



CHECKLIST AND INSTRUCTIONS
FOR
ENVIRONMENTAL ASSESSMENT
PROJECTS

Exhibit E-5

CHECKLIST FOR ENVIRONMENTAL ASSESSMENT PROJECTS - 58.36

GRANTEE: _____ SUB GRANTEE (if applicable): _____

NAME OF PROJECT: _____ CONTRACT NUMBER: # _____

PREPARED BY: _____

IMPACT CATEGORIES →	NO IMPACT	POTENTIALLY BENEFICIAL	POTENTIALLY ADVERSE	REQUIRES MORE STUDY	NEEDS MITIGATION	NEEDS PROJECT MODIFICATION	Type narrative in this column or attach a separate page(s) on which you respond to each of the criteria. Attach any supporting documentation.
Related Federal Laws & Authorities 24 CFR Part 58.5 ↓							
1 HISTORY: Properties, Archaeological, Cultural The National Historic Preservation Act of 1966 Protection and Enhancement of Cultural Environment							Review Attachment A
2 FLOODPLAINS MANAGEMENT & WETLAND PROTECTION – (24 CFR PART 55)							
a. Executive Order 11988, Floodplain Management - Eight Step Process							Review Attachments B, C, C1, C2, C3, C4
b. Executive Order, 11990, Protection of Wetland -Eight Step Process							Review Attachments C, C1, C2, C3, C4
3 COASTAL BARRIERS	** NOT APPLICABLE IN REGION VIII - UTAH**						
4 SOLE SOURCE AQUIFERS - Safe Drinking Water Act of 1974 (40 CFR Part 149)							Review Attachment D
5 ENDANGERED SPECIES - Endangered Species Act of 1973							Review Attachment E
6 WILD AND SCENIC RIVERS - The Wild and Scenic Rivers Act of 1968							Review Attachment F
7 AIR QUALITY - The Clean Air Act & 40 CFR Parts 6,51,93							Review Attachment G
8 FARMLANDS PROTECTIONS - Farmland Protection Act of 1981 & 7 CFR PART 658.							Review checklist instructions
9 TOXIC CHEMICALS/RADIOACTIVE MATERIALS - CERCLIS							Review Attachment H
10 ENVIRONMENTAL JUSTICE Executive Order 12898							Review checklist instructions
11 HUD ENVIRONMENTAL STANDARDS: 24 CFR PART 51 - (SUBPARTS B, C, D)							
NOISE (Subpart B)							Review Attachment I
HAZARDOUS SUBSTANCES (Subpart C) (Above ground Storage Tanks)							Review Attachment J
AIRPORT CLEAR ZONES (Subpart D)							Are you building on an airport runway?? A runway clear zone?

12 LOCAL LAWS AND REGULATIONS (EG: County, City, town permits)	(Make statement indicating that the local laws will be observed and which building permits, etc, if any, are required for this project.)						
13 Lead Based Paint 24 CFR Part 35 – Refer to Section I of handbook	This project involves pre-1978 buildings used for children OR sleeping ___ This project does not involve pre-1978 buildings used for children OR sleeping ___						
14 Culinary Water Projects & Wastewater Treatment Plant Projects	DEQ requires grantees to submit project plans prior to construction. Approval letter from DEQ, (801) 536-4200, must be attached to this checklist in order to receive an environmental clearance from the HUD environmental review officer (Cheryl Brown).						
<p style="text-align: center;">IMPACT CATEGORIES →</p> <p>NEPA Regulations (40 CFR Parts 1500 –1508) ↓</p>	NO IMPACT	POTENTIALLY BENEFICIAL	POTENTIALLY ADVERSE	REQUIRES MORE STUDY	NEEDS MITIGATION	NEEDS PROJECT MODIFICATION	<p>Type narrative in this column or attach a separate page(s) on which you respond to each of the criteria. Attach any supporting documentation.</p>
	15. Land Development						
a. Conformance with Planning/Zoning:							
b. Compatibility and urban Impact.							
c. Slope							
d. Erosion							
e. Soil Suitability							
f. Energy Consumption							
g. Hazards, Nuisances, and Site Safety							
1. Site Hazards:							
2. Traffic:							
3. Natural:							
16. Socioeconomic							
a. Demographic/Character Changes							
b. Displacement							
c. Employment and Income							
17. Community Facilities and Services							
a. Educational Facilities							
b. Commercial Facilities							
c. Health Care							
d. Social Services							
e. Solid Waste							
f. Waste Water							
g. Storm Water							
h. Water Supply							
i. Public Safety:							
1. Police							
2. Fire							
3. Emergency/Medical:							

<p style="text-align: center;">IMPACT CATEGORIES →</p> <p>NEPA Regulations (40 CFR Parts 1500 –1508) ↓</p>	NO IMPACT	POTENTIALLY	POTENTIALLY ADVERSE	REQUIRES MORE	NEEDS MITIGATION	NEEDS PROJECT MODIFICATION	<p>Type narrative in this column or attach a separate page(s) on which you respond to each of the criteria. Attach any supporting documentation.</p>
j. Open Space/Recreation:							
1. Open Space							
2. Recreation							
3. Cultural Facility							
k. Transportation							
SUMMARY OF CONDITIONS, FINDINGS AND CONCLUSIONS:							
PROJECT MODIFICATIONS AND ALTERNATIVES CONSIDERED:							
MITIGATION MEASURES NEEDED OR ALTERNATIVES PROPOSED:							

Final Determination

The preparer(s) have complied with all provisions of 24 CFR part 58, Subpart E – Environmental Review Process and have determined one of the following:

- **Finding of No Significant Impact (FONSI)** whereby the Responsible Entity shall publish the “Finding of No Significant Impact/Notice of Intent to Request Release of Funds” (FONSI/NOIRROF) per regulations found at 24 CFR part 58, se. 58.43 (a).
- **Finding of Significant Impact** whereby the Responsible Entity must proceed to develop an Environmental Impact Statement (EIS) in compliance with 24 CFR part 58, subparts F or G.

(Contact the HUD Environmental Review Specialist at the State of Utah, Dept of Community and Culture, for guidance prior to publishing.)

Preparer Signature:

_____ Date: _____

Environmental Certifying Officer (ECO) Signature:

_____ Date _____

Title

Environmental Assessment Checklist Instructions

(Questions 1 – 14 are the same as those for the Categorically Excluded Checklist.

Please refer to that checklist for guidance.)

15. LAND DEVELOPMENT

a. Conformance with Comprehensive Plans and Zoning

1. Is the proposal consistent with completed components of the local or regional comprehensive plan, whether adopted or in draft state? Is there a relevant state plan and is the proposal consistent?
2. Is the proposed project consistent with other plans including those prepared by area wide planning agencies, special districts and boards and state agencies in various functional areas?
3. Is the proposed project consistent with adopted community or area wide policies and goals?
4. Does the proposed project comply with existing zoning and subdivision regulation? If not, does the proposal require a zoning variance?

b. Compatibility and Urban Impact

1. What are the existing land uses adjacent to the proposed project? Do those whose property abuts, and neighbors, think the proposed project will be incompatible with existing uses?
2. Will the project have an adverse effect on the economy of a core city area? Will it contribute to urban sprawl? Will it displace economic activity from a central business district?
3. Will the proposed project result in induced development which will alter existing land use or which will be incompatible with the existing scale and density of development? Are the changes that will result from any induced development regarded by the community as beneficial or negative?
4. Does the proposed project contribute to reducing the racial, ethnic and income segregation of the area's housing?

c. Slope

1. Does the proposal call for development on a steep slope and, if so, does its design plan include measures to overcome potential erosion, slope stability and runoff problems?
2. Does the county, local or site-specific soil survey mention that slopes are unstable for any of the soils on the site?
3. Is there a history of slope failure in the project area environs?
4. Is there visual indication of previous slides or slumps in the project area, such as cracked walls or tilted trees or fences?

d. Erosion

1. Does the project involve development of an erosion sensitive area (near water, on a steep slope, on a sandy or silty soil)? If so, is erosion control included as part of the plan?
2. Does the proposed project create slopes by cut and fill?
3. Does site clearance require vegetation removal? How many acres will be cleared and for how long?
4. Is there evidence of erosion or sedimentation?

e. Soil Suitability

1. Is there any visible evidence of soil problems--foundation cracking or settling, basement flooding, etc.--in the neighborhood of the project site?
2. Have soil bores been made for the area? Do they indicate marginal or unsatisfactory soil conditions?
3. If the answer to either of the above questions is yes and the proposed project involves either new construction or very substantial rehabilitation activities, does the project design include appropriate mitigation measures to address the problem of poor soil conditions?

f. Energy Consumption

1. Does the location of the site have any special energy related advantages or disadvantages? Can these be maximized or overcome?
2. Have the architectural plans taken full advantage of potential energy saving measures, such as insulation, window design and placement, lighting, heating, cooling and hot water systems? Are they in conformance with HUD Minimum Property Standards and other applicable energy saving codes?

3. Is the project close to transit, shopping, services and employment locations?

g. Hazards, Nuisances and Site Safety

1. **Site Hazards:** Shadows, inadequate street lighting, uncontrolled access to lakes and streams, improperly screened drains or catchment areas, steep stairs or walks, overgrown brush, lack of access for emergency vehicles, hazardous waste dumps, uranium mill tailings, used as foundation or building material, radioactive reclaimed phosphate land, facilities handling chemicals and/or petrochemicals of an explosive or fire prone nature.

2. **Traffic:** circulation conflicts, road safety, and exposure to radiation or toxic substances.

3. **Natural Hazards:** Climatic: wind, droughts, floods, lightning, hurricanes, tornadoes, hail and snowstorms; Geological: erosion, landslides, volcanoes, earthquakes; Biological: infestations, allergies, bacterial, viral and fungal diseases.

- a. Does the project involve any of the potential hazards listed above? Any that are not listed including hazards created by project construction, operation and design as well as those existing on and near the site?

16. SOCIOECONOMIC

a. Demographic/Community Character Changes:

1. What is/are the identifiable community(ies) within the sphere of likely impact of the proposed project? What are the factors which contribute to the character of the community(ies)?
2. Will the proposed project significantly alter the demographic characteristics of the community?
3. Will the proposed project result in physical barriers or difficult access which will isolate a particular neighborhood or population group, making access to local services, facilities and institutions or other parts of the city more difficult?
4. Will the proposed project severely alter residential, commercial or industrial uses?
5. Will the proposed project destroy or harm any community institution, such as a neighborhood church?

b. Displacement:

1. Will the project directly displace individuals or families? How many persons? Is the displacement covered by the Uniform Relocation Act and are funds available for payments?
2. Will the project destroy or relocate existing jobs, community facilities or any business establishments? Is the displacement covered by the Uniform Relocation Act and are funds available for payments?
3. Are relocation funds available for families or individuals who may be directly displaced?
4. Will identifiable groups be affected--older persons, females, single-parent families, racial/ethnic, or income groups, or minority group members?
5. Are replacement facilities or housing units available within the community or in nearby neighborhoods? What will be the effect of relocation on these neighborhoods?
6. Will the project result in probable indirect displacement? If so, have measures been planned to alleviate the hardship on those affected whose displacement is not covered under the Act?

c. Employment and Income:

1. Will the project either significantly increase or decrease employment opportunities? Will it create conditions favorable or unfavorable to commercial, industrial, or institutional operation or development?
2. How many temporary and how many permanent jobs will be created by the project?
3. What is the profile of new jobs created by the project? What is the distribution across the skills and income scale? How do these relate to the skills and income profile of project area residents?
4. Will the new jobs likely go to area residents to lower income, unemployed and minority group members? Will construction jobs likely go to union or non-union workers?
5. Where are the new employees likely to come from (i.e., inner city, suburb, outside SMSA)?

17. COMMUNITY FACILITIES AND SERVICES

a. Educational Facilities:

1. Will the additional school age children in the proposed development exceed the capacity of existing or planned school facilities?
2. Does the potentially affected school(s) have adequate and safe access facilities (i.e., walking paths, bus routes, crosswalks and guards) given any calculations done for projected population increase? Are these adequate both in terms of safety and access?
3. Will additional or alternative facilities have to be provided to ensure safety and suitable access?
4. What measures will be taken by the superintendent or school's governing body to resolve potential problems/conflicts?

b. Commercial Facilities:

1. Is there adequate and convenient access to retail services? In the case of elderly, this means that shopping for such essential items as food and medicine is within three blocks and services such as banks and other convenience shopping are within walking distance.
2. Will existing retail and commercial services be adversely impacted by the proposed project? Will existing businesses be placed at a competitive disadvantage or be displaced?

c. Health Care:

1. Are non-emergency health care services located within a reasonable proximity to the proposed project, i.e., less than a half-hour's drive or commute away? (In dense urban areas an even shorter time period may set the standards.)
2. Is emergency health service available within approximately three to five minutes? Such service can often be provided by police and fire personnel as well as by ambulance staff.
3. Can ambulance trips to a hospital or other health care center be made within 10 to 15 minutes?
4. Is the number of doctors, dentists, nurses and other trained medical staff in realistic proportion to any increase in residents/users?
5. If not, can provision be made for additional skilled staff?
6. Will project residents/users require special medical services or skills such as geriatric clinics?
7. Will the local comprehensive health-planning agency be contacted in the event that an increase in population from a proposed development causes a situation of increased or over capacity for area health care services? Consult the local area health systems agency to determine an estimate of number of hospital beds and other facilities needed. If over capacity is anticipated, the local comprehensive health-planning agency should be approached for possible alternative plans.

d. Social Services:

1. Are social services currently located in close proximity to the prospective users/residents? Are they within walking distance or convenient to public transportation and less than one-half hour's commute?
2. Is the number of trained staff including social workers, counselors, psychologists, psychiatrists, and related administrative and managerial personnel in realistic proportion to the anticipated increase residents/users? If not, could provision readily be made for additional skilled staff?
3. Will the demand for the social services increase and overburden existing facilities, can provision be made to obtain alternative and/or additional space?

e. Solid Waste:

1. Will the planned solid waste disposal system adequately service the proposed development?
2. As a result of the project, will the design capacity of these facilities be exceeded?
3. Will the proposed project be adversely affected by proximity to these facilities?
4. Does the community have an adequate number of vehicles to provide the project with collection service?
5. Will the residents/users or proposed project have to pay annual/monthly costs for these services? Will these costs create severe financial hardships for project residents? (This can be a real consideration if low income or elderly are primary users.)

f. Waste Water:

1. Will existing or planned waste water systems adequately service the proposed development?
2. As a result of the project, will the design capacity of these facilities be exceeded?
3. Will the proposed project be adversely affected by proximity to these facilities?
4. In less developed areas, are soils suitable for on-site wastewater disposal such as septic systems?

5. Where onsite disposal is necessary, will the state or local health agency issue a permit?

g. Storm Water:

1. Will existing or planned storm water disposal and treatment systems adequately service the proposed development?
2. Will the project overload the design capacity of these facilities?
3. Will the proposed project be adversely affected by proximity to these facilities?

h. Water Supply:

1. Will either the municipal water utility or on-site water supply system be adequate or serve the proposed project?
2. Is the water supply quality safe from a chemical and bacteriological standpoint?

i. Public Safety--Police, Fire, and Emergency Medical:

1. Does the project location provide adequate access to police, fire and emergency medical services? Does the project design provide easy access for emergency vehicles and individuals? Are there obstacles to access, such as one-way roads, narrow bridges, waterways, expressways, and railroads that would prohibit access in an emergency situation? Will the project create such obstacles?
2. Is the quality of the police and fire protection services available to the project adequate to meet project needs?
3. Does the area have a particularly high crime rate? Are there special plans for a security system that has been approved by the police department? Is the architectural configuration of the development such that it is easily patrolled by police from the street?
4. Will the project create a burden on existing facilities in terms of manpower and/or equipment? Can services either be expanded or be provided by the project, such as an in-house security force?

j. Open Space, Recreation, and Cultural Facilities:

1. Are open space, recreational and cultural facilities within reasonable proximity (i.e., walking distance) to the project area? Is adequate public transportation available from the project to these facilities? (Note: small children and elderly persons need such facilities to be in very close proximity to their residences.)
2. Is there an adequate supply of these resources for the users or resident population of the development?
3. Will the CDBG project cause any overloading of existing facilities?
4. Are the special needs of certain population groups able to be satisfied, such as small children or the elderly and handicapped. For example, are there tot lots for very small children, playgrounds for elementary school children, drop-in centers for senior citizens and ball fields for teenagers.
5. If the development is housing, has space for informal play for children of all ages been included on-site? Have areas for passive recreation?

k. Transportation:

1. Will transportation facilities and services be adequate to meet the needs of the project's users? Is off-street parking available and adequate? Is adequate public transportation available?
2. Are there special transportation issues (programs for the elderly and handicapped, bridge clearances for trucks, emergency vehicle access) that have not been adequately provided for?
3. Will the project serve to reduce the mobility of any group?
4. Will the project encourage additional private vehicle trips and increase energy consumption?
5. Will the users of the project be encouraged to use both auto and public transit?
6. Will the project create any safety hazards? For example, have curbs been designed with wheelchair ramps, have pedestrian activated signal lights or pedestrian overpasses been included in plans where needed? Is traffic light timing adequate for elderly pedestrians?
7. Will the project be provided with an adequate level of transportation service? Will it overload enlisting or proposed transportation services or conversely, create a situation whereby facilities are seriously under-used?
8. Have special parking spaces been designated for exclusive use by the handicapped?