

RECORD OF ENVIRONMENTAL CONSIDERATION

Title: 400 Area Gantry Crane and Rail Demolition

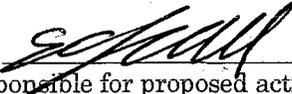
Description of Proposed Action: (Brief description) This project would provide for the removal of WSTF Propulsion 400 Area Gantry Crane and it's rail system.

Anticipated Date and/or Duration of Proposed Action: (Month/year of expected action and duration action will be active.) The project is currently in the design phase. Deconstruction is expected to start in June 2007 and continue through August 2007.

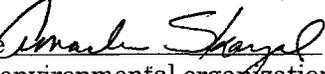
Part I: National Environmental Policy Act requirements; It has been determined that the following action is required (refer to NEPA Actions Decision Tree on page 2):

- No further action is required (provide justification in Block 11)
 An Environmental Assessment is required
 An Environmental Impact Statement is required

Part II: WSTF Environmental Management System requirements; The EMS Administrator has determined that an Aspect/Impact Analysis is is not required (give brief explanation below if analysis is *not* required). Are any existing Environmental Management Programs impacted by the proposed action? (provide discussion in Block 9). *Aspect/impact analysis not required since no minor, moderate or major adverse environmental impacts were identified.*

Proponent  Date 02-15-07
 (Office responsible for proposed action)

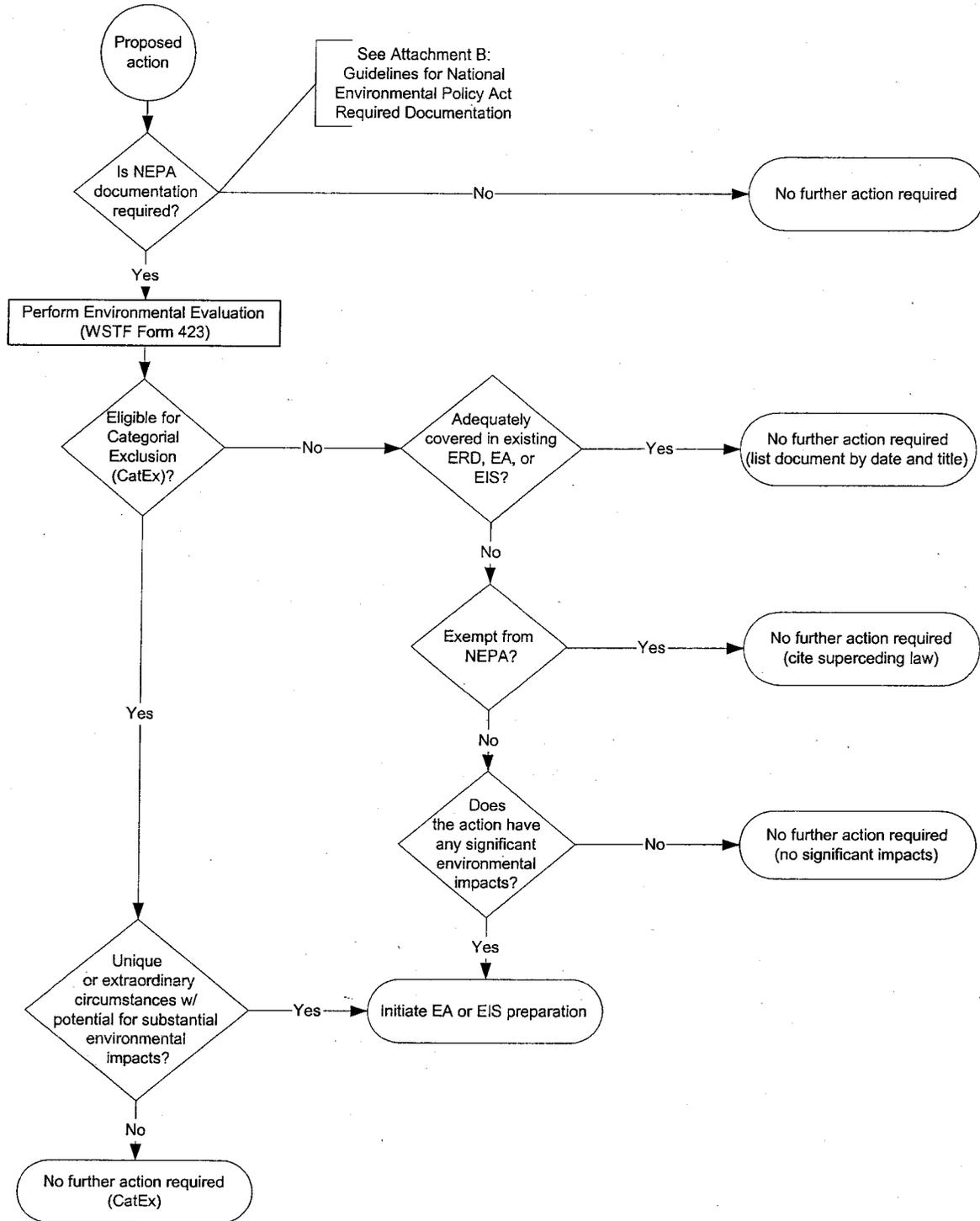
EDWARD BAGWELL

Concurrence  Date 2/15/07
 (Contractor environmental organization)

Amanda Skarsgard

Approval  Date 2-16-07
 (NASA Environmental Program Manager)

Record of Environmental Consideration NEPA Actions Decision Tree



NOTE: NPG 8840, *Procedures and Guidelines for Implementing the National Environmental Policy Act (NEPA) and Executive Order 12114*, provides guidance for Categorical Exclusion determination. Consult with the contractor Environmental Department for assistance.

ENVIRONMENTAL CONSIDERATIONS

(completed jointly by product/process owner and the contractor Environmental Department)

- | | | |
|--|-----|----|
| 1. Does proposal conform with WSTF's Master Plan or ERD? | Yes | No |
| 2. Would the proposed project alter land use on WSTF? | Yes | No |
3. Describe project activities that could possibly affect air, land, water, or natural (biota, historical, archaeological, and cultural) resources on WSTF (e.g., clearing, digging, etc.). These actions are to be coordinated with the site contractor environmental organization. Not applicable.
4. Prior use and condition of the property and/or equipment involved: The crane has been inactive for several years.
5. Proposed use of the property, equipment, and/or completed project: The project would remove the crane and provide a camera stand for equipment still in use.
6. Areas of potential environmental impact during **implementation** (e.g., construction phase, equipment placement phase, etc.) of proposed action. 1 = improvement, 2 = no change, 3 = minor adverse impact, 4 = moderate adverse impact, or 5 = major adverse impact

Air/Land/Water/Waste:

- | | | | | | |
|---|---|---|---|---|---|
| a. Potential to cause air pollution. | 1 | 2 | 3 | 4 | 5 |
| b. Potential to cause water pollution or degrade water quality. | 1 | 2 | 3 | 4 | 5 |
| c. Potential to cause soil contamination. | 1 | 2 | 3 | 4 | 5 |
| d. Potential to generate hazardous waste. | 1 | 2 | 3 | 4 | 5 |
| e. Potential to generate solid waste. | 1 | 2 | 3 | 4 | 5 |

Natural Resources:

- | | | | | | |
|---|---|---|---|---|---|
| f. Potential to impact protected species or their habitat | 1 | 2 | 3 | 4 | 5 |
| g. Potential to affect cultural resources that are either on or eligible for the National Register, or unstudied. | 1 | 2 | 3 | 4 | 5 |
| h. Potential effects upon labor force. | 1 | 2 | 3 | 4 | 5 |
| i. Potential to impact upon recreational areas and/or prime farmland. | 1 | 2 | 3 | 4 | 5 |
| j. Potential to affect electricity demand. | 1 | 2 | 3 | 4 | 5 |
| k. Potential to affect water demand. | 1 | 2 | 3 | 4 | 5 |
| l. Potential to affect fossil fuel demand. | 1 | 2 | 3 | 4 | 5 |

Concerns of Interested Parties:

- | | | |
|---|-----|----|
| m. Potential involvement with contaminated areas and/or material. | Yes | No |
| n. Potential environmental controversy involved with project: | | |
| (1) Local | Yes | No |
| (2) National | Yes | No |

Legal and Other Requirements:

o. Any Federal, State, or local law/regulations designed to protect the environment not already identified for WSTF apply? List.

Yes

No

7. Areas of potential environmental impact during operational phase of proposed action. 1 = improvement, 2 = no change, 3 = minor adverse impact, 4 = moderate adverse impact, 5 = major adverse impact

Air/Land/Water/Waste:

a. Potential to cause air pollution.	1	2	3	4	5
b. Potential to cause water pollution or degrade water quality.	1	2	3	4	5
c. Potential to cause soil contamination.	1	2	3	4	5
d. Potential to generate hazardous waste.	1	2	3	4	5
e. Potential to generate solid waste.	1	2	3	4	5

Natural Resources:

f. Potential to impact protected species or their habitat	1	2	3	4	5
g. Potential to affect cultural resources that are either on or eligible for the National Register, or unstudied.	1	2	3	4	5
h. Potential effects upon labor force.	1	2	3	4	5
i. Potential to impact upon recreational areas and/or prime farmland.	1	2	3	4	5
j. Potential to affect electricity demand.	1	2	3	4	5
k. Potential to affect water demand.	1	2	3	4	5
l. Potential to affect fossil fuel demand.	1	2	3	4	5

Concerns of Interested Parties:

m. Potential involvement with contaminated areas and/or material.

Yes

No

n. Potential environmental controversy involved with project:

(1) Local

Yes

No

(2) National

Yes

No

Legal and Other Requirements:

o. Any Federal, State, or local law/regulations designed to protect the environment not already identified for WSTF apply? List.

Yes

No

8. Areas of potential environmental impact during proposed action shutdown, equipment/material decommissioning or disposal. 1 = improvement, 2 = no change, 3 = minor adverse impact, 4 = moderate adverse impact, 5 = major adverse impact

Air/Land/Water/Waste:

a. Potential to cause air pollution.	1	2	3	4	5
b. Potential to cause water pollution or degrade water quality.	1	2	3	4	5
c. Potential to cause soil contamination.	1	2	3	4	5
d. Potential to generate hazardous waste.	1	2	3	4	5
e. Potential to generate solid waste.	1	2	3	4	5

Natural Resources:

f. Potential to impact protected species or their habitat	1	2	3	4	5
g. Potential to affect cultural resources that are either on or eligible for the National Register, or unstudied.	1	2	3	4	5
h. Potential effects upon labor force.	1	2	3	4	5
i. Potential to impact upon recreational areas and/or prime farmland.	1	2	3	4	5
j. Potential to affect electricity demand.	1	2	3	4	5
k. Potential to affect water demand.	1	2	3	4	5
l. Potential to affect fossil fuel demand.	1	2	3	4	5

Concerns of Interested Parties:

m. Potential involvement with contaminated areas and/or material.	Yes	No
n. Potential environmental controversy involved with project:		
(1) Local	Yes	No
(2) National	Yes	No

Legal and Other Requirements:

o. Any Federal, State, or local law/regulations designed to protect the environment not already identified for WSTF apply? List.	Yes	No
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9. Does the new or changed project/process affect any established EMS objectives, targets, Environmental Management Programs? No, the crane removal does not significantly affect the EMS objectives of groundwater remediation and sustainability.

10. Planned mitigation of adverse impact: Not applicable.

11. Explanation of environmental consideration decision: The project would involve the following actions:

- Procure the services of an off-site contractor to perform the dismantling and removal of the crane and supporting system.
- WSTF Personnel would perform the crane rail removal.
- Disconnect of the portable electrical power supply cable.
- Identify location and provide cost estimate to install a new pre-engineered metal frame camera tower for relocation of existing surveillance camera from the crane.
- Provide for lighting protection for the new camera tower.

Lead has been identified in the gantry crane paint. Extra care and OSHA guidelines must be used by the off-site contractor with the removal of the crane. Other hazardous materials (possibly PCB) may also be in the paint. The paint must be properly disposed by the off-site contractor. Otherwise there are no known adverse impacts for this project. The metal from the crane would be sent off-site for salvage, and/or stored in the 150 yard for salvage. The new camera tower would be in an existing test area. This does not affect the air permit because the process does not emit any State or Federally regulated air pollutants. There should be no adverse impacts to cultural, biotic, or land resources in the area since the new tower and lightning protection would be placed in an area where there is existing human activity. There would be some noise generated, but not enough to disturb human and wildlife activity. The project would have no impact on the local work force.

12. If any adverse environmental impacts affecting air, land, water, or natural resources are discovered during any phase of the project, work will immediately cease and the contractor Environmental Department will be notified for consultation on how to proceed.