AUI Department of Environmental Safety & Security
Wildlife/Archaeological Site Inspection

Inspector Name: **Date:** **Time:**

Location of Proposed Project:

ES&S Wildlife and Archaeological Sites Impact Inspection

Use the Impact Check List whenever ES&S has received an environmental project proposal. References used are from EP-05 NRAO Wildlife & Archeological Sites Policy, and NEPA (National Environmental Policy Act).

Any box marked as YES will require the Environmental Compliance Checklist to be completed. (see document on page 3 - 6).

*** Inspections must be conducted on an project basis**
*** Maintain checklist as documentation of this requirement**

ITEM	YES	NO	Comments
A. **AIR EMISSIONS**			
1. Will the project generate emissions from combustion, dust, greenhouse gases, ozone-depleting substances or chemical gases?			
B. **CHEMICAL USE, STORAGE, AND INVENTORY**			
1. Will the project require the use of lab chemicals, fuel, oil, coolants, cleaners, or solvents?			
C. **SOIL AND GROUNDWATER CONTAMINATION**			
1. Will project activities affect soil and / or groundwater in any way?			
D. **DISCHARGE TO WASTEWATER SYSTEM**			
1. Will the project discharge any material to the sanitary sewer?			
E. **STORMWATER AND WATER CONTAMINATION**			
1. Will material from the project contaminate storm water or be discharged to the storm drain system? 2. Will material from the project discharge into wetlands, floodplains, streams, rivers, lakes or the ocean			
F. **RADIOACTIVE MATERIAL & ENVIRONMENTAL RADIATION & RADIOACTIVITY**			
1. Will any radiological waste be generated by the project? 2. Will any project activities generate and / or release radioactivity?			
G. **CONSTRUCTION, RENOVATION, AND DEMOLITION BY-PRODUCTS**			
1. Will any project activities generate construction debris or soil stockpiles by clearing or excavation, or disturb lead or asbestos-containing materials?			
H. **INDUSTRIAL AND HAZARDOUS WASTE**			
1. Will any unused or spent chemicals, fuel, oils solvents, PCBs, lead, asbestos, or other hazmat require handling as waste?			

ITEM	YES	NO	Comments
I. **BIOHAZARDS**			
1. Will the project use or generate biological materials, such as microorganisms?			
J. **NANOTECHNOLOGY**			
1. Will the project use or generate any nano-substances?			
K. **GEOGRAPHICAL AND ARCHEOLOGICAL RESOURCES DISTURBANCE**			
1. Will any project activities affect historic, cultural or archeological areas or resources?			
2. Will the project affect geological / topographical features?			
L. **INTERACTION WITH WILDLIFE / HABITAT**			
1. Will the project disturb soil in undeveloped areas or disrupt beehives, bird nests, or other wildlife areas?			
2. Will the project impact threatened / endangered species or their habitats, marine mammals, migratory birds, or essential fish habitats?			
3. Will the project significantly contribute to the introduction, continued existence, or spread of noxious weeds or non-native invasive species known to occur in the area, or actions that may promote the introduction, growth, or expansion of the range of such species?			
M. **NOISE**			
1. Will project activities generate noise that would affect personnel or natural structures?			
N. **WATER / SLUDGES FOR DISCHARGE / DISPOSAL**			
1. Will the project involve boring or drilling that would generate >300 gallons of water / sludge that will require disposal or discharge?			
O. **ENVIRONMENTALLY SENSITIVE AREAS**			
1. Will the project be close to a national park, national forest, national wildlife refuge, national marine sanctuary or ecological preserve?			
P. **SOCIOECONOMIC INTERESTS**			
1. Will the project have an impact on local, economy, schools and education, employment, housing and / or the population?			
2. Will the project affect minority or low income populations?			
Q. **NATIVE PEOPLES**			
1. Will the project take place on lands in which Native Americans, Alaskan Natives, or Native Hawaiians have an interest or connection?			
2. Will the project limit access to ceremonial use of Indian sacred sites on Federal lands by Indian religious practitioners or significantly adversely affect the physical integrity of such sacred sites?			
R. **CONTROVERSIAL INTERESTS**			
1. Will project activities have an effect on the quality of the human environment that are likely to be highly controversial?			
2. Will the project have highly controversial environmental effects or involve unresolved conflicts concerning alternative uses of available resources?			

ENVIRONMENTAL COMPLIANCE CHECKLIST

1. ADMINISTRATIVE INFORMATION **Action Number:**

Project Title:			Date:
Lead Department:	Estimated Start Work Date:	Individual Preparing Checklist:	
Project Engineer/Manager:		Phone No.:	
Project Location (Bldg No. /Area.):		Environmental POC:	Safety POC:

2. LOCATION OF PROPOSED ACTION: Describe the location at which the action will take place. Attach maps where appropriate. If applicable, provide the square footage of the area(s) that will be disturbed during construction activities (construction activities include any clearing, grading, excavating, grubbing, stockpiling, and/or filling).

3. WORK SCOPE DESCRIPTION: Describe your proposed action's work scope in detail, providing as much specific information as possible. Also, include all support facilities/activities that would be involved, for example, temporary power provided by a portable generator. Include attachments where appropriate.

4. FOR EACH ITEM CHECKED "YES" ON THE WILDLIFE AND ARCHAEOLOGICAL SITES IMPACT CHECKLIST, DESCRIBE THE CORRESPONDING CONTROLS TO BE IMPLEMENTED TO REDUCE POTENTIAL ENVIRONMENTAL IMPACTS (e.g., spill prevention, erosion controls, air emission controls including dust suppression, selection

of materials, etc.). Provide details of the activities and impacts for each box and the proposed mitigations. Include attachments where appropriate. Use the same letter and number system for your input. Add boxes as needed.

5. DESCRIBE SUSTAINABLE PRACTICES BEING IMPLEMENTED, INCLUDING ENVIRONMENTALLY PREFERABLE PURCHASING (e.g, sustainable buildings, energy, water, and fuel conservation and/or efficiency measures, purchasing of non-toxic or less toxic materials, purchasing of recycled content and biobased products, energy- and water-efficient products, electronics stewardship, etc.)

6. WASTE MINIMIZATION: Describe waste management plans, including (1) recycling of non-hazardous construction and demolition debris, and (2) plans for minimizing the generation of hazardous waste (Class I), designated waste (Class II) or radiological or mixed wastes, both during the project construction period and the project lifecycle.

7. DESCRIPTION OF WASTES AND DISPOSAL METHODS: Describe the type of waste (Radioactive, RCRA, Mixed, etc.); the waste form (solid, liquid, gas, etc.); approximate amount of waste expected to be generated; waste disposal method (offsite disposal, sanitary sewer, etc.).

Waste Type	**Waste Form (Solid, Liquid, Gas, Sludge) (list all that apply)**	**Estimated amount to be generated (specify units of measure)**	**[1]Waste Disposal Method (offsite disposal, sanitary sewer, etc.)**
Radioactive			
Mixed- having both radioactive and hazardous contamination			
Class I (hazardous)- includes chemicals, oils, solvents, and highly contaminated soil, concrete, asphalt, sludge/water, etc.			

[1]

Class II (non-hazardous)- includes moderately contaminated soil, concrete, asphalt, sludge/water, etc.			
Class III (non-regulated)- includes unimpacted soil, concrete, asphalt, sludge/water, etc.			
PCBs-includes ballasts, oil, etc.			
Lead-includes bricks, sheets, etc.			
Asbestos (Friable)			
Asbestos (Non-Friable)			
Mercury (liquid, etc.)			
Treated Wood			
Biohazards, Nanosubstances			
Universal Waste- includes spent lamps, batteries, mercury thermometers/switches			
Non-metal recycling-includes soil, untreated wood, concrete, wallboard, cardboard, green waste, etc.			
Scrap metal recycling			
Other			

8. PROJECT SIGNATURE: This section is to be completed by the Project Manager or individual completing this checklist.

I have reviewed this action and to the best of my knowledge have answered all questions completely to describe the proposed action.

Project Signature: _____ Date: _____

Please note: Any changes or unanticipated events to the project must be documented by updating this form.

9. ENVIRONMENTAL COMPLIANCE:

This section to be completed by the Environmental Point of Contact

I have reviewed the proposed project and, based on the information provided for this project, the following hazard controls should be implemented:

Check	Environmental Compliance Hazard Control Issue	Hazard Control Measure(s) to be Implemented
	Air Permit -New source -Portable equipment -Special conditions	
	Demolition/Renovation or Asbestos Removal -BAAQMD Notification	
	Excavation/Penetration Permit	
	Floodplain/Wetland/Outfall Controls	

	Hazardous Materials -Purchase -Use -Storage -Other alternatives/substitutes	
	NESHAPs (RAD) Controls	
	Spill Prevention	
	Stormwater Controls	
	Waste Management	
	Wetland Permits -JARPA Permit -Corps of Engineers Permit -Other	
	Biologival Assessment	
	Historical Preservation	
	Other	

Environmental POC Signature: _____ Date: _____