

California Environmental Quality Act

Title 14. California Code of Regulations

Chapter 3. Guidelines for Implementation of the California Environmental Quality Act

Article 9. Contents of Environmental Impact Reports

Sections 15120 to 15132

Item No. 16

Supporting Document No. 5

Environmental Impact Reports should contain the information outlined in the sections referenced above. The completeness of the *Final Environmental Impact Statement for the Tertiary Treatment Plant and Associated Facilities, MCB Camp Pendleton* was referenced to these sections in the list below. The Executive Summary (ES) describes the proposed alternative followed by further analysis in the proceeding sections. (Note: As referenced, section 4.x.1 means 4.1.1, 4.2.1, 4.3.1, etc.)

15122- Table of contents

15123

A- Executive summary

B

1- Table ES-2

2- ES-8

3- ES-1-8

C- ok

15124

A- Section 1.5, Figure 1-1,2

B- Section 1.2

C- Section 1.3

D- Section 1.8

1- Section 1.6, 7

2- N/A

15125

A- Section 3....

B- N/A

C- Section 3 (3.4)

D- Section 4.x.1, Section 6

E- Section 4.x.1, Section 6

15126

A- Section 4.x.2

B- Section 6.4

C- Section 6.3

D- Section 6.5

E- Executive Summary, table ES-2

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F- Section 2.3

15126.2

A- Section 4.x.2

B- Section 6.4

C- Section 6.3

D- Section 6.5

15126.4

A

1- Section 4.x.2-6, Section 6.1

2- Section 4.x.2

3- Section 4.x.2

4- Section 4.x.2

5- Section 4.x.2

B- Section 4.5

1- Section 4.5

2- Section 4.5

3- Section 4.5

15126.6

A- Section 2.3

B- Section 2.3

C- Section 2.3

D- Section 2.3, Section 4.x.3-5

E- Section 4.x.6

1- Section 4.x.6

2- Section 4.x.6

3- Section 4.x.6

F- Section 2.3.2

1- Section 2.3

2- Section 2.3.1

3- Section 2.3

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A- N/A

B- N/A

C- Section 6.3

15128- Section 4 (statement of effects not found to be significant)

12129- Section 8, Section 9

12130

A- Section 5

B

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1- Table 5-1, 5-2

2- Table 5-1, 5-2

3- Section 5

4- Section 5

5- Section 5.2

C- N/A

D- Section 5

E- N/A

15131- N/A

A

B

C

15132

A- ok

B- Appendix E, F

C- Section 11

D- N/A

E- N/A

CEQA Environmental Review Checklist

ENVIRONMENTAL REVIEW ITEM	POTENTIALLY SIGNIFICANT	LESS THAN SIGNIFICANT WITH MITIGATION INCORPORATED	LESS THAN SIGNIFICANT	NO IMPACT
1. Earth. Will the proposal result in:				
a. Unstable earth conditions or in changes in geologic substructures?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b. Disruptions, displacements, compaction or overcoming of the soil?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c. Change in topography or ground surface relief features?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d. The destruction, covering or modification of any unique geologic or physical features?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
e. Any increase in wind or water erosion of soils either on or off the site?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
f. Changes in deposition or erosion of beach sands, or changes in siltation, deposition or erosion which may modify the channel of a river or stream or the bed of the ocean or any bay, inlet or lake?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
g. Exposure of people or property to geologic hazards, such as earthquakes, landslides, mudslides, ground failure, or similar hazards?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
2. Air. Will the proposal result in:				
a. Substantial air emissions or deterioration of ambient air quality?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b. The creation of objectionable odors?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. Alteration of air movement, moisture or temperature, or any change in climate, either locally or regionally?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
3. Water. Will the proposal result in:				
a. Changes in currents, or the course of direction or water movements, in either marine or fresh waters?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b. Changes in absorption rates, drainage patterns, or the rate and amount of surface water runoff?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c. Alterations to the course of flow of flood waters?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d. Change in the amount of surface water in any water body?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

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POTENTIAL IMPACT	POTENTIAL SIGNIFICANT IMPACT	LESS THAN SIGNIFICANT IMPACT WITH MITIGATION INCORPORATED	LESS THAN SIGNIFICANT IMPACT	NO IMPACT
3. Water. Will the proposal result in (Cont'd):				
e. Discharge into surface waters, or in any alteration of surface water quality, including but not limited to temperature, dissolved oxygen, or turbidity?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
f. Alteration of the direction or rate of flow of ground waters?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
g. Change in the quantity or quality of ground waters, either through direct additions or withdrawals, or through interception of an aquifer by cuts or excavations?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
h. Substantial reduction in the amount of water otherwise available for public water supplies?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
i. Exposure of people or property to water related hazards such as flooding or tidal waves?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
4. Plant Life. Will the proposal result in:				
a. Change in the diversity of species, or number of any species of plants (including trees, shrubs, grass, crops, microflora and aquatic plants)?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b. Reduction of the numbers of any unique, rare or endangered species of plants?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c. Introduction of new species of plants into an area, or in a barrier to the normal replenishment of existing species?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d. Reduction in acreage of any agricultural crop?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
5. Animal Life. Will the proposal result in:				
a. Change in the diversity of species, or numbers of any species of animals (birds, land animals including reptiles, fish and shellfish, benthic organisms, insects or microfauna)?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b. Reduction of the numbers of any unique, rare or endangered species of animals?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c. Introduction of new species of animals into an area, or result in a barrier to the migration or movement of animals?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d. Deterioration to existing fish or wildlife habitat?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

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6. Noise. Will the proposal result in:				
a. Increases in existing noise levels?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b. Exposure of people to severe noise levels?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
7. Light and Glare. Will the proposal:				
a. Produce new light or glare?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
8. Land Use. Will the proposal result in:				
a. Substantial alteration of the present or planned land use of an area?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
9. Natural Resources. Will the proposal result in:				
a. Increase in the rate of use of any natural resources?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b. Substantial depletion of any nonrenewable natural resource?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
10. Risk of Upset. Will the proposal involve:				
a. A risk of an explosion or the release of hazardous substances (including, but not limited to: oil, pesticides, chemicals or radiation) in the event of an accident or upset conditions?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
11. Population. Will the proposal:				
a. Alter the location, distribution, density, or growth rate of the human population of an area?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
12. Housing. Will the proposal:				
a. Affect existing housing, or create a demand for additional housing?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
13. Transportation/Circulation. Will the proposal result in:				
a. Generation of substantial additional vehicular movement?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b. Effects on existing parking facilities, or demand for new parking?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c. Substantial impact upon existing transportation systems?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d. Alterations to present patterns of circulation or movement of people and/or goods?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
e. Alterations to waterborne, rail or air traffic?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
f. Increase in traffic hazards to motor vehicles, bicyclists or pedestrians?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

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14. Public Service. Will the proposal have an effect upon, or result in a need for new or altered governmental services in an of the following areas:				
a. Fire protection?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b. Police protection?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c. Schools?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d. Parks or other recreational facilities?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
e. Maintenance of public facilities, including roads?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
f. Other governmental services?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
15. Energy. Will the proposal result in:				
a. Use of substantial amounts of fuel or energy?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b. Substantial increase in demand upon existing sources of energy, or require the development of new sources of energy?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
16. Utilities and Service Systems. Will the proposal result in a need for new systems, or substantial alterations to the following utilities:				
a. Power or natural gas?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b. Communications systems?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c. Water?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d. Sewer or septic tanks?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
e. Storm water drainage?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
f. Solid waste and disposal?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
17. Human Health. Will the proposal result in:				
a. Creation of any health hazard or potential health hazard (excluding mental health)?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. Exposure of people to potential health hazards?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
18. Aesthetics. Will the proposal result in:				
a. The obstruction of any scenic vista or view open to the public?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b. The creation of an aesthetically offensive site open to public view?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
19. Recreation. Will the proposal result in:				
a. Impact upon the quality or quantity of existing recreational opportunities?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
20. Archeological/Historical. Will the proposal:				

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POTENTIAL IMPACT	POTENTIAL SIGNIFICANT IMPACT	LESS THAN SIGNIFICANT IMPACT WITH MITIGATION INCORPORATED	LESS THAN SIGNIFICANT IMPACT	NO IMPACT
a. Result in the alteration of a significant archeological or historical site structure, object or building?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
21. Mandatory Findings of Significance				
Potential to degrade: Does the project have the potential to degrade the quality of the environment, substantially reduce the habitat of a fish or wildlife species, cause a fish or wildlife population to drop below self-sustaining levels, threaten to eliminate a plant or animal community, reduce the number or restrict the range of a rare or endangered plant or animal or eliminate important examples of the major periods of California history or prehistory?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Short-term: Does the project have the potential to achieve short-term, to the disadvantage of long-term, environmental goals? (A short-term impact on the environment is one which occurs in a relatively brief, definitive period of time, while long-term impacts will endure well into the future.)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Cumulative: Does the project have impacts which are individually limited, but cumulatively considerable? (A project may impact on two or more separate resources where the impact on each resource is relatively small, but where the effect of the total of those impacts on the environment is significant.)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Substantial adverse: 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"/>

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Please explain under the questions below how complying with the revised or new waiver conditions will have no impact, or might cause a less than significant impact, or cause a significant impact and how it may be mitigated to less than significant levels.

- 2. Air. b.** Will the proposal result in creation of objectionable odors?
Operation of the SRTTP will potentially produce objectionable odors on site or carried off-site by wind. The site is large enough that off-site exposure should be minimal. In addition, the SRTTP will replace 3 operating plants, thereby reducing the locations to of exposure to one point.

- 3. Water. d.** Will the proposal result in change in the amount of surface water in any water body?

The treated effluent will be discharged to the Lemon Grove Ponds, Gooseneck Lake and Horse Lake. The Lemon Grove Ponds are being expanded to increase their storage capacity. They are manmade basins for wet-season storage.

- 3. Water. e.** Will the proposal result in discharge to surface waters, or in any alteration of surface water quality, including but not limited to temperature, dissolved oxygen, or turbidity?

Discharge to Lemon Grove Ponds, Gooseneck Lake and Horse Lake. Surface water quality will not be degraded if the discharger meets permit requirements.

- 3. Water. f.** Will the proposal result in alteration of the direction or rate of flow of ground waters?

Ground water flow direction should not change, but increased irrigation will increase recharge rates and magnitude of flow.

- 3. Water. g.** Change in the quantity or quality of ground waters, either through direct additions or withdrawals, or through interception of an aquifer by cuts or excavations?

Ground water volume will be increased by the additional irrigation. Quality will not be degraded if the discharger meets permit requirements.

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- 4. Plant life. b.** Will the proposal result in reduction of the numbers of any unique, rare or endangered species of plants?

Mitigation of impacted vegetation will be through replacement vegetation at at least 1:1 ratios. Impacts in waters of the US will be mitigated by replacement of at least 2:1 ratios.

- 16. Utilities and Service Systems. c.** Will the proposal result in a need for new systems, or substantial alterations to the following utilities: water,?

New reclaimed water pipelines will be installed with pump systems for distribution to storage lakes. Piping for irrigation will also be required at the discharge points.

- 17. Human Health. a.** Will the proposal result in creation of any health hazard or potential health hazard (excluding mental health)?

The discharge of treated waste has potential to degrade beneficial uses including drinking water supply.

- 17. Human Health. b.** Will the proposal result in exposure of people to potential health hazards?

The risk of exposure is limited at Camp Pendleton as a secure military installation. Additionally, public education programs focus on a limited amount of at risk personnel.

21. Mandatory Findings of Significance.

Potential to degrade: 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?

The impact will be less than significant provided the discharger meets the waste discharge requirements, as it should under standard operating procedures of the wastewater treatment plant.