



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	10:00 AM	Start Date	June 18, 2024
		Time Out	12:30 PM	End Date	June 18, 2024
Inspector's Organization	EPA Region 6, Enforcement and Compliance Division, Water Resources Section				
Organization Requesting Inspection (if different)	N/A				
Inspection Type	Case Development	Inspection Status	Original		
Site Name	Paradise Valley, LLC (Rick Ferguson)				
Site Address*	Roland Cutoff Road				
City*	Roland	County*	Pulaski	State*	AR Zip Code* 72135
Mailing Address*	11324 Arcade Drive #12				
City*	Little Rock	County*	Pulaski	State*	AR Zip Code* 72212
Latitude*	34.8993	Longitude*	-92.52672		
Estimated Size of Site (acres)	21	Is there a home on the site?	☐ Yes ☒ No		
Inspector Signature	CHELSEY SHERWOOD Digitally signed by CHELSEY SHERWOOD Date: 2024.08.05 12:33:00 -05'00'			Date	8/5/2024
Supervisor Signature	RUBEN ALAYON-GONZALEZ Digitally signed by RUBEN ALAYON-GONZALEZ Date: 2024.08.06 13:21:24 -05'00'			Date	8/6/2024

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)

Site Name	Paradise Valley, LLC (Rick Ferguson)	Start Date	June 18, 2024
		End Date	June 18, 2024
Inspection Purpose	The purpose of this inspection was to discuss and evaluate steps to developing a restoration plan		
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 Mr. Rick Ferguson, owner			
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) Rick Ferguson email: rickferguson777@gmail.com			
Additional Persons Present at Inspection Matthew Irvin, Arkansas Game and Fish Commission Stream Team, Rick Ferguson, land owner, Doug Ford, consultant, John Metrailler, PMI consultant, email jmetrailler@pmico.com			
General Site Characteristics (layout of property, etc.) The project is located south of Roland Cutoff Road. The site was originally forested with several streams flowing south to north that then flow into Mill Bayou and then into the Arkansas River. Refer to map attachments for details.			
Purpose and Need for Discharge of Dredged and/or Fill Material The purpose of the project is for development.			
Site Overview (Past inspections, site description, permits, etc.) Little Rock Corps District and Arkansas Energy and Environment Division of Environmental Quality (AR DEQ) have done 404 inspections and stormwater inspections, respectively. EPA also did an initial inspection with the Corps on January 31, 2024 to evaluate impacts to WOTUS.			
Scope of Inspection (Areas inspected or not inspected) We inspected the areas proposed for restoration to determine a stream restoration plan to resolve this case.			

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)

Site Name	Paradise Valley, LLC (Rick Ferguson)	Start Date	June 18, 2024
		End Date	June 18, 2024
Environmental Conditions (e.g., wind, rain, smoke, dust, temperature, snow)			
~49 degrees F, partly cloudy, last rainfall event was June 10			
Field Work Conducted			
We observed the unnamed tributary to Mill Bayou to determine the best approaches for a stream restoration plan.			
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			
We let the site owner and consultants know that an Administrative Order on Consent would be prepared and sent to him along with the stream restoration plan.			
Actions Taken by Owner/Operator During the Inspection (If any)			
N/A			
Potential Issues of Concern Including Regulatory Citations			
A Section 404 permit was not obtained for the discharge of fill material into streams. We observed that areas were naturally revegetating along the streambank and project area and found reference stream reaches to assist in developing a stream restoration plan to address noncompliance. See photos for details.			
Attachments*			
☒ Maps and Sketches ☒ Photographs (including location) and Photo Log ☐ Other (SSIP, Wetlands Delineation Forms, etc.)			
Appendix 1			
Additional Notes			
This case has been referred to EPA.			

Appendix 1

Photograph Log



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 1

Location: 34.89645, -92.52464		
City: Roland	County/Parish: Pulaski	State: Arkansas



Photo File Name	Date and Time of Photo	Photographer	Description
100.jpg	06/18/2024, 11:23 AM	Chelsey Sherwood	Showing a reference reach for stream restoration. Picture taken facing upstream, southeast.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 2

Location: 34.89851, -92.52596		
City: Roland	County/Parish: Pulaski	State: Arkansas

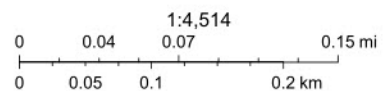


Photo File Name	Date and Time of Photo	Photographer	Description
101.jpg	06/18/2024, 11:38 AM	Chelsey Sherwood	Showing revegetation of site such as this native wildflower <i>Liatris sp.</i>

Paradise Valley, LLC Photo Locations



8/5/2024, 11:25:54 AM



USGS The National Map: National Hydrography Dataset. Data refreshed October, 2023.
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Distribution Airbus DS © 2024 TomTom



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	9:20 AM	Start Date	January 31, 2024
		Time Out	11:30 AM	End Date	January 31, 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	Paradise Valley, LLC (Rick Ferguson)				
Site Address*	Roland Cutoff Road				
City*	Roland	County*	Pulaski	State*	AR Zip Code* 72135
Mailing Address*	11324 Arcade Drive #12				
City*	Little Rock	County*	Pulaski	State*	AR Zip Code* 72212
Latitude*	34.8993	Longitude*	-92.52672		
Estimated Size of Site (acres)	21	Is there a home on the site?	☐ Yes ☒ No		
Inspector Signature	CHELSEY SHERWOOD			Digitally signed by CHELSEY SHERWOOD Date: 2024.03.21 13:00:13 -05'00'	
				Date	3/21/2024
Supervisor Signature	LORI TANNER			Digitally signed by LORI TANNER Date: 2024.03.22 11:30:39 -05'00'	
				Date	

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)

Site Name	Paradise Valley, LLC (Rick Ferguson)	Start Date	January 31, 2024
		End Date	January 31, 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) Rick Ferguson email: rickferguson777@gmail.com			
Additional Persons Present at Inspection John Bridgeman and John Glynn Little Rock District of U.S. Army Corps of Engineers (COE).			
General Site Characteristics (layout of property, etc.) The project is located south of Roland Cutoff Road. The site was originally forested with several streams flowing south to north that then flow into Mill Bayou and then into the Arkansas River. Refer to map attachments for details.			
Purpose and Need for Discharge of Dredged and/or Fill Material The purpose of the project is for development.			
Site Overview (Past inspections, site description, permits, etc.) Little Rock Corps District and Arkansas Energy and Environment Division of Environmental Quality (AR DEQ) have done 404 inspections and stormwater inspections, respectively.			
Scope of Inspection (Areas inspected or not inspected) We inspected the entire project site. See photos and maps for details.			

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)

Site Name	Paradise Valley, LLC (Rick Ferguson)	Start Date	January 31, 2024
		End Date	January 31, 2024
Environmental Conditions (e.g., wind, rain, smoke, dust, temperature, snow)			
~41 degrees F, sunny			
Field Work Conducted			
We observed the streams in the project site and took photos 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			
A Section 404 permit was not obtained for the discharge of fill material into streams. We observed that the riparian zone was removed up to the stream bank and noted excessive sedimentation, turbidity, and erosion in streams. There were areas where the stream channel was completely filled and several check dams placed in stream channels. We also noted stormwater concerns as silt fences were not maintained or not used in areas. The AR DEQ is investigating site for stormwater issues and permitting. See photos for details.			
Attachments*			
☒ Maps and Sketches			
☒ Photographs (including location) and Photo Log			
☐ Other (SSIP, Wetlands Delineation Forms, etc.)			
Appendix 1 and 2			
Additional Notes			
This case has been referred to EPA.			

Appendix 1

Photograph Log



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 1

Location: 34.89878, -92.52608		
City: Roland	County/Parish: Pulaski	State: Arkansas



Photo File Name	Date and Time of Photo	Photographer	Description
DSCN6250	01/31/2024, 9:31 AM	Chelsey Sherwood	Showing check dams in stream A and turbid water. Picture taken from road facing downstream, north.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 2

Location: 34.89878, -92.52608		
City: Roland	County/Parish: Pulaski	State: Arkansas



Photo File Name	Date and Time of Photo	Photographer	Description
DSCN6251	01/31/2024, 9:33 AM	Chelsey Sherwood	Showing check dams in stream A. Picture taken from road facing upstream, south.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Photograph Log

Photo No. 3

Location: 34.89878, -92.52608		
City: Roland	County/Parish: Pulaski	State: Arkansas



Photo File Name	Date and Time of Photo	Photographer	Description
DSCN6252	01/31/2024, 9:33 AM	Chelsey Sherwood	Showing heavy equipment at site. Picture taken facing east.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Photograph Log

Photo No. 4

Location: 34.8987, -92.52645		
City: Roland	County/Parish: Pulaski	State: Arkansas



Photo File Name	Date and Time of Photo	Photographer	Description
DSCN6253	01/31/2024, 9:35 AM	Chelsey Sherwood	Showing fill material in stream C. Picture taken from road facing downstream, north.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 5

Location: 34.8987, -92.52645		
City: Roland	County/Parish: Pulaski	State: Arkansas



Photo File Name	Date and Time of Photo	Photographer	Description
DSCN6254	01/31/2024, 9:37 AM	Chelsey Sherwood	Showing fill material in stream C. Picture taken from road facing upstream, south.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Photograph Log

Photo No. 6

Location: 34.89799, -92.52645		
City: Roland	County/Parish: Pulaski	State: Arkansas



Photo File Name	Date and Time of Photo	Photographer	Description
DSCN6255	01/31/2024, 9:41 AM	Chelsey Sherwood	Showing overview of project site. Picture taken facing north.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 7

Location: 34.89799, -92.52645		
City: Roland	County/Parish: Pulaski	State: Arkansas



Photo File Name	Date and Time of Photo	Photographer	Description
DSCN6256	01/31/2024, 9:41 AM	Chelsey Sherwood	Showing overview of project site. Picture taken facing west.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 8

Location: 34.89799, -92.52645		
City: Roland	County/Parish: Pulaski	State: Arkansas



Photo File Name	Date and Time of Photo	Photographer	Description
DSCN6257	01/31/2024, 9:42 AM	Chelsey Sherwood	Showing overview of project site. Picture taken facing south.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 9

Location: 34.89799, -92.52645		
City: Roland	County/Parish: Pulaski	State: Arkansas



Photo File Name	Date and Time of Photo	Photographer	Description
DSCN6258	01/31/2024, 9:42 AM	Chelsey Sherwood	Showing overview of project site. Picture taken facing east.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 10

Location: 34.89805, -92.52607		
City: Roland	County/Parish: Pulaski	State: Arkansas



Photo File Name	Date and Time of Photo	Photographer	Description
DSCN6259	01/31/2024, 9:44 AM	Chelsey Sherwood	Showing wack lines of leaves and turbidity in stream A. Picture taken from stream bed facing downstream, north.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 11

Location: 34.89805, -92.52607		
City: Roland	County/Parish: Pulaski	State: Arkansas



Photo File Name	Date and Time of Photo	Photographer	Description
DSCN6260	01/31/2024, 9:44 AM	Chelsey Sherwood	Showing stream A. Picture taken from stream bed facing upstream, south.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 12

Location: 34.89758, -92.52597		
City: Roland	County/Parish: Pulaski	State: Arkansas



Photo File Name	Date and Time of Photo	Photographer	Description
DSCN6261	01/31/2024, 9:48 AM	Chelsey Sherwood	Showing wrack lines on vegetation in stream A. Picture taken from stream bed facing upstream, south.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 13

Location: 34.89732, -92.52584		
City: Roland	County/Parish: Pulaski	State: Arkansas



Photo File Name	Date and Time of Photo	Photographer	Description
DSCN6262	01/31/2024, 9:51 AM	Chelsey Sherwood	Showing stream bank erosion approximately 2.5 feet high from stream bed in stream A. Picture taken from stream bed facing upstream, south.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 14

Location: 34.8969, -92.52572		
City: Roland	County/Parish: Pulaski	State: Arkansas



Photo File Name	Date and Time of Photo	Photographer	Description
DSCN6263	01/31/2024, 9:55 AM	Chelsey Sherwood	Showing check dam placed in stream A. Picture taken from stream bed facing upstream, south.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 15

Location: 34.89671, -92.52559		
City: Roland	County/Parish: Pulaski	State: Arkansas



Photo File Name	Date and Time of Photo	Photographer	Description
DSCN6264	01/31/2024, 9:58 AM	Chelsey Sherwood	Showing confluence of stream A and stream B. Picture taken facing upstream, southeast.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 16

Location: 34.89671, -92.52553		
City: Roland	County/Parish: Pulaski	State: Arkansas



Photo File Name	Date and Time of Photo	Photographer	Description
DSCN6265	01/31/2024, 9:59 AM	Chelsey Sherwood	Showing tire tracks in stream B. Picture taken facing upstream, southeast.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 17

Location: 34.89671, -92.52553		
City: Roland	County/Parish: Pulaski	State: Arkansas



Photo File Name	Date and Time of Photo	Photographer	Description
DSCN6266	01/31/2024, 9:59 AM	Chelsey Sherwood	Showing braided channel of stream A. Note streambed appears to have been altered impeding flow. Picture taken facing upstream, south.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 18

Location: 34.89671, -92.52553		
City: Roland	County/Parish: Pulaski	State: Arkansas



Photo File Name	Date and Time of Photo	Photographer	Description
DSCN6267	01/31/2024, 9:59 AM	Chelsey Sherwood	Showing main channel of stream A and fill material. Picture taken facing upstream, southwest.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 19

Location: 34.89671, -92.52553		
City: Roland	County/Parish: Pulaski	State: Arkansas



Photo File Name	Date and Time of Photo	Photographer	Description
DSCN6268	01/31/2024, 10:03 AM	Chelsey Sherwood	Showing one of the aquatic macroinvertebrates found in stream A.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 20

Location: 34.89679, -92.52522		
City: Roland	County/Parish: Pulaski	State: Arkansas



Photo File Name	Date and Time of Photo	Photographer	Description
DSCN6269	01/31/2024, 10:04 AM	Chelsey Sherwood	Showing stream B above the impacts shown in photo 16 and 21. Picture taken facing upstream, east.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 21

Location: 34.89679, -92.52522		
City: Roland	County/Parish: Pulaski	State: Arkansas



Photo File Name	Date and Time of Photo	Photographer	Description
DSCN6270	01/31/2024, 10:05 AM	Chelsey Sherwood	Showing stream B facing downstream from photo 20. Note riparian area removed and stream channel appears to have been altered. Picture taken facing west.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 22

Location: 34.89632, -92.52578		
City: Roland	County/Parish: Pulaski	State: Arkansas



Photo File Name	Date and Time of Photo	Photographer	Description
DSCN6271	01/31/2024, 10:12 AM	Chelsey Sherwood	Showing riparian area removed, tire tracks along bank, and excessive sediment built up along fencing. Picture taken facing upstream, southwest in stream A.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 23

Location: 34.89616, -92.52587		
City: Roland	County/Parish: Pulaski	State: Arkansas



Photo File Name	Date and Time of Photo	Photographer	Description
DSCN6272	01/31/2024, 10:16 AM	Chelsey Sherwood	Showing where stream A channel should be parallel to the road but has been altered. Picture taken facing upstream, southwest.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 24

Location: 34.89618, -92.52566		
City: Roland	County/Parish: Pulaski	State: Arkansas



Photo File Name	Date and Time of Photo	Photographer	Description
DSCN6273	01/31/2024, 10:19 AM	Chelsey Sherwood	Showing braided channel of stream A. Note wrack lines on vegetation. Picture taken facing downstream, north.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 25

Location: 34.89618, -92.52566		
City: Roland	County/Parish: Pulaski	State: Arkansas



Photo File Name	Date and Time of Photo	Photographer	Description
DSCN6274	01/31/2024, 10:19 AM	Chelsey Sherwood	Showing braided channel of stream A upstream from photo 24. Note road severing connection. Picture taken facing upstream, south.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 26

Location: 34.89573, -92.52605		
City: Roland	County/Parish: Pulaski	State: Arkansas



Photo File Name	Date and Time of Photo	Photographer	Description
DSCN6275	01/31/2024, 10:23 AM	Chelsey Sherwood	Showing where stream A was apparently altered and sediment piled along silt fence. Picture taken facing downstream, northeast.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 27

Location: 34.89564, -92.52634		
City: Roland	County/Parish: Pulaski	State: Arkansas



Photo File Name	Date and Time of Photo	Photographer	Description
DSCN6276	01/31/2024, 10:26 AM	Chelsey Sherwood	Showing riparian area removed on river left bank. Picture taken facing upstream, southwest.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 28

Location: 34.89564, -92.52634		
City: Roland	County/Parish: Pulaski	State: Arkansas



Photo File Name	Date and Time of Photo	Photographer	Description
DSCN6277	01/31/2024, 10:27 AM	Chelsey Sherwood	Showing riparian area removed on right bank and sediment deposition in stream. Picture taken facing west towards river left bank.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 29

Location: 34.89564, -92.52634		
City: Roland	County/Parish: Pulaski	State: Arkansas



Photo File Name	Date and Time of Photo	Photographer	Description
DSCN6278	01/31/2024, 10:28 AM	Chelsey Sherwood	Showing where stream A former channel has been filled. Picture taken facing downstream, northeast.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 30

Location: 34.89538, -92.5266		
City: Roland	County/Parish: Pulaski	State: Arkansas



Photo File Name	Date and Time of Photo	Photographer	Description
DSCN6279	01/31/2024, 10:32 AM	Chelsey Sherwood	Showing stream A upstream of filled area in photo 29. Picture taken facing upstream, south.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 31

Location: 34.89538, -92.5266		
City: Roland	County/Parish: Pulaski	State: Arkansas



Photo File Name	Date and Time of Photo	Photographer	Description
DSCN6280	01/31/2024, 10:35 AM	Chelsey Sherwood	Showing Isopoda found in stream.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 32

Location: 34.8953, -92.52663		
City: Roland	County/Parish: Pulaski	State: Arkansas



Photo File Name	Date and Time of Photo	Photographer	Description
DSCN6283	01/31/2024, 10:40 AM	Chelsey Sherwood	Showing <i>Typha spp.</i> in stream A/wetland area. Picture taken facing upstream, south.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 33

Location: 34.89544, -92.52684		
City: Roland	County/Parish: Pulaski	State: Arkansas



Photo File Name	Date and Time of Photo	Photographer	Description
DSCN6284	01/31/2024, 10:42 AM	Chelsey Sherwood	Overview of project area towards stream. Picture taken facing east.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 34

Location: 34.89544, -92.52684		
City: Roland	County/Parish: Pulaski	State: Arkansas



Photo File Name	Date and Time of Photo	Photographer	Description
DSCN6285	01/31/2024, 10:42 AM	Chelsey Sherwood	Overview of project area. Note riparian vegetation removed up to stream bank edge and replaced with silt fence. Picture taken facing north.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 35

Location: 34.89544, -92.52684		
City: Roland	County/Parish: Pulaski	State: Arkansas



Photo File Name	Date and Time of Photo	Photographer	Description
DSCN6286	01/31/2024, 10:42 AM	Chelsey Sherwood	Overview of project area. Picture taken facing west.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 36

Location: 34.89544, -92.52684		
City: Roland	County/Parish: Pulaski	State: Arkansas



Photo File Name	Date and Time of Photo	Photographer	Description
DSCN6287	01/31/2024, 10:42 AM	Chelsey Sherwood	Overview of project area. Picture taken facing south



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 37

Location: 34.89595, -92.52798		
City: Roland	County/Parish: Pulaski	State: Arkansas



Photo File Name	Date and Time of Photo	Photographer	Description
DSCN6288	01/31/2024, 10:48 AM	Chelsey Sherwood	Showing where a stream channel parallel to woods existed, but now filled. Picture taken facing downstream, north.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 38

Location: 34.89595, -92.52798		
City: Roland	County/Parish: Pulaski	State: Arkansas



Photo File Name	Date and Time of Photo	Photographer	Description
DSCN6289	01/31/2024, 10:48 AM	Chelsey Sherwood	Showing spoil piles and wet area. Picture taken facing upstream, south.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 39

Location: 34.89564, -92.52803		
City: Roland	County/Parish: Pulaski	State: Arkansas



Photo File Name	Date and Time of Photo	Photographer	Description
DSCN6290	01/31/2024, 10:52 AM	Chelsey Sherwood	Showing stream/wet area above photo 37. Picture taken facing upstream, southwest.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 40

Location: 34.89668, -92.52799		
City: Roland	County/Parish: Pulaski	State: Arkansas



Photo File Name	Date and Time of Photo	Photographer	Description
DSCN6291	01/31/2024, 10:56 AM	Chelsey Sherwood	Showing undisturbed stream D channel at property line. Picture taken facing upstream, west.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 41

Location: 34.89668, -92.52799		
City: Roland	County/Parish: Pulaski	State: Arkansas



Photo File Name	Date and Time of Photo	Photographer	Description
DSCN6292	01/31/2024, 10:56 AM	Chelsey Sherwood	Showing where stream D from photo 40 enters project site. Note: 1) silt fence running through stream and on wrong side; 2) sediment deposition and wrack lines in stream channel; and 3) circle is apparently altered channel. Picture taken facing downstream, north.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 42

Location: 34.89939, -92.52784		
City: Roland	County/Parish: Pulaski	State: Arkansas



Photo File Name	Date and Time of Photo	Photographer	Description
DSCN6293	01/31/2024, 11:04 AM	Chelsey Sherwood	Showing stream D downstream from photo 41. Picture taken facing downstream, north.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Photograph Log

Photo No. 43

Location: 34.89939, -92.52784		
City: Roland	County/Parish: Pulaski	State: Arkansas



Photo File Name	Date and Time of Photo	Photographer	Description
DSCN6294	01/31/2024, 11:04 AM	Chelsey Sherwood	Showing fill material in stream D. Picture taken facing upstream, south.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 44

Location: 34.89955, -92.52678		
City: Roland	County/Parish: Pulaski	State: Arkansas



Photo File Name	Date and Time of Photo	Photographer	Description
DSCN6295	01/31/2024, 11:10 AM	Chelsey Sherwood	Showing lots of check dams in stream C appear to be impeding flow. Picture taken facing upstream, south.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 45

Location: 34.89955, -92.52678		
City: Roland	County/Parish: Pulaski	State: Arkansas



Photo File Name	Date and Time of Photo	Photographer	Description
DSCN6296	01/31/2024, 11:12 AM	Chelsey Sherwood	Showing stream C downstream of project site. Note: turbidity. Picture taken facing downstream, northeast.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 46

Location: 34.89954, -92.52631		
City: Roland	County/Parish: Pulaski	State: Arkansas



Photo File Name	Date and Time of Photo	Photographer	Description
DSCN6297	01/31/2024, 11:14 AM	Chelsey Sherwood	Showing check dams in stream A that appear to be impeding flow. Picture taken from road facing upstream, south.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 47

Location: 34.89961, -92.52630		
City: Roland	County/Parish: Pulaski	State: Arkansas



Photo File Name	Date and Time of Photo	Photographer	Description
DSCN6298	01/31/2024, 11:16 AM	Chelsey Sherwood	Showing stream A downstream of project site. Note: turbidity. Picture taken from road facing downstream, north.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 48

Location: 34.89914, -92.52606		
City: Roland	County/Parish: Pulaski	State: Arkansas



Photo File Name	Date and Time of Photo	Photographer	Description
DSCN6299	01/31/2024, 11:17 AM	Chelsey Sherwood	Showing all the check dams through stream A and C, which appear to be impeding flow and creating a wetland. It was approximately 146 feet long. Picture taken facing west from river right bank.

Appendix 2

Aerial Imagery

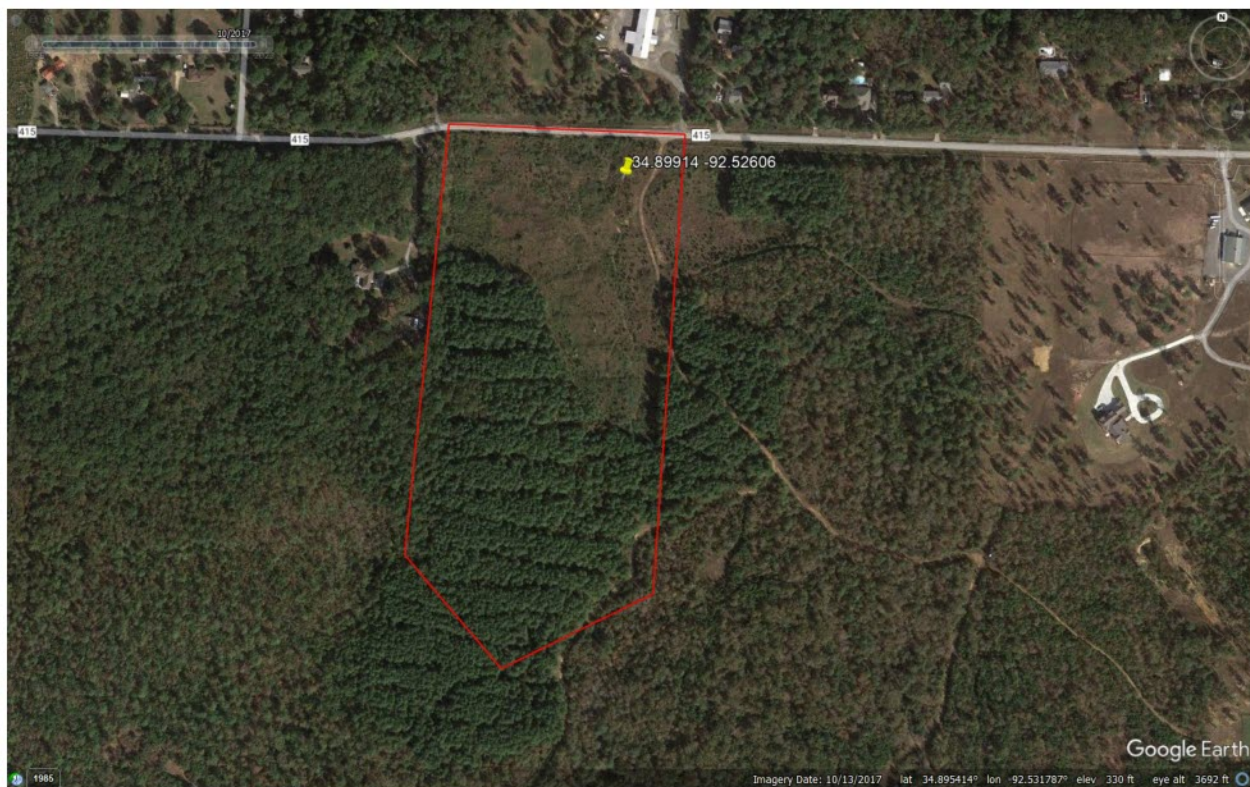


Figure 1. Aerial Imagery from October 2017.



Figure 2. Aerial Imagery from June 2020.



Figure 3. Aerial Imagery from September 2021.



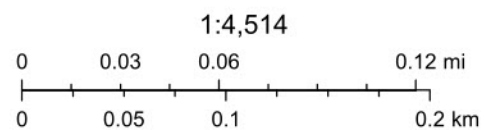
Figure 4. Aerial Imagery from February 2023.

Paradise Valley, LLC Photo Locations



3/21/2024, 11:00:46 AM

● PhotoLocationsParadiseValley1

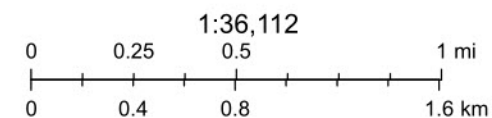
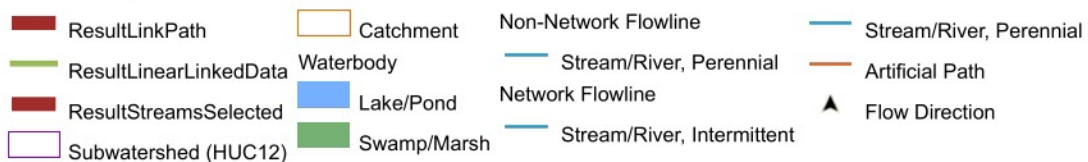


Maxar

Paradise Valley, LLC Downstream Flowpath



3/21/2024, 12:11:44 PM



USGS The National Map: National Hydrography Dataset. Data refreshed October, 2023., US EPA Office of Water, © 2024 Microsoft Corporation ©

ArcGIS Web AppBuilder

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