

Impact Analysis
Team No. 6
Resource Areas
Assessment Methods and Example Variables

Air Quality (qualitative descriptions)

- Construction
- Land use — where is impacts on land use development
— not site specific

Noise (qualitative descriptions)

- Construction
- Facilities operations
- Recreation
- Land use

Visual Resources (qualitative descriptions)

- Visual resource conditions
- Viewer response (sensitivity)

Cultural Resources (qualitative descriptions plus data bases)

- Construction
- Culturally sensitive landforms
- Known historic or prehistoric sites

Public health and Environmental Hazards (qualitative descriptions)

- Mosquito breeding habitat
- Habitat for other disease vector populations
- Risk of human contact
- Risk of hazardous material upset

Recreation Resources (qualitative descriptions with some hydrologic modeling results)

- Recreation opportunities
- Recreation use

Geomorphology, Soils, and Seismicity (qualitative descriptions)

- Erosion
- Soil Salinity
- Subsidence (peat oxidation and groundwater withdrawals)
- Seismicity (CERCLA statute)

Traffic and Navigation (qualitative descriptions)

- Regional roadway level of service — Part of land use
- Roadway safety conditions
- Regional waterway traffic

- Waterway navigation conditions

Utilities and Public Services (qualitative descriptions with input from hydrologic modeling, and other resource areas)

- Electrical facilities
- Water conveyance facilities
- Natural gas fields
- Pipelines
- Transportation infrastructure
- Ship channels
- Communication facilities
- Police, fire, and emergency services

Social Well-Being (qualitative descriptions, available demographic data, input from regional economics)

- Community stability
- Environmental justice