

ACCIDENT PREVENTION PLAN

Submitted By: _____

Purchase Order No.: DACW27-_____

1. Purpose.

a. To state specific safety and occupational health related actions planned by the Contractor and his employees during the performance of services under Department of the Army Purchase Order No. DACW27-_____ at _____.

b. The stated actions which make up this plan are intended to promote a safe and healthful environment for contractor personnel, Government employees at the project, and visiting members of the public.

c. This Accident Prevention plan is also being prepared and submitted to fulfil the requirements of the Purchase Order, and to comply with the requirements of the Corps of Engineers' Safety and Health Requirements Manual (EM 385-1-1).

2. Contractor's Safety and Health Policy Statement. It shall be our policy to:

a. Provide employees with a safe and healthful work environment, free from recognized hazards.

b. Minimize hazards and risks that could lead to personal suffering, and loss of life or property.

c. Provide employees with the training, personal protective apparel and other safety equipment necessary for them to perform Purchase Order work in a safe and healthful manner.

d. Provide sufficient supervision of work in progress to detect unsafe work practices, and to immediately correct unsafe practices whenever they are detected.

e. Implement an equipment inspection program that will detect unsafe equipment in a timely manner, and immediately take out of service, repair or replace any equipment which found unsafe for employee use.

f. Perform work in a manner that does not expose employees, visitors, and others to hazards.

g. Enforce safety and health requirements, and promote a safety conscience attitude in employees.

h. To comply with components of this plan, attached Activity Hazard Analyses, and the requirements of the Corps of Engineers' Safety and Health Requirements Manual (EM 385-1-1).

3. Responsibility. The Contractor assumes responsibility for initiating and maintaining a safety and health program which will comply with the Corps of Engineers' safety and health requirements as detailed in the Safety and Health Requirements Manual (EM 385-1-1).

4. Planned Safety and Occupational Health Actions. The following actions are planned during the period the Purchase Order is in effect in an effort to minimize safety and health hazards, and prevent the occurrence of avoidable accidents or injuries during the performance of contracted services at _____.

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a. Contractor Employees (General):

(1) Indoctrinations. All new employees will be provided with an initial Safety Indoctrination to include: safety and occupational health requirements and practices; reporting of accidents; instructions for obtaining first aid and medical treatment; responsibilities for reporting and correcting safety and health deficiencies; and responsibility for accident-free operations. Employees will also be provided with instructions for reporting/correcting unsafe conditions, job hazards and the means to control/eliminate those hazards, including review/development of activity hazard analyses.

(2) Employee Training.

(a) Job/Equipment Training. The Contractor or an experienced Contractor employee (with applicable skills or knowledge), shall provide new employees with training or instructions to enable them to conduct their work safely. Contractor employees will also be provided with additional instructions when work assignments are new to them, and hazards may be encountered during the performance of their work. This training shall include, but is not limited to the following:

- Training in the safe use of Contractor equipment to be used during the performance of Purchase Order work.
- Employees involved in material handling will be trained to use proper lifting techniques.
- Employees exposed to hazardous materials will receive training in Hazardous Materials Communications and the use of Material Safety Data Sheets.
- Herbicide applicators will be trained in the safe use and application of herbicides and be licensed by the State to apply herbicides.
- Proper use of personal protective apparel and other safety equipment.

(b) First Aid/CPR Training. When a medical facility or physician is not accessible within five minutes of an injury to a group of two or more employees for treatment of injuries, at least two employees on each shift shall be qualified to administer first aid and CPR. Individuals who are required to work alone in remote areas shall be trained in first aid. The Contractor shall arrange to have employees trained and qualified to administer first aid and CPR. Employees shall hold current certification (not more than three years from date of issue) in first aid training from the American Red Cross or an equivalent certification of first aid training. These employees will also hold current CPR certification.

(3) Safety Meetings. At least one Safety Meeting shall be conducted weekly by the Contractor or an employee he designates. In addition, monthly Supervisory Safety Meetings will be held if two or more supervisory positions are established and filled during the period the Purchase Order is in effect. The weekly meetings shall consist of specific discussions about the safe performance of planned work, seasonal safety topics, general job hazards, protective equipment and other job specific safety or occupational health related subjects. The safety meetings shall also include reviews of past activities, plans for new or changed operations, reviews of the pertinent aspects of appropriate activity hazard analyses (by trade), establishment of safe working procedures for anticipated hazards and provide pertinent safety and health training and motivation.

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An outlined report of each safety meeting; giving date, time, attendance, subjects discussed, and who conducted the meeting, shall be maintained, and copies furnished to the designated authority on request.

(4) Activity Hazard Analyses. Work will not proceed until the Activity Hazard Analysis (AHA) has been accepted by the designated authority and discussed with all personnel engaged in the activity, including the Government's on-site representative. AHAs have been developed for all anticipated activities and operations occurring in each major phase of work to be performed under the Purchase Order. The AHAs are attached to this Accident Prevention Plan and submitted for acceptance. SEE APPENDIX A. The AHAs shall be discussed with employees during indoctrinations, and copies of the AHAs will also be given to the employees. These analyses will be reviewed periodically by the employees and the Contractor to determine their adequacy, and to serve a reminder of the established actions to minimize recognized hazards. Any unanticipated activity, for which an AHA has not been developed and attached hereto, will be developed. These supplemental AHAs will be submitted to the designated authority for acceptance and discussed with all engaged in the activity (including the Government's on-site representative) before the work is performed.

(5) Inspections of Work In Progress. The Contractor or a designated employee with knowledge of the safe working practices will make periodic inspections of work in progress. One of the main purposes of the inspections will be to correct any unsafe or questionable conditions, procedures, or acts.

(6) Developing A Safety Conscience Attitude. The Contractor will make an effort to promote a hazard awareness attitude in Contractor employees, and stress the importance of reporting and correcting/minimizing recognized hazards. The use of protective equipment and apparel will be enforced (whenever the nature of the job necessitates such protective equipment and/or apparel). The Contractor will promptly correct unsafe work practices noted during inspections. Repeated safety violations by an employee will not be tolerated.

(7) Material Safety Data Sheets (MSDS). MSDS will be acquired and maintained for any hazardous materials used during the period the Purchase Order is in effect. MSDS will be made available to all employees occupationally exposed to the hazardous or toxic chemicals/materials during the performance of the contracted services. Employees will receive training in the use of these MSDS. Refresher training will be held annually during a regular safety meeting.

(8) Alcohol/Drug Use. The Contractor will not permit nor tolerate alcohol intoxication nor drug abuse by his employees while performing services under the Purchase Order.

(9) Weather Extremes. The Contractor will take reasonable precautions to prevent injuries to Contractor personnel during extreme hot and cold weather. Contractor personnel will be provided with drinking water, and offered ample opportunities for rest during hot weather. Whenever possible, work schedules will be altered to allow Contractor personnel to work early in the day or late in the afternoon to prevent work from being performed during periods of peak afternoon temperatures. During cold weather, employees will be instructed to dress warmly, and given ample opportunity to warm themselves in Contractor vehicles equipped with heaters. No outside work will be permitted during electrical storms.

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b. Contractor Vehicle and Equipment Operation/Use:

(1) Vehicle Operation Requirements. No Contractor employee will be allowed to operate a vehicle in the performance his or her work without a valid state driver's license. Vehicle operators will be instructed to operate contractor vehicles in accordance with pertinent laws and regulations, and safe-driving practices will be discussed periodically during regular safety meetings.

(2) Seat Belts. Safety/seat belts will be worn at all times by the operators and passengers of motor vehicles used in the performance of contracted services. The vehicle operators will be informed of their responsibility for assuring all passengers are using seat belts. The Contractor will continue to remind operators of their responsibilities with regard to seat belts, and enforce their use. All motor vehicles used in conjunction with the performance of contracted services shall be equipped with safety/seat belts in proper operating order.

(3) Motor Vehicle Condition and Safety Equipment. Employees will be instructed to inspect Contractor vehicles before use, and promptly report any Contractor motor vehicles in need of repair. The Contractor will take unsafe vehicles out of service until they have been repaired. Each motor vehicle will be equipped with a first aid kit and fire extinguisher. In addition, each vehicle will contain an information sheet with emergency telephone numbers, for ambulance, physician, hospital, fire, police, and Contractor's home), locations of medical facilities, procedures for accidents and injuries, and accident and injury notification/reporting instructions.

(4) Rollover Protective Equipment. All riding-type mower equipment used during the performance of Purchase Order work shall be equipped with rollover protective equipment. The rollover protective equipment shall conform to the requirements of EM 385-1-1, and shall be certified as required in EM 385-1-1. The use of seat belts on riding-type mower equipment shall be required and their use enforced by the Contractor.

(5) Equipment Operation. Employees will be trained prior to being allowed to operate equipment associated with the contracted work. Safety equipment required by EM 385-1-1 shall be installed on all Contractor equipment. Contractor personnel will also be required to utilize any safety equipment or safety apparel necessary to perform their equipment operation work safely. Equipment and equipment trailers shall be inspected before use. If the inspections reveal problems, the equipment or trailers will be taken out of service until they have been repaired, and are safe to operate/use. Contractor personnel will not be allowed to attempt repairs on motorized equipment whenever the equipment is running. Equipment safety guards shall not be removed, altered or disabled prior to, or during equipment operation. Equipment fuel storage containers shall conform to the requirements of EM 385-1-1. Equipment will be shut off prior to refueling. The operation of equipment on roadways shall be in accordance with applicable laws and regulations. Appropriate warning flashers or signaling devices necessary for safe and lawful equipment operation will be required, and their use enforced.

(6) Emergency Telephone Numbers. Emergency telephone numbers and reporting instructions for ambulance, physician, hospital, fire and police shall be provided to each worker and placed in all vehicles used in conjunction with the services provided under the contract.

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(6) Use/Maintenance/Repair of Equipment. The use, maintenance and repair of any machinery or mechanized equipment shall be in accordance with the pertinent requirements of Section 16, EM 385-1-1. Before any employee performs servicing or maintenance on a system where the unexpected energizing, startup or release of kinetic or stored energy could occur and cause injury or damage, the system shall be isolated in accordance with Section 12 of EM 385-1-1. Personnel and resources shall not be considered protected until hazardous energy control (lockout/tagout) procedures have been implemented. Training in hazardous energy control procedures will be provided to Contractor personnel.

c. Accident/Injury Reporting & Investigation: The Contractor will promptly report all accidents and injuries that occurred during the performance of Purchase Order work. The report will be given to the _____ as soon as possible following the occurrence of the accident. If the _____ is absent, the Contractor will give the accident or injury report to any other designated Corps of Engineers' employee at _____. The Contractor will investigate all accidents or injuries (with Corps of Engineers representatives present, if requested). If the investigation reveals an unsafe act, procedure or condition caused the accident or injury, the Contractor shall take immediate action to see that the unsafe act, procedure or condition is corrected or not repeated. Follow up reports (written or verbal) will be provided to the _____ on request.

d. Protection of Others: All Contractor personnel will be advised to take special precautions when performing contracted services in the vicinity of other workers, the visiting public and Government employees. Whenever Purchase Order work endangers other persons in the vicinity, contractor personnel shall either delay the work until the persons have left the area, or ask that a Government employee clear the area until such time as the work is completed.

e. Safety Inspections By Government Employees: The Contractor acknowledges that designated Government employees at _____ may stop work being performed by Contractor personnel whenever there is an unsafe work practice underway or an unsafe condition is detected. Contractor personnel will be advised of this right, and work will cease until the act or condition is corrected to the Government's satisfaction.

f. Maintenance & Housekeeping: Contractor personnel will maintain tools and equipment in proper working order. Tools and equipment will be used for their intended purposes. Work areas, vehicles, and equipment cabs will be kept clean and orderly.

g. Safety Guards: No guards, safety appliance, or device shall be removed from machinery or equipment, nor made ineffective except for making immediate repairs, lubrications, or adjustments, and then only after power has been shut off.

h. Fire Extinguishers shall be provided as required by EM 385-1-1.

i. Personal Protective Apparel & Safety Equipment: Employees shall be provided with any personal protective equipment necessary to protect them from recognized hazards and maintain hazard exposure within acceptable limits. The Contractor shall enforce the usage of personal protective apparel and safety equipment by its employees.

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Protection against hazards from plants, animals and insects shall adhere to the requirements in section 06.D, EM 385-1-1. Personal floatation devices (PFDs) shall be provided and worn by all persons whenever there is a drowning hazard.

j. First Aid Kits: First aid kits shall be provided as required in EM 385-1-1.

k. The Contractor shall adhere to all Federal and State requirements pertaining to herbicide use and application performed under the Purchase Order.

l. The downing of standing trees is not required under the purchase order. However, should if tree cutting becomes necessary, it shall be performed under the direction of a qualified tree worker. Trained and qualified personnel shall be utilized to perform the cutting up and removal of downed trees.

m. Anytime an employees is required to work alone in a remote location, he/she shall be provided a means of emergency communication (i.e. cellular phone).

n. Washing facilities shall be provided as necessary to maintain healthful and sanitary conditions for workers. These facilities shall be located at or near site where services are performed and adequate to remove harmful substances. Good hygiene practices shall be observed during all phases of herbicide application work.

o. A Hazard Communication program shall be implemented in accordance with 29 CFR 1910.1200 or 1926. The program shall address (as a minimum) personnel training, container labeling, an inventory of all hazardous materials to be used during the performance of services and the location and use of MSDS's.

p. Employees shall be provided with safe access and when required, fall protection as specified in Section 21 of EM 385-1-1. No work requiring the lifting of heavy materials shall be done from ladders. Portable ladders (if used) shall be of sufficient length and shall be placed so workers will not stretch or assume a hazardous position.

Submitted for Acceptance By: _____
_____, Contractor

Date

ACTIVITY A: MOWING

1. Job Step: Loading and unloading trucks and trailers with mowing equipment and other related materials.

- a. Recognized Hazard: Lifting Injuries.
 - (1) Actions to prevent or minimize hazard.
 - (a) Use proper lifting techniques.
 - (b) Get help with heavy or awkward items.
 - (c) Use lifting devices when possible.
- b. Recognized Hazard: Foot and hand injuries during loading and unloading.
 - (1) Actions to prevent or minimize hazard.
 - (a) Use gloves
 - (b) Take care not to set object down on supporting fingers.
 - (c) Examine object to be lifted to see if there are any sharp or jagged protrusions/edges.
 - (d) Wear protective footwear.
 - (e) Use care not to drop loads on foot, or snag load on legs.
- c. Recognized Hazard: Slips, trips and falls with loads.
 - (1) Actions to prevent or minimize hazard.
 - (a) Use care when walking with loads.
 - (b) Move obstructions from path.
 - (c) Get help with heavy or awkward loads.
 - (d) Use dolly or other lifting device when possible.
 - (e) Walk slowly with loads.
 - (f) Do not jump to different levels with or without loads (e.g. truck bed to ground).
- d. Recognized Hazard: Equipment rolling or falling off trailer.
 - (1) Actions to prevent or minimize hazard.
 - (a) Block wheels and secure equipment and materials with lines, chains or other methods.

2. Job Step: Driving truck with materials and mowing equipment to and from work site.

- a. Recognized Hazard: Accidents (traffic).
 - (1) Actions to prevent or minimize hazard.
 - (a) Inspect vehicle before using, including lights, warning/signaling devices, brakes etc.
 - (b) Inspect trailer and test lighting.
 - (c) Drive defensively.
 - (d) Wear seat belts.

- unsafe.
- (e) Do /not operate vehicles when road conditions make operation
 - (f) Use warning/signaling devices when needed.
 - (g) Use lights in fog or other weather conditions that decrease visibility.
 - (h) Maintain vehicles in proper and safe working order.

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ACTIVITY A: MOWING (Continued)

- b. Recognized Hazard: Accidents (pedestrian).
 - (1) Actions to prevent or minimize hazard.
 - (a) Check in all directions before moving vehicle.
 - (b) Drive defensively.
 - (c) Use care when operating a vehicle in near visitors, or other areas where persons might unexpectedly enter the path of the moving vehicle.
 - (d) Use backup alarms/spotters.
- c. Recognized Hazard: Accidents (Other).
 - (1) Actions to prevent or minimize hazard.
 - (a) Use emergency brakes and blocks when parking on steep grades.
 - (b) Be alert to the possibility of deer crossing in front of moving vehicle.
 - (c) Use warning flashers when travelling slow or parking along roadways.
 - (d) Do not transport personnel in the beds of trucks.
 - (e) Use backup alarms/spotters.
- 3. Job Step: Mowing and trimming grass at work sites.
 - a. Recognized Hazard: Rolling tractor over.
 - (1) Actions to prevent or minimize hazard.
 - (a) Inspect areas to be mowed for debris, holes, slipping banks and washouts. Remove dangerous debris, and hand cut/grass in and around holes, slipping banks and washouts.
 - (b) All riding mower equipment will have certified rollover protection and seat belts.
 - (c) No slopes with a gradient of 4 horizontal to 1 vertical will be mowed when the ground is soft or the grass is wet.
 - b. Recognized Hazard: Mower blades throwing objects.
 - (1) Actions to prevent or minimize hazard.
 - (a) Pick up visible debris from grounds before mowing.
 - (b) Do not remove or disable grass discharge guard.
 - (c) Stop mower when persons walk in path of clippings being discharged by mower, and whenever possible, direct mower clipping discharge away from persons, vehicles and other property which might be injured or damaged by a thrown object.
 - (d) Wear protective footwear when mowing.
 - (e) Avoid using power mowers on areas having a lot of stones (i.e. gravel compounds and parking areas).

(f) Whenever possible, conduct mowing during periods when few persons are in the area. Or have a Government employee clear the area until mowing is complete.

(g) Disengage mower deck or PTO when traveling across pavement or other areas with debris.

(h) Keep other workers and public a safe distance from mowers.

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ACTIVITY HAZARD ANALYSIS

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ACTIVITY A: MOWING (Continued)

c. Recognized Hazard: Fires during refueling.

(1) Actions to prevent or minimize hazard.

(a) Shut down equipment before refueling.

(b) If equipment is very hot, allow a cool down period before refueling.

(c) Use flammable liquid containers that comply with EM 385-1-1.

(d) Appropriate type fire extinguisher shall be located within 25 feet of

refueling site.

d. Recognized Hazard: Eye injuries from weed cutter debris.

(1) Actions to prevent or minimize hazard.

(a) Weed cutter operators will wear eye protection.

e. Recognized Hazard: Injuries from rotating blades or moving machinery.

(1) Actions to prevent or minimize hazard.

(a) Shut down mower equipment before servicing.

(b) Do not leave running mower equipment unattended.

(c) Wear protective footwear.

(d) Disengage PTO when not mowing.

(e) Do not let anyone approach a running mower.

(f) Maintain protective guards over moving parts.

f. Recognized Hazard: Run over persons with mower.

(1) Actions to prevent or minimize hazard.

(a) Riding mower operators must check in all directions before moving or changing directions.

(b) All self-propelled construction and industrial equipment shall be equipped with reverse signal alarms.

g. Recognized Hazard: Slips, trips and falls.

(1) Actions to prevent or minimize hazard.

(a) Take care when climbing on and off riding mower equipment.

(b) When using push mowers: Check for tripping hazards; push mower, pull only when absolutely necessary; mow banks horizontally; keep firm footing; do not mow wet or slippery slopes.

(c) When using weed trimming devices on uneven ground, use care to maintain firm footing.

ACTIVITY B: MAINTENANCE

1. Job Step: Driving truck with collected trash on the project and to the landfill.
 - a. Recognized Hazard: Accidents (traffic).
 - (1) Actions to prevent or minimize hazard.
 - (a) Inspect vehicle before using, including lights, warning/signaling devices, brakes etc.
 - (b) Inspect trailer and test lighting (if trailer is used).

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ACTIVITY B: MAINTENANCE (Continued)

- (c) Drive defensively.
 - (d) Wear seat belts.
 - (e) Do not operate vehicles when road conditions make operation unsafe.
 - (f) Use warning/signaling devices when needed.
 - (g) Use lights in fog or other weather conditions that decrease visibility.
 - (h) Maintain vehicles in proper and safe working order.
 - (i) Use warning flashers when stopping or operating a vehicle along roadways while collecting litter.
 - b. Recognized Hazard: Accidents (pedestrian).
 - (1) Actions to prevent or minimize hazard.
 - (a) Check in all directions before moving vehicle.
 - (b) Drive defensively.
 - (c) Where required, equipment will be equipped with backup alarms. Spotters will also be used when necessary.
 - (d) Use care when operating a vehicle near visitors, or in other areas where persons might unexpectedly enter the path of the moving vehicle.
 - c. Recognized Hazard: Accidents (Other).
 - (1) Actions to prevent or minimize hazard.
 - (a) Use emergency brakes and blocks when parking on steep grades.
 - (b) Be alert to the possibility of deer crossing in front of moving vehicle.
 - (c) Use warning flashers when travelling slow or parking along roadways.
 - (d) Do not transport personnel in the beds of trucks.
 - (e) Collect trash along roadways during daylight hours.
 - (f) Where required, equipment will be equipped with backup alarms. Spotters will also be used when necessary.
2. Job Step: Collecting trash, litter, and cut up limbs; and loading and unloading collected trash, litter and cut up from trucks.
 - a. Recognized Hazard: Lifting Injuries.
 - (1) Actions to prevent or minimize hazard.
 - (a) Use proper lifting techniques.
 - (b) Get help with heavy or awkward items.
 - (c) Use lifting devices when possible.

b. Recognized Hazard: Head, foot, eye and hand injuries during trash loading and unloading operations.

(1) Actions to prevent or minimize hazard.

- (a) Use gloves.
- (b) Take care not to set garbage cans or heavy bags down on supporting fingers.
- (c) Examine trash bags to be lifted for sharp or jagged items protruding through the bag.
- (d) Wear protective footwear.
- (e) When necessary, wear protective eyewear.

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ACTIVITY B: MAINTENANCE (Continued)

(e) Use care not to drop load on foot, or snag sharp items protruding from the bag on legs.

(f) Wear protective hard hats.

c. Recognized Hazard: Slips, trips and falls with loads.

(1) Actions to prevent or minimize hazard.

- (a) Use care when walking with loads.
- (b) Move obstructions from path.
- (c) Get help with heavy or awkward loads.
- (d) Use dolly or other lifting device when possible.
- (e) Walk slowly with loads.
- (f) Do not jump to different levels with or without loads (e.g. truck bed to ground).
- (g) Use care when walking on wet areas and uneven ground surfaces.

d. Recognized Hazard: Collected debris falling from truck.

(1) Actions to prevent or minimize hazard.

- (a) Use side rails on truck.
- (b) Use tarpaulin when load exceeds height of truck bed walls or side rails.

e. . Recognized Hazard: Bloodborne pathogens.

(1) Actions to prevent or minimize hazard.

(a) When coming into contact with possible contaminated material or treating injuries, universal precautions pertaining to bloodborne pathogens will be used.

3. Job Step: Clearing leaves and other debris from trails and picnic pads.

a. Recognized Hazard: Head and hand injuries.

(1) Actions to prevent or minimize hazard.

- (a) Wear gloves.
- (b) Check condition of rake handles, making sure they are free of splits which could result in splinters entering hand.
- (c) Wear hard hats.

b. Recognized Hazard: Eye injuries caused by debris blown by leaf blower and contact with twigs, limbs and branches.

- (1) Actions to prevent or minimize hazard.
 - (a) Operators will use eye protection.
- c. Recognized Hazard: Injuries from chain saws during the cutting of tree limbs (downed trees and limbs only - no standing trees to be cut under this Purchase Order).
 - (1) Actions to prevent or minimize hazard.
 - (a) Wear chaps.
 - (b) Use hearing protection.
 - (c) Wear gloves.
 - (d) Wear protective helmets.
 - (e) Use eye protection.
 - (f) Assure that saw operator has been adequately trained.

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ACTIVITY B: MAINTENANCE (Continued)

- d. Recognized Hazard: Fires during chain saw operations.
 - (1) Actions to prevent or minimize hazard.
 - (a) See c.(1) under ACTIVITY A - MOWING.
 - (b) Chain saw to be equipped with spark arrestor.
 - (c) Chain saw work will not be done during extremely dry conditions.
- 4. Job Step: Cleaning ashes and other debris from grills and fire rings.
 - a. Recognized Hazard: Burns and fire.
 - (1) Actions to prevent or minimize hazard.
 - (a) Wear gloves.
 - (b) Check ashes to make sure they are cold before removal and placement in truck or trailer.
 - (c) Do not attempt to throw hot coals or embers into trash bags or into truck. Extinguish hot coals or embers completely with water, or return later to clean grill or fire ring if hot coals and embers are present.

ACTIVITY C: CLEANING

- 1. Job Step: Cleaning restroom floors.
 - a. Recognized Hazard: Slips, trips and falls.
 - (1) Actions to prevent or minimize hazard.
 - (a) Mop up excess water on floor surfaces.
 - (b) Leave restroom doors open whenever possible to promote quicker drying. Post signs/fold-out barricades to warn public of wet floors.
 - (c) Use caution when working on wet floors and maintain orderly work area.
 - b. Recognized Hazard: Chemical exposure.
 - (1) Actions to prevent or minimize hazard.
 - (a) Review and maintain Material Safety Data Sheets on cleaning compounds used. Use caution while using cleaning and disinfecting agents. Avoid splashing and wear proper eye protection as necessary. Wear protective rubber gloves when necessary.

2. Job Step: Cleaning windows and vehicles.
 - a. Recognized Hazard: Falls from ladders.
 - (1) Actions to prevent or minimize hazard.
 - (a) Use sturdy/appropriate ladders.
 - (b) Have someone hold ladder.
 - (c) Do not stand on top step of ladder.
 - (d) Use care when climbing up or down ladder, and maintain secure footing.

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ACTIVITY D: HERBICIDE SPRAYING

1. Job Step: Operating spraying equipment along roadways during road shoulder treatments.
 - a. Recognized Hazard: Accidents (traffic).
 - (1) Actions to prevent or minimize hazard.
 - (a) Inspect vehicle with sprayer before using, including lights, warning/signaling devices, brakes etc.
 - (b) Inspect trailer and test lighting (if used).
 - (c) Drive defensively.
 - (d) Wear seat belts.
 - (e) Do not operate vehicles when road conditions make operation unsafe.
 - (f) Do not spray when fog or other weather conditions decrease visibility.
 - (g) Maintain vehicles in proper and safe working order.
 - (h) Use warning flashers when stopping or operating a vehicle along roadways while spraying shoulders.
 - (i) Spray during daylight hours.
 - b. Recognized Hazard: Accidents (Other).
 - (1) Actions to prevent or minimize hazard.
 - (a) Use emergency brakes and blocks when parking on steep grades.
 - (b) Be alert to the possibility of deer crossing in front of moving vehicle.
 - (c) Use warning flashers when travelling slow or parking along roadways.
 - (d) Do not transport personnel in the beds of trucks.
 - (e) Post "Men Working" signs ahead and behind section of roadway to be sprayed.
2. Job Step: Mixing and spraying herbicide.
 - a. Recognized Hazard: Chemical exposure.
 - (1) Actions to prevent or minimize hazard.
 - (a) Do not use "Restricted Use" herbicides.
 - (b) Select herbicides that present low threat to applicators, others

(including fish and wildlife).

(c) Use herbicide manufacturer's recommended mixing rates.

(d) Use all safety apparel recommended by the herbicide manufacturer.

As required, preventive measures will be employed to prevent exposure by contact (skin & eyes), inhalation of spray mist or dust, overexposure and during disposal/decontamination of equipment.

(e) Acquire Material Safety Data Sheets for all herbicides used, and make them available to applicators and others involved in the spraying work.

(f) A State certified pesticide applicator, or a person under the direct supervision of a certified applicator will apply herbicides.

(g) Due care will be taken with regard to wind direction and other climatic conditions.

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ACTIVITY D: HERBICIDE SPRAYING

(h) No spraying will be done when wind speeds exceed 6 miles per hour.

(i) Acquire _____ approval before applying a particular herbicide.

(j) Spray herbicides in accordance with manufacturer's recommendations, and applicable State and Federal laws and regulations.

(k) On-site sanitary and washing facilities shall be made available to individuals participating in spraying work. Emergency eye wash capability will also be provided for workers involved in spraying work.

b. Recognized Hazard: Killing desirable plants, fish and wildlife.

(1) Actions to prevent or minimize hazard.

(a) When spraying near water, only those herbicides approved for use near water will be utilized.

(b) Spray when wind conditions do not create a hazard of herbicide drifting on desirable vegetation.

(c) Spray according to manufacturer's recommendations.

(d) Periodically check for leakage.

c. Recognized Hazard: Slips, trips, and falls while spraying.

(1) Actions to prevent or minimize hazard.

(a) Take care when climbing on and off truck transporting spraying equipment. Do not jump on and off truck bed.

(b) When using back pack sprayers or caring hoses attached to a truck mounted sprayer: Check for tripping hazards; maintain sure footing on rip rap areas and uneven ground; use protective boots with lugged or slip resistant soles; do not spray areas with wet or slippery slopes (wait until dry enough to walk safely).

(c) When situation dictates, use appropriate fall protection systems/devices.

NOTES TO REVIEWERS: The above listed activities, jobs, hazards and actions to prevent and

minimize the recognized hazards are submitted to fulfill contractual requirements, and to comply with the requirements of EM 385-1-1. It should be known that the Contractor reserves the right to change or add to the analyses listed above. Changes and additions will be made as necessary to make work safer, or to adjust to operational changes. Work will not proceed until an activity hazard analysis has been reviewed and accepted by the designated authority and discussed with all engaged in the activity, including the Government's on-site representative. Changes or additions made to Appendix A, Activity Hazard Analysis will be submitted to the Corps of Engineers for acceptance. The Contractor has attempted to analyze all recognized hazards for the work to be performed under Purchase Order No. DACW27-_____ at _____. Any omitted analyses are unintentional. In the event of an omission, the Contractor still intends comply with all pertinent requirements of Corps of Engineers' Safety and Requirements Manual (EM 385-1-1).

Submitted for Acceptance By: _____
_____, Contractor _____
_____ Date