December 2005

Camp Shelby, MS 39407
Camp Shelby Field Office
The Nature Conservancy
By

Jackson, MS 39296
P.O. Box 5027
Mississippi Army National Guard
Prepared for the

Faculty on Camp Shelby Training Site, Mississippi
Proposed Construction of a Wastewater Treatment of a Biological Assessment
2.2.1 Influential Pump Station

The proposed new WWTP would consist of three major components: (1) influent pump, (2) wastewater treatment plant design, and (3) effluent collection system. A description of the project components is presented below.

In addition to reducing the installation's wastewater discharge flow from 10 MGD to 1 MGD, the discharge point would be moved from its present location on an unnamed tributary to the Weldy Creek watershed.

The Weldy Creek watershed is being addressed in prior NEPA documents. Therefore, the existing collection system under the installation's Operations and Maintenance Program plan to replace the existing 10 MGD activated sludge WWTP with the Weldy Creek Watershed Treatment Plant Design (Figure 1). A description of the project components is presented below.

To improve the treatment of the installation's wastewater and to reduce the level of waste

2.1 Background

2.0 DESCRIPTION OF THE PROPOSED ACTION

The project's main purpose is to improve the quality of the wastewater treatment plant design, and to replace the existing 10 MGD activated sludge WWTP with the Weldy Creek Watershed Treatment Plant Design (Figure 1). A description of the project components is presented below.

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To improve the treatment of the installation's wastewater and to reduce the level of waste production, the effluent will be better complied with the discharge limits for pollutants such as fecal coliforms and suspended solids.
Currently the proposed construction site is on a mix of pine hardwood stands, grassy ridgetop areas, open cleared areas, and roads. The forested areas would be cleared in accordance with established regulations.
Proposed area for a new wastewater treatment facility on the Camp Shelby Training Site

Table 1: Results of 22 November 2003 gopher tortoise burrow survey in the

<table>
<thead>
<tr>
<th>Burrow #</th>
<th>Activity Status</th>
<th>Age</th>
<th>Occupancy</th>
</tr>
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<tr>
<td>R2348</td>
<td>active adult</td>
<td>8</td>
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<tr>
<td>E2325</td>
<td>active adult</td>
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<td>8</td>
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</tr>
<tr>
<td>R2349</td>
<td>inactive adult</td>
<td>3</td>
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</tr>
</tbody>
</table>

Survey Methodology and Results

4.1 Previous Survey Results

and relatively open areas but his presence on the CTS has not been confirmed.

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Biological Assessment WMAQ December 2005
Treatment Facility at the Camp Shelby Training Site, Mississippi

Figure II. Survey areas around the proposed action area construction box for the wastewater

Legend

- Good Buffer
- Old
- Intensive
- Active

STATUS

GoRer Toriiie Phopew
- Drainage
- Discretionary Drain and Ditch
- Construction Site

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Biosolids Assessment WWTP - December 2005
The proposed modification is a forested area adjacent to a power line on the western side of Dogwood Lake in the northwestern portion of the CSSI Continental Area (Figure III). The forested area received a 100% cut in 1996-1997, which removed most of the overstory and understory vegetation. If 100% removal of the overstory does not occur before three years after the initial cut, it will be repeated. A proposed removal of the understory is necessary to maintain the forest's natural diversity and structure. All forested areas will be monitored for 100% removal of the overstory and understory vegetation. If the forested area is not 100% removed within one year of the initial cut, the area will be re-planted with 100% understory removal. This will be repeated as necessary until the area is 100% removed of vegetation.
at the Camp Shelby Training Site, Mississippi.

Figure III. Proposed relocation site for gopher tortoises from the Wastewater Treatment Facility.
National Forests in Mississippi


Heise, C. D. and D. M. Everson. 2002. Site fidelity and home range of relocated Gopher Tortoise (Gopherus polyphekadion) in Florida.


Thesiis, Orlando, Florida, University of Central Florida.

Camp Shelby Field Office

Biologica Assessment WETT. December, 2005
There are no adverse effects on cultural resources or environmental justice.

The proposed action (construction and operation of a Camp Shelby Training Site, Mississippi Waste Water Treatment Facility) is found to have no significant environmental impacts as per the proposed action analysis. This analysis is based on the analysis conducted in the EA and the assessment herein. The proposed action (construction and operation of a Camp Shelby Training Site, Mississippi Waste Water Treatment Facility) is found to have no significant impacts as per the proposed action analysis. This analysis is based on the analysis conducted in the EA and the assessment herein. The proposed action (construction and operation of a Camp Shelby Training Site, Mississippi Waste Water Treatment Facility) is found to have no significant impacts as per the proposed action analysis. This analysis is based on the analysis conducted in the EA and the assessment herein. The proposed action (construction and operation of a Camp Shelby Training Site, Mississippi Waste Water Treatment Facility) is found to have no significant impacts as per the proposed action analysis. This analysis is based on the analysis conducted in the EA and the assessment herein. The proposed action (construction and operation of a Camp Shelby Training Site, Mississippi Waste Water Treatment Facility) is found to have no significant impacts as per the proposed action analysis. This analysis is based on the analysis conducted in the EA and the assessment herein. The proposed action (construction and operation of a Camp Shelby Training Site, Mississippi Waste Water Treatment Facility) is found to have no significant impacts as per the proposed action analysis. This analysis is based on the analysis conducted in the EA and the assessment herein. The proposed action (construction and operation of a Camp Shelby Training Site, Mississippi Waste Water Treatment Facility) is found to have no significant impacts as per the proposed action analysis. This analysis is based on the analysis conducted in the EA and the assessment herein. The proposed action (construction and operation of a Camp Shelby Training Site, Mississippi Waste Water Treatment Facility) is found to have no significant impacts as per the proposed action analysis. This analysis is based on the analysis conducted in the EA and the assessment herein. The proposed action (construction and operation of a Camp Shelby Training Site, Mississippi Waste Water Treatment Facility) is found to have no significant impacts as per the proposed action analysis. This analysis is based on the analysis conducted in the EA and the assessment herein.
3. Mitigation
No mitigation measures will be necessary to reduce any adverse environmental impacts to less than significant levels.

4. Regulations
The Proposed Action would not violate NEPA, its regulations promulgated by the CEQ, Environmental Analysis of Army Actions, or any other Federal, State, or local regulations.

5. Commitment to Implementation
The National Guard Bureau (NGB) and MSARNG affirm their commitment to implement this EA in accordance with NEPA. Implementation is dependent on funding. The MSARNG and the NGB’s Environmental Programs, Training, and Installations Divisions will ensure that adequate funds are requested in future years’ budgets to achieve the goals and objectives set forth in this EA.

6. Public Review and Comment
The final EA and draft Finding of No Significant Impact (FONSI) were made available for public review and comment from August 19 to September 2, 2005 and the draft EA was made available for public review and comment from June 10 to June 24, 2005. All the comments received will be considered.

7. Final Finding of No Significant Impact
After careful review of the EA, I have concluded that implementation of the Proposed Action would not generate significant controversy or have a significant impact on the quality of the human or natural environment. This analysis fulfills the requirements of NEPA and the CEQ Regulations. An Environmental Impact Statement will not be prepared, and the National Guard Bureau is issuing this Finding of No Significant Impact.

Gerald J. Walter
Colonel, US Army
Chief, Environmental Programs Division

6 September, 2005
Date
Dear Mr. James,

Jackson, MS 39213
6678 Dogwood View Parkway, Suite A

军人事务局，密西西比州

US. Forest and Wildlife Service

JFH-QF-AP

December 22, 2006

Jackson, Mississippi 39268-0077
Post Office Box 2007
The Adjutant General's Office
Mississippi National Guard

DEPARTMENTS OF THE ARMY AND AIR FORCE

Enclosure

Director, Environmental Programs
National Guard
Executive Officer, Mississippi Army
Pegram A. Plaza

Sincerely,

[Signature]

The Mississippi Military Department requests formal consultation for this action.

The proposed location is closer to the containment area than described in the previous EA. The evolving site, however, may affect up to 12 buildings and four gopher tortoise burrows. The proposed biological assessment area is closer to the containment area than described in the previous EA. The U.S. Forest Service is concerned about adverse impacts to the endangered Gulf Slippery and Interior Red-barred Plant. The new facility will be located next to the existing site, which is located within the new facility's boundary. The Mississippi Military Department is preparing a supplementary environmental assessment (SEA) for the new facility, which is located within the new facility's boundary.

[Signature]

December 22, 2006