



Clean Water Act Section 404: Site Visit/Case Development

For inspections authorized pursuant to Clean Water Act sections 308 and 404 (33 U.S.C. §§ 1318 and 1344)

This report includes only factual information gained by documentation, onsite observations, and/or onsite interviews.

Inspector Name(s)	Chelsey Sherwood	Time In	9:30 AM	Start Date	October 10, 2024
		Time Out	11:45 AM	End Date	October 10, 2024
Inspector's Organization	EPA Region 6, Enforcement and Compliance Division, Water Resources Section				
Organization Requesting Inspection (if different)	N/A				
Inspection Type	Evaluation	Inspection Status	Original		
Site Name	Sewell Family Development, LLC				
Site Address*	N/A				
City*	Rogers	County*	Benton	State*	AR Zip Code* 72758
Mailing Address*	1315 Chancery Lane				
City*	Cave Springs	County*	Benton	State*	AR Zip Code* 72718
Latitude*	36.38722	Longitude*	-94.23859		
Estimated Size of Site (acres)	40	Is there a home on the site?	☐ Yes ☒ No		
Inspector Signature	CHELSEY SHERWOOD			Digitally signed by CHELSEY SHERWOOD Date: 2024.12.05 15:36:58 -06'00'	
				Date	12/5/2024
Supervisor Signature	RUBEN ALAYON-GONZALEZ			Digitally signed by RUBEN ALAYON-GONZALEZ Date: 2024.12.06 11:10:41 -06'00'	
				Date	

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Site Name	Sewell Family Development, LLC	Start Date	October 10, 2024
		End Date	October 10, 2024
Inspection Purpose	Initial site visit		
Opening Conference			
☐ Presentation of Inspector Credentials Name and Title (Use N/A if owner/operator not available to join the inspection) N/A			
☐ Opening Conference Name of person authorizing access if applicable N/A			
Notes from Opening Conference N/A			
☐ Access Issues if Any Describe N/A			
Inspection Observations and Sample Collection			
Site Owner/Site Operator/Responsible Party (Name, title and contact information) Sewell Family Development, LLC, 1315 Chancery Lane, Cave Springs, AR, 72718			
Additional Persons Present at Inspection Pablo Bacon with the Little Rock District of the US Army Corps of Engineers			
General Site Characteristics (layout of property, etc.) This property is located on approximately 40 acres that historically was forested, but has since been cleared for development. An unnamed tributary to Osage Creek flows east to west on the north side of the project area. The stream has approximately a 30 foot riparian buffer on each side. Refer to map attachments and photographs for details.			
Purpose and Need for Discharge of Dredged and/or Fill Material The purpose is for development.			
Site Overview (Past inspections, site description, permits, etc.) The Corps has done inspections in the past and is working with the developer on this project.			
Scope of Inspection (Areas inspected or not inspected) We inspected the unnamed tributary to Osage Creek and the construction activities in the project area.			

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Site Name	Sewell Family Development, LLC	Start Date	October 10, 2024
		End Date	October 10, 2024
Environmental Conditions (e.g., wind, rain, smoke, dust, temperature, snow)			
~74 degrees F, sunny. This area has been in a drought with no precipitation since September 1, 2024.			
Field Work Conducted			
We assessed the unnamed tributary to Osage Creek in the project area to determine if Best Management Practices were in place for construction activities and if there were any unauthorized discharges or impacts to the stream. We conducted a Stream Duration Assessment Method to assist on determining stream flow in this area. The data results indicated that this stream is intermittent (see report attached). Pictures were also taken for documentation.			
Closing Conference			
Documents Received and/or Requested During the Inspection			
N/A			
Compliance Assistance Provided (If any)			
N/A			
Observations Relayed to Site Owner/Operator			
N/A			
Actions Taken by Owner/Operator During the Inspection (If any)			
N/A			
Potential Issues of Concern Including Regulatory Citations			
This inspection was for compliance monitoring and to conduct Stream Duration Assessment Methods on the unnamed tributary to Osage Creek. We found no issues of concern at the time of inspection. This report will be sent to the Little Rock Corps District. Refer to photos and map attachments for site inspection details.			
Attachments*			
☒ Maps and Sketches			
☒ Photographs (including location) and Photo Log			
☐ Other (SSIP, Wetlands Delineation Forms, etc.)			
N/A			
Additional Notes			
N/A			

Appendix 1

Photograph Log



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 1

Location: 36.26603, -94.20103		
City: Rogers	County/Parish: Benton	State: Arkansas



Photo File Name	Date and Time of Photo	Photographer	Description
IMG_0086.JPG	10/10/2024, 10:44 AM	Chelsey Sherwood	Showing project area that has been cleared with silt fences aligning riparian corridor. Picture taken facing southwest.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 2

Location: 36.26603, -94.20103		
City: Rogers	County/Parish: Benton	State: Arkansas



Photo File Name	Date and Time of Photo	Photographer	Description
IMG_0087.JPG	10/10/2024, 10:44 AM	Chelsey Sherwood	Showing project area that has been cleared with silt fences aligning riparian corridor. Picture taken facing southeast.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 3

Location: 36.26612, -94.20098		
City: Rogers	County/Parish: Benton	State: Arkansas



Photo File Name	Date and Time of Photo	Photographer	Description
IMG_0084.JPG	10/10/2024, 10:42 AM	Chelsey Sherwood	Showing stream channel at the bottom of assessment reach. Picture taken facing east, upstream.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 4

Location: 36.266174, -94.20041		
City: Rogers	County/Parish: Benton	State: Arkansas



Photo File Name	Date and Time of Photo	Photographer	Description
IMG_0089.JPG	10/10/2024, 11:00 AM	Chelsey Sherwood	Showing stream channel at the middle of the assessment reach. Picture taken facing west, downstream.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 5

Location: 36.266174, -94.20041		
City: Rogers	County/Parish: Benton	State: Arkansas



Photo File Name	Date and Time of Photo	Photographer	Description
IMG_0090.JPG	10/10/2024, 11:00 AM	Chelsey Sherwood	Showing stream channel at the middle of the assessment reach. Picture taken facing east, upstream.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 6

Location: 36.26644, -94.20018		
City: Rogers	County/Parish: Benton	State: Arkansas



Photo File Name	Date and Time of Photo	Photographer	Description
IMG_0092.JPG	10/10/2024, 11:04 AM	Chelsey Sherwood	Showing stream channel at the top of the assessment reach. Picture taken facing southwest, downstream.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Photograph Log

Photo No. 7

Location: 36.26590, -94.20323		
City: Rogers	County/Parish: Benton	State: Arkansas



Photo File Name	Date and Time of Photo	Photographer	Description
IMG_0093.JPG	10/10/2024, 11:42 AM	Chelsey Sherwood	Showing bottom of project area. Note: the stream flows through the riparian area. Picture taken facing south.

Sewell Family Development, LLC Photo Locations



12/5/2024, 9:23:04 AM

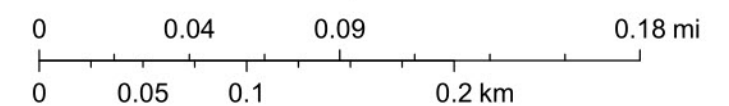
Subwatershed (HUC12)

Catchment

Network Flowline

Stream/River, Intermittent

1:4,514



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2024 TomTom

ArcGIS Web AppBuilder

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Beta Streamflow Duration Assessment

SDAM Version 1.1 Release Date: November 2023

Report generated on: December 05, 2024

General Site Information

Project name or number: Sewell Family Development, LLC

Site code or identifier: Healing Springs area

SDAM Region: Northeast

Assessor(s): Chelsey Sherwood and Pablo Bacon

Waterway name: Unnamed tributary to Osage Creek

Visit date: 10/10/2024

Current weather conditions: Clear/Sunny

Notes on current or recent weather conditions:

This area has been in a drought.

Location: 36.26612 N, -94.20098 E

Surrounding land use within 100 m: Urban, industrial, or residential, openspace, Forested

Description of reach boundaries: There is approximately a 30 foot riparian corridor buffer around the stream. On river left, the area is being cleared and developed and river right is already a residential area.

Assessment reach length (m): 82

Disturbed or difficult conditions:

Drought

Notes on disturbances or difficult site conditions:

Observed hydrology:

Percent of reach with surface flow: 0

Percent of reach with surface and sub-surface flows: 0

Number of isolated pools: 0

Notes on observed hydrology: This is a losing stream and the area has also been in a drought.

Site Photos

Top of reach looking downstream:

Middle of reach looking upstream:

Middle of reach looking downstream:

Bottom of reach looking upstream:

Site Sketch

Indicators

Biological indicators

Stream Shading

Percent Shade: 97.06%

Aquatic Invertebrates

Total abundance of aquatic benthic macroinvertebrates: 2

Notes on aquatic invertebrates:

2 Chironomid cases were found.

Aquatic invertebrate photos and photo descriptions:

Richness of aquatic benthic macroinvertebrates

Number of aquatic benthic macroinvertebrate taxa (family- or higher-level) identified from the assessment reach: 1

BMI score: 1

Geospatial Indicators

Mean Precipitation (mm) (Months 8-10): 98.5809326

Drainage Area (sq.mi.): 0.4

Drainage Area Score: 0

Notes about the drainage area:

Drainage area photos and descriptions:

Geomorphic Indicators

Upland Rooted Plants

Upland Rooted Plants score: 3

Notes about absence of upland rooted plants in streambed:

Upland Rooted Plants photos and descriptions:

Bankfull channel width (m): 3.1

Natural Valley

Natural Valley score: 0.5 (Weak)

Notes about natural valley:

Natural Valley photos and descriptions:

Slope

Slope Percent: 3

Notes about slope:

Slope photos and descriptions:

Supplemental Information

Additional notes about the assessment:

Supplemental information photos and descriptions:

This reach is classified as intermittent.

End of Report