**Nevada Clean Water State Revolving Fund**

**Checklist for**

**Environmental Review of Facility Plans/PERs**

**Project Name:**

**Reviewer:**

**Date:**

**Yes (Adequate) = Y No (Inadequate) = N Not Applicable = N/A**

|  |  |
| --- | --- |
| 1. **Physical Aspects – Topography, Geology & Soils** |  |
| * 1. Are there physical conditions (e.g., steep slopes, high groundwater) that might adversely affect the construction of the WWTP facilities or other project? |  |
| * 1. Are there limiting physical conditions in the planning area that might make development unsuitable? |  |
| * 1. Are there any unusual or unique geological features that might be affected? |  |
| * 1. Are there any hazardous areas (e.g., slides, faults) that might affect construction or development? |  |
| Discussion: |  |
| 1. **Climate** |  |
| * 1. Are there any unusual or special meteorological constraints in the planning area that might result in an air quality problem? |  |
| * 1. Are there any unusual or special meteorological constraints in the planning area that affect the feasibility of the proposed wastewater treatment alternative or other project? |  |
| Discussion: |  |
| 1. **Population** |  |
| * 1. Do the population projections agree with State projections? |  |
| * 1. Are the growth rates excessive (>30%)? |  |
| * 1. Will additional growth be induced or growth in new areas encouraged as a result of facilities construction? |  |
| Discussion: |  |
| 1. **Housing, Industrial & Commercial Development & Utilities** |  |
| * 1. Will existing homes or businesses be displaced as a result of construction of this project? |  |
| * 1. Will new housing serviced by this facility affect existing facilities, transportation patterns, environmentally sensitive areas, or be in special hazard or danger zones? |  |
| * 1. Will proposed population growth create strains on utilities & services (e.g., police, power, water supply, hospital care, schools)? |  |
| Discussion: |  |
| 1. **Economics & Socio-economic Issues/Environmental Justice** |  |
| * 1. Does documentation exists which suggests that the local populace cannot afford their local share of the proposed project? |  |
| * 1. Will the facilities adversely affect land values? |  |
| * 1. Will the proposed project pose disproportionately high & adverse human health or environmental effects to minority & low-income populations? |  |
| Discussion: |  |
| 1. **Land Use** |  |
| * 1. Will inhabited areas be adversely impacted by the project site? |  |
| * 1. Will new development have adverse effects on older existing land uses (e.g., agriculture, forest land)? |  |
| * 1. Will this project contribute to changes in land use in association with recreation (e.g., parks, skiing), mining, or other large industrial or energy development? |  |
| Discussion: |  |
| 1. **Floodplain Development** |  |
| * 1. Will the project be constructed in a 100-year or 500-year floodplain? |  |
| * 1. Will the project serve direct or indirect development in a 100-year or 500-year floodplain anywhere in the planning area? |  |
| Discussion: |  |
| 1. **Wetlands** |  |
| * 1. Does the planning area contain wetlands? |  |
| * 1. If yes to (a), will any major part of the treatment works be located in wetlands? |  |
| * 1. If yes to (a), will the project serve growth & development which will directly or indirectly affect wetlands? |  |
| Discussion: |  |
| 1. **Wild & Scenic Rivers** |  |
| * 1. Does the planning area contain a designated or proposed wild & scenic river? |  |
| * 1. If yes to (a), will the project be constructed near the river? |  |
| * 1. If yes to (a), will the projected growth & development take place contiguous to or upstream from the river segment? |  |
| * 1. If yes to (a), will the river segment be used for disposal or effluent? |  |
| Discussion: |  |
| 1. **Cultural Resources (Archaeological / Historical)** |  |
| * 1. Are there any properties (e.g., historic, architectural, archaeological) in the planning area which are listed on or eligible for listing on the National Register of Historic Places? |  |
| * 1. If yes to (a), has the project site been surveyed for cultural resources? |  |
| Discussion: |  |
| 1. **Flora & Fauna (including threatened & endangered species)** |  |
| * 1. Are there any designated threatened or endangered species or their habitat in the planning area? |  |
| * 1. Will the project have direct or indirect adverse impacts on any such designated species or habitat? |  |
| * 1. Will the project have a direct or indirect adverse impact on fish, wildlife, or their habitat including migratory routes? |  |
| * 1. Does the planning area include a sensitive habitat area designated by a state or federal agency? |  |
| Discussion: |  |
| 1. **Recreation & Open Space** |  |
| * 1. Will the project eliminate or modify recreational open space, parks, or areas of recognized scenic or recreational value? |  |
| * 1. Is it feasible to combine the project with parks, bicycle paths, hiking trails, waterway access &/or other recreational uses? |  |
| Discussion: |  |
| 1. **Air Quality** |  |
| * 1. Are there any direct air emissions from the project (e.g., sludge incinerator) which do not meet federal & state emissions standards contained in the State Air Quality Implementation Plan (SIP)? |  |
| * 1. Is the project service area located in an area without an approved or conditionally approved SIP? |  |
| * 1. Do the population projections used in the facility plan exceed the state or area-wide projections in the SIP? |  |
| * 1. Does the project conform with the requirements of the SIP? |  |
| * 1. Is the project inconsistent with the SIP of an adjoining state that may be impacted by the project? |  |
| * 1. Does the project violate national ambient air quality standards in an attainment or unclassified area? |  |
| * 1. Will the facilities create an odor nuisance problem? |  |
| Discussion: |  |
| 1. **Water Quality & Quantity (Surface / Groundwater)** |  |
| * 1. Is there a substantial risk that the proposed discharge will not meet existing stream standards or will not be of sufficient quality to protect designated stream uses? |  |
| * 1. Will construction of the project & development to be served by the project result in nonpoint source water quality problems (e.g., sedimentation, urban runoff)? |  |
| * 1. Will water rights be adversely affected by the project? |  |
| * 1. Will stream habitat be affected as a result of the change in flow or stream bank modification? |  |
| * 1. Have the wasteload allocation calculations been performed? |  |
| * 1. Will the project adversely affect the quantity or quality of a groundwater resource? |  |
| * 1. Are there additional cost-effective water conservation measures that could be adopted by the community to reduce sewage generation? |  |
| Discussion: |  |
| 1. **Public Health** |  |
| * 1. Will there be adverse direct or indirect noise impacts from the project? |  |
| * 1. Will there be a vector problem from the project? |  |
| * 1. Will there be any unique public health problems as a result of the project? |  |
| Discussion: |  |
| 1. **Land Application** |  |
| * 1. Has a new or unproven technique been selected? |  |
| * 1. Is there considerable public controversy about the project? |  |
| * 1. Will the project require additional water rights or impact existing water rights? |  |
| Discussion: |  |
| 1. **Regionalization** |  |
| * 1. Are there jurisdictional disputes or controversy over the project? |  |
| * 1. Is the proliferation of small treatment plants & septic systems creating a significant health problem? |  |
| * 1. Have inter-jurisdictional agreements been signed? |  |
| Discussion: |  |
| 1. **Public Participation** |  |
| * 1. Is there a substantial level of public controversy? |  |
| * 1. Is there adequate evidence of public participation in the project? |  |
| Discussion: |  |