

## Appendix B

### General Mitigation Measures and Best Management Practices for Sustainable Construction Operations

- The NPS project manager is responsible for ensuring that the project remains within the construction limits and parameters established in the compliance documents and that mitigation measures are properly implemented.
- Staging and stockpiling areas will be located in recently disturbed sites, away from visitor use "areas to the extent possible, and returned to pre-construction conditions following construction.
- All protection measures would be clearly stated in the construction specifications/special construction requirements, and workers would be instructed to avoid conducting activities beyond the construction limits as defined by the construction fencing or similar material. This could include necessary temporary structures such as erosion control fencing.
- All tools, equipment, barricades, signs, surplus materials, and rubbish would be removed from NPS property upon project completion. Any road and off-road surfaces damaged due to work on the project would be repaired to original condition as much as is feasible. All demolition debris would be removed from the project site, including all visible concrete and metal pieces.
- Contractors would be required to properly maintain construction equipment (i.e., mufflers) to minimize noise from use of the equipment.
- A hazardous spill plan would be in place, stating what actions would be taken in the case of a spill, notification measures, and preventive measures to be implemented, such as the placement of storage and handling of hazardous materials, etc.
- Where appropriate and available "environmentally friendly" grease, hydraulic oil, and bar and chain oil would be used. These lubricants are vegetable, or mineral oil based, less toxic, and biodegradable.
- All equipment on the project would be maintained in a clean and well-functioning state to avoid or minimize contamination from automotive fluids. All equipment would be checked daily.
- Best management practices for drainage and sediment control, as identified in the contractor's Stormwater Pollution Prevention Plan, would be implemented to prevent or reduce non-point source pollution and minimize soil loss and sedimentation in drainage areas. Use of Best Management Practices in the project area for drainage area protection would include all or some of the following actions, depending on site-specific requirements:
  - keeping disturbed areas as small as practical to minimize exposed soil and the potential for erosion;
  - locating waste and excess excavated materials outside of drainages to avoid sedimentation;
  - installing silt fences, temporary earthen berms, temporary water bars, sediment traps, stone check dams, or other equivalent measures (including installing erosion-control measures around the perimeter of stockpiled fill material) prior to construction;
  - conducting regular site inspections during the construction period to ensure that erosion-control measures were properly installed and are functioning effectively; and
  - storing, using, and disposing of chemicals, fuels, and other toxic materials in a proper manner

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As the nation's principal conservation agency, the Department of the Interior has the responsibility for most of our nationally owned public lands and natural resources. This includes fostering sound use of our land and water resources; protecting our fish, wildlife, and biological diversity; preserving the environmental and cultural values of our national parks and historic places; and providing for the enjoyment of life through outdoor recreation. The department assesses our energy and mineral resources and works to ensure that their development is in the best interests of all our people by encouraging stewardship and citizen participation in their care. The department also has a major responsibility for American Indian reservation communities and for people who live in island territories under U.S. Administration.

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