

DRAFT MITIGATED NEGATIVE DECLARATION

Project Name: Waste Discharge Requirements for Onsite Wastewater Treatment System/Advanced Treatment Unit for Leuthe Residence, Escondido, San Diego County.

Tentative Resolution Number: R9-2012-0057

This Document is Considered Draft Until it is Adopted by the California Regional Water Quality Control Board, San Diego Region

This Mitigated Negative Declaration is comprised of this form along with the Initial Study that includes the completed Environmental Checklist Form.

1. California Environmental Quality Act Negative Declaration Findings:

This Mitigated Negative Declaration reflects the decision-making body's independent judgment and analysis, and; that the decision-making body has reviewed and considered the information contained in this Negative Declaration and the comments received during the public review period, and; on the basis of the whole record before the decision-making body (including this Mitigated Negative Declaration) that there is no substantial evidence that the project will have a significant effect on the environment.

2. Required Mitigation Measures:

Compliance with requirements specified in Tentative Order No. R9-2012-0056, *Waste Discharge Requirements for Mr. Bill Leuthe, Leuthe Residence Onsite Wastewater Treatment Systems, Escondido, San Diego County.*

3. Critical Project Design Elements That Must Become Conditions of Approval:

None.

ADOPTION STATEMENT: This Mitigated Negative Declaration was adopted and the above California Environmental Quality Act findings were made by the:

California Regional Water Quality Control Board, San Diego Region

On December 12, 2012

DRAFT

David W. Gibson
Executive Officer
California Regional Water Quality Control Board, San Diego Region

Mitigated Negative Declaration – Environmental Checklist
Leuthe Residence Onsite Waste Treatment System/Advanced Treatment Unit
Escondido, San Diego County

INITIAL STUDY/ENVIRONMENTAL CHECKLIST

1. Project title:
Waste Discharge Requirements for the Leuthe Residence Onsite Wastewater Treatment System, Escondido, San Diego County.
2. Lead agency name and address:
California Regional Water Quality Control Board, San Diego Region
9174 Sky Park Court, Suite 100
San Diego, CA 92123
3. Contact person and phone number:
Mr. Fisayo Osibodu
(858)-637-5594
4. Project location:
Camino Elena Road, Escondido, CA 92026
APN: 186-612-31
5. Mr. Bill Leuthe
753 Via Bahia
San Marcos, CA 92069
6. General plan designation:
Residential and Agricultural
7. Zoning:
Residential and Agricultural
8. Description of project: (Describe the whole action involved, including but not limited to later phases of the project, and any secondary, support, or off-site features necessary for its implementation. Attach additional sheets if necessary.)

Mitigated Negative Declaration – Environmental Checklist
Leuthe Residence Onsite Waste Treatment System/Advanced Treatment Unit
Escondido, San Diego County

The proposed project consists of adoption of Waste Discharge Requirements (WDRs) for a proposed Onsite Wastewater Treatment System/Advanced Treatment Unit (OWTS/ATU) that will serve a proposed 4-bedroom residence (Leuthe Residence) in Escondido, San Diego County; as well as installation, operation, and maintenance of the OWTS/ATU. The proposed OWTS/ATU will consist of a 1,500-gallon primary concrete tank with an Advantex AX20N filter unit, and a 1,000-gallon concrete pump basin. The OWTS/ATU will be designed for an average daily flow of 600 gallons per day, and will also be designed to meet or exceed the American National Standards Institute/National Science Foundation Standard 40 for a flow of 600 gallons per day.

The OWTS/ATU will utilize a subsurface drip irrigation system for wastewater disposal. Subsurface drip irrigation systems apply wastewater at the root zone of the soil allowing for maximum uptake of nitrogen in the wastewater by vegetation in the disposal area. Further removal of organic chemicals and bacteria also occurs as wastewater percolates into the soil in the disposal area.

9. Surrounding land uses and setting: Briefly describe the project's surroundings:

The site consists of a partially developed property in an area zoned for residential and agricultural land uses. The site occupies about 2.5 acres, and is situated on Camino Elena Road, Escondido, San Diego County. The project is situated within a neighborhood of residential and agricultural lots ranging from 2 to 40 acres area in size. This type of neighborhood extends for 3,200 feet or more in all directions. The closest large scale development is the community of Hidden Meadows, sitting 3,200 feet or more to the north and north east, consisting of over 1,000 homes on 1/4 acre lots.

10. Other public agencies whose approval is required (e.g., permits, financing approval, or participation agreement).

Other permits may be required from the County of San Diego for construction of the residence.

ENVIRONMENTAL FACTORS POTENTIALLY AFFECTED:

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

Mitigated Negative Declaration – Environmental Checklist
 Leuthe Residence Onsite Waste Treatment System/Advanced Treatment Unit
 Escondido, San Diego County

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

Mitigated Negative Declaration – Environmental Checklist
Leuthe Residence Onsite Waste Treatment System/Advanced Treatment Unit
Escondido, San Diego County

DETERMINATION: (To be completed by the Lead Agency)

On the basis of this initial evaluation:

- 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 project have been made by or agreed to by the 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.

Signature

Date

David W. Gibson
Name

Mitigated Negative Declaration – Environmental Checklist
Leuthe Residence Onsite Waste Treatment System/Advanced Treatment Unit
Escondido, San Diego County

EVALUATION OF ENVIRONMENTAL IMPACTS:

- 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 Analyses," 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

Mitigated Negative Declaration – Environmental Checklist
Leuthe Residence Onsite Waste Treatment System/Advanced Treatment Unit
Escondido, San Diego County

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.
- 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.

Mitigated Negative Declaration – Environmental Checklist
 Leuthe Residence Onsite Waste Treatment System/Advanced Treatment Unit
 Escondido, San Diego County

Issues:

	Potentially Significant Impact	Less Than Significant with Mitigation Incorporation	Less Than Significant Impact	No Impact
I. AESTHETICS -- Would the project:				
a) Have a substantial adverse effect on a scenic vista?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b) 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"/>
c) Substantially degrade the existing visual character or quality of the site and its surroundings?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d) Create a new source of substantial light or glare which would adversely affect day or nighttime views in the area?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

DISCUSSION

a) **No Impact.** The new OWTS/ATU is associated with the construction of a single family residence not located in a scenic area. The OWTS/ATU is located primarily underground, and any above-grade elements have a relatively low profile. These elements are also small relative to the residences or establishments they accompany and are typically covered by soil and vegetation following a relatively short construction period. Installation of OWTS/ATU is not expected to damage scenic resources or degrade the existing visual character or quality of the site and its surroundings.

Mitigated Negative Declaration – Environmental Checklist
 Leuthe Residence Onsite Waste Treatment System/Advanced Treatment Unit
 Escondido, San Diego County

- b) **No Impact.** See response to item (a) above.
- c) **No Impact.** See response to item (a) above.
- d) **No Impact.** Permanent sources of external lighting are not a feature of the OWTS/ATU. Operation of the OWTS/ATU would also not generate new sources of light or glare. Thus, the proposed project would not create a new source of light and glare.

Potentially Significant Impact	Less Than Significant with Mitigation Incorporation	Less Than Significant Impact	No Impact
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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. Would the project:

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

Mitigated Negative Declaration – Environmental Checklist
 Leuthe Residence Onsite Waste Treatment System/Advanced Treatment Unit
 Escondido, San Diego County

	Potentially Significant Impact	Less Than Significant with Mitigation Incorporation	Less Than Significant Impact	No Impact
c) Involve other changes in the existing environment which, due to their location or nature, could result in conversion of Farmland, to non-agricultural use?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

DISCUSSION

- a) **No Impact.** Installation of the OWTS/ATU will not alter the amount of farmland converted for use to OWTS-related uses.
- b) **No Impact.** Installation of the OWTS/ATU will not affect zoning designations established by local land use jurisdictions. The OWTS/ATU will be constructed on a residential lot. The waste discharge requirements merely establish standards for design, operation and maintenance of a treatment system. Thus, the project will have no impact on agricultural zoning or Williamson Act contracts.
- c) **No Impact.** See responses to items (a) and (b) above.

Mitigated Negative Declaration – Environmental Checklist
 Leuthe Residence Onsite Waste Treatment System/Advanced Treatment Unit
 Escondido, San Diego County

	Potentially Significant Impact	Less Than Significant with Mitigation Incorporation	Less Than Significant Impact	No Impact
<p>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:</p>				
a) Conflict with or obstruct implementation of the applicable air quality plan?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b) 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"/>
c) 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 (including releasing emissions which exceed quantitative thresholds for ozone precursors)?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d) Expose sensitive receptors to substantial pollutant concentrations?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
e) Create objectionable odors affecting a substantial number of people?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Mitigated Negative Declaration – Environmental Checklist
 Leuthe Residence Onsite Waste Treatment System/Advanced Treatment Unit
 Escondido, San Diego County

DISCUSSION

- a) **No Impact.** The proposed project would not alter the number of OWTS/ATUs that would be constructed in the future, nor would it meaningfully, if at all, alter the amount of land converted to OWTS/ATU-related uses. Furthermore, the operation of the OWTS/ATU does not generate criteria pollutants specific to air quality. The proposed project would not affect applicable air quality plans.
- b) **No Impact.** See response to item (a) above.
- c) **No Impact.** See response to item (a) above.
- d) **No Impact.** See response to item (a) above.
- e) **No Impact.** Most components of the OWTS/ATU are located primarily underground and are not expected to create objectionable odors. In addition, OWTS/ATUs that are properly design, operated and maintained are not expected to create objectionable odors. Odors could potentially occur for brief periods in areas immediately surrounding the OWTS/ATU when septic tank clean-out operations are in progress, but this would only impact workers or people in the residence, and not a substantial number of people. The Waste Discharge Requirements (WDRs) for the OWTS/ATU address design, operation, maintenance, and disposal of treated wastewater and septage from the OWTS/ATU so as to prevent and minimize odors. Also, the WDRs prohibit offsite odors associated with the OWTS/ATU.

Potentially Significant Impact	Less Than Significant with Mitigation Incorporation	Less Than Significant Impact	No Impact
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IV. BIOLOGICAL RESOURCES --
 Would the project:

- | | | | | |
|---|--------------------------|--------------------------|--------------------------|-------------------------------------|
| 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 | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
|---|--------------------------|--------------------------|--------------------------|-------------------------------------|

Mitigated Negative Declaration – Environmental Checklist
 Leuthe Residence Onsite Waste Treatment System/Advanced Treatment Unit
 Escondido, San Diego County

	Potentially Significant Impact	Less Than Significant with Mitigation Incorporation	Less Than Significant Impact	No Impact
regulations, or by the California Department of Fish and Game or U.S. Fish and Wildlife Service?				
b) Have a substantial adverse effect on any riparian habitat or other sensitive natural community identified in local or regional plans, policies, 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"/>
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?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
e) 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"/>

Mitigated Negative Declaration – Environmental Checklist
 Leuthe Residence Onsite Waste Treatment System/Advanced Treatment Unit
 Escondido, San Diego County

	Potentially Significant Impact	Less Than Significant with Mitigation Incorporation	Less Than Significant Impact	No Impact
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?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

DISCUSSION

- a) **No Impact.** Installation of the OWTS/ATU may involve removal of natural vegetation; however these systems will be placed underground and the surface will be re-vegetated upon completion of the installation of the OWTS/ATU. Therefore, the project would not permanently alter the amount of undeveloped terrestrial habitat converted to OWTS/ATU-related uses.
- b) **No Impact.** Installation of the OWTS and subsurface disposal system will not result in direct removal or filling of riparian habitat, wetlands, or any sensitive natural communities. In some cases it has been shown that groundwater could affect surface waters, including wetlands. In this case there is no evidence of a direct connection between groundwater and surface water. Furthermore, due to the significant distance between the project site and any surface waters, installation of the OWTS or subsurface disposal system is not expected to have an adverse effect on surface waters.
- c) **No Impact.** See response to item (b) above.
- d) **No Impact.** The project would not significantly alter the amount of undeveloped terrestrial habitat converted to OWTS/ATU-related uses, therefore, the project will not interfere with the movement of any native terrestrial species. In addition, see response to item (b) above.

Mitigated Negative Declaration – Environmental Checklist
 Leuthe Residence Onsite Waste Treatment System/Advanced Treatment Unit
 Escondido, San Diego County

- e) **No Impact.** The waste discharge requirements for the OWTS/ATU addresses design, operation, and maintenance, and disposal of treated wastewater from an OWTS/ATU serving a single family residence. They do not involve implementation of or changes to local plans, policies or ordinances protecting biological resources. Therefore, no potential conflicts exist with such plans, policies or ordinances.
- f) **No Impact.** See response to item (e) above.

	Potentially Significant Impact	Less Than Significant with Mitigation Incorporation	Less Than Significant Impact	No Impact
V. CULTURAL RESOURCES --				
Would the project:				
a) 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"/>
b) Cause a substantial adverse change in the significance of an archaeological resource pursuant to '15064.5?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c) Directly or indirectly destroy a unique paleontological resource or site or unique geologic feature?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d) Disturb any human remains, including those interred outside of formal cemeteries?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Mitigated Negative Declaration – Environmental Checklist
 Leuthe Residence Onsite Waste Treatment System/Advanced Treatment Unit
 Escondido, San Diego County

DISCUSSION

- a) **No Impact.** The OWTS/ATU will be constructed on land that is not a known historical, archaeological, or paleontological resource. There are no known human remains to be found in the boundary of the project location.
- b) **No Impact.** See response to item (a) above.
- c) **No Impact.** See response to item (a) above.
- d) **No Impact.** See response to item (a) above.

	Potentially Significant Impact	Less Than Significant with Mitigation Incorporation	Less Than Significant Impact	No Impact
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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: | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 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. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| ii) Strong seismic ground shaking? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

Mitigated Negative Declaration – Environmental Checklist
 Leuthe Residence Onsite Waste Treatment System/Advanced Treatment Unit
 Escondido, San Diego County

	Potentially Significant Impact	Less Than Significant with Mitigation Incorporation	Less Than Significant Impact	No Impact
iii) Seismic-related ground failure, including liquefaction?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
iv) Landslides?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b) Result in substantial soil erosion or the loss of topsoil?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
e) Have soils incapable of adequately supporting the use of septic tanks or alternative waste water disposal systems where sewers are not available for the disposal of waste water?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

DISCUSSION

a.i) **No Impact.** The proposed project is not located on such a fault zone based on the most recent Alquist-Priolo Earthquake Fault Zoning Map issued by the State Geologist for the area. Therefore, the proposed project would not likely expose people to significant seismic or landslide-related hazards.

Mitigated Negative Declaration – Environmental Checklist
Leuthe Residence Onsite Waste Treatment System/Advanced Treatment Unit
Escondido, San Diego County

- a.ii) **No Impact.** See response to item (a.i) above.
- a.iii) **No Impact.** See response to item (a.i) above.
- a.iv) **No Impact.** See response to item (a.i) above.
- b) **No Impact.** The OWTS/ATU will be constructed on stable, nonexpansive soils determined to be not acceptable for use with conventional septic systems; therefore, the proposed OWTS/ATU will be designed for the site specific conditions, including poor percolation rates. The subsurface drip irrigation system for the OWTS/ATU will be designed to accept the full volume of effluent from the OWTS/ATU, and will ensure application of wastewater at agronomic rates. The use of subsurface drip irrigation systems to discharge effluent from OWTS/ATUs has proven successful elsewhere in the nation and is not expected to cause substantial soil erosion, loss of topsoil, or cause soil to become unstable.
- c) **No Impact.** See response to item (b) above.
- d) **No Impact.** See response to item (b) above.
- e) **No Impact.** See response to item (b) above.

Mitigated Negative Declaration – Environmental Checklist
 Leuthe Residence Onsite Waste Treatment System/Advanced Treatment Unit
 Escondido, San Diego County

	Potentially Significant Impact	Less Than Significant with Mitigation Incorporation	Less Than Significant Impact	No Impact
VII. GREENHOUSE GAS EMISSIONS-- Would the project:				
a) 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"/>
b) 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

- a) **Less-than-Significant Impact.** The OWTS/ATU will run on electricity and will not generate any greenhouse gases directly. Greenhouse gases will be generated during the construction of the OWTS/ATU, however, these emissions would be minor and of limited duration. Therefore, this impact would be less than significant.
- b) **No Impact.** Installation of the OWTS/ATU and adoption of waste discharge requirements for the discharge from the OWTS/ATU will not interfere with any applicable plan, policy, or regulation adopted by an agency for the purpose of reducing emissions of greenhouse gases.

Mitigated Negative Declaration – Environmental Checklist
 Leuthe Residence Onsite Waste Treatment System/Advanced Treatment Unit
 Escondido, San Diego County

Potentially Significant Impact	Less Than Significant with Mitigation Incorporation	Less Than Significant Impact	No Impact
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VII. HAZARDS AND HAZARDOUS MATERIALS -- Would the project:

a) Create a significant hazard to the public or the environment through the routine transport, use, or disposal of hazardous materials?

<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
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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?

<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
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c) 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 checked="" type="checkbox"/>	<input type="checkbox"/>
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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?

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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Mitigated Negative Declaration – Environmental Checklist
 Leuthe Residence Onsite Waste Treatment System/Advanced Treatment Unit
 Escondido, San Diego County

	Potentially Significant Impact	Less Than Significant with Mitigation Incorporation	Less Than Significant Impact	No Impact
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?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
f) 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"/>
g) 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"/>
h) 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

a) **Less than Significant Impact.** The OWTS/ATU will not be used to treat or dispose of hazardous wastes; however materials considered hazardous substances could enter OWTS septic tanks and dispersal fields through the use of commercial or

Mitigated Negative Declaration – Environmental Checklist
Leuthe Residence Onsite Waste Treatment System/Advanced Treatment Unit
Escondido, San Diego County

household cleaning and personal care products that may be discharged into the sanitary system, and through the use of commercial septic tank maintenance products such as cleaners or additives. In general, the concentration of these substances in domestic sewage would be expected to be small given that the large majority of sewage is water and fecal material.

- b) **Less than Significant Impact.** The analysis of potential releases of hazardous materials into the environment through routine OWTS/ATU operations is described above in the response to item (a). Any hazardous materials discharged into septic tanks may then reside in the accumulated sewage solids. Subsequently, there is a small potential for accidental release of hazardous materials in the sewage sludge when septic tanks are pumped and the accumulated solids are transported to septage handling facilities. The potential impact, however, is considered less than significant because the risk of accidental release is anticipated to be low, the quantity of waste material that may be discharged would typically be limited to the small quantity carried by individual pumping trucks, and it is anticipated that accidental spills would be cleaned up in accordance with normal emergency response service (i.e., fire, police) directives and septage hauler licensing requirements.
- c) **Less than Significant Impact.** See the responses to items (a) and (b) above. While accidental spills of hazardous materials contained in pumped OWTS septage solids from septic tanks could occur during transport to septage handling facilities, the incremental risk of those accidents occurring within a school zone is not likely to be measurable, and is thus considered less than significant.
- d) **No Impact.** The project is not located on a site listed on the list of hazardous material sites compiled pursuant to Government Code 65962.5.
- e) **No Impact.** Installation, operation, and maintenance of the OWTS/ATU will not involve any activities that could result in safety hazard for people working near an airport.
- f) **No Impact.** The project is not located within the vicinity of a private airstrip, and as a result would not result in a safety hazard for people residing or working in the project area.
- g) **No Impact.** Installation, operation, and maintenance of the OWTS/ATU will not interfere with emergency response plans or emergency evacuation plans.

Mitigated Negative Declaration – Environmental Checklist
 Leuthe Residence Onsite Waste Treatment System/Advanced Treatment Unit
 Escondido, San Diego County

- h) **No Impact.** The proposed project would not alter the number of OWTS/ATUs that would be constructed in the future, nor would it meaningfully, if at all, alter the amount of land converted to OWTS/ATU-related uses. Therefore, potentially significant impacts involving an increase in the risk of wildland fires are not expected.

	Potentially Significant Impact	Less Than Significant with Mitigation Incorporation	Less Than Significant Impact	No Impact
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VIII. HYDROLOGY AND WATER QUALITY -- Would the project:

- | | | | | |
|---|--------------------------|-------------------------------------|-------------------------------------|-------------------------------------|
| a) Violate any water quality standards or waste discharge requirements? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| b) 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 type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| c) 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 which would result in substantial erosion or siltation on-or off-site? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

Mitigated Negative Declaration – Environmental Checklist
 Leuthe Residence Onsite Waste Treatment System/Advanced Treatment Unit
 Escondido, San Diego County

	Potentially Significant Impact	Less Than Significant with Mitigation Incorporation	Less Than Significant Impact	No Impact
d) 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 which would result in flooding on-or off-site?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
e) 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?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
f) Otherwise substantially degrade water quality?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
g) 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"/>
h) Place within a 100-year flood hazard area structures which would impede or redirect flood flows?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Mitigated Negative Declaration – Environmental Checklist
 Leuthe Residence Onsite Waste Treatment System/Advanced Treatment Unit
 Escondido, San Diego County

	Potentially Significant Impact	Less Than Significant with Mitigation Incorporation	Less Than Significant Impact	No Impact
i) 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 type="checkbox"/>	<input checked="" type="checkbox"/>
j) Inundation by seiche, tsunami, or mudflow?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

DISCUSSION

- a) **Less than Significant with Mitigation Incorporation.** The OWTS/ATU is designed to reduce biochemical oxygen demand (BOD), total suspended solids (TSS), and total nitrogen. In addition, the OWTS/ATU will utilize a subsurface drip irrigation system for wastewater disposal which will be designed to discharge the treated wastewater for agronomic uptake by vegetation and for infiltration of the residual into soil. Periodic influent and effluent monitoring, and maintenance of the OWTS/ATU is required by the San Diego Water Board through waste discharge requirements to ensure the OWTS/ATU is capable of operating as designed. Effluent discharged from the OWTS/ATU is not expected to surface or drain into surface waters. Surfacing of effluent in the disposal area is prohibited by the waste discharge requirements.
- b) **No Impact.** Installation and maintenance of the OWTS/ATU will not lead to use or depletion of groundwater supplies, thus, the proposed project would not lower the levels of the groundwater table.
- c) **Less than Significant Impact.** The proposed project would not alter the number of OWTS/ATUs that would be constructed in the future, nor would it meaningfully, if at all, alter the amount of land converted to OWTS/ATU-related uses. Therefore, this potential impact is considered less than significant.
- d) **Less than Significant Impact.** See response to item (c) above.
- e) **Less than Significant Impact.** See response to item (c) above.

Mitigated Negative Declaration – Environmental Checklist
 Leuthe Residence Onsite Waste Treatment System/Advanced Treatment Unit
 Escondido, San Diego County

- f) **Less than Significant Impact.** See response to item (a) above.
- g) **No Impact.** County of San Diego requirements prevent an OWTS/ATU from being installed within a 100-year flood hazard area, or on land located within the 100-year flood plain. Consequently, the project is not expected to expose people or structures to a risk of loss, injury, or death involving flooding or inundation.
- h) **No Impact.** See response to (g) above.
- i) **No Impact.** The OWTS/ATU will not contain components that could cause flooding. In the case of failure of a septic tank, loss, injury, or death as a result of water escaping from the system almost never occurs because the volume of water is relatively small. Thus, the proposed project would not increase the risk of flooding.
- j) **No Impact.** See response to (g) above.

	Potentially Significant Impact	Less Than Significant with Mitigation Incorporation	Less Than Significant Impact	No Impact
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IX. LAND USE AND PLANNING -
 Would the project:

- | | | | | |
|---|--------------------------|--------------------------|--------------------------|-------------------------------------|
| a) Physically divide an established community? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| b) 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"/> |

Mitigated Negative Declaration – Environmental Checklist
 Leuthe Residence Onsite Waste Treatment System/Advanced Treatment Unit
 Escondido, San Diego County

	Potentially Significant Impact	Less Than Significant with Mitigation Incorporation	Less Than Significant Impact	No Impact
c) 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

- a) **No Impact.** The proposed project will not physically divide an established community, conflict with any applicable land use plan, policy, or regulation of an agency with jurisdiction over the project, or conflict with any applicable habitat conservation plan or natural community conservation plan. The project is within the County of San Diego land use area and the County of San Diego will ensure that the project meets all of its land use plans through issuance of permits.
- b) **No Impact.** See response to item (a) above.
- c) **No Impact.** See response to item (a) above.

	Potentially Significant Impact	Less Than Significant with Mitigation Incorporation	Less Than Significant Impact	No Impact
X. MINERAL RESOURCES -- Would the project:				
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?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Mitigated Negative Declaration – Environmental Checklist
 Leuthe Residence Onsite Waste Treatment System/Advanced Treatment Unit
 Escondido, San Diego County

	Potentially Significant Impact	Less Than Significant with Mitigation Incorporation	Less Than Significant Impact	No Impact
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?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

DISCUSSION

- a) **No Impact.** The proposed project will not result in the loss of availability of known mineral resources because it is not located in an area with known mineral resources.
- b) **No Impact.** See response to item (a) above.

	Potentially Significant Impact	Less Than Significant with Mitigation Incorporation	Less Than Significant Impact	No Impact
XI. NOISE -- Would the project result in:				
a) Exposure of persons to or generation of noise levels in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Mitigated Negative Declaration – Environmental Checklist
 Leuthe Residence Onsite Waste Treatment System/Advanced Treatment Unit
 Escondido, San Diego County

	Potentially Significant Impact	Less Than Significant with Mitigation Incorporation	Less Than Significant Impact	No Impact
b) Exposure of persons to or generation of excessive groundborne vibration or groundborne noise levels?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c) 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"/>
d) 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"/>
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 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"/>
f) 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"/>

Mitigated Negative Declaration – Environmental Checklist
 Leuthe Residence Onsite Waste Treatment System/Advanced Treatment Unit
 Escondido, San Diego County

DISCUSSION

- a) **Less than Significant Impact.** Operation and maintenance of OWTS/ATUs are not typically noise-producing activities. Supplemental treatment systems may have mechanical components that produce a low level of noise during operation. Because OWTS/ATUs are generally installed near residences and small commercial enterprises, the sound levels produced by the system are designed to be minimal. Maintenance activities, such as pumping of septic tanks, take place occasionally and could involve higher levels of noise disturbance, but these activities are temporary and occur only periodically (in the case of pumping, once every few years). For these reasons, the proposed project is considered to have a less-than-significant noise impact.
- b) **Less than Significant Impact.** See the response to item (a) above.
- c) **Less than Significant Impact.** See the response to item (a) above.
- d) **Less than Significant Impact.** See the response to item (a) above.
- e) **No Impact.** Installation, operation, and maintenance of the OWTS/ATU under the proposed project would not involve any activities that could expose people residing or working near an airport to excessive noise levels, as a result there will be no impact.
- f) **No Impact.** See the response to item (e) above.

Potentially Significant Impact	Less Than Significant with Mitigation Incorporation	Less Than Significant Impact	No Impact
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XII. POPULATION AND HOUSING --
 Would the project:

- | | | | | |
|---|--------------------------|--------------------------|--------------------------|-------------------------------------|
| 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 | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
|---|--------------------------|--------------------------|--------------------------|-------------------------------------|

Mitigated Negative Declaration – Environmental Checklist
 Leuthe Residence Onsite Waste Treatment System/Advanced Treatment Unit
 Escondido, San Diego County

	Potentially Significant Impact	Less Than Significant with Mitigation Incorporation	Less Than Significant Impact	No Impact
or other infrastructure)?				
b) Displace substantial numbers of existing housing, necessitating the construction of replacement housing elsewhere?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c) Displace substantial numbers of people, necessitating the construction of replacement housing elsewhere?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

DISCUSSION

- a) **No Impact.** OWTS/ATUs are generally installed in rural areas as part of a building permit for a new home or small business. As such, these systems tend to be installed in areas where population growth is taking place. Implementation of the proposed project would not have the general effect of inducing population growth in any areas throughout the state. Structures in place, or requirements in the waste discharge requirements would not result in population growth in an area and will not include construction of new homes, businesses, roads, or infrastructure.
- b) **No Impact.** Installation of OWTS/ATUs typically accompanies housing construction and would not displace housing. Thus, there would be no impact.
- c) **No Impact.** See response to item (b) above.

	Potentially Significant Impact	Less Than Significant with Mitigation Incorporation	Less Than Significant Impact	No Impact
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Mitigated Negative Declaration – Environmental Checklist
 Leuthe Residence Onsite Waste Treatment System/Advanced Treatment Unit
 Escondido, San Diego County

Potentially Significant Impact	Less Than Significant with Mitigation Incorporation	Less Than Significant Impact	No Impact
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XIII. PUBLIC SERVICES

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:

Fire protection?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Police protection?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Schools?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Parks?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Other public facilities?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

DISCUSSION

a) **No Impact.** OWTS/ATUs are privately owned facilities operated by individual homeowners or small businesses. These systems do not require fire or police protection, educational or recreational services to construct, operate, or maintain them. Other public facilities are not expected to be impacted.

Mitigated Negative Declaration – Environmental Checklist
 Leuthe Residence Onsite Waste Treatment System/Advanced Treatment Unit
 Escondido, San Diego County

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

DISCUSSION

- a) **No Impact.** Installation of OWTS/ATUs will generally occur in rural areas as part of new home or small business construction. OWTS/ATUs are designed solely for the purpose of treating wastewater, and are not related to recreational facilities. As such, the proposed project would have no impact on the use of recreational facilities.
- b) **No Impact.** See the response to item (a) above.

Mitigated Negative Declaration – Environmental Checklist
 Leuthe Residence Onsite Waste Treatment System/Advanced Treatment Unit
 Escondido, San Diego County

Potentially Significant Impact	Less Than Significant with Mitigation Incorporation	Less Than Significant Impact	No Impact
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XV. TRANSPORTATION/TRAFFIC --

Would the project:

- | | | | | |
|--|--------------------------|--------------------------|-------------------------------------|-------------------------------------|
| a) 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"/> |
| b) 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"/> |
| c) 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"/> |

Mitigated Negative Declaration – Environmental Checklist
 Leuthe Residence Onsite Waste Treatment System/Advanced Treatment Unit
 Escondido, San Diego County

	Potentially Significant Impact	Less Than Significant with Mitigation Incorporation	Less Than Significant Impact	No Impact
d) 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"/>
e) Result in inadequate emergency access?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
f) Result in inadequate parking capacity?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
g) Conflict with adopted policies, plans or programs regarding public transit, bicycle, or pedestrian facilities, or otherwise decrease the performance or safety of such facilities?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

DISCUSSION

- a) **Less-than-Significant Impact.** Installation of OWTS/ATUs generally occur in rural areas where traffic loads are relatively light. Construction activities associated with installation of an OWTS/ATU will likely include use of a backhoe, a dump truck, and possibly one additional piece of construction equipment operating for less than one week. Operation and maintenance activities would include an increase in septic tank inspections and perhaps pumping, but related vehicle trips would occur infrequently and on roads where traffic loads are relatively light. The proposed project would have a less-than-significant impact on traffic conditions.
- b) **Less-than-Significant Impact.** As discussed above in the response to item (a), OWTS/ATU installation and maintenance could increase traffic on local and rural roadways, but by a minimal amount and on an infrequent basis. This impact is considered less than significant.

Mitigated Negative Declaration – Environmental Checklist
 Leuthe Residence Onsite Waste Treatment System/Advanced Treatment Unit
 Escondido, San Diego County

- c) **No Impact.** Installation of the OWTS/ATU will have no impact on air traffic patterns.
- d) **No Impact.** The OWTS/ATU will not be installed directly adjacent to a roadway and will have no impact on traffic hazards.
- e) **No Impact.** Because the proposed project would not increase the number of OWTS/ATUs installed over time, OWTS/ATU-related traffic patterns or emergency access to either the site of the treatment system or surrounding areas will likely not be affected.
- f) **Less than Significant Impact.** The proposed project will occur in a rural area and for brief periods of time, and as such will have minimal impacts to parking capacity.
- g) **No Impact.** For the same reasons described in items (a) through (f) above, and since alternative transportation systems are not likely to be established at or around the project site, there will be no impact to alternative transportation systems.

Potentially Significant Impact	Less Than Significant with Mitigation Incorporation	Less Than Significant Impact	No Impact
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XVI. UTILITIES AND SERVICE SYSTEMS Would the project:

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

Mitigated Negative Declaration – Environmental Checklist
 Leuthe Residence Onsite Waste Treatment System/Advanced Treatment Unit
 Escondido, San Diego County

	Potentially Significant Impact	Less Than Significant with Mitigation Incorporation	Less Than Significant Impact	No Impact
c) 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"/>
d) 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"/>
e) Result in a determination by the wastewater treatment provider which 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 type="checkbox"/>	<input checked="" type="checkbox"/>
f) 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 checked="" type="checkbox"/>	<input type="checkbox"/>
g) 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"/>

Mitigated Negative Declaration – Environmental Checklist
 Leuthe Residence Onsite Waste Treatment System/Advanced Treatment Unit
 Escondido, San Diego County

DISCUSSION

- a) **Less-than-Significant Impact.** See the related discussion in Section VIII, “Hydrology and Water Quality,” item (a).
- b) **No Impact.** The proposed project addresses installation, operation, and maintenance of an OWTS/ATU, which operate independently of any water or wastewater treatment facilities. Impacts on treatment facilities are not expected.
- c) **No Impact.** The proposed project addresses installation, operation, and maintenance of an OWTS/ATU, which operate independently of any storm drainage system that may be present in a community. Impacts on storm water drainage facilities are not expected.
- d) **No Impact.** The proposed project addresses installation, operation, and maintenance of an OWTS/ATU, and would not impact water supply entitlements.
- e) **No Impact.** This potential impact is not expected because the OWTS/ATU will operate independently of centralized wastewater treatment facilities operated by treatment providers. Thus, there would be no impact.
- f) **Less than Significant Impact.** The proposed project could increase the amount of OWTS septage that would be treated at centralized treatment plants or disposed of in septage ponds lined in compliance with Title 27, or through prescribed land application where public contact does not occur. Treatment of septage at centralized treatment plants would generate a solid waste byproduct referred to as biosolids. Biosolids are typically disposed of in landfills; since the OWTS/ATU will only be treating an average of 600 gallons of wastewater per day, existing landfill capacities should be sufficient.
- g) **No Impact.** The proposed project would not change the manner in which solid waste is created, handled, or disposed of. Thus, there is no reason to believe the proposed project would change how solid waste handling and disposal regulations are complied with.

Potentially Significant Impact	Less Than Significant with Mitigation Incorporation	Less Than Significant Impact	No Impact
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Mitigated Negative Declaration – Environmental Checklist
 Leuthe Residence Onsite Waste Treatment System/Advanced Treatment Unit
 Escondido, San Diego County

Potentially Significant Impact	Less Than Significant with Mitigation Incorporation	Less Than Significant Impact	No Impact
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XVII. MANDATORY FINDINGS OF SIGNIFICANCE --

- | | | | | |
|---|--------------------------|--------------------------|--------------------------|-------------------------------------|
| <p>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?</p> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| <p>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)?</p> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| <p>c) Does the project have environmental effects which will cause substantial adverse effects on human beings, either directly or indirectly?</p> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

Mitigated Negative Declaration – Environmental Checklist
Leuthe Residence Onsite Waste Treatment System/Advanced Treatment Unit
Escondido, San Diego County

DISCUSSION

- a) **No Impact.** The proposed project would not alter the number of OWTS/ATUs that would be constructed in the future, nor would it meaningfully, if at all, alter the amount of land converted to OWTS/ATU-related uses. For these reasons, it is not expected that OWTS/ATUs installed would result in the degradation of 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.
- b) **No Impact.** The OWTS/ATU will be installed on a property occupying an area of approximately 2.5 acres, where there is substantial distance between the proposed project and neighboring septic systems. In addition, the proposed project would not alter the number of OWTS that would be constructed in the future, nor would it meaningfully, if at all, alter the amount of land converted to OWTS-related uses. For these reasons, the proposed project is not expected to have a cumulatively considerable impact.
- c) **No Impact.** The proposed project is not expected to adversely affect water quality. The requirements and conditions prescribed in the waste discharge requirements are intended to ensure proper design, operation, and maintenance of the OWTS/ATU in order to prevent a condition of pollution, and prevent adverse impacts on human health, water quality, and the environment. For these reasons, the proposed project is not expected to have an adverse affect on human beings.