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

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

Prepared for:

Collective Church 3230 Market Place Ave, Suite 2 Bryant, AR 72022

Date:

April 2025

Prepared by:

Richardson Engineering, PLLC 325 W South Street Benton, AR 72015 Project Name and Location: <u>Collective Church Lot 4 Marketplace East Subdivision Phase 1, along Progress Way rd in</u> <u>Bryant, AR 72022.</u>

Property Parcel Number (Optional):840-12216-016

Operator Name and Address: Collective Church 3230 Market Place Ave Bryant, AR 72022

- A. Site Description
 - a. Project description, intended use after NOI is filed: Proposed church building.
 - b. Sequence of major activities which disturb soils: <u>Install silt fencing, establish subgrade</u> <u>elevations, stie drainage structures and piping, parking facilities, curb/gutter, utilities, and</u> <u>landscaping. Monitor disturbed areas while vegetation and stabilization is taking place.</u>
 - c. Total Area: 3.49 acres Disturbed Area: 3.49 acres
- B. Responsible Parties

Be sure to assign all SWPPP related activities to an individual or position; even if the specific individual is not yet known (i.e. contractor has not been chosen).

Individual/Company	Phone Number	Service Provided for SWPPP (i.e., Inspector, SWPPP revisions, Stabilization Activities, BMP
		Maintenance, etc.)
Richardson Engineering - Tristin Phillips	501-315-7225	Engineer/Responsible Official
Richardson Engineering	501-315-7225	Engineer/SWPPP
TBD	N/A	Contractor/Install Maintain Erosion Control Measures
TBD	N/A	Inspector/SWPPP

- C. Receiving Waters
 - a. The following waterbody (or waterbodies) receives stormwater from this construction site: <u>Drains southwest to unnamed tributary of Crooked Creek, thence</u> to Crooked Creek, thence into Fourche Creek, thence into Arkansas River
 - b. Is the project located within the jurisdiction of an MS4?
- Yes No
 - i. If yes, Name of MS4: <u>City of Bryant</u>
 - c. Ultimate Receiving Water:
 - Red River Ouachita River Arkansas River

l	White River
[St. Francis River
[Mississippi River

- D. Site Map Requirements (Attach Site Map):
 - a. Pre-construction topographic view;

- 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) with associated natural buffer boundary lines. Identify floodplain and floodway boundaries, if available;
- j. Locations where stormwater is discharged to a surface water and/or municipal separate storm sewer system if applicable,
- Locations where stormwater is discharged off-site (should be continuously updated);
- I. Areas where final stabilization has been accomplished and no further construction phase permit requirements apply;
- m. A legend that identifies any erosion and sediment control measure symbols/labels used in the site map and/or detail sheet; and
- n. Locations of any storm drain inlets on the site and in the immediate vicinity of the site.
- E. Stormwater Controls
 - a. Initial Site Stabilization, Erosion and Sediment Controls, and Best Management Practices:
 - Initial Site Stabilization: <u>Subgrade to be established. Silt fence to be</u> <u>installed to prevent sedimentation and runoff. Drainage to be installed.</u> <u>Utilities to be trenched and covered immediately. Vegetation to be</u> <u>established and soil stabilization closely monitored. After vegetation is</u> <u>established and site is stabilized, NOT to be submitted for approval.</u>
 - Erosion and Sediment Controls: <u>Construction Entrance/Exit, Silt Fence,</u> <u>curb inlet sediment barriers, seeding, additional efforts to stabilize</u> <u>disturbed areas where needed, i.e. filter socks, straw wattles, erosion</u> <u>control matting.</u>
 - 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

Stormwater Pollution Pr ARR150000	revention Plan for Construction Activity	Page 3
	If No, explain:	
v.	Sediment will be removed from sediment traps or sedimentation pol	nds
	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	r
	stormwater discharges: Yes No	
	If No, explain:	
vii.	Off-site material storage areas used solely by the permitted project a being covered by this SWPPP: Yes No	are
	If Yes, explain additional BMPs implemented at off-site mater	rial
	storage area:	
b. Stabiliz	ation Practices	
i.	Description and Schedule:	
	Are buffer areas required? Yes No	
	If Yes, are buffer areas being used? Yes No	
	If No, explain why not: <u>Due to the small size of the site and</u>	
	limited soil disturbance, no buffer areas will be needed.	
	If Yes, describe natural buffer areas:	
iii.	A record of the dates when grading activities occur, when constructi	ion
	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:	
	1. Stabilization procedures will be initiated 14 days after	
	construction activity temporarily ceases on a portion of the si	ite.

- 2. Stabilization procedures will be initiated immediately in portions of the site where construction activities have permanently ceased.
- 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: N/A
 - ii. Describe Velocity Dissipation Devices: Silt fence and curb inlet sediment barriers.

Stormwater Pollution Prevention Plan for Construction Activity Pa ARR150000	age 4
iii. Sediment Basins:	
Are 10 or more acres draining to a common point? Yes	
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: Due to the size of the project and	
topographical constraints, a sediment basin has not been	
incorporated. Other measures will be deployed as needed.	
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: On-site, portable facility.
- 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;
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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.13.C of the permit);

Foundation or footing drains where flows are not contaminated with process materials such as solvents (See Part I.B.13.C of the permit);

- b. Describe any controls associated with non-stormwater discharges present at the site: <u>N/A</u>
- 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 0.25 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.4)
 - ii. Adverse Weather Conditions (Part II.A.4.L.5)
- 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: <u>The SWPPP to be followed</u>, <u>control measures inspected and repaired</u> <u>as required</u>.

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 Stormwater Pollution Prevention Plan for Construction Activity ARR150000

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: <u>Contractors and Subcontractors for</u> <u>this project to be informed of the SWPPP</u>, as well as procedures for the installation <u>and inspection of erosion control measures and performing inspections thereof</u>. **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: _____

Date: _____

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	Activity	Activity	Stabilization	Stabilization
	Begin Date	Occuring	Ceased	Initiated Date	Complete
		Now (y/n)?	Date		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:_____ 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.

Note: Appendix B and C do not have to be submitted with the SWPPP. These attachments are for use during the development of the SWPPP.

	EROSION	CONT	ROL BMP	D _S				
	BMP							
ВМР	Considered for project		BMP	llood	BMP Used	Not	If not used, state reason	
EC-1 Scheduling			DIVIP		Useu			
EC-2 Preservation of Existing Vegetation		<u>]</u>]						
EC-3 Hydraulic Mulch		<u></u>						
•						\square		
EC-4 Hydroseeding EC-5 Soil Binders								
EC-5 Son Binders EC-6 Straw Mulch		<u> </u> 1						
		<u> </u> 						
EC-7 Geotextiles & Mats		<u> </u>						
EC-8 Wood Mulching		<u> </u>				<u> </u>		
EC-9 Earth Dikes & Drainage Swales		<u> </u>			_	<u> </u>		
EC-10 Velocity Dissipation Devices		<u> </u>						
EC-11 Slope Drains		<u> </u>						
EC-12 Stream bank Stabilization								
	SEDIMENT	CONT	ROL BM	Ps	1			
	BMP				DNAD	Nat	If not used state	
вмр	Conside for proj		BMP Used		BMP Not Used		If not used, state reason	
SE-1 Silt Fence		7						
SE-2 Sediment Basin		1						
SE-3 Sediment Trap		1						
SE-4 Check Dam]						
SE-5 Fiber Rolls]						
SE-6 Gravel Bag Berm		1						
SE-7 Street Sweeping and Vacuuming		1						
SE-8 Sand Bag Barrier		1						
SE-9 Straw Bale Barrier		<u></u>						
SE-10 Storm Drain Inlet Protection		<u></u>				\exists		
SE-11 Chemical Treatment		<u></u>				\square		
		<u>ן</u> א כט		SMPs			[
	BMP							
	Conside	ered			BMP	Not	If not used, state	
ВМР		for project		Used	Used		reason	
WE-1 Wind Erosion Control								

TRACKING CONTROL BMPs											
	BMP										
	Considered						BMP Not		t	If not used, state	
ВМР	for p	roje	ect	BMP	Us	ed	l	Used		1	reason
TR-1 Stabilized Construction Entrance/Exit]	_				
TR-2 Stabilized Construction Roadway						<u> </u>					
TR-3 Entrance/Outlet Tire Wash											
NON-STORM WATER MANAGEMENT BMPs											
	BMP							вмр	N		If we to see the total
BMP	Cons for p			BMP	lle	od		Used	NO	τ	If not used, state reason
NS-1 Water Conservation Practices			eci	DIVIP		1	-	Useu			Teason
] 1	-]	
NS-2 Dewatering Operations					-]	-]	
NS-3 Paving and Grinding Operations NS-4 Temporary Stream Crossing]	-]	
NS-5 Clear Water Diversion]	-]	
]]	-]	
NS-6 Illicit Connection/ Discharge]	+]	
NS-7 Potable Water/Irrigation NS-8 Vehicle and Equipment Cleaning]	+		<u> </u>]	
· · · · ·]	-]	
NS-9 Vehicle and Equipment Fueling]	-]	
NS-10 Vehicle and Equipment Maintenance]	-]	
NS-11 Pile Driving Operations] 1	-]	
NS-12 Concrete Curing] 1	-]	
NS-13 Concrete Finishing] 1	_		<u> </u>]	
NS-14 Material and Equipment Use Over Water						1	_]	
NS-15 Demolition Adjacent to Water						1	_]	
NS-16 Temporary Batch Plants WASTE MANAGEMENT			TEDIA		<u> </u>		<u> </u>			MDc	
WASTE MANAGEMENT	BMP				LU			VINC		IVIF 5	
	Cons		red				E	вмр	No	t	If not used, state
ВМР	for p			BMP	Us	ed	ι ι	Used			reason
WM-1 Material Delivery and Storage]	
WM-2 Material Use]]	
WM-3 Stockpile Management]]	
WM-4 Spill Prevention and Control]]	
WM-5 Solid Waste Management]]	
WM-6 Hazardous Waste Management]					
WM-7 Contaminated Soil Management]					
WM-8 Concrete Waste Management]					
WM-9 Sanitary/Septic Waste Management]					
WM-10 Liquid Waste Management]]	

SWPPP Completion Checklist

Yes = Complete

No = Incomplete/Deficient

N/A = Not applicable to project

<u>s No</u>	D N/A	A. A site description, including:	Permit Section
		1. Project description, intended use after NOT	Part II.A.4.A.1
		2. Sequence of major activities	Part II.A.4.A.2
		3. Total & disturbed acreage	Part II.A.4.A.3
		B. Responsible Parties: All parties dealing with the SWPPP and the areas they are	
		responsible for on-site.	Part II.A.4.B
		C. Receiving Water.	Part II.A.4.C
		-MS4 Name	Part II.A.4.C
		-Ultimate Receiving Water	Part II.A.4.C
		D.Site Map See End of Evaluation Form	Part II.A.4.F
	-	E. Description of Controls:	
		1. Erosion and sediment controls, including:	
		a. Initial site stabilization	Part II.A.4.G.1.a
		b. Erosion and sediment controls	Part II.A.4.G.1.b
		c. Replacement of inadequate controls	Part II.A.4.G.1.c
		d. Removal of off-site accumulations	Part II.A.4.G.1.d
		e. Maintenance of sediment traps/basins @ 50% capacity	Part II.A.4.G.1.e
		f. Litter, construction debris and chemicals properly handled	Part II.A.4.G.1.f
		g. Off-site storage areas and controls	Part II.A.4.G.1.g
		2. Stabilization practices:	
		a. Description and schedule for stabilization	Part II.A.4.G.2.a
		b. Description of buffer areas	Part II.A.4.G.2.b
		c. Records of stabilization	Part II.A.4.G.2.c
		d. Deadlines for stabilization	Part II.A.4.G.2.d
		3. Structural Practices:	
		-Describe structural practices to divert flows, store flows, or otherwise limit runoff	Part II.A.4.G.3
		a. Sediment basins	Part II.A.4.G.3.a.1
		-Are more than 10 acres draining to a common point? If so, are sediment basins included?	Part II.A.4.G.3.a.1
		-Sediment basin dimensions and capacity description and calculations	Part II.A.4.G.3.a.1
		-If a basin wasn't practicable, are other controls sufficient?	Part II.A.4.G.3.a.1
		b. Velocity dissipation devices concentrated flow from 2 or more acres	Part II.A.4.G.3.b
		F. Other controls including:	
		1. Solid waste control measures	Part II.A.4.H.1
		2. Vehicle off-site tracking controls	Part II.A.4.H.2
		3. Compliance with sanitary waste disposal	Part II.A.4.H.4
		4. Does the site have a concrete washout area controls?	Part II.A.4.H.5
		5. Does the site have fuel storage areas, hazardous waste storage and/or truck wash areas	
		controls?	Part II.A.4.H.6
		G. Identification of allowable non-storm water discharges	Part II.A.4.I
		-Appropriate controls for dewatering, if present	Part I.B.12.C

SWPPP Completion Checklist

Yes = Complete

No = Incomplete/Deficient

N/A = Not applicable to project

es No	N/A	I. Inspections	Permit Section
		1. Inspection frequency listed?	Part II.A.4.L.1
		2. Inspection form	Part II.A.4.L.2
		Ours.	
		If not ours, does it contain the following items:	
		a. Inspector name and title	Part II.A.4.L.2.a
		b. Date of inspection.	Part II.A.4.L.2.b
		c. Amount of rainfall and days since last rain event (14 day only)	Part II.A.4.L.2.c
		d. Approx beginning and duration of storm event	Part II.A.4.L.2.d
		e. Description of any discharges during inspection	Part II.A.4.L.2.e
		f. Locations of discharges of sediment/other pollutants	Part II.A.4.L.2.f
		g. BMPs in need of maintenance	Part II.A.4.L.2.g
		h. BMPs in working order, if maintenance needed (scheduled and completed)	Part II.A.4.L.2.h
		i. Locations that are in need of additional controls	Part II.A.4.L.2.i
		j. Location and dates when major construction activities begin, occur or cease	Part II.A.4.L.2.j
		k. Signature of responsible/cognizant official	Part II.A.4.L.2.k
		3. Inspection Records	Part II.A.4.L.3
		4. Winter Conditions	Part II.A.4.L.4
		5. Adverse Weather Conditions	Part II.A.4.L.5
		J. Maintenance Procedures	Part II.A.4.M
			I
		K. Employee Training	Part II.A.4.N
	I		ł
		Signed Plan Certification	Part II.A.7. and Par II.B.10
		D. Site Map showing:	
		1. Pre-construction topographic view	Part II.A.4.F.1
		2. Drainage flow	Part II.A.4.F.2
		3. Approximate slopes after grading activities	Part II.A.4.F.2
		4. Areas of soil disturbance and areas not disturbed	Part II.A.4.F.3
		5. Location of major structural and non-structural controls.	Part II.A.4.F.4
		6. Location of main construction entrance and exit.	Part II.A.4.F.5
		7. Areas where stabilization practices are expected to occur.	Part II.A.4.F.6
		8. Locations of off-site materials, waste, borrow area or storage area.	Part II.A.4.F.7
		9. Locations of areas used for concrete wash-out.	Part II.A.4.F.8
		10. Locations of surface waters on site.	Part II.A.4.F.9
		11. Locations where water is discharged to a surface water or MS4.	Part II.A.4.F.10
		12. Storm water discharge locations.	Part II.A.4.F.11
	1		

13. Areas where final stabilization has been accomplished.

Part II.A.4.F.12