



Storm Water Pollution Prevention Plan

Construction Activities in City limits of Midland, Texas

Prepared by: _____

Title: _____

Project Name: _____

Operator Number Assigned by TCEQ (if applicable): _____

Description of Project (if applicable): _____

Address/ General Description: _____

Project Coordination: Longitude _____ Latitude: _____

Method of determination (longitude/latitude): ____ USGS (Scale); ____ EPA Website; ____ GPS; Other (Specify) _____

Properties of Soil: _____

Total land disturbance in acres: _____

Projected Start Date: _____ Actual Start Date: _____

End Date: _____

| | |
|---------------------------------|-------------------------------------|
| Owner Name: _____ | Primary Operator Name: _____ |
| Title: _____ | Title: _____ |
| Name: _____ | Name: _____ |
| Company: _____ | Company: _____ |
| Address: _____ | Address: _____ |
| Secondary Address: _____ | Secondary Address: _____ |
| Office #: _____ | Office #: _____ |
| Fax#: _____ | Fax#: _____ |
| Email: _____ | Email: _____ |

*** Owner of the property may give the Primary Operator may give sole responsibility to the General Contractor or third party if they choose. This will automatically place the owner as a Secondary Operator which gives full authority for installation and implementation of Best Management Practices (BMP's) to the Primary Operator. This gives the primary operator the ability to choose which BMPs to use and install. The owner of the property will not be relieved of any liability.

*** Sections in this document were taken from EPA and TCEQ sample SWPPP's Template and forms. Please view: <https://www.tceq.texas.gov/assistance/water/sw-construction.html> for additional assistance.

Section 1: Site Evaluation, Assessment and Planning

1.1 Project/Site Information

Is this project on Indigenous land? Yes ___ No ___

If yes, please list reservation and location, or not part of a reservation, indicate “not applicable”:

Is this project considered a federal facility? Yes ___ No ___

The boundaries of the project site are the responsibility of the primary operator please describe:

Agreement among Operator’s:

This agreement between operators describes and delegates which stormwater responsibilities for all construction operators as well as subcontractors who operate within the confounds of the project site. Operators and subcontractor agree to abide by the conditions throughout the duration of the construction project, effective on the date of signature.

This project is subject to the discretion of TCEQ’s TPDES General Permit for discharges from construction activities (Construction General Permit). The intention of the permit is preventing the discharges of pollutants associated with construction activity from entering the municipal separate storm sewer system (MS4). In the City of Midland, the MS4 includes, streets, curb and gutter systems, channels, basins, playa lakes and the Midland Draw.

Responsibilities of the Primary Operator on this project include:

- Maintaining proper SWPPP documentation, have a qualified individual perform site inspections as required under Part III. Section F.7 of the Construction General Permit.
- File a Notice of Intent (NOI) with TCEQ for coverage to discharge Stormwater under the Construction General Permit prior to the beginning of construction. If NOI is not required, then a Notice for Small site will be filed to the City of Midland.
- Retain copies of the inspection reports on site for review upon request from City of Midland Stormwater Division or any other government or state agency. Documents should always be on site or accessible within 24 hours of request.
- Maintaining good housekeeping and site cleanliness practice at all times. This includes any streets that border the project site. The intention is to minimize the effects of off-site impacts to precede any rain or wind events. Inspection should also involve inlet protection if the site is bordered by stormwater inlets.
- Address any issues with operators or subcontractors onsite about construction general permit compliance issues when needed.



- Inspect and maintain erosion control BMPs in all areas on the site to ensure proper functioning.
- Supply concrete washout location for all subcontractors on site the entire duration of the project materials for washout includes (concrete, mortar, grout, paint, etc.)
- Final stabilization is required prior to the end of the construction activity. Construction must begin at the end of the workday within 14 days after construction has ceased on any area of the project site. If not installed by primary operator, the responsibilities must be transferred to new operator and documented in the SWPPP.

Responsibilities of Subcontractor(s)

- Shall not place or store material on an impervious surface (roadway) without proper stormwater measure to protect against erosion.
- Maintain compliance with rules of the SWPPP. If at any time BMPs are changed, it must be documented in the SWPPP by the primary operator.
- Exercise responsible washout actions in a concrete washout provided by the primary operator.

All parties agree to perform accordingly to the terms and conditions of this Agreement as described above.

| | | |
|--------------------|-------------------|-------|
| _____ | _____ | _____ |
| Primary Operator | Signature & Title | Date |
| _____ | _____ | _____ |
| Secondary Operator | Signature & Title | Date |
| _____ | _____ | _____ |
| Subcontractor | Signature & Title | Date |

Appendix A – Site Map areas of responsibility
Appendix B – Detailed Site Map



1.2 Contact Information/Responsible Parties

| |
|--|
| <p>Operator (s): _____ Company Name: _____ General Contractor: _____ Address _____ City, State, Zip _____ Telephone# _____ Fax# _____ Responsibilities at site: _____ _____ _____</p> |
| <p>Project Manager (s) or Site Supervisor (s): _____ Company Name: _____ General Contractor: _____ Address _____ City, State, Zip _____ Telephone# _____ Fax# _____ Responsibilities at site: _____ _____ _____</p> |
| <p>SWPPP Contact (s): _____ Company Name: _____ General Contractor: _____ Address _____ City, State, Zip _____ Telephone# _____ Fax# _____ Responsibilities at site: _____ _____ _____</p> |
| <p>Subcontractor(s): _____ Company Name: _____ Person of Contact: _____ Address _____ City, State, Zip _____ Telephone# _____ Fax# _____ Responsibilities at site: _____</p> |

| |
|---|
| <p>_____</p> <p>_____</p> |
| <p>Emergency 24 -Hour Contact (s):</p> <p>_____</p> <p>Company Name: _____</p> <p>Telephone# _____</p> |

1.3 Nature and Sequence of Construction Activity

In general, please describe the scope of the project in phases and they will occur:

What type of construction activity will be performed?

Commercial Residential Industrial Linear (Road, utility etc.)

Activity Schedule: This section is a detailed log of major activity phases such as BMP installation, Grading, Construction and Final Stabilization lastly Post construction measures. Please be as detailed as possible and fill out only the areas that apply.

| Timeline of Activities | BMP Installation and Construction Activities |
|---|---|
| <p>Start Date: _____</p> <p>End Date: _____</p> | <p>Prior to any earth disturbing activities</p> <ul style="list-style-type: none"> Install erosion sediment control around site boundaries. Protect any inlets that border in the near vicinity of the site. Install construction entrance. Clearing & Grubbing |

| | |
|--|--|
| Start Date: _____ End Date: _____ | Land Prepping/Site Grading <ul style="list-style-type: none"> • Initial clearing and grading phases • Overburden removal • Stockpile protection; temporary stabilization |
| Start Date: _____ End Date: _____ | Construction Phase <ul style="list-style-type: none"> • Identify staging area for material and equipment storage • Install concrete washout, hazardous material storage, trash bin, fuel stations • Foundations, building erections etc. |
| Start Date: _____ End Date: _____ | Final Stabilization <ul style="list-style-type: none"> • Inlet protection removal • Remove washout areas • Remove temporary measures; stabilize all disturbed areas • Begin all final stabilization measures |
| Start Date: _____ End Date: _____ | Post Construction BMP <ul style="list-style-type: none"> • Detail responsible parties for final site stabilization • Material must be non-erodible, perennial vegetation (if vegetation is method of choice) |

1.4 Soil Characteristics, Slope Grades, Vegetation

Detailed soil type(s) or characteristics:

Slope grades (please include any changes made to existing slopes on the project site):

Existing Vegetation (if applicable):

1.5 Receiving Waters

Provide a description of the nearest receiving waters for the City of Midland MS4 stormwater outfalls:

For the City of Midland, receiving water bodies include Beals Creek segment 1412B located northwest of Big Spring Tx in Howard County. Ultimate receiving bodies of water are EV Spence Reservoir in Coke County Tx.

Will the project have a private storm sewer system? Or will it connect to city storm sewer system infrastructure? Please explain:

303 – 305D list for impaired waters of the state for TCEQ. The City of Midland is required to review all impaired water segments near Midland County. Currently, there are none listed that no changes have been made for the current permit term. For all impaired water bodies please research TCEQs webpage at

http://www.tceq.texas.gov/waterquality/assessment/305_303.html

1.6 Endangered Species, Historical Markers

List any endangered species or historic markers that may be potentially impacted by the project:

1.7 Potential Pollution Concerns

Potential sources of pollution on this project are listed below:

- i. Sediment from grading, grubbing, or landscaping activities
- ii. Vehicle tracking
- iii. Illicit Discharges from site

Potential Pollution Concerns for Non-sediment sources are listed below:

- i. Fueling activities, equipment wash and maintenance areas
- ii. Material storage areas (rock, concrete & mortar tool clean out areas etc.)
- iii. Temporary restroom areas
- iv. Any hazardous materials not protected from rain contact

1.8 Federal, Local, Tribal or State Applicability

In the City of Midland, it is required that all projects be accompanied by a submittal of a prepared Storm Water Pollution Prevention Plan for review on all projects in the city limits. Projects that are over 1 acre and are not part of the common plan of development must provide proper documentation prior to beginning of construction.

Please provide a date when SWPPP was submitted to the Operator of the MS4

City of Midland
300 N. Loraine St. Ste 510
Midland, Texas 79702

**Can be submitted physically or electronically at stormwater@midlandtexas.gov

Section 2. Erosion and Sediment Control Measures

It is the responsibility of the operator to make sure that BMPs selected perform as intended so that erosion of sediment will be minimized. Each BMP will be reviewed on the erosion control plan to ensure that they are properly functioning. Primary operators can delegate authority to qualified individuals of SWPPP and CGP compliance for erosion control BMPs.

2.1 Protection of Disturbed Areas and Natural Soil Features

Existing Land Features/Vegetation

| | |
|-------------------|---|
| BMP Description | Perimeter bmps will protect established vegetation and aid in erosion and sediments that are conveyed from the site. |
| Installation | When this phase will begin until the project ends. |
| Inspections | Once every 14 days or after a rain event of half inch or more. Any issues will be documented on the inspection sheet portion of this SWPPP. |
| Party Responsible | Detail if the primary operator or if a secondary operator is responsible for this bmp maintenance. |

Overburden/ Topsoil

| | |
|-------------------|---|
| BMP Description | Overburden will be removed and located to an area away from inlets or outfalls that leave the project site. Stockpiles are to be protected by a measure that will reduce the amount of sediment that will be moved when contacted rain. |
| Installation | Once overburden has been removed it will be located away from any stormwater conveyances (i.e., curb and gutter systems, inlets, flumes etc.) |
| Inspections | Once every 14 days or after a rain event of half inch or more. Any issues will be documented on the inspection sheet portion of this SWPPP. |
| Party Responsible | Detail if the primary operator or if a secondary operator is responsible for this bmp maintenance. |

Other

| | |
|-------------------|---|
| BMP Description | |
| Installation | |
| Inspections | Once every 14 days or after a rain event of half inch or more. Any issues will be documented on the inspection sheet portion of this SWPPP. |
| Party Responsible | Detail if the primary operator or if a secondary operator is responsible for this bmp maintenance. |

2.2 Construction Phases

| | |
|-------------------|---|
| BMP Description | Project will be constructed in phases. This will help reduce the amount of open land at one time and help control erosion by winds and rainfall. The operator has the ultimate decision on whether to develop the entire project at once or in phases. Proper bmps must be selected and inspected to ensure that they are performing as intended. |
| Installation | When this phase will begin until the project ends. |
| Inspections | Once every 14 days or after a rain event of half inch or more. Any issues will be documented on the inspection sheet portion of this SWPPP. |
| Party Responsible | Detail if the primary operator or if a secondary operator is responsible for this bmp maintenance. |
| | |

Other

| | |
|-------------------|---|
| BMP Description | |
| Installation | |
| Inspections | Once every 14 days or after a rain event of half inch or more. Any issues will be documented on the inspection sheet portion of this SWPPP. |
| Party Responsible | Detail if the primary operator or if a secondary operator is responsible for this bmp maintenance. |

2.3 Conveyance of Stormwater through the site

Silt Fence

| | |
|-------------------|---|
| BMP Description | If a silt fence used for erosion control must be installed per city of Midland detail and inspected by Stormwater Administrator. Indicate on plans where fence will be installed. |
| Installation | Before construction begins and maintained throughout the duration of the project. |
| Inspections | Once every 14 days or after a rain event of half inch or more. Any issues will be documented on the inspection sheet portion of this SWPPP. |
| Party Responsible | Detail if the primary operator or if a secondary operator is responsible for this bmp maintenance. |

Fiber Wattle

| | |
|-------------------|--|
| BMP Description | If fiber wattles are used for erosion/perimeter control. They must be installed per city of Midland detail and inspected by Stormwater Administrator. Indicate on plans where the fence will be installed. |
| Installation | When this phase will begin until the project ends. |
| Inspections | Once every 14 days or after a rain event of half inch or more. Any issues will be documented on the inspection sheet portion of this SWPPP. |
| Party Responsible | Detail if the primary operator or if a secondary operator is responsible for this bmp maintenance. |

Other

| | |
|-------------------|---|
| BMP Description | |
| Installation | |
| Inspections | Once every 14 days or after a rain event of half inch or more. Any issues will be documented on the inspection sheet portion of this SWPPP. |
| Party Responsible | Detail if the primary operator or if a secondary operator is responsible for this bmp maintenance. |

2.4 Stabilize Soils

Temporary Stabilization

| | |
|-------------------|--|
| BMP Description | This BMP requires implementation on areas of the project site where activities have ceased or will be ceased for a period of 14 days. Vegetation is acceptable with native grasses; however, other measures include surrounding stockpiles with wattles, silt fence or any other material that will protect against sediment runoff from the site. |
| Installation | Will be implemented once primary operator knows areas where activities will be ceased longer than 14 days. |
| Inspections | Once every 14 days or after a rain event of half inch or more. Any issues will be documented on the inspection sheet portion of this SWPPP. |
| Party Responsible | Detail if the primary operator or if a secondary operator is responsible for this bmp maintenance. |

Hydro-mulch/Mulching

| | |
|-------------------|---|
| BMP Description | Mulching can be applied as a border perimeter along the MS4 conveyances such as curb/gutter systems. Can be applied with tackifier for substances such as straw, hay bales, wood, or any other non-erodible material. |
| Installation | Applied once operators have determined that activities will cease longer than 14 days on any areas of the project site. |
| Inspections | Once every 14 days or after a rain event of half inch or more. Any issues will be documented on the inspection sheet portion of this SWPPP. |
| Party Responsible | Detail if the primary operator or if a secondary operator is responsible for this bmp maintenance. |

Other

| | |
|-------------------|---|
| BMP Description | |
| Installation | |
| Inspections | Once every 14 days or after a rain event of half inch or more. Any issues will be documented on the inspection sheet portion of this SWPPP. |
| Party Responsible | Detail if the primary operator or if a secondary operator is responsible for this bmp maintenance. |

Permanent Stabilization:

BMP Installation: Please identify which method will be selected upon completion of the project.

- Upon completion of the project sod will be installed all areas disturbed; a watering schedule will be provided to the City of Midland. Growth of 3-5 inches has been established.
- Site will be landscaped with decorative rock on all areas that have been disturbed.
- Site will have mulch sprayed on all areas disturbed.
- There will be no areas left undisturbed, all areas will be paved.
- Other (Detail)

| | |
|-------------------|--|
| Installation | Permanent stabilization is required before completion of the project. Operators are encouraged to begin stabilization methods well before completion to ensure that project is completed with no issues before NOT or Site Notice is applied for. If vegetation is the selected method of choice; documentation for what was seeded, and a watering schedule should be submitted to the City of Midland Stormwater Division. |
| Inspections | If vegetation is selected, then inspections should occur every 7 days to ensure that growth is taking place on site. If landscaped rock is used, then no inspection is required other than to ensure that rock is installed in areas as shown on plan (same for mulch). |
| Party Responsible | Detail if the primary operator or if a secondary operator is responsible for this bmp maintenance. |

Dust Control

| | |
|-------------------|---|
| BMP Description | City of Midland requires a method of dust control for construction activities of both large and small sites. Water trucks are suggested to operate during windy conditions or when sites activity generates dust that leaves the site in any direction. |
| Installation | High winds or high activities on site that generate dust plumes whether in residential or commercial projects. |
| Inspections | Should take place daily to minimize the amount of dust leaving the site. |
| Party Responsible | Detail if the primary operator or if a secondary operator is responsible for this bmp maintenance. |

Other

| | |
|-------------------|--|
| BMP Description | |
| Installation | |
| Inspections | Should occur daily to minimize dust leaving the site. |
| Party Responsible | Detail if the primary operator or if a secondary operator is responsible for this bmp maintenance. |

2.5 Slope Protection

Erosion Blankets

| | |
|-------------------|---|
| BMP Description | Erosion blankets can be installed on slopes to reduce erosion along channel slopes. |
| Installation | Blankets are to be installed in 6-inch trench on the top of the channel edge, then backfilled and compacted to ensure proper hold and prevent wind erosion and water erosion. Stakes must be every 4-6 ft to ensure proper anchoring. |
| Inspections | Once every 14 days or after a rain event of half inch or more. Any issues will be documented on the inspection sheet portion of this SWPPP. |
| Party Responsible | Detail if the primary operator or if a secondary operator is responsible for this bmp maintenance. |

Other

| | |
|-------------------|---|
| BMP Description | |
| Installation | |
| Inspections | Once every 14 days or after a rain event of half inch or more. Any issues will be documented on the inspection sheet portion of this SWPPP. |
| Party Responsible | Detail if the primary operator or if a secondary operator is responsible for this bmp maintenance. |

2.6 Inlet Protection

Please identify a method of choice:

- Storm drain inlets will be protected by straw/fiber wattle providing adequate room for water to flow over and into the drain.
- Inlet will be covered with material that captures sediment and allows water to flow into the storm drain inlet.
- Gravel or sandbags will be installed around inlet providing adequate room for water to flow over and into the drain.
- Other

| | |
|-------------------|---|
| Installation | Before any land disturbing activities. |
| Inspections | Once every 14 days or after a rain event of half inch or more. Any issues will be documented on the inspection sheet portion of this SWPPP. |
| Party Responsible | Detail if the primary operator or if a secondary operator is responsible for this bmp maintenance. |

Other

| | |
|-------------------|---|
| BMP Description | |
| Installation | |
| Inspections | Once every 14 days or after a rain event of half inch or more. Any issues will be documented on the inspection sheet portion of this SWPPP. |
| Party Responsible | Detail if the primary operator or if a secondary operator is responsible for this bmp maintenance. |

2.7 Perimeter BMP Selections

Silt fencing will be installed to establish project boundaries and provide protection against sediments that may leave the site, reducing the potential for contamination of the municipal separate stormwater sewer system of the City of Midland.

Silt Fence

| | |
|-------------------|---|
| BMP Description | Silt fencing will be installed before any construction activity take place. Can be used in j-hooked sections to control larger flows of water and minimize sediment and erosion. |
| Installation | Prior to any land disturbance, must be trenched in 6 inches deep, j-hooked at the toe and back filled on both sides. Stakes should be 4-6 ft apart on center. Can be wooden or metal stakes with metal mesh facing outward to the street. |
| Inspections | Once every 14 days or after a rain event of half inch or more. Any issues will be documented on the inspection sheet portion of this SWPPP. |
| Party Responsible | Detail if the primary operator or if a secondary operator is responsible for this bmp maintenance. |

Fiber Wattle

| | |
|-------------------|--|
| BMP Description | Will be installed before any construction activity takes place. Can be used to create ponding and allow water to leave site while trapping a large portion of sediment onsite. |
| Installation | Must be installed along perimeter, over lapped where ends meet and staked every 4-6 ft for proper anchoring. |
| Inspections | Once every 14 days or after a rain event of half inch or more. Any issues will be documented on the inspection sheet portion of this SWPPP. |
| Party Responsible | Detail if the primary operator or if a secondary operator is responsible for this bmp maintenance. |

Other

| | |
|-------------------|---|
| BMP Description | |
| Installation | |
| Inspections | Once every 14 days or after a rain event of half inch or more. Any issues will be documented on the inspection sheet portion of this SWPPP. |
| Party Responsible | Detail if the primary operator or if a secondary operator is responsible for this bmp maintenance. |

2.8 Construction Entrance Installation

Construction sites are required to have a stabilized construction entrance to prevent an excess of mud and other sediments from leaving the site and entering the stormwater sewer system of the City of Midland.

Rock Entrance

| | |
|-------------------|---|
| BMP Description | Entrance material must be installed at the point of entrance to the site. Details for the City of Midland for rock include 4–6-inch bull rock, dimensions of the entrance are 14 feet wide by 50 long should provide adequate room for 8 full revolutions for truck tires. (Can be adjusted to accommodate site size) |
| Installation | Must be installed at the time of perimeter bmps at the entrance of the site to minimize amount of sediment track out from the site. Operators can use more than one on site; must be documented on plans and in SWPPP to reflect site. |
| Inspections | Inspections should occur numerous times a week to ensure rocks have not been compacted. |
| Party Responsible | Detail if the primary operator or if a secondary operator is responsible for this bmp maintenance. |

Rumble Strip/Plate

| | |
|-------------------|---|
| BMP Description | Entrance material consists of two large, truncated dome style plates. Details for the City of Midland are 14 feet wide by 50 feet long. Provide adequate room for 8 full revolutions for truck tires. (Can be adjusted to accommodate site size.) |
| Installation | Must be installed at time of perimeter bmps at the entrance of the site to minimize amount of sediment track out from the site. |
| Inspections | Inspection should occur numerous times a week to ensure plates do not become filled with sediment. |
| Party Responsible | Detail if the primary operator or if a secondary operator is responsible for this bmp maintenance. |

Other

| | |
|-------------------|--|
| BMP Description | |
| Installation | |
| Inspections | Inspections should occur at time of perimeter bmps. |
| Party Responsible | Detail if the primary operator or if a secondary operator is responsible for this bmp maintenance. |

2.9 Additional Bmp Measures

Sweeping

| | |
|-------------------|--|
| BMP Description | Sweeping and removing excess sediment from streets, curbs and gutters must be performed regularly to keep material on the site. If deemed unsuccessful, the operator can increase or implement additional measures along with sweeping to keep track out to a minimum. |
| Installation | As necessary, once operator notices that track out has become an issue. He/she must coordinate necessary actions to have sediment track out resolved. |
| Inspections | Perform on weekly basis to ensure that track out is not entering storm sewer system. |
| Party Responsible | Detail if the primary operator or if a secondary operator is responsible for this bmp maintenance. |

Section 3: Site Cleanliness Good Housekeeping Measures

3.1 Hazardous Waste, Trash, Material Handling etc.

Hazardous Wastes Materials

| | |
|-----------------|--|
| BMP Description | Chemicals deemed as hazardous waste will be stored on site, inside covered areas with leak proof containers or secondary containment that prevent any contact with rain fall. Should be kept on crates off the ground. At no time, can tools be cleaned in the concrete washout, hazardous material tools must be cleaned in area designated so that material cannot leak out and cause any damages. |
| Installation | Material location should be installed in area that is safe and away from any conveyances of the MS4 such as curb and gutter systems, inlets, or concrete drain flumes. If inside containment is infeasible, materials should be protected and covered by plastic to minimize contact with rainfall. |
| Inspections | Inspections should occur at time of perimeter bmps or once daily. |

| | |
|-------------------|--|
| Party Responsible | Detail if the primary operator or if a secondary operator is responsible for this bmp maintenance. |
|-------------------|--|

Trash

| | |
|-------------------|--|
| BMP Description | Open top construction bin must be located on site for any construction debris and paper trash that is generated on site for storage and disposal. Inspection records must be indicated on reports, showing how often inspection occur. |
| Installation | Should be installed in area onsite throughout the life span of the project. |
| Inspections | Inspections should occur at time of perimeter bmps or once daily. |
| Party Responsible | Detail if the primary operator or if a secondary operator is responsible for this bmp maintenance. |

Sanitary Waste/Temporary Port a Potty Locations

| | |
|-------------------|--|
| BMP Description | Temporary toilet locations should be placed before major construction activities. Must be in areas that are not prone to large volume flows, or any ponding can occur. |
| Installation | Operators can install on site as needed. |
| Inspections | Inspections should occur at time of perimeter bmps. |
| Party Responsible | Detail if the primary operator or if a secondary operator is responsible for this bmp maintenance. |

Other

| | |
|-------------------|--|
| BMP Description | |
| Installation | |
| Inspections | Inspections should occur at time of perimeter bmps. |
| Party Responsible | Detail if the primary operator or if a secondary operator is responsible for this bmp maintenance. |

3.2 Staging Areas

Staging Areas

| | |
|-------------------|--|
| BMP Description | Staging areas must be detailed in plan set, must be within direct area of construction site. Must be protected by an erosion control measure to minimize track out or erosion from rainfall. |
| Installation | Must be indicated by operator at the time of submittal of plans for review. Staging areas must be stabilized at or before completion of the project back to 70 percent of pre-existing conditions. |
| Inspections | Inspections should occur at time of perimeter bmps or once daily. |
| Party Responsible | Detail if the primary operator or if a secondary operator is responsible for this bmp maintenance. |

Other

| | |
|-------------------|--|
| BMP Description | |
| Installation | |
| Inspections | Inspections should occur at time of perimeter bmps. |
| Party Responsible | Detail if the primary operator or if a secondary operator is responsible for this bmp maintenance. |

3.3 Concrete Washout Location

Washout Location

| | |
|-------------------|--|
| BMP Description | Washout locations must be located on site, shown on plans, and installed to reflect what the City of Midland detail shows. Two options on city detail pages, must include plastic lined pit on either option selected by the operator. |
| Installation | Installed prior to any pouring of concrete at the site. |
| Inspections | Inspections should occur at time of perimeter bmps. |
| Party Responsible | Detail if the primary operator or if a secondary operator is responsible for this bmp maintenance. |

3.4 Vehicle Maintenance Location

Fueling Area

| | |
|-------------------|---|
| BMP Description | Fueling and maintenance areas can be listed onsite; however, they should be protected by a measure that would minimize any soil contamination. Will also require spill kit and documentation that shows spill size, response time and mitigation methods. |
| Installation | The operator must identify where this measure will be installed or if infeasible, leaking machinery will be repaired or removed from the site to avoid further contamination. Must be documented onsite inspection sheet. |
| Inspections | Inspections should occur daily. |
| Party Responsible | Detail if the primary operator or if a secondary operator is responsible for this bmp maintenance. |

Other

| | |
|-------------------|--|
| BMP Description | |
| Installation | |
| Inspections | Inspections should occur at time of perimeter bmps. |
| Party Responsible | Detail if the primary operator or if a secondary operator is responsible for this bmp maintenance. |

3.5 Spill Kit Inventory

| | |
|-------------------|---|
| BMP Description | It is the responsibility of the primary operator to inform any sub-contractors or secondary operators of spill prevention and reporting. Once a spill occurs, operators should corner off areas affected by spill and remove and clean immediately. Spills above 25 gallons should be reported to City of Midland Fire Department, TCEQ and the Stormwater Division of the City of Midland as soon as possible. |
| Installation | All crewmembers should have knowledge of where the spill kit inventory is located as well as the MSDS sheet that will detail how to clean the spill and the chemical reactants to certain chemicals. Any spill will have to be documented on a log in the spill kit and inspection sheet. |
| Inspections | Posters, phone numbers also MSDS sheets should be posted in multiple locations around the site. Inventory all spills on logs. |
| Party Responsible | Detail if the primary operator or if a secondary operator is responsible for this bmp maintenance. |

Other

| | |
|-------------------|--|
| BMP Description | |
| Installation | |
| Inspections | Inspections should occur at time of perimeter bmps. |
| Party Responsible | Detail if the primary operator or if a secondary operator is responsible for this bmp maintenance. |

3.6 Additional BMP's

Other

| | |
|-------------------|--|
| BMP Description | |
| Installation | |
| Inspections | Inspections should occur at time of perimeter bmps. |
| Party Responsible | Detail if the primary operator or if a secondary operator is responsible for this bmp maintenance. |

3.7 Allowable Discharges Management

Dust Suppression Method

| | |
|-------------------|---|
| BMP Description | Primary operators can use water to control dust from leaving the site. Water must not cause any additional issues such as flooding adjacent properties or carry any sediment from project site onto the street. |
| Installation | During high wind events, operators must designate a driver to apply water to the site to minimize blowing dust. |
| Inspections | Inspections should occur at time of perimeter bmps to ensure water is not leaving the site. |
| Party Responsible | Detail if the primary operator or if a secondary operator is responsible for this bmp maintenance. |

Stormwater Dewatering Activities

| | |
|-------------------|---|
| BMP Description | Operators may discharge sources that only contain stormwater from construction sites. Sources cannot contain any hazardous chemicals or substances that are harmful to the environment or the City of Midland MS4. |
| Installation | Discharges must include a filter mechanism that traps sediment while water is flowing downstream. Examples include fiber wattles, sand or gravel bags or j-hooked silt fence installation to minimize flow of water being discharged from the site. |
| Inspections | When dewatering, inspections of the bmp of choice should occur many times daily to ensure they are working properly. |
| Party Responsible | Detail if the primary operator or if a secondary operator is responsible for this bmp maintenance. |

Landscaping/Stabilization Methods

| | |
|-------------------|--|
| BMP Description | Once a measure has been selected by the operator it is important to encourage stabilization. If vegetation (i.e., hydro seed, broadcast seeding, sod application, other) is a selected measure of choice, the City of Midland requires a watering schedule, a signed document of who will handle responsibilities and what was seeded. |
| Installation | Must occur at the end of the workday once it has been determined that construction activity has been completed or no activity will take place on the affected area for longer than 14 days. |
| Inspections | Inspections should occur weekly to ensure that growth is taking place. Vegetation must have an established root system before contractor/developer/operator (primary, secondary) can leave the site. |
| Party Responsible | Detail if the primary operator or if a secondary operator is responsible for this bmp maintenance. |

Other

| | |
|-------------------|--|
| BMP Description | |
| Installation | |
| Inspections | Inspections should occur at time of perimeter bmps. |
| Party Responsible | Detail if the primary operator or if a secondary operator is responsible for this bmp maintenance. |

Section 4: Post Construction Responsibilities

Basins

| | |
|-------------------|---|
| BMP Description | Basins are designed and installed to accommodate minimal preconstruction peak flow runoff conditions. Capabilities of the basin must reduce peak flow conditions or keep them the same as pre-existing conditions. |
| Installation | In most instances, basins are developed prior to or during any major construction activities. The purpose is to reduce flow capacity to the MS4 of the City of Midland. Basins in the City of Midland are required to have rip rap installed in the spillway and inlet locations and required to be stabilized. |
| Inspections | Inspections should occur at time of perimeter bmps and after rain events of more than ½ inch within a 24-hour period. |
| Party Responsible | Detail if the primary operator or if a secondary operator is responsible for this bmp maintenance. |

Swale

| | |
|-------------------|--|
| BMP Description | Vegetated swales if shown on plans must be constructed to reflect what plans show. Can be used to divert water, filter chemicals, and collect debris. Also, they aid in infiltration of the water into the soil. |
| Installation | Also are installed during major construction activities; may contain rip rap or any other method of water diversion. |
| Inspections | Inspections should occur at time of perimeter bmps. Any excess sediment will be removed at time of inspection. |
| Party Responsible | Detail if the primary operator or if a secondary operator is responsible for this bmp maintenance. |

Other

| | |
|-------------------|--|
| BMP Description | |
| Installation | |
| Inspections | Inspections should occur at time of perimeter bmps. |
| Party Responsible | Detail if the primary operator or if a secondary operator is responsible for this bmp maintenance. |

Section 5: Site Erosion Control Inspections

5.1 Inspections

1. Please identify individuals who will be performing inspections at this site. List qualifications if applicable. Should have knowledge of stormwater erosion control measures and bmp installation as well as performing routine inspections after rain events:

➤ Inspector (s):

➤ Qualifications:

2. Procedures and Schedules for Inspections

Please indicate inspections and the intervals in which they will be performed for your site. Must include frequency for all bmp selections and when they will begin (i.e., morning, afternoon etc.)

Per the Construction General Permit, operators must have inspections performed once weekly, twice in 14 days or 24 hours after a rain event of ½ inch or greater. Please indicate below how the operator will perform inspections:

Please indicate procedures for mitigating issues onsite once they occur. Items necessary for this project include staff (third party, sub-contractor, secondary operator) and reaction times for mitigation.

- Once issues are identified on site, responsible parties are to be notified and the incident is to be reported on an inspection log within this SWPPP. It is the responsibility of the primary operator to initiate remediation of the issues found during the time of the inspection. The City of Midland gives a grace period of 10 days to commercial/residential projects and 21 days for industrial projects to correct issues found onsite. If inspection frequencies are deemed ineffective, the operator may change the time and choice of bmp and list of the inspection log.

**Operator may attach a copy of the inspection log with this SWPPP or use one provided in Appendix E of this template. **

5.2 Delegation of Authority

Authority Representative(s) Or Position(s):

Company Name: _____
 Authorized Individual: _____
 Title: _____
 Address 1: _____
 Address 2: _____
 Phone#: _____
 Email: _____

Delegation of Authority Signatory Page Appendix J

Section 6: Training/ Record Keeping

6.1 Record Keeping

Operator of construction activities are required to retain project records for a period of 3 years after the project has been completed and the NOT (Notice of Termination) has been filed to TCEQ and the operator of the MS4, City of Midland. Records must include dates of all inspections, any amendments made to the project site etc.

** See Appendix I for Activities related to Grading and Stabilization**

6.2 Amendments to the SWPPP

See Appendix G for amendments made to the SWPPP

Section 7: Final Stabilization

Permanent Vegetation:

Operators may select a method for stabilization for their project so long as the vegetation is not noxious or invasive to the region. If vegetation is the method of choice, the source must be perennial, and a watering schedule and mixture documentation must be provided as well. Please indicate below a method of stabilization:

- _____ Site will have vegetation on all disturbed areas (includes staging areas, any area where machinery has disturbed soil).
- _____ Decorative rock (i.e., caliche, crushed gravel, limestone etc.)
- _____ Hydro Seed, Mulch, Vegetative Buffer Strips
- Other (explain) _____

Seeding

| | |
|-------------------|---|
| BMP Description | Seeding will be implemented before closing project out, must have growth and established root system before contractor can file NOT and leave the site. |
| Inspections | Inspections should occur weekly to ensure vegetation measure is growing. All spoil piles and discarded construction material must be removed from the site. |
| Party Responsible | Detail if the primary operator or if a secondary operator is responsible for this bmp maintenance. |

Decorative Landscape Rocks

| | |
|-------------------|--|
| BMP Description | |
| Inspections | Inspections should occur weekly to ensure no washout has occurred. |
| Party Responsible | Detail if the primary operator or if a secondary operator is responsible for this bmp maintenance. |

Other

| | |
|-------------------|--|
| BMP Description | |
| Inspections | Inspections should occur at time of perimeter bmps. |
| Party Responsible | Detail if the primary operator or if a secondary operator is responsible for this bmp maintenance. |

Other

| | |
|-------------------|--|
| BMP Description | |
| Inspections | Inspections should occur at time of perimeter bmps. |
| Party Responsible | Detail if the primary operator or if a secondary operator is responsible for this bmp maintenance. |

Other

| | |
|-------------------|--|
| BMP Description | |
| Inspections | Inspections should occur at time of perimeter bmps. |
| Party Responsible | Detail if the primary operator or if a secondary operator is responsible for this bmp maintenance. |



Section 8: Certification and Notification

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Primary Operator

Name: _____

Title:

Signature: _____

Date: _____

Secondary Operator

Name: _____

Title: _____

Signature: _____

Date: _____



Appendix A: General Project Location Map



Midland County Municipal Separate Storm Sewer System (MS4)



This map was developed by Permian Basin MPO for the purpose of being in regional transportation planning decisions and is not warranted for any other use. No warranty is made by Permian Basin MPO regarding its accuracy or completeness.





Appendix B: Site Location Map



Appendix C: TPDES Construction General Permit



Appendix D: NOI Large Site TCEQ Authorization Number or Small Site Notice



Appendix E: Inspection Logs

| General Inspection Information | | | |
|---|-------------|--|-----------------------------|
| Project Operator Name: | | | |
| Construction Type | | __ Residential __ Commercial __ Linear | |
| TCEQ Permit # (if applicable) | | | |
| Weather Conditions | | __ Rain __ Windy __ Other Rainfall amount above .5 inches? Y N | |
| Date: | | Start Time: | End Time: |
| Inspector/Qualifications: | | | |
| | | | |
| BMP /Activity | Condition | | Corrective Action Performed |
| Name: Description: | Maintenance | <input type="checkbox"/> | |
| | Repair | <input type="checkbox"/> | |
| | Replace | <input type="checkbox"/> | |
| Name: Description: | Maintenance | <input type="checkbox"/> | |
| | Repair | <input type="checkbox"/> | |
| | Replace | <input type="checkbox"/> | |
| Name: Description: | Maintenance | <input type="checkbox"/> | |
| | Repair | <input type="checkbox"/> | |
| | Replace | <input type="checkbox"/> | |
| Name: Description: | Maintenance | <input type="checkbox"/> | |
| | Repair | <input type="checkbox"/> | |
| | Replace | <input type="checkbox"/> | |
| Name: Description: | Maintenance | <input type="checkbox"/> | |
| | Repair | <input type="checkbox"/> | |
| | Replace | <input type="checkbox"/> | |
| Fueling Area (if applicable) | Condition | | Corrective Action Performed |
| | Maintenance | <input type="checkbox"/> | |
| | Repair | <input type="checkbox"/> | |
| | Replace | <input type="checkbox"/> | |
| | Maintenance | <input type="checkbox"/> | |
| | Repair | <input type="checkbox"/> | |
| | Replace | <input type="checkbox"/> | |
| Vehicle Maintenance Areas (if applicable) | Condition | | Corrective Action Performed |
| | Maintenance | <input type="checkbox"/> | |
| | Repair | <input type="checkbox"/> | |
| | Replace | <input type="checkbox"/> | |

| Vehicle Washing Areas (if applicable) | Condition | | Corrective Action Performed |
|--|-----------|---|-----------------------------|
| | | Maintenance <input type="checkbox"/> | |
| | | Repair <input type="checkbox"/> | |
| | | Replace <input type="checkbox"/> | |
| Chemical Storage | Condition | | Corrective Action Performed |
| | | Maintenance <input type="checkbox"/> | |
| | | Repair <input type="checkbox"/> | |
| | | Replace <input type="checkbox"/> | |
| | | Maintenance <input type="checkbox"/> | |
| | | Repair <input type="checkbox"/> | |
| | | Replace <input type="checkbox"/> | |
| Concrete Washout | Condition | | Corrective Action Performed |
| Is location clearly marked and maintained on regular basis? | | | |
| Trash bin containers | Condition | | Corrective Action Performed |
| Are trash bin locations clean, provided in centrally located area of project site? | | | |
| <p>I _____ certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.</p> | | | |
| Signature: | | Date: | |



Appendix F: Corrective Action Log



Corrective Action Log

Project Name: _____ Location: _____

| Date of Inspection | Name of Inspector | Report findings | Corrective Actions Required/Performed | Operator Responsible |
|--------------------|-------------------|-----------------|---------------------------------------|----------------------|
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |



Appendix G.: SWPPP Amendment Log



SWPPP Amendment Log

Project Name: _____

Location: _____

| Amendment No. and Page No. | Detail changes for SWPPP | Date of Amendment | Amendment Prepared by (Name and Title) |
|----------------------------|--------------------------|-------------------|--|
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |



Appendix H: Subcontractor Agreement



Subcontractor Agreement

Authorization Number: _____

Project Name: _____

Primary & Secondary Operator(s): _____

Subcontractor are required to comply with the Stormwater Pollution Prevention Plan (SWPPP) for all work on that specific project. Persons who knowingly violate any condition of the SWPPP may be subject to substantial penalties or loss of contract. You are encouraged to advise each of your employees working on this project of the requirements of the SWPPP. A copy of the SWPPP is available for your review upon request.

Each subcontractor engaged in activities at the construction site that could impact stormwater must be identified and sign the following certification statement:

I certify under penalty of law that I have read or have been informed of the terms and conditions of the SWPPP for the above designated project and agree to follow the practices described in the SWPPP.

This agreement is hereby signed by in reference to the above name project:

Company: _____

Address: _____

Telephone: _____

Type of construction service to be provided:

Signature: _____

Title: _____

Date: _____



Appendix I: Grading and Stabilization Activity Log

Project Name: _____ Location: _____

| Start Date: | In the section below, please provide a description of activity performed and the method of stabilization selected along with implementation date. |
|-------------|---|
| | |
| | |
| | |
| | |
| | |
| | |
| | |



Appendix J: Delegation of Authority Document



Delegation of Authority Document

Project/Operator Name: _____
Project Authorization Number (if applicable): _____

The provided document serves to designate person or persons as authorized individuals for signatures for reports, SWPPPs, certifications or any other documentation that may be requested by the City of Midland, TCEQ or EPA. It is also a requirement of the Texas Pollution Discharge Elimination System (TPDES) construction general permit, 30 TAC §305.128

Name: _____

Name: _____

Name: _____

I am fully aware that authorization does not extend to the signing of the NOI (Notice of Intent) for obtaining coverage under the stormwater general permit.

By signing this agreement, I agree that I have or will meet requirements to make such an agreement as set forth by 30 TAC §305.44.

Name

Title

Date



Appendix K: Calculations Selected BMP's



Appendix L: End of Day Housekeeping Duties



End of Day Housekeeping Duties & Responsibilities

The City of Midland strongly encourages housekeeping duties to be performed at the end of each workday. In the provided list below please record the names of individuals who and the dates of when they have performed housekeeping duties to remove all sediment from streets, gutters. Duties also include closing and securing open top trash containers so that trash will not be carried off site by wind or rain events.

| Name | Date |
|-------------|-------------|
| | |
| | |
| | |
| | |
| | |
| | |
| | |