

Avoid Verbal Orders

TO: TA-E/Jim Ball and SGS-034/C. Brown

DATE: 2/12/2008

FROM: TA-C3/Lead, NEPA Compliance

SUBJECT: KSC Record of Environmental Consideration (REC)

1. PROJECT INFORMATION

Project Title: USCG Laser Test Project

Project Lead: Jim Ball/Derek Vaughn, TA-E/SGS-6070, 867-29

Directorate Project No.: TA-03-08/WON
10518348

EPO Reviewer: LPH

Facility No.: L7-2242@FIM-7/M6-

2. NEPA DETERMINATIONS

- a. **Categorical Exclusion per 14 CFR Part 1216.305(d)**
- b. **Environmental Assessment (EA) Required per KNPR 8500.1**
- c. **Environmental Impact Statement (EIS) Required per KNPR 8500.1**
- d. **Project on CCAFS:**

3. ENVIRONMENTAL REQUIREMENTS

- a. **Non-Permit Requirements** **YES** **NO**
- b. **Permit Requirements** **YES** **NO**

*****ORIGINAL REC ISSUED 2/6/2008*****

*****UPDATED REC 2/12/2008 to include oil-filled equipment, SGS contact and project info*****

3.a.1. **VEGETATION CLEARING:** A Biological Survey was performed to identify additional plants that may be impacted during clearing of the Brazilian Pepper trees. Mangroves were observed on the shoreline in the project areas, at the M6-1098 and L7-2242 sites. Prior to any clearing or trimming, contact the Environmental Program Branch (John Shaffer, TA-C3, 867-8448) to set up a site visit to identify the exact location of the proposed clearing and determine the best method to accomplish it. If the mangroves need to be trimmed, they must be hand cut by or in the presence of a "Professional Mangrove Trimmer" as outlined in Section 403.9329 of the Florida Statutes. Due to the sensitivity (Outstanding Florida Waters) of the area in question, every precaution must be made to reduce disturbance and limit any discharge to the OFW.

3.a.2. **CONCRETE WASHOUT:** Water used to rinse out concrete trucks and other equipment used for concrete work must not be allowed to discharge to surface waters. Concrete washout water shall be diverted to a settling pond where suspended material will settle out and the water can percolate into the ground. Concrete residue shall then be removed and disposed of at the KSC Landfill. Call Doug Durham (TA-C3, 867-8429) with any questions on this requirement.

3.a.3. **EROSION AND SEDIMENT CONTROL BEST MANAGEMENT PRACTICES (BMPs):** Due to the sensitivity of the surrounding environment, all practical precautions must be taken to eliminate the possibility of a release of material or waste to the Banana River, Outstanding Florida Waters. This can be accomplished by initiating a proactive erosion control BMP. Installation and maintenance of turbidity screens (silt fences) and/or floating turbidity booms must be completed prior to any initial land disturbance, and the screens must be maintained so they remain functional until such time that the newly exposed soils are stabilized with sod or natural vegetation.

3.a.4. **OIL-FILLED EQUIPMENT:** The use of any oil-filled equipment requires that measures be taken to prevent and contain spills and leaks of oil, including diversion and containment. This is especially critical due to the project's proximity to Outstanding Florida Waters.

3.b.1. **EXCAVATION PERMIT:** A KSC Excavation Permit will be required for any digging proposed by this project. Please contact Mission Support at 861-4453 for an underground utility scan.

No other environmental issues were identified based upon the information provided in the KSC Checklist. This Record of Environmental Consideration (REC) does not relinquish the project lead from obtaining and complying with any other internal NASA permits or directives necessary to ensure all organizations potentially impacted by this project are notified

Avoid Verbal Orders

TO: TA-E/Jim Ball and SGS-034/C. Brown

DATE: 2/12/2008

FROM: TA-C3/Lead, NEPA Compliance

SUBJECT: KSC Record of Environmental Consideration (REC)

and concur with the proposed project.

Due to potential changes in regulations, permit requirements and environmental conditions, statements in this REC are valid for 6 months, and subject to review after this period. It is the responsibility of the project lead to notify EPB if the scope of the project (including the design) has changed since the original checklist was submitted.

cc: J. Ball/TA-E
C. Brown/SGS-034
D. Grochowalski/CHS-022
M. Sheppard/CHS-022
D. Vaughn/SGS-6070

***** Approved 2/6/2008 1:06:14 PM, Manguikian, Kim *****

***** Deapproved 2/12/2008 10:32:44 AM, LPH *****

- 4 Upon evaluation of the subject project, the above determinations have been made and identified. Contact the Environmental Program Office (TA-C3) at 867-8456 for re-evaluation should there be any modifications to the scope of work.**

2/12/2008 3:38:48 PM

Mario Busacca

Date
