



ENVIRONMENTAL CHECKLIST & Information Document

For general information regarding the preparation of this document and checklist contact:
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Use the Discussion and References space at the end of each section to document your responses. For example, explain how you determined the level of impact and document the reasoning if checking PA (possible adverse) for any resource. Attach additional pages if necessary. **Provide all correspondence with the environmental cross-cutter agencies to substantiate your determination.**

- A.** Brief project description and discussion on existing pollution problems and circumstances leading to such, violations of existing permits, pollution to surface or ground water and health problems should be documented. Include identification of alternatives and the selected alternative:

- B.** Describe if the project will improve or maintain water quality, and if the project addresses a TMDL, and/or Watershed Management Plan and existing treatment process now being utilized. Identify the receiving stream segment under the River Basin Plan.

C. Provide latitude and longitude of the proposed project (if a transmission / distribution / collection line identify the center point not the whole line):

D. Provide discharge (WW) or source (DW) information: N/A.

E. Provide NPDES/PWSID number:

F. Provide primary waterbody name and waterbody ID, secondary name (if available), and State designated surface water use:

G. Did your analysis consider how this project impacts community planning efforts in other areas (i.e. transportation, housing, land use, etc.)?

Questions 1 - 23

Y = Yes N = No PA = Possible Adverse (Check the appropriate box or print out and circle)

1. Physical Aspects - Topography, Geology and Soils

- | | | | | |
|---|---|----|----|---|
| Y | N | PA | a. | Are there physical conditions (e.g., steep slopes, shrink-swells soils, etc.) that might be adversely affected by or might affect construction of the facilities? |
| Y | N | PA | b. | Are there similar limiting physical conditions in the planning area that might make development unsuitable? |
| Y | N | PA | c. | Are there any unusual or unique geological features that might be affected? |
| Y | N | PA | d. | Are there any hazardous areas (slides, faults, etc.) that might affect construction or development? |

Discussion and References:

2. Climate

- | | | | | |
|---|---|----|----|---|
| Y | N | PA | a. | Are there any unusual or special meteorological constraints in the planning area that might result in an air quality problem? |
| Y | N | PA | b. | Are there any unusual or special meteorological constraints in the planning area that might affect the feasibility of the proposed alternative? |

Discussion and References:

3. Population

- | | | | | |
|---|---|----|----|---|
| Y | N | PA | a. | Are the proposed growth rates excessive (exceeding State projections, greater than 6% per annum for the 20 year planning period)? |
| Y | N | PA | b. | Will additional growth be induced or growth in new areas encouraged as a result of facilities construction? |
| Y | N | PA | c. | Will the facilities serve areas which are largely undeveloped areas at present? |

Discussion and References:

4. Housing, Industrial and Commercial Development and Utilities

- Y N PA a. Will existing homes or business be displaced as a result of construction of this property?
- Y N PA b. Will new housing serviced by this facility affect existing facilities, transportation patterns, environmentally sensitive areas, or be in special hazard or danger zones?
- Y N PA c. Will new housing create strains on other utilities and services - policies, power, water supply, schools, hospital care, etc.?

Discussion and References:

5. Economics and Social Profile

- Y N PA a. Will certain landowners benefit substantially from the development of land due to location and size of the facilities?
- Y N PA b. Will the facilities adversely affect land values?
- Y N PA c. Are any poor or disadvantaged groups especially affected by this project?

Discussion and References:

6. Land Use

- Y N PA a. Will projected growth defeat the purpose of local land use controls any?
- Y N PA b. Is the location of the facilities incompatible with local land use plans?
- Y N PA c. Will inhabited areas be adversely impacted by the project site?
- Y N PA d. Will new development have adverse effects on older existing land uses (agriculture, forest land, etc.)?
- Y N PA e. Will this project contribute to changes in land use in association with recreation (skiing, parks, etc.), mining or other large industrial or energy developments?

Discussion and References:

7. Floodplain Development

- Y N PA a. Does the planning area contain 100 year floodplains?
If yes -
- Y N PA b. Will the project be constructed in a 100 year floodplain?
- Y N PA c. Will the project serve direct or indirect development in a 100 year floodplain anywhere in the planning area?

Discussion and References:

8. Wetlands

- Y N PA a. Does the planning area contain wetlands as defined by the U.S. Fish and Wildlife Service?
If yes -
- Y N PA b. Will any structure of the facility be located in wetlands?
- Y N PA c. Will the project serve growth and development which will directly or indirectly affect wetlands?

Discussion and References:

9. Wild and Scenic Rivers

- Y N PA a. Does the planning area contain a designated or proposed wild and scenic river?
If yes -
- Y N PA b. Will the project be constructed near the river?
- Y N PA c. Will projected growth and development take place contiguous to or upstream from the river segment?
- Y N PA d. Will the river segment be used for disposal of effluent?

Discussion and References:

10. Cultural Resources (Archeological/Historical)

- Y N PA a. Are there any properties (historic, architectural, and archeological) in the planning area which are listed on or eligible for listing on the National Register of Historic Places?
If yes -
- Y N PA b. Will the project have direct or indirect adverse impacts on any listed or eligible property?

Discussion and References:

11. Flora and Fauna (including endangered species)

- Y N PA a. Are there any designated threatened or endangered species or their habitat in the planning area?
- Y N PA b. Will the project have direct or indirect adverse impacts on any such designated species?
- Y N PA c. Will the project have direct or indirect adverse impacts on fish, wildlife or their habitat including migratory routes, wintering or calving areas?
- Y N PA d. Does the planning area include a sensitive habitat area designed by a local, State or Federal wildlife agency?

Discussion and References:

12. Recreation and Open Space

- Y N PA a. Will the project eliminate or modify recreation open space, parks or areas of recognized scenic or recreation value?
- Y N PA b. Is it feasible to combine the project with parks, bicycle paths, hiking trails, waterway access and other recreational uses?

Discussion and References:

13. Agricultural Lands

- Y N PA a. Does the planning area contain any environmentally significant agricultural lands (prime, unique, statewide importance, etc.) as defined in the EPA Policy to Protect Environmentally Significant Agricultural Lands dated September 8, 1978?
- Y N PA b. Will the project directly or indirectly encourage the irreversible conversion of Environmentally Significant Agricultural Lands to uses which result in the loss of these lands as an environmental or essential food production resource

Discussion and References:

14. Air Quality

- Y N PA a. Are there any direct air emissions from the project (e.g., odor controls, sludge incinerator) which do not meet Federal and State emission standards contained in the State Air Quality Implementation Plan (SIP)?
- Y N PA b. Is the project service area located in an area without an approved or conditionally approved (SIP)?
- Y N PA c. Is the increased capacity of the project greater than 1 mgd?
- Y N PA d. Do the population projections used in the facilities plan exceed the State or area wide projections in the SIP by more than 5%?
- Y N PA e. Does the project conform to the requirements of the SIP? (See EPA regulations under Section 316 of the Clean Air Act.)
- Y N PA f. Is the project inconsistent with the SIP of an adjoining State that may be impacted by the Project?
- Y N PA g. Does the project violate national ambient Air Quality Standards in an attainment or unclassified area?
- Y N PA h. Will the facilities create an odor nuisance problem?

Discussion and References:

15. Water Quality and Quantity (Surface/Groundwater)

- | | | | | |
|---|---|----|----|--|
| Y | N | PA | a. | Are present stream classifications in the receiving stream being challenged as too low to protect present or recent uses? |
| Y | N | PA | b. | Is there a substantial risk that the proposed discharge will not meet existing stream standards or will not be of sufficient quality to protect present or recent stream uses? |
| Y | N | PA | c. | Will construction of the project and development to be served the project result in non-point water quality problems (sedimentation, urban stormwater, etc.)? |
| Y | N | PA | d. | Will water rights be adversely affected by the project? |
| Y | N | PA | e. | Will the project cause a significant amount of water to be transferred from one sub-basin to another (relative to the 7-day, 10 year flow of the diverted basin)? |
| Y | N | PA | f. | Will stream habitat be affected as a result of the change in flow or stream bank modification? |
| Y | N | PA | g. | Are stream conditions needed or deciding upon the required limitations inadequately specified in the 208 Plan? If so, have the waste load allocations calculations been performed and approved by the State and EPA? |
| Y | N | PA | h. | Is an Antidegradation Review required? |
| Y | N | PA | i. | Will the project adversely affect the quantity or quality of a groundwater resource? |
| Y | N | PA | j. | Does the project adversely affect an aquifer used as a potable drinking water supply? |
| Y | N | PA | k. | Are there additional cost effect water conservation measures that could be adopted by community to reduce sewage generation? |

Discussion and References:

16. Public Health

- | | | | | |
|---|---|----|----|--|
| Y | N | PA | a. | Will there be adverse direct or indirect noise impacts from the project? |
| Y | N | PA | b. | Will there be a vector problem (e.g. mosquito) from the project? |
| Y | N | PA | c. | Will there be any unique public health problems as a result of the project (e.g. increased disease risks)? |

Discussion and References:

17. Solid Waste (Sludge Management)

- | | | | | |
|---|---|----|----|--|
| Y | N | PA | a. | Will sludge disposal occur in an area with inadequate sanitary landfills or on land unsuitable for land application. |
| Y | N | PA | b. | Are there special problems with the sludge that makes disposal difficult (hazardous, difficulty to treat)? |
| Y | N | PA | c. | Is the technology selected for sludge disposal controversial? |

Discussion and References:

18. Energy

- Y N PA a. Are there additional cost-effective measures to reduce energy consumption or increase energy recovery which could be included in this project?

Discussion and References:

19. Land Application

- Y N PA a. Has a new or unproven technique been selected?
Y N PA b. Is there considerable public controversy about the project?
Y N PA c. Will the project require additional water rights or impact existing water rights?
Y N PA d. Is the project multi-purpose?

Discussion and References:

20. Regionalization

- Y N PA a. Are there jurisdictional disputes or controversy over the project?
Y N PA b. Is conformance with the 208 plan in question?
Y N PA c. Is the proliferation of small treatment plants and septic systems creating a significant health problem?
Y N PA d. Have inter-jurisdictional agreements been signed?

Discussion and References:

21. Environmental Justice

- Y N PA a. Does the potentially affected community include minority and/or low income populations?
Y N PA b. Are any environmental impacts likely to fall disproportionately on minority and/or low income members of the community and/or tribal resources?

If the answer to either question is yes, it is possible that steps may be needed to enhance outreach efforts to engage these groups during public participation.

Submit the project location in latitude and longitude in degrees, minutes, and seconds. Offer any discussion necessary if the project does not disproportionately fall upon any of the aforementioned groups.

22. Public Participation

- | | | | | |
|---|---|----|----|--|
| Y | N | PA | a. | Is there a substantial level of public controversy? |
| Y | N | PA | b. | Is there adequate evidence of public participation in the project? |

(Note: At least one public meeting should be held.) Briefly discuss the public meeting or provide meeting minutes.

23. Environmental Laws

- | | | | | |
|---|---|----|----|---|
| Y | N | PA | a. | Does the project threaten to violate any State, Federal or local law or requirement imposed to protect the environment? |
|---|---|----|----|---|

Discussion and References:

Prepared By: _____
Name, Title, and Affiliation

Date: _____