

INITIAL STUDY/ENVIRONMENTAL CHECKLIST

1. Project title:
General Waste Discharge Requirements for Existing Dairy Operations within the San Diego Region

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:
Ms. Kelly Dorsey
(858)-467-2980

4. Project location:
Existing dairy animal feeding operations (AFO) within the San Diego Regional Board jurisdiction.

5. Project sponsor's name and address:
California Regional Water Quality Control Board, San Diego Region
9174 Sky Park Court, Suite 100
San Diego, CA 92123

6. General plan designation:
Intensive Agriculture/Multiple Rural Use
7. Zoning:
Agriculture

8. Description of project: (Describe the whole action involved, including but not limited to later phases of the project, and any secondary, support, or offsite features necessary for its implementation. Attach additional sheets if necessary.)

The project is the adoption of General Order No. R9-2008-0130, Waste Discharge Requirements for existing Dairy Operations in the San Diego Region. This project would regulate the discharge of Dairy Operation wastes to land from the eight existing dairies in the San Diego Region, and covers expansions of the dairies up to 1999 mature dairy cows. The eight Dairy Operations to be regulated under these general requirements are currently regulated under National Pollutant Discharge Elimination System (NPDES) orders or individual waste discharge requirements. With the adoption of these general requirements, the Dairy Operations would be regulated under these general waste discharge requirements, and the individual orders would be rescinded.

The general requirements of this General Order are as stringent as both the NPDES orders and individual waste discharge requirements.

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

The dairies are generally surrounded by agricultural land uses with some multiple rural uses.

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

Since this project only addresses existing facilities, no other public agency approvals are required.

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.

- | | | |
|--|---|---|
| <input type="checkbox"/> Aesthetics | <input type="checkbox"/> Agriculture Resources | <input type="checkbox"/> Air Quality |
| <input type="checkbox"/> Biological Resources | <input type="checkbox"/> Cultural Resources | <input type="checkbox"/> Geology /Soils |
| <input type="checkbox"/> Hazards & 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 | |

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

5 NOV, 2008
Date

John H. Robertus
Name

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

- 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 maybe 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 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

SAMPLE QUESTION

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

Discussion:

- a) Structures in place or requirements in the General Waste Discharge Requirements (WDR) would not result in a substantial adverse affect on a scenic vista because the controls would not introduce any physical effects that could impact these characteristics.
- b) Structures in place or requirements in the WDR would not result in a substantial damage to scenic resources because the controls would not introduce any physical effects that could impact these characteristics.
- c) Structures in place or requirements in the WDR would not result in a substantial degradation of the existing visual character or quality of the site and its surroundings because the controls would not introduce any physical effects that could impact these characteristics.
- d) Ordinance No. 655, an Ordinance of the County of Riverside Regulation Light Pollution and the San Diego County Code of Regulatory Ordinances, Title 5, Division 9, Light Pollution Code are in place to limit new light or glare. These ordinances require the construction and installation of structural best management practices, such as light shields, to reduce light and glare impacts.

	Potentially Significant Impact	Less Than Significant with Mitigation Incorporation	Less Than Significant Impact	No Impact
<p>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:</p>				
a) Convert Prime Farmland, Unique Farmland, or Farmland of Statewide Importance (Farmland), as shown on the maps prepared pursuant to the Farmland Mapping and Monitoring Program of the California Resources Agency, to non-agricultural use?	<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"/>
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"/>
<p>a) Structures in place or requirements in the WDR would not result conversion of Prime Farmland, Unique Farmland, or Farmland of Statewide Importance to non-agricultural use because the use of the land is already designated for agricultural use.</p>				
<p>b) Structures in place or requirements in the WDR would not result in a conflict with existing zoning for agricultural use, or a Williamson Act contract because the use of the land as a dairy requires the land be designated for agricultural use.</p>				
<p>c) Structures in place or requirements in the WDR would not result in other changes in the existing environment which, due to their location or nature, could result in conversion of Farmland to non-agricultural use because the use of the land as a dairy requires the land be designated for agricultural use.</p>				

	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 checked="" type="checkbox"/>	<input 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 checked="" type="checkbox"/>	<input 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 checked="" type="checkbox"/>	<input type="checkbox"/>
d) Expose sensitive receptors to substantial pollutant concentrations?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
e) Create objectionable odors affecting a substantial number of people?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Discussion:

a, b,c,d) The San Diego Region is comprised of 2 air pollution control districts, the San Diego County Air Pollution Control District (APCD) and South Coast Air Quality Management District (AQMD). Dairies that fall below the air district's definitions of a large confined animal facility are not expected to contribute significantly to air quality impacts. Dairies that meet the air district's definition of a large confined animal facility (1000 or more mature milking cows for the AQMD and 2000 or more mature milking cows for the APCD) will be regulated for emissions to ensure that impacts are less than significant.

The AQMD has an ordinance that regulates emissions from large confined animal facilities, however, the APCD does not have an ordinance in place because none of the dairies in it's district that meet their definition of a large confined animal facility (2000 or more mature milking cows). General Order No. R9-2008-0130 covers up to 1999 mature milking cows, thus, no significant air quality impacts are expected in the APCD district.

e) Because the dairies are located in land zoned for agriculture, a substantial number of people will not be impacted by objectionable odors. Nonetheless, General Order No. R9-2008-0130 requires

that existing dairies be designed, constructed, and operated to ensure that wastewater or waste solids disposal operations do not cause unusual odors or other nuisance beyond the limits of the dairy property.

	Potentially Significant Impact	Less Than Significant with Mitigation Incorporation	Less Than Significant Impact	No Impact
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 regulations, or by the California Department of Fish and Game or U.S. Fish and Wildlife Service?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input 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 checked="" type="checkbox"/>	<input type="checkbox"/>
f) Conflict with the provisions of an adopted Habitat Conservation Plan, Natural Community Conservation Plan, or other approved local, regional, or state habitat	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Potentially Significant Impact	Less Than Significant with Mitigation Incorporation	Less Than Significant Impact	No Impact
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conservation plan?

Discussion:

- a) Structures in place or requirements in General Order No. R9-2008-0130 would not result in a substantial adverse effect, either directly or through habitat modifications, on any species identified as a candidate, sensitive, or special status species in local or regional plans, policies, or regulations, or by the California Department of Fish and Game or U.S. Fish and Wildlife Service because any modification to the dairies will happen within the existing dairy property.
- b) General Order No. R9-2008-0130 requires run off controls that protect off-property riparian habitats or other sensitive natural communities from the effects of the dairies. In particular, General Order No. R9-2008-0130 requires that existing dairies be designed, constructed, and operated to retain all facility wastewater and all precipitation on, and drainage through, manured areas. Additionally, General Order No. R9-2008-0130 requires all precipitation and surface drainage outside of manured areas, including that collected from roofed areas, and runoff from tributary areas resulting from a storm of intensity equal to or less than 25-year, 24-hour storm shall be diverted away from manured areas unless such drainage is fully retained.
- c) Structures in place or requirements in the WDR would not result in 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 because any modification to the dairies will happen within the existing dairy property which is not located within a wetlands area.
- d) Construction of structural controls necessary for compliance with the requirements in General Order No. R9-2008-0130 would not foreseeably restrict wildlife movement because the sizes of the structural controls are generally too small to obstruct a corridor. It is expected that if fences, acting as structural controls to prevent cows from entering surface waters are built, fence gaps will be large enough to allow migrating wildlife to pass through.
- e) Implementing the requirements in General Order No. R9-2008-0130 would not foreseeably conflict with any local policies or ordinances protecting biological resources, including trees, shrubs, grass, crops, microflora, and aquatic plants because any dairy expansion would be within already developed areas. Expansions would not occur in new undeveloped area, Dairy expansions may result in tree removal from the dairy's property for construction purposes; however the environmental impact from the tree removal would likely be less than significant. Air photos show very few trees in the animal areas, thus if trees are removed, they would be few in number. If trees are to be removed as part of an expansion, the dairies must comply with any local ordinance regarding tree removal.

	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"/>
<p>a) Structures in place or requirements in the WDR would not cause a substantial adverse change in the significance of historical resources because the WDR will only cover existing dairies. Dairy expansion is not expected to break ground or disturb cover in undeveloped areas.</p> <p>b) Structures in place or requirements in the WDR would not cause a substantial adverse change in the significance of archaeological resources because the WDR will only cover existing dairies.</p> <p>c) Structures in place or requirements in the WDR would not directly or indirectly destroy a unique paleontological resource or site or unique geologic feature because the WDR will only cover existing dairies.</p> <p>d) Structures in place or requirements in the WDR would not disturb any human remains, including those interred outside of formal cemeteries because the WDR will only cover existing dairies.</p>				

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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"/>

Mitigated Negative Declaration – Environmental Checklist
 Dairy Animal Feeding Operations

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	Potentially Significant Impact	Less Than Significant with Mitigation Incorporation	Less Than Significant Impact	No Impact
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"/>
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"/>
i) It is not reasonably foreseeable that structures in place or requirements in the WDR would expose people or structures to potential substantial adverse effects, including the risk of loss, injury, or death involving 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 because the existing dairies are not within such fault zones.				

- ii) It is not reasonably foreseeable that structures in place or requirements in the WDR would expose people or structures to potential substantial adverse effects, including the risk of loss, injury, or death involving strong seismic ground shaking because the existing dairies are not within major fault zones.
- iii) It is not reasonably foreseeable that structures in place or requirements in the WDR would expose people or structures to potential substantial adverse effects, including the risk of loss, injury, or death involving seismic-related ground failure, including liquefaction because the existing dairies are not within major fault zones.
- iv) It is not reasonably foreseeable that structures in place or requirements in the WDR would expose people or structures to potential substantial adverse effects, including the risk of loss, injury, or death involving landslides because the existing dairies are not situated in slide prone areas.
- b. It is not reasonably foreseeable that structures in place or requirements in the WDR would result in substantial soil erosion or the loss of topsoil because the existing dairies use run-off/on best management practices to prevent erosion.
- c. It is not reasonably foreseeable that structures in place or requirements in the WDR would result in on- or off-site landslide, lateral spreading, subsidence, liquefaction or collapse as a result of being located on a geologic unit or soil that is unstable because the existing dairies are not situated in low stability areas.
- d. It is not reasonably foreseeable that structures in place or requirements in the WDR would 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 because structures and buildings have been in place and have not experienced damage due to expansive soils.
- e. It is not reasonably foreseeable that structures in place or requirements in the WDR would have soils incapable of adequately supporting the use of septic tanks or alternative waste water disposal systems because the dairies have existing waste water treatment systems that have been supported by the soils.

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

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 Dairy Animal Feeding Operations

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	Potentially Significant Impact	Less Than Significant with Mitigation Incorporation	Less Than Significant Impact	No Impact
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 type="checkbox"/>	<input checked="" type="checkbox"/>
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"/>
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"/>
a-h) This project does not entail the use, emission, storage, or transportation of hazardous materials. Furthermore, existing dairies have not created any hazards for people residing or working in the project areas.				

Potentially Significant Impact	Less Than Significant with Mitigation Incorporation	Less Than Significant Impact	No Impact
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	Potentially Significant Impact	Less Than Significant with Mitigation Incorporation	Less Than Significant Impact	No Impact
VIII. HYDROLOGY AND WATER QUALITY -				
- Would the project:				
a) Violate any water quality standards or waste discharge requirements?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input 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 type="checkbox"/>	<input checked="" type="checkbox"/>
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 type="checkbox"/>	<input checked="" 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
f) Otherwise substantially degrade water quality?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input 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"/>

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 Dairy Animal Feeding Operations

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	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) Because the project is the adoption of waste discharge requirements, which do not allow violations of water quality standards, there will be no impact.
- b) The majority of existing dairies in the San Diego Region utilize groundwater for washing cows before milking. Any increase in herd size will therefore increase the demand on the groundwater basin underlying the dairy. In the event of a depleting groundwater basin, mitigation measures at the dairy will be pursued. Mitigation includes finding an alternative water supply, or using conservation measures such as low flow sprinkler heads to spray water. Alternative supplies could include buying water from a local purveyor, or treating and reusing waste water.
- c,d) These are existing dairies and no further alterations to the existing drainage pattern of the site or area are anticipated.
- e) General Order No. R9-2008-0130 requires that existing dairies be designed, constructed, and operated to retain all facility wastewater and all precipitation on, and drainage through, manured areas. Additionally, General Order No. R9-2008-0130 requires all precipitation and surface drainage outside of manured areas, including that collected from roofed areas, and runoff from tributary areas resulting from a storm of intensity equal to or less than 25-year, 24-hour storm be diverted away from manured areas unless such drainage is fully retained.
- f) General Order No. R9-2008-0130 requires that existing dairies meet the waste discharge requirements that are intended to protect water quality. Any dairy that would substantially degrade water quality would not be enrolled under General Order No. R9-2008-0130.

	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

	Potentially Significant Impact	Less Than Significant with Mitigation Incorporation	Less Than Significant Impact	No Impact
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"/>
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) Structures in place or requirements in the WDR would not result in a division of an established community because the WDR covers only existing dairies.
- b) Structures in place or requirements in the WDR would not conflict with any applicable land use plan, policy, or regulation of San Diego or Riverside Counties because the WDR covers only existing dairies that are currently in compliance with land use plans. Any expansion of the dairies will be required to obtain any relevant permits from the County.
- c) Structures in place or requirements in the WDR would not conflict with any applicable habitat conservation plan or natural community conservation plan because the WDR covers only existing dairies where there are no such plans in place.

	Potentially Significant Impact	Less Than Significant with Mitigation Incorporation	Less Than Significant Impact	No Impact
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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"/> |
| 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) Structures in place or requirements in the WDR would not result in the loss of availability of known mineral resources because the WDR covers only existing dairies where there are no known mineral resources.
- b) Structures in place or requirements in the WDR would not result in the loss of availability of known locally-important mineral resources, policy, or regulation of San Diego or Riverside Counties because the WDR covers only existing dairies that are currently in compliance. Any expansion of the dairies will be required to obtain any relevant permits from the County.

	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 type="checkbox"/>	<input checked="" type="checkbox"/>
b) Exposure of persons to or generation of excessive groundborne vibration or groundborne noise levels?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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 checked="" type="checkbox"/>	<input 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"/>

Discussion:

- a) Structures in place or requirements in the WDR would not result in the exceedance of standards established in the San Diego and Riverside Counties' General Plans because the WDR covers only existing dairies which are in compliance with the applicable General Plan. Any increase in herd size is not expected to increase the ambient noise level.
- b) Structures in place or requirements in the WDR would not result in the generation of excessive groundborne vibrations or noises because the WDR covers only existing dairies which do not generate excessive groundborne vibrations or noises. Any increase in herd size is not expected to generate excessive groundborne vibrations or noise.
- c) Structures in place or requirements in the WDR would not result in increases in exposure of people to severe noise levels because none of these structures or requirements would introduce any physical effects that could impact this characteristic. Increased traffic from milk delivery trucks and/or maintenance vehicles may increase the noise level temporarily as the vehicles pass through an area, but these levels will not be severe.
- d) There is the possibility that short term severe noise levels could be emitted during construction activities. The increase in noise levels could be mitigated by implementing commonly-used noise abatement procedures, such as sound barriers, mufflers, and limiting construction and maintenance activities to times when these activities have lower impact, such as periods when there are fewer people in the area. Applicable and appropriate mitigation measures should be evaluated when specific projects are determined, depending upon proximity of construction activities to receptors.
- e) The dairies covered under the WDR are not located within an airport land use plan.
- f) The dairies covered under the WDR are not located within an airport land use plan.

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 or other infrastructure)? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 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) Structures in place or requirements in the WDR would not result in substantial population growth in an area and will not include construction of new homes, businesses, roads, or infrastructure.
- b) Structures in place or requirements in the WDR would not result in displacing substantial numbers of existing housing because the WDR covers only existing dairies and any expansion to the existing dairies will occur within the property boundary of the dairy.
- c) This project does not involve destruction of housing. Therefore, there will be no impact.

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) Structures in place or requirements in the WDR would not result in substantial adverse physical impacts associated with the provision of new or physically altered governmental facilities because the WDR covers only existing dairies.

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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) Structures in place or requirements in the WDR would not increase the use of existing parks or other recreational facilities because the dairy operation is unrelated to the use of neighborhood and regional parks or other recreational facilities.
- b) Structures in place or requirements in the WDR does not include recreational facilities or require the construction or expansion of recreational facilities.

	Potentially Significant Impact	Less Than Significant with Mitigation Incorporation	Less Than Significant Impact	No Impact
XV. TRANSPORTATION/TRAFFIC -- Would the project:				
a) Cause an increase in traffic which is substantial in relation to the existing traffic load and capacity of the street system (i.e., result in a substantial increase in either the number of vehicle trips, the volume to capacity ratio on roads, or congestion at intersections)?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b) Exceed, either individually or cumulatively, a level of service standard established by the county congestion management agency for designated roads or highways?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c) Result in a change in air traffic patterns,				

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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"/>
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 type="checkbox"/>	<input checked="" type="checkbox"/>
g) 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"/>

Discussion:

- a) Requirements in the WDR would not result in substantially increasing traffic in relation to the existing traffic load because the WDR covers only existing dairies and any expansion to the existing dairies will only result in a minimal increase in traffic during off-peak hours due to any additional trucks picking up milk from the dairy.
- b) Requirements in the WDR would not result in the exceedance, either individually or cumulatively, of a level of service standard established by either San Diego or Riverside Counties because the WDR covers only existing dairies and any expansion to the existing dairies will only result in a minimal increase in traffic during off-peak hours due to any additional trucks picking up milk from the dairy.
- c) Structures in place and requirements in the WDR would not result in a change in air traffic patterns because dairy operations are unrelated to air traffic.
- d) Structures in place and requirements in the WDR would not substantially increase hazards due to a design feature or incompatible uses because dairy operations occur on the dairy property and surrounding infrastructure supports the use of delivery trucks.
- e) Structures in place or requirements in the WDR would not result in inadequate emergency access because the WDR will only cover existing dairies.
- f) Structures in place or requirements in the WDR would not result in inadequate parking capacity because the WDR will only cover existing dairies.

- g) Structures in place or requirements in the WDR would not conflict with adopted policies, plans, or programs supporting alternative transportation developed by San Diego or Riverside Counties because the WDR covers only existing dairies.

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

Discussion:

- a) Structures in place or requirements in the WDR would not result in the exceedance of wastewater treatment requirements of the California Water Quality Control Board, San Diego Region because discharges are regulated by the WDR.
- b) Structures in place or requirements in the WDR will involve the construction of retention ponds that will result in minor surface soil excavation or grading during construction of the retention ponds resulting in increased disturbances of the soil. The relevant areas are already being impacted by the dairy operation. Standard construction techniques, including but not limited to, shoring, piling and soil stabilization can mitigate any potential short-term impacts.
- c) It is not reasonably foreseeable that structures in place or requirements in the WDR would result in construction of new storm water drainage facilities or expansion of existing facilities, the construction of which could cause significant environmental effects because the existing dairies use run-off/on best management practices to control storm water.
- d) The majority of existing dairies in the San Diego Region utilize groundwater for washing cows before milking. Any increase in herd size will therefore increase the demand on the groundwater basin underlying the dairy. In the event of a depleting groundwater basin, mitigation measures at the dairy will be pursued. Mitigation includes finding an alternative water supply, or using conservation measures such as low flow sprinkler heads to spray water. Alternative supplies could include buying water from a local purveyor, or treating and reusing waste water.
- e) The dairies are not serviced by a wastewater treatment provider.
- f) Requirements in the WDR would not result in the need for service by a landfill because the WDR will only cover existing dairies and any waste produced by an increase in herd size will be disposed on cropland.
- g) Structures in place or requirements in the WDR will comply with federal, state, and local statutes and regulations related to solid waste because these regulations are referenced in the WDR.

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

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

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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	Potentially Significant Impact	Less Than Significant with Mitigation Incorporation	Less Than Significant Impact	No Impact
prehistory?				
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)?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c) Does the project have environmental effects which will cause substantial adverse effects on human beings, either directly or indirectly?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Discussion:

- a) It is not expected that structures in place or requirements in the WDR 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 history or prehistory because the WDR will only cover existing dairies.
- b) Cumulative impacts associated with complying with General Order No. R9-2008-0130 are expected to be less than significant because effective non-structural controls, that are not expected to have any adverse impacts, are necessary for compliance with the requirements of the General Order.
- The dischargers must use structural controls to minimize or eliminate erosion and the transport of pollutants to the waters of the state, which would increase the likelihood of potential impacts to the environment that are cumulatively considerable. Present and future specific projects and other construction activities may result in short-term cumulative impacts. The construction of structural controls, along with other construction and maintenance projects, could have short-term cumulative effects; however, these effects are not cumulatively considerable in the long-term because the effects will cease with the completion of construction.
- If the dischargers comply with the requirements of the General Order R9-2008-0130, any potential impacts on the environment will be less than significant. Dischargers who do not comply with the requirements of General Order R9-2008-0130 would not be eligible for coverage under the General Order.
- c) Structures in place or requirements in the WDR are not expected to result in environmental effects which will cause substantial adverse effects on human beings, either directly or indirectly because discharges are regulated by the WDR and any expansion to the dairies will be regulated by local agencies.