



National Aeronautics and
Space Administration
John C. Stennis Space Center
Stennis Space Center, MS 39529-6000

PRELIMINARY ENVIRONMENTAL SURVEY

NASA ONLY
PES #

SECTION I. PROJECT DESCRIPTION

a. Project Title	b. Date of Survey
c. Name of Contact Person	Phone No.
Building No.	
d. Estimated Construction Start Date	Estimated Activation Start Date
e. Description of Project	
f. Location of Proposed Activity <i>(attach site plan if available)</i>	
g. New Construction or Operation <i>(Check one)</i> <input type="checkbox"/> Modification or Expansion <input type="checkbox"/> New Construction <input type="checkbox"/> Replacement	j. Estimated Total Cost of Activity \$ _____ Fund Source _____ Estimated Operating Schedule <i>(for operations not construction)</i> Hours per Day _____ Days per Week _____ Weeks per Year _____
h. Area Required <i>(acres, square feet)</i> _____	k. Anticipated Life of Project Years _____
i. Estimated Number of Employees Construction _____ Permanent _____	

SECTION II. SUSTAINABILITY

<i>Does the project include:</i>	Yes	No	Maybe	Describe
1. Energy conservation measures	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2. Water conservation measures	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3. Construction waste or demolition waste generation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4. Recovery or recycling activity	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
5. Green purchasing requirements	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
6. Landscaping	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
7. LEED Certification	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	



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SECTION III. NATURAL AND CULTURAL RESOURCES

Does this project require:	Yes	No	Maybe	Describe
1. Timber removal (<i>submit form SSC-739</i>)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2. Wetlands mitigation (<i>schedule wetlands delineation</i>)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3. Interference with threatened or endangered species (<i>schedule species survey</i>)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4. Earth moving (<i>schedule cultural and historic resources determination</i>)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
5. Work within or next to the SSC Access Canal or Pearl River	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
6. Work within a floodplain	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
7. Work within ½ mile of the Rouchon House (<i>Building 2425</i>)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
8. Alteration or addition to the Historic Landmark Test Stands (<i>A-1, A-2 or B1/B2</i>)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
9. Work in the buffer zone	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

SECTION IV. AIR EMISSIONS

Will this project cause air emissions from:	Yes	No	Maybe	Describe
1. Rocket engine testing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2. Portable generators (<i>emergency, non-emergency</i>)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3. Permanently installed generators (<i>emergency, non-emergency</i>)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4. Other fuel burning equipment and/or combustion devices (<i>boilers, incinerators</i>)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
5. Storage and/or transfer of fuel (<i>diesel, gasoline, RP-1, etc.</i>)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
6. Transfer or usage of refrigerants (<i>include CFCs and HCFCs</i>)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
7. Painting or coating	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
8. Solvents or other hazardous chemical usage	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
9. Abrasive blasting	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
10. Other _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

SECTION V. WATER USAGE AND WATER WASTE

Will this project require new usage of water from:	Yes	No	Maybe	Describe
1. Potable water sources	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2. Industrial water sources	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3. Canal water	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4. River water (<i>water transportation</i>)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Will this project generate wastewater from:	Yes	No	Maybe	Describe
1. Sanitary water usage	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2. Laboratory sinks	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3. Construction (<i>storm water</i>)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4. Construction of drainage ditches and culverts	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
5. Construction of underground utilities	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
6. Oil water separators	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	



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Will this project generate wastewater from:	Yes	No	Maybe	Describe
7. New processes	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
8. Non-contact or contact cooling water	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
9. Steam cleaning or water blasting	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
10. Incidental release from above ground tanks or fuel transfer	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

SECTION VI. TOXIC AND HAZARDOUS SUBSTANCES

Will the project include or require the:	Yes	No	Maybe	Describe
1. Procurement of toxic or hazardous materials	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2. Storage of toxic or hazardous materials	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3. Removal of lead based paint	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4. Removal of asbestos floor tiles or insulation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
5. Removal of waste propellants or explosives	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
6. Disturbance of PCB containing equipment	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
7. Disturbance of land on or near contaminated soil or groundwater	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
8. Generation of hazardous waste	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
9. Treatment of chemical waste	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
10. Use or disposal of ionizing or non-ionizing radiation sources	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
11. Use or disposal of pesticides or herbicides	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

SECTION VII. OTHER ENVIRONMENTAL ASPECTS OF CONCERN

Will the proposed action:	Yes	No	Maybe	Describe
1. Create noise and/or vibration	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2. Add extensions or cause modification to roads or utility service lines	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3. Require metering for electricity, natural gas and/or water	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4. Use low flow fixtures	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
5. Use Energy Star appliances	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
6. Impact local communities	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Remarks/Additional Information

Printed Name of Person Completing This form

Signature of Person Completing This Form

Telephone No.

Building No.



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INSTRUCTIONS

The National Environmental Policy Act (NEPA) requires NASA to consider the environmental impacts of its actions in decision making processes. This survey is used to document proposed programs or projects and the environmental issues that need to be investigated. Survey submittal will trigger the NEPA process and a determination will be made as to whether the program or project fits into a categorical exclusion or if an environmental assessment or environmental impact statement needs to be prepared. You will receive a Record of Environmental Consideration in response to your submittal that will inform you of actions that must be taken to minimize or mitigate environmental impacts. This survey must be submitted by NASA or NASA contractor personnel responsible for development or implementation of a program or project. A submittal is not required for routine maintenance activities. Other agencies and commercial operations at Stennis Space Center must submit a survey for new construction or new operations that may have an impact on the environment. The survey should be submitted to the NASA Environmental Officer or the NASA NEPA Coordinator as soon as practicable but not later than the 30% program or design review. If the project does not require a design review then submittal should be made as soon as the work is clearly identified. If the scope of a program or project changes during the course of development then an updated survey must be submitted.

For reference on various environmental aspects use SWI-8500-0026-ENV Environmental Resources Document, SPG 8500.2 Environmental Operations and Implementation Program Procedural Requirements and NPR 8820.2F, Facility Project Requirements. Please provide information on positively checked boxes in the Preliminary Environmental Survey to provide clarity. This information should be added in the "Describe" boxes or in the last section under Remarks/Additional Information.