

Stormwater Pollution Prevention Plan (SWPPP)
Small Construction Site

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

Prepared for:

Southern Properties of Arkansas

Howard Hill Subdivision

Formerly 716 North Patrick Street

(new addresses not yet assigned)

Jonesboro, AR 72401

Date: May 20, 2019

Prepared by:

Civilogic, Inc.

203 Southwest Drive

Jonesboro, AR 72401

(870) 932-7880

File Number: 118154



Project Name & Location: Howard Hill Subdivision, 716 North Patrick Street, (new addresses not yet assigned), Jonesboro, AR 72401

Operator Name & Address: Southern Properties of Arkansas, 336 CR 428, Jonesboro, AR 72404

A. Site Description

- a. Project description, intended use after NOI is filed:

Three new single-family homes.

- b. Sequence of major activities which disturb soils:

Installation of soil and erosion controls

Site Grading

Building Construction

Driveway Installation

Site Stabilization

- c. Total Area: 2.04 Disturbed Area: 1.29

B. Responsible Parties

Individual/Company	Phone Number	Service Provided for SWPPP (i.e., Inspector, SWPPP revisions, Stabilization Activities, BMP Maintenance, etc.)
Southern Properties of Arkansas	(870) 974-2476	Owner / Builder
Click here to enter text.	Click here to enter text.	Click here to enter text.
Click here to enter text.	Click here to enter text.	Click here to enter text.
Click here to enter text.	Click here to enter text.	Click here to enter text.

C. Receiving Waters

- a. The following waterbody (or waterbodies) receives stormwater from this construction site: St. Francis River

- b. Is the project located within the jurisdiction of an MS4? ☒ Yes ☐ No

i. If yes, Name of MS4: Jonesboro, AR

- c. Ultimate Receiving Water:

☐ Red River

☐ White River

☐ Ouachita River

☒ St. Francis River

☐ Arkansas 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:
Construction Entrance; Silt Fencing
- ii. Erosion and Sediment Controls:
Construction Entrance; Silt Fencing
- 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: X ☐ Yes ☐ No
If No, explain: [Click here to enter text.](#)
- iv. Off-site accumulations of sediment will be removed at a frequency sufficient to minimize off-site impacts: X ☐ Yes ☐ No
If No, explain: [Click here to enter text.](#)
- v. Sediment will be removed from sediment traps or sedimentation ponds when design capacity has been reduced by 50%: X ☐ Yes ☐ No
If No, explain: [Click here to enter text.](#)

- 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: [Click here to enter text.](#)

- 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: [Click here to enter text.](#)

b. Stabilization Practices

- i. Description and Schedule:

Silt fencing prior to land disturbing activities.

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

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

If No, explain why not: None required.

If Yes, describe natural buffer areas: [Click here to enter text.](#)

- 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 inspection reports.

- iv. ☒ Yes ☐ No

If No, explain: [Click here to enter text.](#)

- v. 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: New curb and gutter on site will provide diversion to the natural flow on the site, which will be directed downstream to the detention pond.

- 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 = [Click here to enter text.](#)

- ☐ Other criteria were used to design basin: The standards and specifications of the City of Jonesboro have been followed.

If No, explain why no sedimentation basin was included and describe required natural buffer areas and other controls implemented instead: The standards and specifications of the City of Jonesboro have been followed.

iii. Describe Velocity Dissipation Devices: None required.

F. Other Controls

- a. No solid materials, including building materials, shall be 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: Street cleaning when appropriate.
- c. Temporary Sanitary Facilities: There is a location for a portable toilet shown on the plans.
- d. Concrete Waste Area Provided:
- ☒ Yes Location shown on the Soil and Erosion Control Plan.
 - ☐ No. Concrete is used on the site, but no concrete washout is provided.
Explain why: [Click here to enter text.](#)
 - ☐ N/A, no concrete will be used with this project
- e. Fuel Storage Areas, Hazardous Waste Storage, and Truck Wash Areas: There is no fuel storage nor hazardous waste proposed on this 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;
 - X ☐ Uncontaminated air conditioning, compressor condensate (See Part I.B.12.C of the permit);,
 - X ☐ 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: [Click here to enter text.](#)
- 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. X ☐ Yes ☐ No
- I. Inspections
- a. Inspection frequency:
 - X ☐ 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.
 - X ☐ 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: Irrigation, and maintenance of landscaping after installation. [Click here to enter text.](#)

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: Civilogic will make the owner/operator aware that this plan is to be enforced, and will encourage the owner/operator to convey to all contractors and subcontractors that this plan shall be followed.

****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: _____
Jackson Innovations

Title: Contractor

Date: _____

Inspector Name: _____ Date of Inspection: _____

Inspector Title: _____

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: _____

The BMPs listed here should be considered for every project. Those BMPs that are not included in the SWPPP should be checked as "Not Used" with a brief statement describing why it is not being used.

EROSION CONTROL BMPs				
BMP	BMP Considered for project	BMP Used	BMP Not Used	If not used, state reason
EC-1 Scheduling	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Click here to enter text.
EC-2 Preservation of Existing Vegetation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Click here to enter text.
EC-3 Hydraulic Mulch	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Click here to enter text.
EC-4 Hydroseeding	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Click here to enter text.
EC-5 Soil Binders	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Click here to enter text.
EC-6 Straw Mulch	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Click here to enter text.
EC-7 Geotextiles & Mats	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Click here to enter text.
EC-8 Wood Mulching	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Click here to enter text.
EC-9 Earth Dikes & Drainage Swales	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Click here to enter text.
EC-10 Velocity Dissipation Devices	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Click here to enter text.
EC-11 Slope Drains	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Click here to enter text.
EC-12 Stream bank Stabilization	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Click here to enter text.
SEDIMENT CONTROL BMPs				
BMP	BMP Considered for project	BMP Used	BMP Not Used	If not used, state reason
SE-1 Silt Fence	X <input type="checkbox"/>	X <input type="checkbox"/>	<input type="checkbox"/>	Click here to enter text.
SE-2 Sediment Basin	X <input type="checkbox"/>	<input type="checkbox"/>	X <input type="checkbox"/>	Not Required
SE-3 Sediment Trap	X <input type="checkbox"/>	<input type="checkbox"/>	X <input type="checkbox"/>	Not Required
SE-4 Check Dam	X <input type="checkbox"/>	<input type="checkbox"/>	X <input type="checkbox"/>	N/A
SE-5 Fiber Rolls	X <input type="checkbox"/>	<input type="checkbox"/>	X <input type="checkbox"/>	May be used as construction progresses.
SE-6 Gravel Bag Berm	X <input type="checkbox"/>	<input type="checkbox"/>	X <input type="checkbox"/>	May be used as construction progresses.
SE-7 Street Sweeping and Vacuuming	X <input type="checkbox"/>	X <input type="checkbox"/>	<input type="checkbox"/>	Click here to enter text.
SE-8 Sand Bag Barrier	X <input type="checkbox"/>	<input type="checkbox"/>	X <input type="checkbox"/>	N/A
SE-9 Straw Bale Barrier	X <input type="checkbox"/>	<input type="checkbox"/>	X <input type="checkbox"/>	N/A
SE-10 Storm Drain Inlet Protection	X <input type="checkbox"/>	<input type="checkbox"/>	X <input type="checkbox"/>	N/A
SE-11 Chemical Treatment	X <input type="checkbox"/>	<input type="checkbox"/>	X <input type="checkbox"/>	N/A
WIND EROSION CONTROL BMPs				
BMP	BMP Considered for project	BMP Used	BMP Not Used	If not used, state reason
WE-1 Wind Erosion Control	X <input type="checkbox"/>	<input type="checkbox"/>	X <input type="checkbox"/>	N/A

TRACKING CONTROL BMPs				
BMP	BMP Considered for project	BMP Used	BMP Not Used	If not used, state reason
TR-1 Stabilized Construction Entrance/Exit	X <input type="checkbox"/>	<input type="checkbox"/>	X <input type="checkbox"/>	Existing parking lot.
TR-2 Stabilized Construction Roadway	X <input type="checkbox"/>	<input type="checkbox"/>	X <input type="checkbox"/>	Parking lot only – no streets
TR-3 Entrance/Outlet Tire Wash	X <input type="checkbox"/>	<input type="checkbox"/>	X <input type="checkbox"/>	N/A
NON-STORM WATER MANAGEMENT BMPs				
BMP	BMP Considered for project	BMP Used	BMP Not Used	If not used, state reason
NS-1 Water Conservation Practices	X <input type="checkbox"/>	<input type="checkbox"/>	X <input type="checkbox"/>	N/A
NS-2 Dewatering Operations	X <input type="checkbox"/>	<input type="checkbox"/>	X <input type="checkbox"/>	N/A
NS-3 Paving and Grinding Operations	X <input type="checkbox"/>	X <input type="checkbox"/>	<input type="checkbox"/>	Click here to enter text.
NS-4 Temporary Stream Crossing	X <input type="checkbox"/>	<input type="checkbox"/>	X <input type="checkbox"/>	N/A
NS-5 Clear Water Diversion	X <input type="checkbox"/>	<input type="checkbox"/>	X <input type="checkbox"/>	N/A
NS-6 Illicit Connection/ Discharge	X <input type="checkbox"/>	<input type="checkbox"/>	X <input type="checkbox"/>	N/A
NS-7 Potable Water/Irrigation	X <input type="checkbox"/>	<input type="checkbox"/>	X <input type="checkbox"/>	N/A
NS-8 Vehicle and Equipment Cleaning	X <input type="checkbox"/>	<input type="checkbox"/>	X <input type="checkbox"/>	N/A
NS-9 Vehicle and Equipment Fueling	X <input type="checkbox"/>	<input type="checkbox"/>	X <input type="checkbox"/>	N/A
NS-10 Vehicle and Equipment Maintenance	X <input type="checkbox"/>	<input type="checkbox"/>	X <input type="checkbox"/>	N/A
NS-11 Pile Driving Operations	X <input type="checkbox"/>	<input type="checkbox"/>	X <input type="checkbox"/>	N/A
NS-12 Concrete Curing	X <input type="checkbox"/>	X <input type="checkbox"/>	<input type="checkbox"/>	Click here to enter text.
NS-13 Concrete Finishing	X <input type="checkbox"/>	X <input type="checkbox"/>	<input type="checkbox"/>	Click here to enter text.
NS-14 Material and Equipment Use Over Water	X <input type="checkbox"/>	<input type="checkbox"/>	X <input type="checkbox"/>	N/A
NS-15 Demolition Adjacent to Water	X <input type="checkbox"/>	<input type="checkbox"/>	X <input type="checkbox"/>	N/A
NS-16 Temporary Batch Plants	X <input type="checkbox"/>	<input type="checkbox"/>	X <input type="checkbox"/>	N/A
WASTE MANAGEMENT AND MATERIALS POLLUTION CONTROL BMPs				
BMP	BMP Considered for project	BMP Used	BMP Not Used	If not used, state reason
WM-1 Material Delivery and Storage	X <input type="checkbox"/>	<input type="checkbox"/>	X <input type="checkbox"/>	N/A
WM-2 Material Use	X <input type="checkbox"/>	<input type="checkbox"/>	X <input type="checkbox"/>	N/A
WM-3 Stockpile Management	X <input type="checkbox"/>	<input type="checkbox"/>	X <input type="checkbox"/>	N/A
WM-4 Spill Prevention and Control	X <input type="checkbox"/>	<input type="checkbox"/>	X <input type="checkbox"/>	N/A
WM-5 Solid Waste Management	X <input type="checkbox"/>	X <input type="checkbox"/>	<input type="checkbox"/>	Dumpster to be provided.
WM-6 Hazardous Waste Management	X <input type="checkbox"/>	<input type="checkbox"/>	X <input type="checkbox"/>	N/A
WM-7 Contaminated Soil Management	X <input type="checkbox"/>	<input type="checkbox"/>	X <input type="checkbox"/>	N/A
WM-8 Concrete Waste Management	X <input type="checkbox"/>	X <input type="checkbox"/>	<input type="checkbox"/>	Wash-out area to be provided
WM-9 Sanitary/Septic Waste Management	X <input type="checkbox"/>	X <input type="checkbox"/>	<input type="checkbox"/>	Portable toilet to be provided
WM-10 Liquid Waste Management	X <input type="checkbox"/>	X <input type="checkbox"/>	<input type="checkbox"/>	Portable toilet to be provided