

Stormwater Pollution Prevention Plan (SWPPP) for Construction Activity
for Small Construction Sites

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

Prepared for:
Valley View Storage, LLC

Date:
September 14, 2016

Prepared by:
McAlister Engineering



Project Name and Location: 5925 Southwest Drive Jonesboro AR, 72404

Property Parcel Number (Optional): 01-133033-01210

Operator Name and Address: Jason Marshall 1233 CR 759, Jonesboro, AR 72401

A. Site Description

- a. Project description, intended use after NOI is filed: Mini storage
- b. Sequence of major activities which disturb soils: Clearing of lot, Grading, Construction of Parking Lot and Building, Landscaping, Stabilization
- c. Total Area: 3.63 acres Disturbed Area: 3.63 acres

B. Responsible Parties

| Individual/Company | Phone Number | Service Provided for SWPPP (i.e., Inspector, SWPPP revisions, Stabilization Activities, BMP Maintenance, etc.) |
|--------------------|--------------|--|
| Jason Marshall | 870-243-2119 | Responsible for all |
| | | |
| | | |
| | | |
| | | |

C. Receiving Waters

- a. The following waterbody (or waterbodies) receives stormwater from this construction site: Hwy 49 S Road Side Ditch, Black Fork Ditch, Whistle Creek, Main Creek Ditch, Bayou DeView, Cache River, White River
- b. Is the project located within the jurisdiction of an MS4? ☐ Yes ☒ No
- c. If yes, Name of MS4:
- d. 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: Silt fence and sandbag check dams shall be installed as necessary to reduce or eliminate the runoff from the site to the water of the state or municipal storm sewer.
- ii. Erosion and Sediment Controls: Silt fence and sandbag check dams shall be installed as necessary to reduce or eliminate the runoff from the site to the water of the state or municipal storm sewer.
- 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: Permanent stabilization will be done immediately after the final design grades are achieved but no later than 14 days after construction ceases.

- 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 14 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: Temporary rumble strips will be placed as necessary to prevent tracking onto public streets.

- 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: Not required

iii. Describe Velocity Dissipation Devices: _____

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: Temporary Rumble Strips

c. Temporary Sanitary Facilities: Sanitary facilities may be provided by WR Contractors

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: Fueling and maintenance of all equipment will be done offsite. No hazardous materials shall be stored on site.

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: _____

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 B)

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 3 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: All excess sediment shall be removed as needed and all failed measures shall be replaced immediately upon discovery.

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: Educate all parties of the contents of this SWPPP and ensure that all involved understand their responsibilities and strive to maintain all BMPs

****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, Valley View Storage, LLC

Date: 9/14/16

ARR150000 Inspection Form

Appendix A

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 Occurring 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: _____