

Stormwater Pollution Prevention Plan (SWPPP)
Small Construction Site
National Pollutant Discharge Elimination System (NPDES)
General Permit # ARR150000

Prepared for:

G Enterprises, LLC

1110 Belt Street

Jonesboro, AR 72401

Date: August 17, 2016

Prepared by:

Civilogic, Inc.

203 Southwest Drive

Jonesboro, AR 72401

(870) 932-7880

File Number: 115090



Project Name & Location: G Enterprises, LLC, 1110 Belt Street, Jonesboro, AR 72401 [Click here to enter text.](#)

- a. Project description, intended use after NOI is filed:
New duplex development.
- b. Sequence of major activities which disturb soils:
Installation of soil and erosion controls
Site Development
Building Construction
Site work completion
Stabilization
- c. Total Area: 1.05 Disturbed Area: 1.05

B. Responsible Parties

Individual/Company	Phone Number	Service Provided for SWPPP (i.e., Inspector, SWPPP revisions, Stabilization Activities, BMP Maintenance, etc.)
G Enterprises, LLC	(870) 930-7695	Owner
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:

<input type="checkbox"/> Red River	<input type="checkbox"/> White River
<input type="checkbox"/> Ouachita River	<input checked="" type="checkbox"/> St. Francis River
<input type="checkbox"/> Arkansas River	<input type="checkbox"/> 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 and Silt Fence
 - ii. Erosion and Sediment Controls:
Construction Entrance and Silt Fence
 - 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: X 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:

Construction entrance and silt fence 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 plan. Yes No

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

- 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: Slight grade revisions on site will provide diversion to the natural flow on the site, which will be directed downstream through a 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 = No specific sediment basin is planned, though the post developed flow is to be controlled by means of an underground detention pond, which will serve as a temporary sediment basin.

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 were utilized in

the determination of the volume of the detention pond, which will also serve as a temporary sediment trap during construction. No further storm water management is necessary.

If No, explain why no sedimentation basin was included and describe required natural buffer areas and other controls implemented instead: [Click here to enter text.](#)

iii. Describe Velocity Dissipation Devices: None necessary.

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: _____
G Enterprises, LLC (Owner)

Date: _____

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"/>	Not practical application
SE-2 Sediment Basin	X <input type="checkbox"/>	X <input type="checkbox"/>	<input type="checkbox"/>	Detention Box
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	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Existing driveway
TR-2 Stabilized Construction Roadway	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Parking lot only – no streets
TR-3 Entrance/Outlet Tire Wash	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	N/A
NS-2 Dewatering Operations	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	N/A
NS-3 Paving and Grinding Operations	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Click here to enter text.
NS-4 Temporary Stream Crossing	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	N/A
NS-5 Clear Water Diversion	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	N/A
NS-6 Illicit Connection/ Discharge	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	N/A
NS-7 Potable Water/Irrigation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	N/A
NS-8 Vehicle and Equipment Cleaning	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	N/A
NS-9 Vehicle and Equipment Fueling	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	N/A
NS-10 Vehicle and Equipment Maintenance	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	N/A
NS-11 Pile Driving Operations	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	N/A
NS-12 Concrete Curing	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Click here to enter text.
NS-13 Concrete Finishing	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Click here to enter text.
NS-14 Material and Equipment Use Over Water	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	N/A
NS-15 Demolition Adjacent to Water	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	N/A
NS-16 Temporary Batch Plants	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	N/A
WM-2 Material Use	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	N/A
WM-3 Stockpile Management	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	N/A
WM-4 Spill Prevention and Control	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	N/A
WM-5 Solid Waste Management	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Dumpster to be provided.
WM-6 Hazardous Waste Management	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	N/A
WM-7 Contaminated Soil Management	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	N/A
WM-8 Concrete Waste Management	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Wash-out area to be provided
WM-9 Sanitary/Septic Waste Management	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Portable toilet to be provided
WM-10 Liquid Waste Management	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Portable toilet to be provided