respect to the District Facilities Standards as set forth in Section 4 above, District hereby acknowledges and agrees that all environmental impacts or effects on District Facilities except topographical impacts (including, without limitation, subsidence) caused by existing or future urban development projects in or to be annexed to City have been mitigated to less than significant in accordance with CEQA.

Mitigation Measure:

HWQ-1. Compliance with Restated Cooperative Agreement Between Consolidated Irrigation District and the City of Sanger dated May 14, 2014.

7. Place housing within a 100-year flood hazard area as mapped on a federal Flood Hazard Boundary or Flood Insurance Rate Map or other flood hazard delineation map?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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Discussion: The proposed project will have no impact on placing housing within a 100-year flood hazard area as mapped on a federal Flood Hazard Boundary or Flood Insurance Rate Map or other flood hazard delineation map. The proposed project does not involve housing.

8. Place within a 100-year flood hazard area structures that would impede or redirect flood flows?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
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Potentially Significant <u>Impact</u>	Less Than Significant with <u>Mitigation</u>	Less Than Significant <u>Impact</u>	<u>No Impact</u>
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Discussion: The proposed project will have a **less than significant impact** on placing within a 100-year flood hazard area structures that would impede or redirect flood flows. The proposed project is development of City of Sanger Municipal Water Well No. 16. The City of Sanger Flood Ordinance regulates construction within a 100-year flood hazard area. Construction of the project will be in compliance with the City of Sanger Flood Ordinance – Chapter 34 of the Municipal Code of the City of Sanger.

- | | | | | |
|--|--------------------------|--------------------------|-------------------------------------|--------------------------|
| 9. Expose people or structures to a significant risk of loss, injury or death involving flooding, including flooding as a result of the failure of a levee or dam? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
|--|--------------------------|--------------------------|-------------------------------------|--------------------------|

Discussion: The proposed project will have a **less than significant impact** on exposing people or structures to a significant risk of loss, injury or death involving flooding, including flooding as a result of the failure of a levee or dam.

The proposed project is development of City of Sanger Municipal Water Well No. 16. The City of Sanger Flood Ordinance regulates construction within a 100-year flood hazard area. Construction of the project will be in compliance with the City of Sanger Flood Ordinance – Chapter 34 of the Municipal Code of the City of Sanger.

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|--|--------------------------|--------------------------|--------------------------|-------------------------------------|
| 10. Inundation by seiche, tsunami, or mudflow? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
|--|--------------------------|--------------------------|--------------------------|-------------------------------------|

Discussion: The proposed project will have **no impact** on inundation by seiche, tsunami, or mudflow. The proposed project is located over 115 miles inland from the Pacific Ocean, the closest source of a seiche or tsunami. There are no aspects of the project that reasonably present the danger of a mudflow.

X. LAND USE PLANNING Would the project:

- | | | | | |
|--|--------------------------|--------------------------|--------------------------|-------------------------------------|
| 1. Physically divide an established community? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
|--|--------------------------|--------------------------|--------------------------|-------------------------------------|

Discussion: The proposed project will have **no impact** physical dividing an established community. The proposed project site is similar in size to a residential lot.

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|---|--------------------------|--------------------------|--------------------------|-------------------------------------|
| 2. Conflict with any applicable land use plan, policy, or regulation of an agency with jurisdiction over the project (including, but not limited to the general plan, specific plan, local coastal program, or zoning ordinance) adopted for the purpose of avoiding or mitigating an environmental effect? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
|---|--------------------------|--------------------------|--------------------------|-------------------------------------|

Discussion: The proposed project will have **no impact** on conflicting with any applicable land use plan, policy, or regulation of an agency with jurisdiction over the project adopted for the purpose of avoiding or mitigating an environmental effect. The proposed City of Sanger Municipal Water Well No. 16 is intended to serve the existing city limits and is part of the approved Water Master Plan of the 2025 City of Sanger General Plan.

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|---|--------------------------|--------------------------|--------------------------|-------------------------------------|
| 3. Conflict with any applicable habitat conservation plan or natural community conservation plan? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
|---|--------------------------|--------------------------|--------------------------|-------------------------------------|

Discussion: The proposed project will have **no impact** on conflict with any applicable habitat conservation plan or natural community conservation plan. There is no habitat conservation or natural community conservation plans that apply to the project site.

Potentially Significant Impact Less Than Significant with Mitigation Less Than Significant Impact No Impact

XI. MINERAL RESOURCES Would the project:

- 1. 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?

Discussion: The proposed project will have **no impact** on loss of availability of a known mineral resource that would be of value to the region and the residents of the state. There are no known mineral resources on or near the proposed project site.

- 2. 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?

Discussion: The proposed project will have **no impact** on loss of availability of a locally important mineral resource recovery site delineated on a local general plan, specific plan, or other land use plan. There are no known locally important mineral resource recovery sites delineated on a local general plan, specific plan, or other land use plan on or near the project sites.

XII. NOISE Would the project result in?

- 1. Exposure of persons to or generation of noise levels in excess of standards established in the local General Plan or Noise Ordinance, or applicable standard of other agencies?

Discussion: The proposed project will have a **less than significant impact** on exposure of persons to or generation of noise levels in excess of standards established in the local General Plan. The City of Sanger maximum allowable noise exposure for stationary noise sources is listed in the table below.

The proposed new well and pump are to be housed within concrete masonry block well house. The concrete masonry block well house is located behind a concrete masonry block wall. And the well site is surrounded by landscaping. The closest homes to the proposed project site are located to the north and east, approximately 80-90 feet away across Rainbow Avenue and Quality Avenue. At this distance, it is anticipated that peak noise from the project will be between 50 and 60 decibels. This is a noise level comparable to residential air conditioning and is within the maximum allowable noise exposure for station noise sources is listed in the table below.

Table 5-2 Maximum Allowable Noise Exposure - Stationary Noise Sources

Outdoor Activity Areas ¹	Daytime (7 a.m. to 10 p.m.)	Nighttime (10 p.m. to 7 a.m.)
Hourly Leq, dB	55	50
Maximum level, dB	75	70

- 2. Exposure of persons to or generation of excessive ground borne vibration or ground borne noise levels?

Potentially Significant <u>Impact</u>	Less Than Significant with <u>Mitigation</u>	Less Than Significant <u>Impact</u>	<u>No Impact</u>
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Discussion: The proposed project will have a **less than significant impact** on exposure of persons to or generation of excessive ground borne vibration or ground borne noise levels. Noise and vibration will be generated during construction. Vibration will be below the strongly perceptible level resulting in a less than significant impact.

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|--|--------------------------|--------------------------|-------------------------------------|--------------------------|
| 3. A substantial permanent increase in ambient noise levels in the project vicinity above levels existing without the project? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
|--|--------------------------|--------------------------|-------------------------------------|--------------------------|

Discussion: The proposed project will have a **less than significant impact** on a substantial permanent increase in ambient noise levels in the project vicinity above levels existing without the project. The proposed new well and pump are to be housed within concrete masonry block well house. The concrete masonry block well house is located behind a concrete masonry block wall. And the well site is surrounded by landscaping. The closest homes to the proposed project site are located to the north and east, approximately 80-90 feet away across Rainbow Avenue and Quality Avenue. At this distance, it is anticipated that peak noise from the project will be between 50 and 60 decibels. This is a noise level comparable to residential air conditioning and is within the maximum allowable noise exposure for station noise sources is listed in the table below.

- | | | | | |
|--|--------------------------|--------------------------|-------------------------------------|--------------------------|
| 4. A substantial temporary or periodic increase in ambient noise levels in the project vicinity above levels existing without the project? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
|--|--------------------------|--------------------------|-------------------------------------|--------------------------|

Discussion: The proposed project will have a **less than significant impact** on a substantial temporary or periodic increase in ambient noise levels in the project vicinity above levels existing without the project. Construction activity may result in temporary or periodic increase in ambient noise levels. Construction activity is subject to compliance with the City of Sanger 2025 General Plan Noise Element.

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|---|--------------------------|--------------------------|--------------------------|-------------------------------------|
| 5. 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 expose people residing or working in the project area to excessive noise levels? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
|---|--------------------------|--------------------------|--------------------------|-------------------------------------|

Discussion: The proposed project will have **no impact** on expose people residing or working in area located within to airport land use plan area or within two miles of a public airport or public use airport to excessive noise levels. The proposed project site is not located within an airport land use plan.

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|--|--------------------------|--------------------------|--------------------------|-------------------------------------|
| 6. For a project within the vicinity of a private airstrip, would the project expose people residing or working in the project area to excessive noise levels? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
|--|--------------------------|--------------------------|--------------------------|-------------------------------------|

Discussion: The proposed project will have **no impact** exposing people residing or working in the proposed project area to excessive noise levels from a private airstrip within the vicinity. The project site is not located within the vicinity of any private airstrips.

Potentially Significant <u>Impact</u>	Less Than Significant with <u>Mitigation</u>	Less Than Significant <u>Impact</u>	<u>No Impact</u>
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XIII. POPULATION AND HOUSING Would the project?

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|---|--------------------------|--------------------------|-------------------------------------|--------------------------|
| 1. 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)? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
|---|--------------------------|--------------------------|-------------------------------------|--------------------------|

Discussion: The proposed project will have a **less than significant impact** on inducing substantial population growth in an area, either directly or indirectly. The proposed City of Sanger Municipal Water Well No. 16 is intended to serve the existing city limits and is part of the approved Water Master Plan of the 2025 City of Sanger General Plan.

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|--|--------------------------|--------------------------|--------------------------|-------------------------------------|
| 2. Displace substantial number of existing housing, necessitating the construction of replacement housing elsewhere? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
|--|--------------------------|--------------------------|--------------------------|-------------------------------------|

Discussion: The proposed project will have **no impact** on displacing a substantial number of existing housing, necessitating the construction of replacement housing elsewhere. The proposed project site is vacant. No housing will be displaced.

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|--|--------------------------|--------------------------|--------------------------|-------------------------------------|
| 3. Displace substantial number of people, necessitating the construction of replacement housing elsewhere? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
|--|--------------------------|--------------------------|--------------------------|-------------------------------------|

Discussion: The proposed project will have **no impact** on displacing a substantial number of people, necessitating the construction of replacement housing elsewhere. The proposed project site is vacant. No people will be displaced.

XIV. PUBLIC SERVICES Would the project result in?

1. Would the project result in substantial adverse physical impacts associated with the provision of new or physically altered government facilities, need for new or physically altered government 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:

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|------------------|--------------------------|--------------------------|--------------------------|-------------------------------------|
| Fire protection? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
|------------------|--------------------------|--------------------------|--------------------------|-------------------------------------|

The proposed project will have **no impact** on substantial adverse physical impacts to fire protection services. The proposed project is necessary to continue to provide adequate water supply and adequate water pressure to provide fire protection services.

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|--------------------|--------------------------|--------------------------|--------------------------|-------------------------------------|
| Police protection? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
|--------------------|--------------------------|--------------------------|--------------------------|-------------------------------------|

The proposed project will have **no impact** on substantial adverse physical impacts to police protection services. The proposed project site is located within an urbanized area that is currently patrolled by the Sanger Police Department. The proposed water well is not anticipated to increase demand for police protection services.

	Potentially Significant Impact	Less Than Significant with Mitigation	Less Than Significant Impact	No Impact
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Schools?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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The proposed project will have **no impact** on substantial adverse physical impacts to schools. The proposed water well is not anticipated to increase demand for school services.

Parks?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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The proposed project will have **no impact** on substantial adverse physical impacts to parks. The proposed project site is located adjacent to an existing park. The proposed water well is not anticipated to increase demand for park services.

Other public facilities?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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The proposed project will have **no impact** on substantial adverse physical impacts to other public facilities. The proposed water well is not anticipated to increase demand on other public facilities.

XV. RECREATION

1. 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?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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The proposed project will have **no impact** on increasing 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. The proposed water well does generate park use.

2. Does the project include recreational facilities or require the construction or expansion of recreational facilities that might have an adverse physical effect on the environment?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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The proposed project will have **no impact** on including recreational facilities or require the construction or expansion of recreational facilities that might have an adverse physical effect on the environment. The proposed water well is does not include park development.

XVI. TRANSPORTATION/TRAFFIC Would the project?

1. Exceed the capacity of the existing circulation system, based on an applicable measure of effectiveness (as designated in a general plan policy, ordinance, etc.), taking into account all relevant components of the circulation system, including but not limited to intersections, streets, highways and freeways, pedestrian and bicycle paths, and mass transit?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
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The proposed project will have a **less than significant impact** on exceeding the capacity of the existing circulation system. The proposed water well will generate 1–2 trips per day to the site by City staff. This is less than would be generated by a single-family dwelling.

	Potentially Significant Impact	Less Than Significant with Mitigation	Less Than Significant Impact	No Impact
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|--|--------------------------|--------------------------|-------------------------------------|--------------------------|
| 2. Conflict with an applicable congestion management program, including, but not limited to level of service standards and travel demand measures, or other standards established by the county congestion management agency for designated roads or highways? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
|--|--------------------------|--------------------------|-------------------------------------|--------------------------|

The proposed project will have a **less than significant impact** on conflicting with an applicable congestion management program or level of service standards established by the City. The proposed water well will generate 1–2 trips per day to the site by City staff. This is less than would be generated by a single-family dwelling.

- | | | | | |
|---|--------------------------|--------------------------|--------------------------|-------------------------------------|
| 3. Result in a change in air traffic patterns, including either an increase in traffic levels or a change in location that results in substantial safety risks? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
|---|--------------------------|--------------------------|--------------------------|-------------------------------------|

Discussion: The proposed project will have **no impact** on changing air traffic patterns, including either an increase in traffic levels or a change in location that results in substantial safety risks. The proposed project cannot affect air traffic patterns.

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|--|--------------------------|--------------------------|--------------------------|-------------------------------------|
| 4. Substantially increase hazards due to a design feature (e.g., sharp curves or dangerous intersections) or incompatible uses (e.g., farm equipment)? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
|--|--------------------------|--------------------------|--------------------------|-------------------------------------|

The proposed project will have **no impact** on substantially increasing hazards due to a design feature (e.g., sharp curves or dangerous intersections) or incompatible uses (e.g., farm equipment). The proposed project utilizes the existing street pattern. The proposed water well will generate 1–2 trips per day to the site by City staff. This is less than would be generated by a single-family dwelling.

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|---|--------------------------|--------------------------|--------------------------|-------------------------------------|
| 5. Result in inadequate emergency access? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
|---|--------------------------|--------------------------|--------------------------|-------------------------------------|

The proposed project will have **no impact** on creating inadequate emergency access. The proposed project site is accessible from all side. The proposed project does not obstruct emergency access to surrounding sites.

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|---|--------------------------|--------------------------|--------------------------|-------------------------------------|
| 6. Result in inadequate parking capacity? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
|---|--------------------------|--------------------------|--------------------------|-------------------------------------|

The proposed project will have **no impact** on creating inadequate parking capacity. The proposed water well will generate 1–2 trips per day to the site by City staff. The proposed project provides two (2) on-site parking stalls. On street parking will be available for use by the adjacent park and the neighborhood.

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|--|--------------------------|--------------------------|--------------------------|-------------------------------------|
| 7. Conflict with adopted policies, plans, or programs supporting alternative transportation (e.g., bus turnouts, bicycle racks)? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
|--|--------------------------|--------------------------|--------------------------|-------------------------------------|

The proposed project will have **no impact** on conflicting with adopted policies, plans, or programs supporting alternative transportation (e.g., bus turnouts, bicycle racks). The proposed project does not generate the need for alternative transportation and there are no facets of the project design that would conflict with any form of transportation.

<u>Potentially Significant Impact</u>	<u>Less Than Significant with Mitigation</u>	<u>Less Than Significant Impact</u>	<u>No Impact</u>
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XVII. UTILITIES AND SERVICE SYSTEMS Would the project?

- | | | | | |
|---|--------------------------|--------------------------|--------------------------|-------------------------------------|
| 1. Exceed wastewater treatment requirements of the applicable Regional Water Quality Control Board? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
|---|--------------------------|--------------------------|--------------------------|-------------------------------------|

Discussion: The proposed project will have **no impact** on exceeding wastewater treatment requirements of the applicable Regional Water Quality Control Board. The proposed project will not generate waste water.

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|--|--------------------------|--------------------------|-------------------------------------|--------------------------|
| 2. Require or result in the construction of new water or wastewater treatment facilities or expansion of existing facilities, the construction of which could cause significant environmental effects? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
|--|--------------------------|--------------------------|-------------------------------------|--------------------------|

Discussion: The proposed project will have a **less than significant impact** on the need for new water or wastewater treatment facilities or expansion of existing facilities, the construction of which could cause significant environmental effects. The proposed City of Sanger Municipal Water Well No. 16 is intended to serve the existing city limits and is part of the approved Water Master Plan of the 2025 City of Sanger General Plan.

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|---|--------------------------|--------------------------|--------------------------|-------------------------------------|
| 3. Require or result in the construction of new storm water drainage facilities or expansion of existing facilities, the construction of which could cause significant environmental effects? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
|---|--------------------------|--------------------------|--------------------------|-------------------------------------|

Discussion: The proposed project will have **no impact** on requiring the construction of new storm water drainage facilities or expansion of existing facilities, the construction of which could cause significant environmental effects. The project site is similar in size to a residential lot and will generate insignificant storm water.

- | | | | | |
|--|--------------------------|--------------------------|--------------------------|-------------------------------------|
| 4. Have sufficient water supplies available to serve the project from existing entitlements and resources, or are new or expanded entitlements needed? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
|--|--------------------------|--------------------------|--------------------------|-------------------------------------|

Discussion: The proposed project will have **no impact** on sufficient water supplies available to serve the project from existing entitlements and resources, or are new or expanded entitlements needed. . The proposed City of Sanger Municipal Water Well No. 16 is intended to serve the existing city limits and is part of the approved Water Master Plan of the 2025 City of Sanger General Plan.

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|--|--------------------------|--------------------------|-------------------------------------|--------------------------|
| 5. 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? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
|--|--------------------------|--------------------------|-------------------------------------|--------------------------|

Discussion: The proposed project will have a **less than significant impact** on 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. The City of Sanger is the wastewater treatment provider. The proposed City of Sanger Municipal Water Well No. 16 is intended to serve the existing city limits and is part of the approved Water Master Plan of the 2025 City of Sanger General Plan.

Potentially Significant <u>Impact</u>	Less Than Significant with <u>Mitigation</u>	Less Than Significant <u>Impact</u>	No <u>Impact</u>
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|--|--------------------------|--------------------------|--------------------------|-------------------------------------|
| 6. Be served by a landfill with sufficient permitted capacity to accommodate the project’s solid waste disposal needs? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
|--|--------------------------|--------------------------|--------------------------|-------------------------------------|

Discussion: The proposed project will have **no impact** on sufficient permitted landfill capacity to accommodate the project’s solid waste disposal needs. The proposed project does not generate a significant amount of solid waste.

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|---|--------------------------|--------------------------|--------------------------|-------------------------------------|
| 7. Comply with federal, state, and local statutes and regulations related to solid waste? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
|---|--------------------------|--------------------------|--------------------------|-------------------------------------|

Discussion: The proposed project will have **no impact** on compliance with federal, state, and local statutes and regulations related to solid waste. The proposed project does not generate a significant amount of solid waste.

XVIII. MANDATORY FINDINGS OF SIGNIFICANCE

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|--|--------------------------|-------------------------------------|--------------------------|-------------------------------------|
| 1. 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? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 2. 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)? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 3. Does the project have environmental effects that will cause substantial adverse effects on human beings, either directly or indirectly? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

Prepared By: **David Brletic, Senior Planner**

David Brletic

Signature

November 1, 2018

Date