

Environmental Protection Plan

Prepared for:

Las Vegas VA Hospital Medical Center Project
Phase 3

I. Purpose:

In accordance with Section 01568 of the Project Specifications, the purpose of this plan is to specifically identify and control possible pollutants which may negatively impact the environment during construction phases of the project by implementing "Best Management Practices" (BMPs). Persons responsible for ensuring adherence to this plan are identified below. Before each phase of work is initiated, one of the responsible people will verify that proper control measures are in place to prevent, control, or eliminate any hazardous contaminants and adverse environmental conditions.

II. Responsible Persons:

<u>Name</u>	<u>Title/Position</u>	<u>Phone Number</u>
Marty Haaland	Project Executive	Office: (702) 968-9950 Cell: (713) 875-3019
Molly Gunderson	Project Manager	Office: (702) 968-9950 Cell: (702) 239-2578
Adam Sullivan	Superintendent	Office: (702) 968-9950 Cell: (702) 303-6088
Jack Fowler	Asst. Superintendent	Office: (702) 968-9950 Cell: (702) 303-5146
Brandon Conroy	Office Engineer	Office: (702) 968-9950 Cell: (702) 303-8105
Brent E. Scott	Safety Manager	Office: (702) 968-9950 Cell: (702) 303-6076
Kelly Arant	Field Office Manager	Office: (702) 968-9950 Cell: (702) 400-9621
Angela Hartman	Administrative Assistant	Office: (702) 968-9950
Nevada Wildlife		Office:(702)486-5127
Tortoise Pick-up		Office(702)383-8678

Environmental Protection Plan

Prepared for:

Las Vegas VA Hospital Medical Center Project
Phase 3

I. Purpose:

In accordance with Section 01568 of the Project Specifications, the purpose of this plan is to specifically identify and control possible pollutants which may negatively impact the environment during construction phases of the project by implementing "Best Management Practices" (BMPs). Persons responsible for ensuring adherence to this plan are identified below. Before each phase of work is initiated, one of the responsible people will verify that proper control measures are in place to prevent, control, or eliminate any hazardous contaminates and adverse environmental conditions.

II. Responsible Persons:

<u>Name</u>	<u>Title/Position</u>	<u>Phone Number</u>
Marty Haaland	Project Executive	Office: (702) 968-9950 Cell: (713) 875-3019
Molly Gunderson	Project Manager	Office: (702) 968-9950 Cell: (702) 239-2578
Adam Sullivan	Superintendent	Office: (702) 968-9950 Cell: (702) 303-6088
Jack Fowler	Asst. Superintendent	Office: (702) 968-9950 Cell: (702) 303-5146
Brandon Conroy	Office Engineer	Office: (702) 968-9950 Cell: (702) 303-8105
Brent E. Scott	Safety Manager	Office: (702) 968-9950 Cell: (702) 303-6076
Kelly Arant	Field Office Manager	Office: (702) 968-9950 Cell: (702) 400-9621
Pamela Mitchell	Administrative Assistant	Office: (702) 968-9950
Nevada Wildlife		Office:(702)486-5127
Tortoise Pick-up		Office(702)383-8678

***** The Safety Manager is the responsible person for ensuring compliance with this plan during each phase of work.**

All responsible persons have received the following training:

- OSHA 10 hour
- SWPPP
- Hazardous Material and Soil Containment
- Dust Control
- Excavation Procedures

III. Conveyance to Employees:

- a) All employees shall be instructed as to the purpose and intent of the Environmental Protection Plan during site orientation and before each new phase of site work before mobilization.

IV. Conditions/Control Procedures:

1. Rain/Water run-off:

- a) Secondary containment for chemicals and fuels stored on-site. No fuels or chemicals will be left unsecured anywhere on-site. (i.e. double containment, fuel trucks, or other approved methods of storage.)
- b) Cover such storage with waterproof barrier to prevent run-over.
- c) Incidental spills shall be cleaned up and properly disposed of immediately according to Environmental Protection Agency (EPA) requirements and/or the MSDS for the product.
- d) Dikes and filter fabric at street side collection drains to prevent contamination of sewer system.
- e) Dikes, sandbags or burlap fabric at spoils and graded surfaces or slopes to prevent erosion.
- f) Best Management Plans (BMPS) may be amended by approved SWPP plan.
- g) Depending of the severity of the spill the North Las Vegas Fire Department Haz-Mat Unit may need to be called.

2. Environmental Conditions/Considerations:

- a) Risk Assessment and Exposure Control Checklist (Sec. 01568) to be completed.
- b) A Clark responsible person will immediately investigate any complaint of dust, odor, or noise and take immediate corrective action if it is determined to be caused by construction activity.
- c) Wildlife shall be removed only by certified persons as stated in Division 1 Section 01568-E Protection of Fish And Wildlife

- d) All employees shall go through desert tortoise awareness training as per The Code of Safe Practices.
- e) If wildlife is found stop work immediately and notify the Clark Safety Coordinator for the Las Vegas VA or Clark Management personnel.
- f) Wildlife that maybe found on the jobsite:
 - Desert tortoise
 - Burrowing Owl
 - Gila Monster
 - Snakes
 - Insects
 - Migratory birds

3. Noise/Vibration Control:

- a) Construction Equipment shall comply with Division 1 Section 01568 (G.2.a.). Documentation of equipment inspection for subcontractors will be submitted to Clark before use.
- b) Sound level measurements as outlined in Division 1 Section 01568-(G.1-2). Readings are to be recorded weekly and will be available for review.
- c) Repetitive noise limitations as outlined in Division 1 Section 01568-(G.1).

V. Protection of Land Resources:

- 1. See Division 1 Section 01568-(G) for work area locations, limits, and fencing diagram for each "Work Phase".
- 2. All non-work areas will be fenced off. As to not cause damage land resources and the immediate environment.
- 3. Erosion and sediment control devices will be placed and maintained to prevent and minimize erosion and to prevent sediment from entering nearby water ways.
- 4. Store all chemicals in double corrosion resistant containers.
- 5. All construction debris shall be placed into a trash dumpster / container which will be emptied regularly.
- 6. Failure to strictly adhere to all rules and regulations of this act are grounds for immediate dismissal.

VI. Dust and Particle Emissions:

- 1. Maintain all stock piles, excavations, haul roads, temporary and permanent roads and all other areas inside and outside of the project area free from hazardous or nuisance particles and emissions.(i.e. dust clouds, diesel and other fuels exgaust.)
- 2. Keep all emissions from equipment under the County allowed emission amount. By visual estimation emissions are 20% of surrounding clear air.
- 3. Dust control will be in place and maintained at all time, even during non-work hours and holidays. Dust and particles may be controlled by sprinklers, water trucks or chemical sealants.

Clark Construction Group LLC

4. All equipment and or trucks must past through the truck wash-down area to ensure that only a limited amount of sediments leave the project area. **VIOLATIONS** of these requirements may be cause for dismissal.

Environmental Protection Plan

Prepared for:

Las Vegas VA Hospital Medical Center Project
Phase 4

I. Purpose:

In accordance with Section 01568 of the Project Specifications, the purpose of this plan is to specifically identify and control possible pollutants which may negatively impact the environment during construction phases of the project by implementing "Best Management Practices" (BMPs). Persons responsible for ensuring adherence to this plan are identified below. Before each phase of work is initiated, one of the responsible people will verify that proper control measures are in place to prevent, control, or eliminate any hazardous contaminants and adverse environmental conditions.

II. Responsible Persons:

<u>Name</u>	<u>Title/Position</u>	<u>Phone Number</u>
Marty Haaland	Project Executive	Office: (702) 968-9950 Cell: (713) 875-3019
Molly Gunderson	Project Manager	Office: (702) 968-9950 Cell: (702) 239-2578
Adam Sullivan	Superintendent	Office: (702) 968-9950 Cell: (702) 303-6088
Jack Fowler	Asst. Superintendent	Office: (702) 968-9950 Cell: (702) 303-5146
Jim Bruce	Office Engineer	Office: (702) 968-9950 Cell: (702) 303-6028
Brent E. Scott	Safety Manager	Office: (702) 968-9950 Cell: (702) 303-6076
Kelly Arant	Field Office Manager	Office: (702) 968-9950 Cell: (702) 400-9621
Taren Hornbeger	Administrative Assistant	Office: (702) 968-9950
Nevada Wildlife		Office:(702)486-5127
Tortoise Pick-up		Office(702)383-8678

***** The Safety Manager is the responsible person for ensuring compliance with this plan during each phase of work.**

All responsible persons have received the following training:

- OSHA 10 hour
- SWPPP
- Hazardous Material and Soil Containment
- Dust Control
- Excavation Procedures

III. Conveyance to Employees:

- a) All employees shall be instructed as to the purpose and intent of the Environmental Protection Plan during site orientation and before each new phase of site work before mobilization.

IV. Conditions/Control Procedures:

1. Rain/Water run-off:

- a) Secondary containment for chemicals and fuels stored on-site. No fuels or chemicals will be left unsecured anywhere on-site. (i.e. double containment, fuel trucks, or other approved methods of storage.)
- b) Cover such storage with waterproof barrier to prevent run-over.
- c) Incidental spills shall be cleaned up and properly disposed of immediately according to Environmental Protection Agency (EPA) requirements and/or the MSDS for the product.
- d) Dikes and filter fabric at street side collection drains to prevent contamination of sewer system.
- e) Dikes, sandbags or burlap fabric at spoils and graded surfaces or slopes to prevent erosion.
- f) Best Management Plans (BMPS) may be amended by approved SWPP plan.
- g) Depending of the severity of the spill the North Las Vegas Fire Department Haz-Mat Unit may need to be called.

2. Environmental Conditions/Considerations:

- a) Risk Assessment and Exposure Control Checklist (Sec. 01568) to be completed.
- b) A Clark responsible person will immediately investigate any complaint of dust, odor, or noise and take immediate corrective action if it is determined to be caused by construction activity.
- c) Wildlife shall be removed only by certified persons as stated in Division 1 Section 01568-E Protection of Fish And Wildlife

- d) All employees shall go through desert tortoise awareness training as per The Code of Safe Practices.
- e) If wildlife is found stop work immediately and notify the Clark Safety Coordinator for the Las Vegas VA or Clark Management personnel.
- f) Wildlife that maybe found on the jobsite:
 - Desert tortoise
 - Burrowing Owl
 - Gila Monster
 - Snakes
 - Insects
 - Migratory birds

3. Noise/Vibration Control:

- a) Construction Equipment shall comply with Division 1 Section 01568 (G.2.a.). Documentation of equipment inspection for subcontractors will be submitted to Clark before use.
- b) Sound level measurements as outlined in Division 1 Section 01568-(G.1-2). Readings are to be recorded weekly and will be available for review.
- c) Repetitive noise limitations as outlined in Division 1 Section 01568-(G.1).

V. Protection of Land Resources:

- 1. See Division 1 Section 01568-(G) for work area locations, limits, and fencing diagram for each "Work Phase".
- 2. All non-work areas will be fenced off. As to not cause damage land resources and the immediate environment.
- 3. Erosion and sediment control devices will be placed and maintained to prevent and minimize erosion and to prevent sediment from entering nearby water ways. .
- 4. Store all chemicals in double corrosion resistant containers.
- 5. All construction debris shall be placed into a trash dumpster / container which will be emptied regularly.
- 6. Failure to strictly adhere to all rules and regulations of this act are grounds for immediate dismissal.

VI. Dust and Particle Emissions:

- 1. Maintain all stock piles, excavations, haul roads, temporary and permanent roads and all other areas inside and outside of the project area free from hazardous or nuisance particles and emissions.(i.e. dust clouds, diesel and other fuels exgaust.)
- 2. Keep all emissions from equipment under the County allowed emission amount. By visual estimation emissions are 20% of surrounding clear air.
- 3. Dust control will be in place and maintained at all time, even during non-work hours and holidays. Dust and particles may be controlled by sprinklers, water trucks or chemical sealants.

Clark Construction Group LLC

4. All equipment and or trucks must past through the truck wash-down area to ensure that only a limited amount of sediments leave the project area. **VIOLATIONS** of these requirements may be cause for dismissal.