



ARKANSAS ENERGY & ENVIRONMENT

GROUNDWATER DIVISION TRIP REPORT

Document ID 83494

Project	NABORS Landfill; Permit Number 0249-S1-R2
Location	1320 RLH Landfill Road Three Brothers, AR 72653
Date	March 1, 2023
Time	Arrived 0950; departed 1300
Reason	SCS/LRS has a DEQ approved work plan to implement a dye trace study at the NABORS Landfill. DEQ was interested in observing the introduction of the dye to the injection well as well as observe general procedures and the injection rate of the water to be introduced following the dye.
DEQ Personnel	Travis Atwood, Geologist
Facility Personnel	Robert Fowler, P.G. – SCS, Senior Project Professional Shiloh Beeman, R.G., EIT – SCS, Project Manager Anna Feldman – SCS, Staff Geologist Matt Stevener – SCS, Technician Craig Hodgson – SCS, Technician
Activity Summary	SCS injected the fluorescein dye at approximately 1030. 10 gallons of dye was injected into IW-1. Water was then added to approximately 15 feet above the static water level (approximately 8 gallons of water). The infiltration rate was approximately 1.3 gallons per hour during the initial 2 hours.
Action Items Summary	None given.
Anticipated Follow-up	N/A
Other	Photo log attached

Route to:

ADEQ personnel review:	Date:
Travis Atwood	3/2/23
Bill Sadler	3/2/23
Blake Whittle	3/3/23
Solid Waste Database & Zylab	



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SITE NAME: NABORS Landfill	PHOTO #: 1 of 4
SITE LOCATION: 1320 RLH Landfill Road Three Brothers, AR 72653	
AFIN#: 03-00051	PERMIT #: 0249-S1-R2
PHOTOGRAPHER: Travis Atwood TA	WITNESS: N/A
DATE: March 1, 2023	CAMERA: Smart Phone
DIRECTION: Facing north	
SUBJECT: Total amount of dye to be introduced next to injection well. Blue hose is tremie.	



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SITE NAME: NABORS Landfill	PHOTO #: 2 of 4
SITE LOCATION: 1320 RLH Landfill Road Three Brothers, AR 72653	
AFIN#: 03-00051	PERMIT #: 0249-S1-R2
PHOTOGRAPHER: Travis Atwood TA	WITNESS: N/A
DATE: March 1, 2023	CAMERA: Smart Phone
DIRECTION: Facing north	
SUBJECT: Dye being introduced into funnel and tremie into injection well (IW-1)	



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SITE NAME: NABORS Landfill	PHOTO #: 3 of 4
SITE LOCATION: 1320 RLH Landfill Road Three Brothers, AR 72653	
AFIN#: 03-00051	PERMIT #: 0249-S1-R2
PHOTOGRAPHER: Travis Atwood TA	WITNESS: N/A
DATE: March 1, 2023	CAMERA: Smart Phone
DIRECTION: Facing north	
SUBJECT: Flush water being added to the injection well after all dye was introduced.	



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SITE NAME: NABORS Landfill	PHOTO #: 4 of 4
SITE LOCATION: 1320 RLH Landfill Road Three Brothers, AR 72653	
AFIN#: 03-00051	PERMIT #: 0249-S1-R2
PHOTOGRAPHER: Travis Atwood TA	WITNESS: N/A
DATE: March 1, 2023	CAMERA: Smart Phone
DIRECTION: Facing north	
SUBJECT: Water level meter tracking infiltration rate of dye and flush water.	