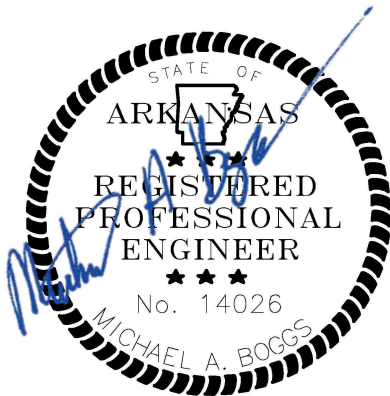


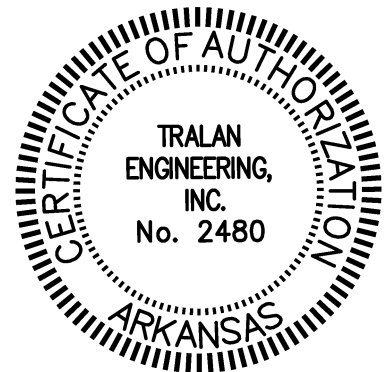
Stormwater Pollution Prevention Plan (SWPPP)
for Small Construction Site

National Pollutant Discharge Elimination System (NPDES)
General Permit # ARR150000

Prepared for:
Southwest Valley, LLC



Date:
September 12, 2019



Prepared by:

TRALAN
ENGINEERING
2916 Wood St. Jonesboro, AR 72404
Ph: 1-870-203-9939 www.tralaneng.com

Project Name and Location: Southwest Valley Lot Grading Project
800 Southwest Drive, Jonesboro, AR 72401

Property Parcel Number (Optional):

Operator Name and Address: Southwest Valley, LLC
2200 West Washington, Jonesboro, AR 72401

A. Site Description

- a. Project description, intended use after NOI is filed:
Lot Fill
- b. Sequence of major activities which disturb soils:
Site Stripping, excavation of fill, finish grading, ending with final stabilization
- c. Total Area: 3.54 Disturbed Area: 3.54

B. Responsible Parties

Individual/Company	Phone Number	Service Provided for SWPPP (i.e., Inspector, SWPPP revisions, Stabilization Activities, BMP Maintenance, etc.)
Phillip Barr	870-351-5505	SWPPP Inspector SWPPP Revisions Stabilization Activities BMP Maintenance

C. Receiving Waters

- a. The following waterbody (or waterbodies) receives stormwater from this construction site: COJ MS4, thence into Higginbottom Creek, thence in to Viney Slough, and ultimately discharging into the St. Francis River
- b. Is the project located within the jurisdiction of an MS4? ☒ Yes ☐ No
 - i. If yes, Name of MS4: City of Jonesboro
- c. Ultimate Receiving Water:

☐ Red River
☐ Ouachita River
☐ Arkansas River

☐ White River
☒ St. Francis River
☐ Mississippi River

D. Site Map Requirements (Attach Site Map):

- a. Pre-construction topographic view;
- b. Direction of stormwater flow (i.e., use arrows to show which direction stormwater will flow) and approximate slopes anticipated after grading activities;
- c. Delineate on the site map areas of soil disturbance and areas that will not be disturbed under the coverage of this permit;
- d. Location of major structural and nonstructural controls identified in the plan;
- e. Location of main construction entrance and exit;
- f. Location where stabilization practices are expected to occur;
- g. Locations of off-site materials, waste, borrow area, or equipment storage area;
- h. Location of areas used for concrete wash-out;
- i. Location of all surface water bodies (including wetlands);
- j. Locations where stormwater is discharged to a surface water and/or municipal separate storm sewer system if applicable,
- k. Locations where stormwater is discharged off-site (should be continuously updated);
- l. Areas where final stabilization has been accomplished and no further construction phase permit requirements apply.

E. Stormwater Controls

- a. Initial Site Stabilization, Erosion and Sediment Controls, and Best Management Practices:
 - i. Initial Site Stabilization:
Site will initially be stabilized with the use of perimeter silt fencing and other BMPs if needed.
 - ii. Erosion and Sediment Controls:
Perimeter Silt Fence, Inlet Traps, and Aggregate Base Construction Entrance
 - iii. If periodic inspections or other information indicates a control has been used inappropriately or incorrectly, the operator will replace or modify the control for site situations: ☒Yes ☐No
If No, explain:
 - iv. Off-site accumulations of sediment will be removed at a frequency sufficient to minimize off-site impacts: ☒Yes ☐No
If No, explain:
 - v. Sediment will be removed from sediment traps or sedimentation ponds when design capacity has been reduced by 50%: ☒Yes ☐No
If No, explain:
 - vi. Litter, construction debris, and construction chemicals exposed to stormwater shall be prevented from becoming a pollutant source for stormwater discharges: ☒Yes ☐No
If No, explain:

- vii. Off-site material storage areas used solely by the permitted project are being covered by this SWPPP: ☐Yes ☒No

If Yes, explain additional BMPs implemented at off-site material storage area:

b. Stabilization Practices

- i. Description and Schedule:

Perimeter Silt Fencing and inlet traps will be installed before the commencement of any construction activity. After all earth is moved and grading, the site will be seeded immediately.

- ii. Are buffer areas required? ☐Yes ☒No

If Yes, are buffer areas being used? ☐Yes ☐No

If No, explain why not:

If Yes, describe natural buffer areas:

- iii. A record of the dates when grading activities occur, when construction activities temporarily or permanently cease on a portion of the site, and when stabilization measures are initiated shall be included with the plan.

☒Yes ☐No

If No, explain:

- iv. Deadlines for stabilization: Stabilization procedures will be initiated fourteen days after construction activity temporarily ceases on a portion of the site.

c. Structural Practices

- i. Describe any structural practices to divert flows from exposed soils, store flows, or otherwise limit runoff and the discharge of pollutants from exposed areas of the site: A rip-rap check dam will be constructed at the point of the concentrated discharge.

- ii. Sediment Basins:

Are 10 or more acres draining to a common point? ☐Yes ☒No

Is a sediment basin included in the project? ☐Yes ☒No

If Yes, what is the designed capacity for the storage?

☐3600 cubic feet per acre =

or

☐10 year, 24 hour storm =

☐ Other criteria were used to design basin:

If No, explain why no sedimentation basin was included and describe required natural buffer areas and other controls implemented instead:

N/A

- iii. Describe Velocity Dissipation Devices: A rip-rap apron will be constructed at all concentrated flows.

F. Other Controls

- a. Solid materials, including building materials, shall be prevented from being discharged to Waters of the State: ☒ Yes ☐ No
- b. Off-site vehicle tracking of sediments and the generation of dust shall be minimized through the use of:
- ☒ A stabilized construction entrance and exit
 - ☐ Vehicle tire washing
 - ☐ Other controls, describe:
- c. Temporary Sanitary Facilities: Yes
- d. Concrete Waste Area Provided:
- ☒ Yes
 - ☐ No. Concrete is used on the site, but no concrete washout is provided.
Explain why:
☐ N/A, no concrete will be used with this project
- e. Fuel Storage Areas, Hazardous Waste Storage, and Truck Wash Areas: N/A

G. Non-Stormwater Discharges

- a. The following allowable non-stormwater discharges comingled with stormwater are present or anticipated at the site:
- ☐ Fire-fighting activities;
 - ☐ Fire hydrant flushings;
 - ☐ Water used to wash vehicles (where detergents or other chemicals are not used) or control dust in accordance with Part II.A.4.H.2;
 - ☐ Potable water sources including uncontaminated waterline flushings;
 - ☒ Landscape Irrigation;
 - ☒ Routine external building wash down which does not use detergents or other chemicals;
 - ☐ Pavement wash waters where spills or leaks of toxic or hazardous materials have not occurred (unless all spilled materials have been removed) and where detergents or other chemicals are not used;
 - ☐ Uncontaminated air conditioning, compressor condensate (See Part I.B.12.C of the permit);
 - ☐ Uncontaminated springs, excavation dewatering and groundwater (See Part I.B.12.C of the permit);
 - ☐ Foundation or footing drains where flows are not contaminated with process materials such as solvents (See Part I.B.12.C of the permit);
- b. Describe any controls associated with non-stormwater discharges present at the site:
N/A

- H. Applicable State or Local Programs: The SWPPP will be updated as necessary to reflect any revisions to applicable federal, state, or local requirements that affect the stormwater controls implemented at the site. ☒Yes ☐No

I. Inspections

- a. Inspection frequency:

☒Every 7 calendar days

or

☐At least once every 14 calendar days and within 24 hours of the end of a storm even 0.5 inches or greater (a rain gauge must be maintained on-site)

- b. Inspections:

Completed inspection forms will be kept with the SWPPP.

☒ADEQ's inspection form will be used (See Appendix A)

or

☐A form other than ADEQ's inspection form will be used and is attached (See inspection form requirements Part II.A.4.L.2)

- c. Inspection records will be retained as part of the SWPPP for at least three years from the date of termination.

- d. It is understood that the following sections describe waivers of site inspection requirements. All applicable documentation requirements will be followed in accordance with the referenced sections.

i. Winter Conditions (Part II.A.4.L.3)

ii. Adverse Weather Conditions (Part II.A.4.L.4)

J. Maintenance:

The following procedures to maintain vegetation, erosion and sediment control measures and other protective measures in good, effective operating condition will be followed:

Inspections will take place every seven days and if any maintenance activities are needed such as BMP repair or seeding of bare soil, representatives of the owner, will correct all deficiencies until the permit is closed.

Any necessary repairs will be completed, when practicable, before the next storm event, but not to exceed a period of 3 business days of discovery, or as otherwise directed by state or local officials.

K. Employee Training:

The following is a description of the training plan for personnel (including contractors and subcontractors) on this project: Prior to site construction representatives from Owner, will hold a meeting to discuss the construction techniques, implementation, maintenance, and repair of all site BMPS. Only qualified personnel will be in charge of implementing, constructing, maintaining, and inspecting any measure of this SWPPP.

****Note,** Formal training classes given by Universities or other third-party organizations are not required, but recommended for qualified trainers; the permittee is responsible for the content of the training being adequate for personnel to implement the requirements of the permit.

Certification

"I certify under penalty of law that this document and all attachments such as Inspection Form were prepared under my direction or supervision in accordance with a system designed to ensure that qualified personnel properly gather and evaluate 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."

Signature of Responsible or Cognizant Official: _____

Title: President

Date: 09/12/2019

Inspector Name: _____

Date of Inspection: _____

Inspector Title: _____

Date of Rainfall: _____

Duration of Rainfall: _____

Days Since Last Rain Event: _____ days

Rainfall Since Last Rain Event: _____ inches

Description of any Discharges During Inspection: _____

Location of Discharges of Sediment/Other Pollutant (specify pollutant & location): _____

Locations in Need of Additional BMPs: _____

Information on Location of Construction Activities

Location	Activity Begin Date	Activity Occuring Now (y/n)?	Activity Ceased Date	Stabilization Initiated Date	Stabilization Complete Date

Information on BMPs in Need of Maintenance

Location	In Working Order?	Maintenance Scheduled Date	Maintenance Completed Date	Maintenance to be Performed By

Changes required to the SWPPP: _____

Reasons for changes: _____

SWPPP changes completed (date): _____

"I certify under penalty of law that this document and all attachments such as Inspection Form were prepared under my direction or supervision in accordance with a system designed to ensure that qualified personnel properly gather and evaluate 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."

Signature of Responsible or Cognizant Official: _____ Date: _____

Title: _____