

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

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

Prepared for:
TC Pursuit Services, Inc.

Date:
July 8, 2026

Prepared by:
Kimley»Horn

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Kimley-Horn Project No. 064587901

Project Name and Location: Mountain Home Industrial, Mountain Home, Baxter County, Arkansas

Property Parcel Number (Optional): _____

Operator Name and Address: _____

A. Site Description

a. Project description, intended use after NOI is filed: A site development to support the construction of a warehouse around 50,000 square feet with supporting facilities.

b. Sequence of major activities which disturb soils: _____

c. Total Area¹: 14.20 acres Disturbed Area²: 12.48 acres

d. Soils Information:

i. Runoff Coefficient Pre-Construction (See Appendix A) : 1.01

ii. Runoff Coefficient Post-Construction (See Appendix A) : 0.63

iii. Describe the soil or the quality of any discharge from the site: See Appendix E Figure 3

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.)

C. Receiving Waters

a. The following waterbody (or waterbodies) receives stormwater from this construction site: Dodd Creek

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

i. If yes, Name of MS4: The City of Mountain Home

c. Ultimate Receiving Water:

☐ Red River

☒ White River

☐ Ouachita River

☐ St. Francis River

☐ Arkansas River

☐ Mississippi River

¹Increases in total acreage require an additional acreage request, an updated SWPPP and a \$200 modification fee to be submitted to ADEQ.

²Increases in only disturbed acreage require an additional acreage request and an updated SWPPP to be submitted to ADEQ.

D. Documentation of Permit Eligibility Related to the 303(d) list and Total Maximum Daily Loads (TMDL) (<https://www.adeg.state.ar.us/water/planning/>)

a. Does the stormwater enter a waterbody on the 303(d) list or with an approved TMDL? ☒ Yes ☐ No

b. If yes:

- i. Waterbody identified on 303(d) list: Hicks Creek
- ii. Pollutant addressed on 303(d) list or TMDL: E. coli
- iii. This specific project ,or generally construction activity i.e. surface erosion, is identified on 303(d) list or associated assumptions and allocations identified in the TMDL for the discharge: ☐ Yes ☒ No
- iv. Additional controls implemented: _____

E. Attainment of Water Quality Standards After Authorization

- a. The permittee must select, install, implement, and maintain BMPs at the construction site that minimize pollutants in the discharge as necessary to meet applicable water quality standards. In general, except in situations explained below, the SWPPP developed, implemented, and updated to be considered as stringent as necessary to ensure that the discharges do not cause or contribute to an excursion above any applicable water quality standard.
- b. At any time after authorization, the Department may determine that the stormwater discharges may cause, have reasonable potential to cause, or contribute to an excursion above any applicable water quality standard. If such a determination is made, the Department will require the permittee to:
 - i. Develop a supplemental BMP action plan describing SWPPP modifications to address adequately the identified water quality concerns and submit valid and verifiable data and information that are representative of ambient conditions and indicate that the receiving water is attaining water quality standards; or
 - ii. Cease discharges of pollutants from construction activity and submit an individual permit application.

I understand and agree to follow the above text regarding the attainment of water quality standards after authorization. ☒ Yes ☐ No

F. 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) 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,
- 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;
- 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.

G. Stormwater Controls

- a. Initial Site Stabilization, Erosion and Sediment Controls, and Best Management Practices:

- i. Initial Site Stabilization: Contractor to refer to civil erosion control plan and details: vegetative stabilization requirements
- ii. Erosion and Sediment Controls: Stabilized construction entrance/exit, curlex stabilized slope, silt fence and stone overflows, inlet protection, rock check dams, Ph. 1 sediment basin
- 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: No off-site material storage is required at this point to support this project

b. Stabilization Practices

- i. Description and Schedule: Contractor to reference civil erosion control schedule and phasing for a general overview. For final stabilization, refer to landscape plans.

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

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

If Yes, describe natural buffer areas: 25 feet from onsite stream

If No, explain why not: _____

- 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:

1. Stabilization procedures will be initiated 14 days after construction activity temporarily ceases on a portion of the site.
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: Contractor shall install silt fence, stone overflows, inlet protection, drainage swales and rock check dams to limit runoff and runoff, rock riprap outlet protection, and curlex soil retaining blankets

- ii. Describe Velocity Dissipation Devices: Stone overflows and rock check dams shall be used to dissipate the velocity of any concentrated or discharged runoff. Flow restrictive risers and rock rip rap at the outlet

iii. 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 = : $3600 \text{ ft}^3 / \text{acre} * 11.46 \text{ acres} = 0.95 \text{ acre-ft}$

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: _____

H. 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: _____

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: _____

I. 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.13.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: _____

J. Permanent Controls for Post-Construction Stormwater Management:

Describe measures installed during the construction process to control pollutants in stormwater discharges that will occur after construction operations have been completed: Stormwater detention pond and grass swales

K. 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

L. 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)

M. Maintenance:

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

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.

N. Employee Training:

The following is a description of the training plan for personnel (including contractors and subcontractors) on this project: _____

****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: _____

Computation Sheet for Determining Runoff Coefficients

Appendix A

Total Site Area =	<u>14.20</u>	<u>Acres</u>	[A]
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Existing Site Conditions

Impervious Site Area ¹ =	<u>0</u>	<u>Acres</u>	[B]
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Impervious Site Area Runoff Coefficient ^{2, 4} =	<u>0</u>		[C]
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Pervious Site Area ³ =	<u>14.20</u>	<u>Acres</u>	[D]
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Pervious Site Area Runoff Coefficient ⁴ =	<u>C = 0.2</u>		[E]
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Pre-Construction Runoff Coefficient

$$\frac{[B \times C] + [D \times E]}{[A]} = \text{This is your pre-construction runoff coefficient.}$$

Proposed Site Conditions (after construction)

Impervious Site Area ¹ =	<u>+/- 7.7</u>	<u>Acres</u>	[F]
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Impervious Site Area Runoff Coefficient ^{2, 4} =	<u>C = 1.0</u>		[G]
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Pervious Site Area ³ =	<u>+/- 6.7</u>	<u>Acres</u>	[H]
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Pervious Site Area Runoff Coefficient ⁴ =	<u>C = 0.2</u>		[I]
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Post-Construction Runoff Coefficient

$$\frac{[F \times G] + [H \times I]}{[A]} = \text{This is your post-construction runoff coefficient.}$$

1. Includes paved areas, areas covered by buildings, and other impervious surfaces.
2. Use 0.95 unless lower or higher runoff coefficient can be verified.
3. Includes areas of vegetation, most unpaved or uncovered soil surfaces, and other pervious areas.
4. Refer to local Hydrology Manual for typical C values.

Note: The impervious and pervious surfaces should equal the total area.

ARR150000 Inspection Form

Appendix B

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: _____

BMP Consideration Checklist

Appendix C

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

EROSION CONTROL BMPs				
BMP	BMP Considered for project	BMP Used	BMP Not Used	If not used, state reason
EC-1 Scheduling	☒	☐	☐	
EC-2 Preservation of Existing Vegetation	☒	☐	☐	
EC-3 Hydraulic Mulch	☒	☐	☐	
EC-4 Hydroseeding	☒	☐	☐	
EC-5 Soil Binders	☐	☐	☒	Curlex or seeding recommended in lieu
EC-6 Straw Mulch	☐	☐	☒	Curlex or seeding recommended in lieu
EC-7 Geotextiles & Mats	☒	☐	☐	
EC-8 Wood Mulching	☐	☐	☒	Curlex or seeding recommended in lieu
EC-9 Earth Dikes & Drainage Swales	☒	☐	☐	
EC-10 Velocity Dissipation Devices	☒	☐	☐	
EC-11 Slope Drains	☐	☐	☒	Proposed grading does not constitute the incorporation
EC-12 Stream bank Stabilization	☐	☐	☒	proposed disturbed limits do not impact the stream bank
SEDIMENT CONTROL BMPs				
BMP	BMP Considered for project	BMP Used	BMP Not Used	If not used, state reason
SE-1 Silt Fence	☒	☐	☐	
SE-2 Sediment Basin	☒	☐	☐	
SE-3 Sediment Trap	☐	☐	☒	basin required due to drainage area
SE-4 Check Dam	☒	☐	☐	
SE-5 Fiber Rolls	☐	☐	☒	Alternative control measures utilized in lieu of stated bmp
SE-6 Gravel Bag Berm	☐	☐	☒	Alternative control measures utilized in lieu of stated bmp
SE-7 Street Sweeping and Vacuuming	☒	☐	☐	
SE-8 Sand Bag Barrier	☐	☐	☒	Alternative control measures utilized in lieu of stated bmp
SE-9 Straw Bale Barrier	☐	☐	☒	Alternative control measures utilized in lieu of stated bmp
SE-10 Storm Drain Inlet Protection	☒	☐	☐	
SE-11 Chemical Treatment	☐	☐	☒	Alternative control measures utilized in lieu of stated bmp
WIND EROSION CONTROL BMPs				
BMP	BMP Considered for project	BMP Used	BMP Not Used	If not used, state reason
WE-1 Wind Erosion Control	☒	☐	☐	

BMP Consideration Checklist

Appendix C

TRACKING CONTROL BMPs				
BMP	BMP Considered for project	BMP Used	BMP Not Used	If not used, state reason
TR-1 Stabilized Construction Entrance/Exit	☒	☐	☐	
TR-2 Stabilized Construction Roadway	☐	☐	☒	Not justified for site layout
TR-3 Entrance/Outlet Tire Wash	☐	☐	☐	
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	☐	☐	☐	
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	☐	☐	☐	
NS-9 Vehicle and Equipment Fueling	☐	☐	☐	
NS-10 Vehicle and Equipment Maintenance	☐	☐	☐	
NS-11 Pile Driving Operations	☐	☐	☐	
NS-12 Concrete Curing	☐	☐	☐	
NS-13 Concrete Finishing	☐	☐	☐	
NS-14 Material and Equipment Use Over Water	☐	☐	☐	
NS-15 Demolition Adjacent to Water	☐	☐	☐	
NS-16 Temporary Batch Plants	☐	☐	☐	
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	☐	☐	☐	
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

Appendix D

Yes = Complete

No = Incomplete/Deficient

N/A = Not applicable to project

Yes	No	N/A		Permit Section Citation
			A. A site description, including:	
			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
			4. Pre- and post-construction runoff coefficient OR soil/discharge data	Part II.A.4.A.4
			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. Documentation of permit eligibility related to Impaired Water Bodies and Total Maximum Daily Loads (TMDLs)	
			1. Identify pollutant on 303(d) list or TMDL	Part II.A.4.D.1
			2. Is construction activity or the specific site listed as cause?	Part II.A.4.D.2
			3. Measures taken to reduce pollutants from the site.	Part II.A.4.D.3
			E. Attainment of Water Quality Standards After Authorization.	Part II.A.4.E
			F. Site Map --- See End of Evaluation Form	Part II.A.4.F
			G. 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
			H. 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

SWPPP Completion Checklist

Appendix D

Yes No N/A

I. Identification of allowable non-storm water discharges
-Appropriate controls for dewatering, if present

J. Post construction stormwater management.

K. State or local requirements incorporated into the plan.

L. Inspections

1. Inspection frequency listed?

2. Inspection form

Ours.

If not ours, does it contain the following items:

a. Inspector name and title

b. Date of inspection.

c. Amount of rainfall and days since last rain event (14 day only)

d. Approx beginning and duration of storm event

e. Description of any discharges during inspection

f. Locations of discharges of sediment/other pollutants

g. BMPs in need of maintenance

h. BMPs in working order, if maintenance needed (scheduled and completed)

i. Locations that are in need of additional controls

j. Location and dates when major construction activities begin, occur or cease

k. Signature of responsible/cognizant official

3. Inspection Records

4. Winter Conditions

5. Adverse Weather Conditions

M. Maintenance Procedures

N. Employee Training

Signed Plan Certification

F. Site Map showing:

1. Pre-construction topographic view

2. Drainage flow

3. Approximate slopes after grading activities

4. Areas of soil disturbance and areas not disturbed

5. Location of major structural and non-structural controls.

6. Location of main construction entrance and exit.

7. Areas where stabilization practices are expected to occur.

8. Locations of off-site materials, waste, borrow area or storage area.

9. Locations of areas used for concrete wash-out.

10. Locations of surface waters on site.

11. Locations where water is discharged to a surface water or MS4.

12. Storm water discharge locations.

13. Areas where final stabilization has been accomplished.

14. Legend for symbols/labels used

15. Location of storm drain inlets on site or in immediate vicinity

Permit Section Citation

Part II.A.4.I

Part I.B.12.C

Part II.A.4.J

Part II.A.4.K

Part II.A.4.L.1

Part II.A.4.L.2

Part II.A.4.L.2.a

Part II.A.4.L.2.b

Part II.A.4.L.2.c

Part II.A.4.L.2.d

Part II.A.4.L.2.e

Part II.A.4.L.2.f

Part II.A.4.L.2.g

Part II.A.4.L.2.h

Part II.A.4.L.2.i

Part II.A.4.L.2.j

Part II.A.4.L.2.k

Part II.A.4.L.3

Part II.A.4.L.4

Part II.A.4.L.5

Part II.A.4.M

Part II.A.4.N

Part II.A.5. and Part II.B.10

Part II.A.4.F.1

Part II.A.4.F.2

Part II.A.4.F.2

Part II.A.4.F.3

Part II.A.4.F.4

Part II.A.4.F.5

Part II.A.4.F.6

Part II.A.4.F.7

Part II.A.4.F.8

Part II.A.4.F.9

Part II.A.4.F.10

Part II.A.4.F.11

Part II.A.4.F.12

Part II.A.4.F.13

Part II.A.4.F.14

Appendix A

Computation Sheet for Determining Runoff Coefficients

Computation Sheet for Determining Runoff Coefficients

Appendix A

Total Site Area =	14.20	Acres	[A]
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Existing Site Conditions

Impervious Site Area ¹ =		Acres	[B]
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Impervious Site Area Runoff Coefficient ^{2, 4} =			[C]
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Pervious Site Area ³ =	14.20	Acres	[D]
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Pervious Site Area Runoff Coefficient ⁴ =	C = 0.2		[E]
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Pre-Construction Runoff Coefficient

$$\frac{[B \times C] + [D \times E]}{[A]} = \text{This is your pre-construction runoff coefficient.}$$

Proposed Site Conditions (after construction)

Impervious Site Area ¹ =	+/- 7.7	Acres	[F]
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Impervious Site Area Runoff Coefficient ^{2, 4} =	C = 1.0		[G]
---	---------	--	-----

Pervious Site Area ³ =	+/- 6.7	Acres	[H]
-----------------------------------	---------	-------	-----

Pervious Site Area Runoff Coefficient ⁴ =	C = 0.2		[I]
--	---------	--	-----

Post-Construction Runoff Coefficient

$$\frac{[F \times G] + [H \times I]}{[A]} = \text{This is your post-construction runoff coefficient.}$$

1. Includes paved areas, areas covered by buildings, and other impervious surfaces.
2. Use 0.95 unless lower or higher runoff coefficient can be verified.
3. Includes areas of vegetation, most unpaved or uncovered soil surfaces, and other pervious areas.
4. Refer to local Hydrology Manual for typical C values.

Note: The impervious and pervious surfaces should equal the total area.

Appendix B

ARR150000 Inspection Form

ARR150000 Inspection Form

Appendix B

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: _____

Appendix C

BMP Consideration Checklist

BMP Consideration Checklist

Appendix C

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

EROSION CONTROL BMPs				
BMP	BMP Considered for project	BMP Used	BMP Not Used	If not used, state reason
EC-1 Scheduling	☒	☐	☐	
EC-2 Preservation of Existing Vegetation	☒	☐	☐	
EC-3 Hydraulic Mulch	☒	☐	☐	
EC-4 Hydroseeding	☒	☐	☐	
EC-5 Soil Binders	☐	☐	☒	Curlex or seeding recommended in lieu
EC-6 Straw Mulch	☐	☐	☒	Curlex or seeding recommended in lieu
EC-7 Geotextiles & Mats	☒	☐	☐	
EC-8 Wood Mulching	☐	☐	☒	Curlex or seeding recommended in lieu
EC-9 Earth Dikes & Drainage Swales	☒	☐	☐	
EC-10 Velocity Dissipation Devices	☒	☐	☐	
EC-11 Slope Drains	☐	☐	☒	Proposed grading does not constitute the incorporation
EC-12 Stream bank Stabilization	☐	☐	☒	proposed disturbed limits do not impact the stream bank
SEDIMENT CONTROL BMPs				
BMP	BMP Considered for project	BMP Used	BMP Not Used	If not used, state reason
SE-1 Silt Fence	☒	☐	☐	
SE-2 Sediment Basin	☒	☐	☐	
SE-3 Sediment Trap	☐	☐	☒	basin required due to drainage area
SE-4 Check Dam	☒	☐	☐	
SE-5 Fiber Rolls	☐	☐	☒	Alternative control measures utilized in lieu of stated bmp
SE-6 Gravel Bag Berm	☐	☐	☒	Alternative control measures utilized in lieu of stated bmp
SE-7 Street Sweeping and Vacuuming	☒	☐	☐	
SE-8 Sand Bag Barrier	☐	☐	☒	Alternative control measures utilized in lieu of stated bmp
SE-9 Straw Bale Barrier	☐	☐	☒	Alternative control measures utilized in lieu of stated bmp
SE-10 Storm Drain Inlet Protection	☒	☐	☐	
SE-11 Chemical Treatment	☐	☐	☒	Alternative control measures utilized in lieu of stated bmp
WIND EROSION CONTROL BMPs				
BMP	BMP Considered for project	BMP Used	BMP Not Used	If not used, state reason
WE-1 Wind Erosion Control	☒	☐	☐	

BMP Consideration Checklist

Appendix C

TRACKING CONTROL BMPs				
BMP	BMP Considered for project	BMP Used	BMP Not Used	If not used, state reason
TR-1 Stabilized Construction Entrance/Exit	☒	☐	☐	
TR-2 Stabilized Construction Roadway	☐	☐	☒	Not justified for site layout
TR-3 Entrance/Outlet Tire Wash	☐	☐	☐	
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	☐	☐	☐	
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	☐	☐	☐	
NS-9 Vehicle and Equipment Fueling	☐	☐	☐	
NS-10 Vehicle and Equipment Maintenance	☐	☐	☐	
NS-11 Pile Driving Operations	☐	☐	☐	
NS-12 Concrete Curing	☐	☐	☐	
NS-13 Concrete Finishing	☐	☐	☐	
NS-14 Material and Equipment Use Over Water	☐	☐	☐	
NS-15 Demolition Adjacent to Water	☐	☐	☐	
NS-16 Temporary Batch Plants	☐	☐	☐	
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	☐	☐	☐	
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	☐	☐	☐	

Appendix D

SWPPP Completion Checklist

SWPPP Completion Checklist

Appendix D

Yes = Complete

No = Incomplete/Deficient

N/A = Not applicable to project

Yes	No	N/A		Permit Section Citation
			A. A site description, including:	
			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
			4. Pre- and post-construction runoff coefficient OR soil/discharge data	Part II.A.4.A.4
			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. Documentation of permit eligibility related to Impaired Water Bodies and Total Maximum Daily Loads (TMDLs)	
			1. Identify pollutant on 303(d) list or TMDL	Part II.A.4.D.1
			2. Is construction activity or the specific site listed as cause?	Part II.A.4.D.2
			3. Measures taken to reduce pollutants from the site.	Part II.A.4.D.3
			E. Attainment of Water Quality Standards After Authorization.	Part II.A.4.E
			F. Site Map --- See End of Evaluation Form	Part II.A.4.F
			G. 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
			H. 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

SWPPP Completion Checklist

Appendix D

Yes No N/A

I. Identification of allowable non-storm water discharges
-Appropriate controls for dewatering, if present

J. Post construction stormwater management.

K. State or local requirements incorporated into the plan.

L. Inspections

1. Inspection frequency listed?

2. Inspection form

Ours.

If not ours, does it contain the following items:

a. Inspector name and title

b. Date of inspection.

c. Amount of rainfall and days since last rain event (14 day only)

d. Approx beginning and duration of storm event

e. Description of any discharges during inspection

f. Locations of discharges of sediment/other pollutants

g. BMPs in need of maintenance

h. BMPs in working order, if maintenance needed (scheduled and completed)

i. Locations that are in need of additional controls

j. Location and dates when major construction activities begin, occur or cease

k. Signature of responsible/cognizant official

3. Inspection Records

4. Winter Conditions

5. Adverse Weather Conditions

M. Maintenance Procedures

N. Employee Training

Signed Plan Certification

F. Site Map showing:

1. Pre-construction topographic view

2. Drainage flow

3. Approximate slopes after grading activities

4. Areas of soil disturbance and areas not disturbed

5. Location of major structural and non-structural controls.

6. Location of main construction entrance and exit.

7. Areas where stabilization practices are expected to occur.

8. Locations of off-site materials, waste, borrow area or storage area.

9. Locations of areas used for concrete wash-out.

10. Locations of surface waters on site.

11. Locations where water is discharged to a surface water or MS4.

12. Storm water discharge locations.

13. Areas where final stabilization has been accomplished.

14. Legend for symbols/labels used

15. Location of storm drain inlets on site or in immediate vicinity

Permit Section Citation

Part II.A.4.I

Part I.B.12.C

Part II.A.4.J

Part II.A.4.K

Part II.A.4.L.1

Part II.A.4.L.2

Part II.A.4.L.2.a

Part II.A.4.L.2.b

Part II.A.4.L.2.c

Part II.A.4.L.2.d

Part II.A.4.L.2.e

Part II.A.4.L.2.f

Part II.A.4.L.2.g

Part II.A.4.L.2.h

Part II.A.4.L.2.i

Part II.A.4.L.2.j

Part II.A.4.L.2.k

Part II.A.4.L.3

Part II.A.4.L.4

Part II.A.4.L.5

Part II.A.4.M

Part II.A.4.N

Part II.A.5. and Part II.B.10

Part II.A.4.F.1

Part II.A.4.F.2

Part II.A.4.F.2

Part II.A.4.F.3

Part II.A.4.F.4

Part II.A.4.F.5

Part II.A.4.F.6

Part II.A.4.F.7

Part II.A.4.F.8

Part II.A.4.F.9

Part II.A.4.F.10

Part II.A.4.F.11

Part II.A.4.F.12

Part II.A.4.F.13

Part II.A.4.F.14

Appendix E

Site Maps



Path: K:\DAL_Environmental\Projects\WP064587901 - WYLI RSR Facility - Mountain Home - Arkansas - Mary Salmons\GIS\WLYI RSR Facility.aprx

Legend

Study Area, ~14.20 acres

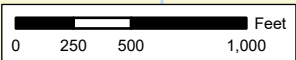
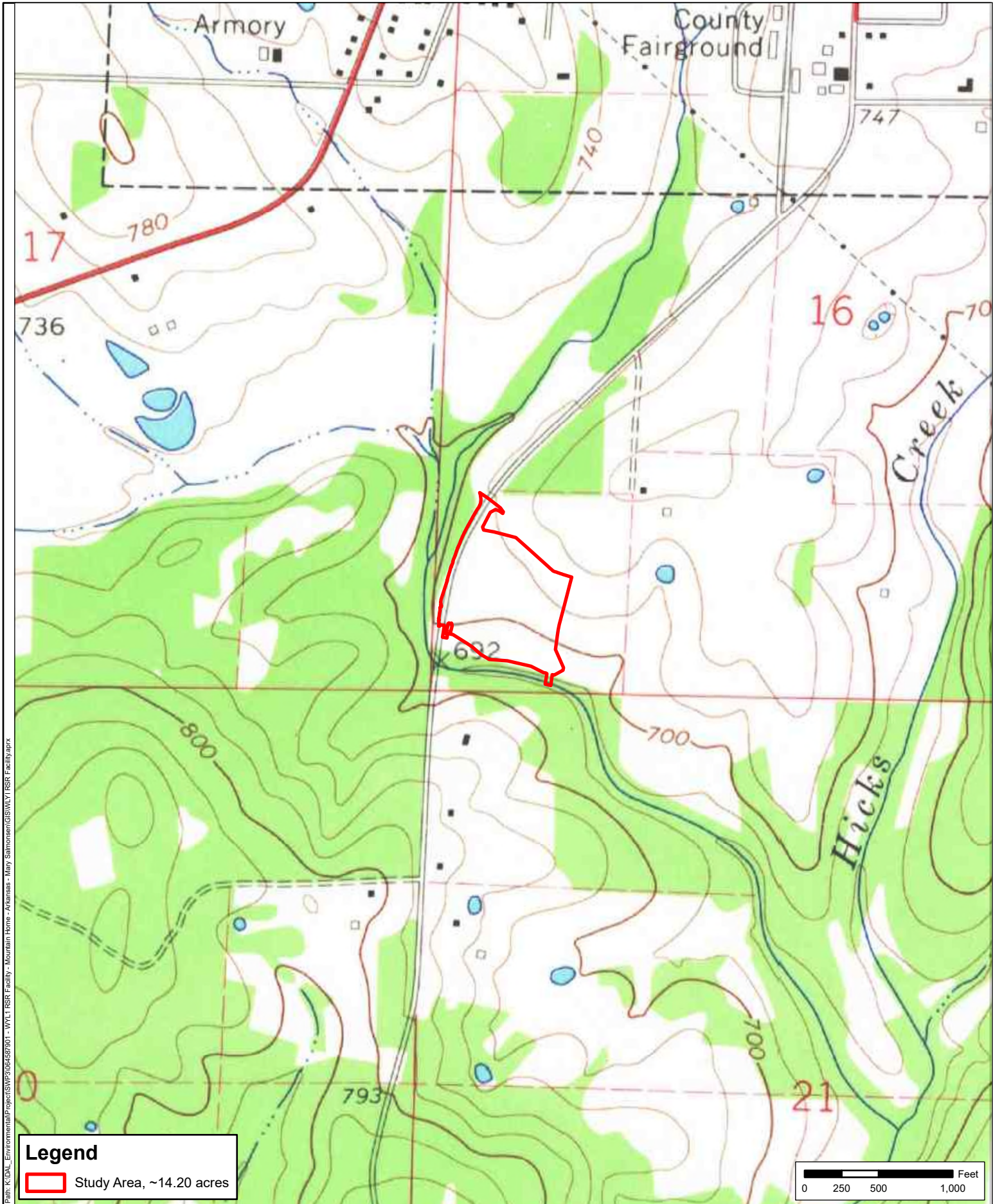


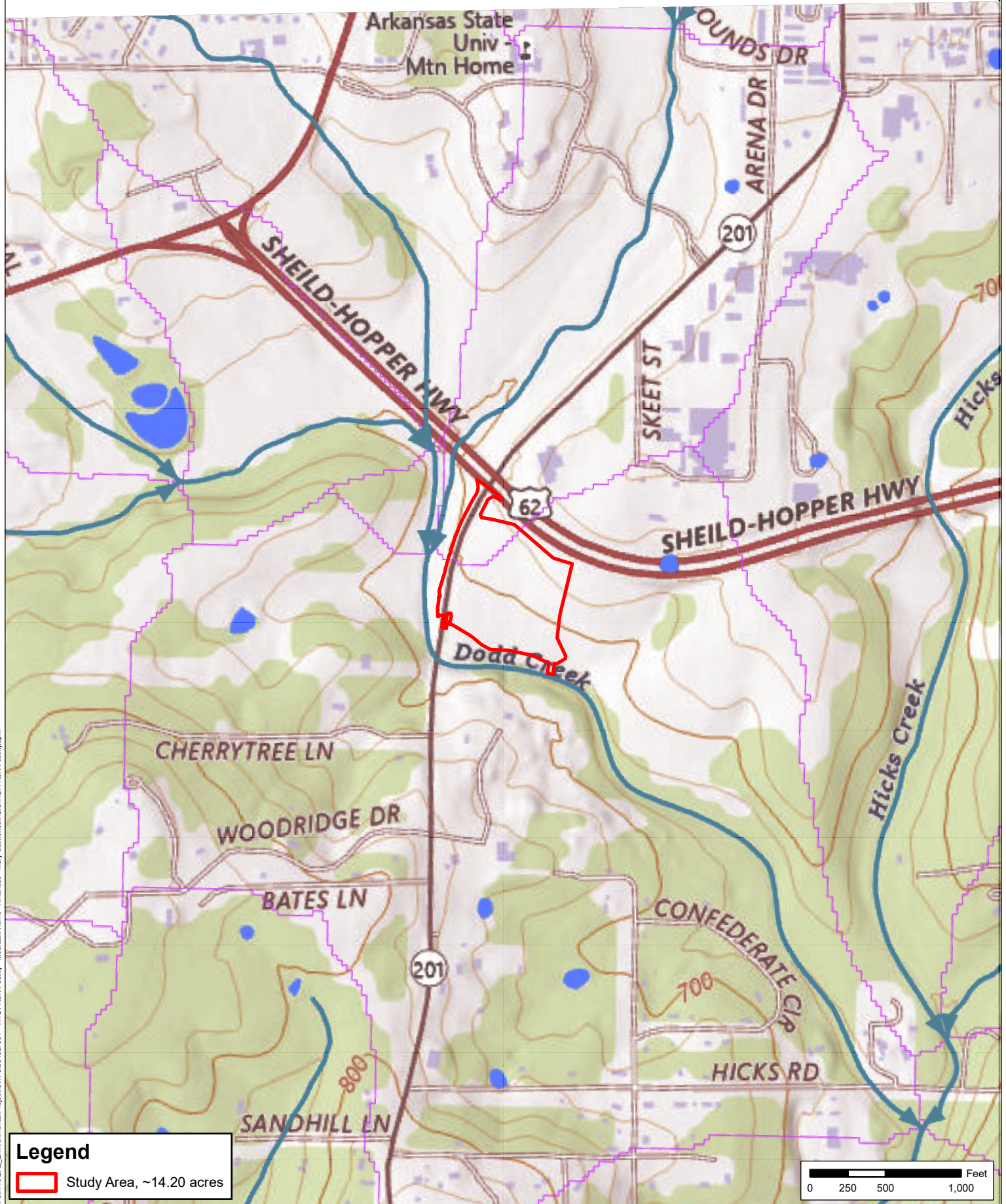
FIGURE 1	DATE: 07/08/2026 DRAWN: TMB CHECKED: KRK KHA NO.: 064587901	Vicinity Map Source: ESRI Basemap	Mountain Home Industrial Mountain Home, Baxter County, Arkansas		This product is for informational purposes only and may not have been prepared for, or be suitable for, legal, engineering, or survey purposes. It does not represent an on-the-ground survey and represents only the approximate relative location of property boundaries.
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Path: K:\DAL_Environmental\Project\SWP064587901 - WYLI RSR Facility - Mountain Home - Arkansas - Mary Salomon\GIS\WLYI RSR Facility.aprx

FIGURE 2	DATE: 07/08/2026 DRAWN: TMB CHECKED: KRK KHA NO.: 064587901	USGS Topographic Map Quad: Mountain Home West, AR	Mountain Home Industrial Mountain Home, Baxter County, Arkansas	N	Kimley»Horn This product is for informational purposes and may not have been prepared for or be suitable for legal, engineering, or survey purposes. It does not represent an on-the-ground survey and represents only the approximate relative location of property boundaries.
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Path: K:\DAL_Environmental\Projects\SP064587901 - WYLI RSR Facility - Mountain Home - Arkansas - Mary Salminen\GIS\WYLI RSR Facility.aprx



Legend

Study Area, ~14.20 acres

0 250 500 1,000 Feet

FIGURE

3

DATE:	07/08/2026
DRAWN:	TMB
CHECKED:	KRK
KHA NO.:	064587901

Stormwater Flow

Source: USGS

Mountain Home Industrial

Mountain Home, Baxter County, Arkansas



Kimley»Horn

This product is for informational purposes and may not have been prepared for or be suitable for, legal, engineering, or survey purposes. It does not represent an on-the-ground survey and represents only the approximate relative location of property boundaries.

Custom Soil Resource Report Soil Map



Custom Soil Resource Report

MAP LEGEND

Area of Interest (AOI)

 Area of Interest (AOI)

Soils

 Soil Map Unit Polygons

 Soil Map Unit Lines

 Soil Map Unit Points

Special Point Features

 Blowout

 Borrow Pit

 Clay Spot

 Closed Depression

 Gravel Pit

 Gravelly Spot

 Landfill

 Lava Flow

 Marsh or swamp

 Mine or Quarry

 Miscellaneous Water

 Perennial Water

 Rock Outcrop

 Saline Spot

 Sandy Spot

 Severely Eroded Spot

 Sinkhole

 Slide or Slip

 Sodic Spot

 Spoil Area

 Stony Spot

 Very Stony Spot

 Wet Spot

 Other

 Special Line Features

Water Features

 Streams and Canals

Transportation

 Rails

 Interstate Highways

 US Routes

 Major Roads

 Local Roads

Background

 Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:20,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service
Web Soil Survey URL:
Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Baxter County, Arkansas
Survey Area Data: Version 10, Sep 9, 2025

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Sep 9, 2022—Sep 15, 2022

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.