



JOB NO:	
DATE:	JULY 2016
REVISIONS	

Sheet Title	STORM WATER POLLUTION PREVENTION PLAN	Checked By:

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Project Name	SWPPP DETAILS FOR SONIC NORTH FOURTH NW	6310 NORTH FOURTH STREET NW., ALBUQUERQUE, NEW MEXICO

SHEET NO.
SWPPP
2 of 3

STORM WATER POLLUTION PREVENTION PLAN (SWPPP)

A. SITE DESCRIPTION

- See the vicinity map on the Grading and Drainage Plan for the location and legal description. The site will require grading in accordance with the attached Grading and Drainage Plan.
- The first major activities that will disturb the soil will consist of clearing and grubbing the site. After clearing and grubbing are complete, the site will be graded. The site will consist of both cut and fill areas.
- The total area of disturbance for this commercial development is as shown on the Grading and Drainage Plan, but greater than 1 acres. Clearing, grading, and construction of the site shall proceed in accordance with the general notes on the site, grading, landscape, and erosion control plans.
- The estimated runoff coefficients of the site, before and after construction activities, are shown in the drainage study for this site. A copy of the report may be obtained from the design engineer for review. The existing site is unimproved and covered with native vegetation.
- A Grading Plan and Erosion Control Plan are included as part of this Storm Water Pollution Prevention Plan. All drainage patterns, areas of disturbance, structural controls, and nonstructural controls will be shown on those plans.
- The intended use of the property is for commercial use.

B. SEQUENCE OF CONSTRUCTION

	SCHEDULED	ACTUAL
1. Install stabilized construction entrances	_____	_____
2. Prepare temporary parking and storage area	_____	_____
3. Construct silt fences and straw bale barriers as necessary	_____	_____
4. Clear and grub the site	_____	_____
5. Begin grading the site	_____	_____
6. Start construction of buildings	_____	_____
7. Install utilities and curbs and gutters	_____	_____
8. Install inlet and outlet protection devices	_____	_____
9. Prepare site for paving	_____	_____
10. Pave site	_____	_____
11. Complete grading and install permanent seeding and planting or surface treatment as approved.	_____	_____
12. Remove all temporary erosion and sediment control devices (only if site is stabilized). The site is stabilized when all soil disturbing activities are completed and a landscaped cover for unpaved area, and areas not covered by permanent structures, has been employed.	_____	_____

Note: The contractor shall be responsible for implementing, restoring, and/or revising the temporary sediment and erosion control measures (silt fences, straw bale barriers, etc.) as necessary during construction to help prevent soil erosion and storm water pollution.

C. CONTROLS

1. EROSION AND SEDIMENT CONTROLS

A. STABILIZATION PROCEDURES

- TEMPORARY SEEDING:** Disturbed areas where construction has temporarily been ceased must be stabilized within fourteen (14) days of the last disturbance. Areas that will again be disturbed within twenty-one (21) days do not have to be stabilized.
- PERMANENT STABILIZATION:** Disturbed portions of the site where construction activity has permanently stopped shall be permanently seeded as required. These areas shall be seeded no later than fourteen (14) days after the last construction activity in that area. Refer to the grading plan and Specifications for details.

B. STRUCTURAL PRACTICES

- SILT FENCE:** Silt fences shall be placed and constructed in accordance with the Grading and Erosion Control Plan.
- STRAW BALE BARRIERS:** Straw bale barriers shall be placed and constructed in accordance with the Grading and Erosion Control Plan.
- SLOPE PROTECTION:** All disturbed slopes shall be stabilized with sod, straw, mulch, an approved wire or jute mat, or a combination thereof. Hydro seed slopes as required.
- DRAINAGE SYSTEMS:** All drainage systems shall be installed per the approved construction documents and the Grading and Drainage Plan. All systems shall be protected in place.
- INLET AND OUTLET PROTECTION:** Inlet and Outlet protection shall be installed at proposed detention pond inlets/outlets, curb openings, and storm drain inlets in accordance with the Grading and Erosion Control Plan.
- ROCK OUTLET PROTECTION:** Riprap berms shall be provided at discharge points in accordance with the Grading and Erosion Control Plan. These berms shall be placed as soon as practicable.

2. TEMPORARY CONTROLS

- DUST CONTROL:** Dust shall be minimized by sprinkling water on disturbed and/or dry areas of the site. The use of motor oils, other petroleum based, or toxic liquids are prohibited from use as dust suppression materials.
- HAZARDOUS WASTE:** All hazardous wastes (paints, cleaning solvents, acids for cleaning masonry surfaces, concrete curing compounds and additives, etc.) shall be disposed of according to local, state, and federal regulations.
- CONSTRUCTION WASTE:** All construction waste and trash (paper, plastic, wood, scrap metals, rubber, etc.) shall be collected and stored in enclosed containers. Lids/covers for these containers shall be placed over the containers prior to any rainfall and/or windy conditions. They shall also be covered at all times construction is not actively engaged on the project site.

D. **CONCRETE TRUCK WASTE:** Excess concrete and wash water shall be disposed of in a manner that prevents contact between these materials and storm water that is discharged from the site.

E. **SANITARY WASTE:** Sanitary waste that is generated on the site shall be disposed of in accordance with local and state regulations.

F. **VEHICLE AND EQUIPMENT CLEANING:** Wash water generated from vehicle and equipment cleaning shall be disposed of in a manner that prevents contact between these materials and storm water that is discharged from the site.

G. **TEMPORARY PARKING AND STORAGE:** A temporary parking and storage area (gravel base) shall be established on the site. Portable facilities, office trailers, toilet facilities, and the employee break area shall be located at this site. This area shall also serve as the equipment maintenance and cleaning area.

H. **TEMPORARY CONSTRUCTION ENTRANCES:** Offsite tracking of sediment from vehicles shall be controlled by providing temporary construction entrances in accordance with the details provided in this SWPPP. When the vehicles traveling over these entrances are not adequately cleaned of the majority of the mud, the tires and undercarriage shall be washed before the vehicle enters a public road. When off-site tracking occurs, the deposits shall be removed from the roads.

D. MATERIALS MANAGEMENT

- PAINTS:** All containers shall be tightly sealed and stored when not in use. Excess paint shall be properly disposed of according to manufacturer's instructions or state and local requirements. Excess paint shall not be discharged to the storm sewer or temporary ponding area.
- Fertilizers:** Fertilizers shall be applied only in the minimum amounts recommended by the manufacturer. Once, applied fertilizer shall be worked into the soil (4 to 6 inches) to limit exposure to storm water. They shall be stored in a covered area.
- PETROLEUM PRODUCTS:** All onsite vehicles shall be monitored for leaks and receive preventative maintenance to reduce the chance of leakage. Petroleum products (oils, gasoline, lubricants, asphaltic substances, etc.) shall be stored in tightly sealed containers that are clearly labeled. Any asphalt products used onsite shall be applied according to the manufacturer's recommendations.
- HAZARDOUS PRODUCTS:** Products shall be kept in original containers unless they are not resealable. Original labels (with product information and material safety data shall be retained. Surplus products shall be disposed of in accordance with local, state, and federal requirements.

E. SPILL CONTROL PRACTICES

- Materials shall be tightly sealed in clearly labeled containers. These containers shall be securely and neatly stored.
- Materials and equipment necessary for spill cleanups shall be kept in the onsite material storage area.
- All spills shall be cleaned up immediately after discovery.
- The spill area shall be kept well ventilated and personnel shall wear appropriate protective clothing to prevent injury from contact with a hazardous substance.
- Spills of toxic or hazardous material shall be reported to appropriate local, state, and federal government agencies as soon as possible, regardless of the spill size.
- Contaminated materials (including soil) shall be disposed of in accordance with local, state, and federal requirements.
- One person shall be selected to be the spill prevention and cleanup coordinator.

F. GOOD HOUSEKEEPING

The following good housekeeping practices shall be followed during the construction project.

- Neat and orderly storage of all chemicals, fertilizers, fuels; etc. shall be maintained onsite.
- Regular garbage, rubbish, construction waste, and sanitary waste disposal shall be maintained.
- All spills shall be cleaned up immediately.
- Sediment deposited offsite by wind, storm water, and/or vehicle tracking shall be cleaned up regularly.

G. MAINTENANCE

All measures stated in this Storm Water Pollution Prevention Plan and on the Grading and Drainage Plans for the prevention of storm water pollution and erosion control shall be maintained in complete functional condition until the final stabilization of the site. All erosion and sediment control devices shall be cleaned and repaired in accordance with the following (refer to the Grading and Drainage Plan and the detail sheets for construction details):

- The straw bales shall be replaced of fixed when they show signs of deterioration or undermining.
- All seeded areas shall be checked regularly to verify that a good stand of vegetation is maintained. Areas shall be reseeded and fertilized as needed to provide a good stand of vegetation for sediment control.
- Sediment shall be removed from silt fences when it reaches one-third (1/3) to one-half (1/2) the fence height. Silt fences shall be repaired to their original condition if they become damaged.
- The construction entrances shall be maintained in a condition that will prevent tracking or flow of mud onto public rights-of-way. This may require periodic top dressing as conditions demand.
- Periodic top dressing may be required for the temporary parking and storage area as conditions demand. This area shall be maintained in good condition, adequate for parking and storage.
- The stones in the block and aggregate inlet sediment filters shall be removed, cleaned, and replaced as needed to remove sediment clogs.
- The responsible party will maintain a separate inspection report and logbook. Inspections will be performed on a periodic basis and detailed qualifications of the inspector will be kept in the logbook.
- A washout area will be designated by the contractor to show where debris and excess concrete will be disposed. During periodic construction site cleanup and upon completion of the project, all material will be disposed of by proper disposal measures.

H. INSPECTION

Qualified personnel shall inspect all erosion, sedimentation, and storm water pollution devices stated in this SWPPP and on the Grading and Drainage Plan at least once every seven (7) calendar days and within 24 hours of the end of a 0.5" or larger rainfall event (or equivalent snow). Disturbed areas and material storage areas that are exposed to precipitation shall be inspected for evidence of, or the potential for, pollutants entering the drainage system. Erosion and sediment control devices and/or measures that are identified on this SWPPP or on the Grading and Drainage Plan shall be observed to make sure they are operating correctly. Discharge locations shall be inspected to ascertain whether the erosion and sediment control measures are effective in preventing significant impacts on the receiving waters.

The erosion and sedimentation control devices shall be revised or modified as needed based on the results of the inspections. All revisions or modifications shall be completed within seven (7) calendar days of the inspection that identified the need for the revision or modification to the erosion or sediment control device/measure.

I. NON-STORM WATER DISCHARGE

Anticipated non-storm water discharges on the construction site may include the following:

- Water line flushing from newly installed water lines. Silt fences shall be used to collect sediment from water that is flushed from new water lines.
- Discharge from fire fighting activities. Any material from fire fighting activities that may pollute the storm water shall be disposed of properly.
- Water discharge from dust control. Silt fences shall be used to collect sediment from dust control.

J. APPROVED STATE AND LOCAL PLANS

To the best knowledge of all parties involved with the implementation of this SWPPP, all measures and considerations specified in this plan meet the requirements of the Federal Register Part II, Environmental Protection Agency, Reissuance of NPDES General Permits for Storm Water Discharges From Construction Activities in Region 6, July 6, 1998. This plan was prepared in accordance with the EPA Storm Water Management for Construction Activities.

K. SIGNATURE REQUIREMENTS

The contractor shall obtain and sign copies of all reports and certifications required by NPDES and general permit for storm water discharges from construction activities as required by the permit during the period the permit is active on this site. All records are to be kept on site and presented to authorized officials as noted in the permit.

L. NOTICE OF TERMINATION

The GENERAL CONTRACTOR shall submit a Notice of Termination (Form N.O.T.) of a General Permit to discharge storm water associated with construction activities after all construction activities have been completed and the site is stabilized. The site shall be stabilized by permanent seeding, mulching, paving, landscaping, sodding, etc.

M. EPA CHECKLIST

See [www.EPA.GOV/REGION6/SW](http://www.EPA.GOV/REGION6/SW) for the latest EPA checklist.

STORM WATER POLLUTION PLAN CERTIFICATION

"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."

Name (please print): MARK OTERO Title: CONSULTING ENGINEER

BJM DEVELOPMENT CONSULTANT (505)250-7719

CONTRACTOR/SUBCONTRACTOR CERTIFICATION

"I certify under penalty of law that I understand the terms and conditions of the general National Pollutant Discharge Elimination System (NPDES) Permit that authorizes the storm water discharge associated with industrial activity from the construction site identified as part of this certification. Further, by my signature, I understand that I am becoming a co-permittee, along with the owner(s) and other contractors and subcontractors signing such certifications, to the general NPDES permit for the storm water discharges associated with industrial activity, from the identified site. As a co-permittee, I understand that I, and my company, are legally required under the Environmental Protection Act and the Clean Water Act to ensure compliance with the terms and conditions of the Storm Water Pollution Prevention Plan developed under the NPDES permit and the terms of the NPDES permit."

NOTE: The General Contractor and any Subcontractors involved with the implementation of this Storm Water Pollution Prevention Plan shall sign an individual copy of this certification and state in the space provided the measures in which they are responsible for performing (make copies if needed).

Please check one (X)

CONTRACTOR (X) SUBCONTRACTOR ( )

RED TRUCK CONSTRUCTION COMPANY J.D. MERRITT

ADDRESS: 5245 SOUTH ROAD DRIVE LAS CRUCES N.M. 87171

TELEPHONE: 575-644-0794

SITE: LOCATION (CITY, STATE): ALBUQUERQUE, NEW MEXICO

ADDRESS: 6310 NORTH FOURTH STREET N.W.

Name (please print): \_\_\_\_\_ Title: \_\_\_\_\_

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Storm Water Pollution Prevention Plan measures that your company is responsible for performing:

RETENTION OF SILT ON SITE, DUST ABATEMENT, EROSION CONTROL,

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