west virginia department of environmental protection

Office of Oil and Gas
601 57th Street, S.E.
Charleston, WV 25304
(304) 926-0450
fax: (304) 926-0452

Harold D. Ward, Cabinet Secretary
www.dep.wv.gov

Wednesday, October 7, 2026
WELL WORK PERMIT
Vertical / New Drill

AMERICAN DISPOSAL SERVICES OF WEST VIRGINIA, INC.
SHORT CREEK LANDFILL
258 NORTH FORK RD
WHEELING, WV 26003

Re: Permit approval for SHORT CREEK DEEPWELL No. 1
47-069-00384-00-00

This well work permit is evidence of permission granted to perform the specified well work at the location described on the attached pages and located on the attached plat, subject to the provisions of Chapter 22 of the West Virginia Code of 1931, as amended, and all rules and regulations promulgated thereunder, and to any additional specific conditions and provisions outlined in the pages attached hereto. Notification shall be given by the operator to the Oil and Gas Inspector at least 24 hours prior to the construction of roads, locations, and/or pits for any permitted work. In addition, the well operator shall notify the same inspector 24 hours before any actual well work is commenced and prior to running and cementing casing. Spills or emergency discharges must be promptly reported by the operator to 1-800-642-3074 and to the Oil and Gas Inspector.

Please be advised that form WR-35, Well Operators Report of Well Work is to be submitted to this office within 90 days of completion of permitted well work, as should form WR-34 Discharge Monitoring Report within 30 days of discharge of pits, if applicable. Failure to abide by all statutory and regulatory provisions governing all duties and operations hereunder may result in suspension or revocation of this permit and, in addition, may result in civil and/or criminal penalties being imposed upon the operators.

Per 35 CSR 4-5.2.g this permit will expire in two (2) years from the issue date unless permitted well work is commenced. If there are any questions, please feel free to contact me at (304) 926- 0450.

H. Jason Harmon
Chief

Operator's Well Number: SHORT CREEK DEEPWELL No. 1
Farm Name: AMERICAN DISPOSAL SERVICES OF WEST VIRGINIA,
U.S. WELL NUMBER: 47-069-00384-00-00
Vertical New Drill
Date Issued: 10/7/2026

10/09/2026

PERMIT CONDITIONS

West Virginia Code §22-6-11 allows the Office of Oil and Gas to place specific conditions upon this permit. Permit conditions have the same effect as law. Failure to adhere to the specified permit conditions may result in enforcement action.

CONDITIONS

1. If the operator encounters an unanticipated void, or an anticipated void at an unanticipated depth, the operator shall notify the inspector within 24 hours. Modifications to the casing program may be necessary to comply with W. Va. Code §22-6-20, which requires drilling to a minimum depth of thirty feet below the bottom of the void, and installing a minimum of twenty (20) feet of casing. Under no circumstance should the operator drill more than fifty (50) feet below the bottom of the void or install less than twenty (20) feet of casing below the bottom of the void.

2. Pursuant to 35 CSR 4-19.1.a, at the request of the surface owner all water wells or springs within 1000 feet of the proposed well that are actually utilized for human consumption, domestic animals or other general use shall be sampled and analyzed.

3. Pursuant to 35 CSR 4-19.1.c, if the operator is unable to sample and analyze any water well or spring with one thousand (1,000) feet of the permitted well location, the Office of Oil and Gas requires the operator to sample, at a minimum, one water well or spring located between one thousand (1,000) feet and two thousand (2,000) feet of the permitted well location.

4. All pits must be lined with a minimum of 20 mil thickness synthetic liner.

5. In the event of an accident or explosion causing loss of life or serious personal injury in or about the well or while working on the well, the well operator or its contractor shall give notice, stating the particulars of the accident or explosion, to the oil and gas inspector and the Chief within twenty-four (24) hours.

6. During the surface casing and cementing process, in the event cement does not return to the surface, or any other casing string that is permitted to circulate cement to the surface and does not return to the surface, the oil and gas inspector shall be notified within twenty-four (24) hours

7. Well work activities shall not constitute a hazard to the safety of persons.

8. Operator shall provide the Office of Oil & Gas notification of the date that drilling commenced on this well. Such notice shall be provided by sending an email to DEPOOGNotify@wv.gov within 30 days of commencement of drilling.

9. Notification shall be given by the operator to the Oil and Gas Inspector at least 24 hours prior to the construction of roads, locations and/or pits for any permitted work. In addition, the well operator shall notify the same inspector 24 hours before any actual well work is commenced and prior to running and cementing casing.

WW-3B
(Rev. 1/24)

1) API Well No. 47 - 069 - 00384
2) UIC Permit No. 1548-23-69
3) Operator's Well Name/No. Short Creek Deepwell No. 1
4) Date: August 2024

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL & GAS
UIC WELL WORK PERMIT APPLICATION

5) WELL TYPE: ☒ Class 1 (Hazardous or Non-Hazardous Waste) ☐ Class 2D (Oil/Gas Waste Disposal)
☐ Class 2R (Secondary Recovery) ☐ Class 3 (Solution Mining) ☐ Class 6 (Carbon Sequestration)
☐ Deep ☐ Shallow

6) LOCATION: County Ohio County District: Richland Quadrangle: Tiltonsville
Watershed: Upper Ohio South Surface Elevation: 1,088 feet

7) WELL OPERATOR: American Disposal Services of West Virginia, Inc. (ADSWV)
Address 857 Republic Way; Wheeling, WV, 26003

8) DESIGNATED AGENT ADSWV
Address 857 Republic Way; Wheeling, WV, 26003

9) OIL & GAS INSPECTOR TO BE NOTIFIED
Name Strader Gower
Address 2525 West Alexander Rd
Valley Grove, WV 26060

10) DRILLING CONTRACTOR
Name To be provided when Contractor is selected
Address

11) PROPOSED WELL WORK: ☒ New Drill ☐ Drill Deeper ☐ Redrill ☐ Stimulate ☐ Convert
☐ Plug off old formation ☐ Perforate new formation
Other physical change in well (specify)

12) GEOLOGIC TARGET FORMATION Mississippian Formation Depth 1,144 Feet (top) to 1,544 Feet (bottom) BGL
13) Estimated Depth of Completed Well, (or actual depth of existing well): 1,750 Feet BGL
14) Approximate water strata depths: Fresh 434 Feet BGL Salt NA Feet
15) Is coal being mined in the area? ☐ Yes ☒ No Approximate coal seam depths: TBD
16) Approximate void depths (coal, karst, other)
17) Virgin reservoir fracture pressure 887.7 psi . Estimated reservoir fracture pressure 887.7 psi
18) MAXIMUM PROPOSED INJECTION OPERATIONS: Volume Daily 72,000 gallons Bottom hole pressure 754.6 psi
19) DETAILED IDENTIFICATION OF MATERIALS TO BE INJECTED, INCLUDING ADDITIVES:
Non-hazardous leachate from associated landfill

20) FILTERS (if applicable) 23) CATHODIC PROTECTION
21) DESCRIBE PROPOSED WELL WORK AND FRACTURING METHODS IN DETAIL (attach additional sheets)
Drill and complete new Class I disposal well. Planned perforations from 1,144 to 1,544'. Acid stimulation not planned initially but may be needed in the future.

22) CASING AND TUBING PROGRAM

TYPE	PIPE SPECIFICATIONS					FOOTAGE INTERVALS			
	Size	Grade	Weight per ft.	New	Used	Used for Drilling	Left in Well	Cement Fill (Cu.Ft.)	Packers
Conductor	13 3/8	J/K-55	54.5 lb/ft	New			0-80'	97 cu.ft. redi-mix	
Fresh Water		-		-					Approximate depth 434 Ft
Coal									
Surface	8 5/8	J/K-55	24 lb/ft	New			0-600'	321.7 cu.ft.Class A	
Production	5 1/2	J/K-55	17 lb/ft	New			0-1,750'	223 cu.ft. Class A	
Tubing	2 7/8	N-80	6.4 lb/ft	New			0-1,050'		Tension set pkr at 1,050 ft
Liners	-								Perforations (Top-Bottom)
									1,144 - 1,225 ft, 1,380 - 1,428 ft
									1,456 - 1,544 ft

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Office of Oil and Gas
FEB 17 2026
WV Department of Environmental Protection

23) APPLICANTS OPERATING RIGHTS for the proposed activity were acquired from North Fork Landfill, Inc. by deed ☒ lease ☐ other contract ☐ dated May 21, 2001 of record in the Ohio County Clerk's office in Wheeling Book 727 Page 92

24) SIGNATURE: I certify under penalty of law that all the information submitted above is true and correct to the best of my knowledge. Date: 12/18/2025

Strader Gower
08/27/2026

10/09/2026

4706900384

WW-2A
(Rev. 6-14)

1). Date: _____

2.) Operator's Well Number Short Creek Deepwell No. 1

3.) API Well No.: State 47- County 069 - Permit 00384

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
NOTICE AND APPLICATION FOR A WELL WORK PERMIT

4) Surface Owner(s) to be served:
(a) Name American Disposal Services of West Virginia, Inc.
Address 857 Republic Way; Wheeling, WV, 26003

(b) Name _____
Address _____

(c) Name _____
Address _____

6) Inspector Strader Gower
Address 2525 West Alexander Rd
Valley Grove, WV 26060
Telephone 304-993-6188

5) (a) Coal Operator
Name _____
Address _____

(b) Coal Owner(s) with Declaration
Name Windsor Coal Company LLC
Address Attn: Land Department
275 Technology Drive, Suite 101
Canonsburg, PA 15317

Name _____
Address _____

(c) Coal Lessee with Declaration
Name _____
Address _____

TO THE PERSONS NAMED ABOVE TAKE NOTICE THAT:

___ Included is the lease or leases or other continuing contract or contracts by which I hold the right to extract oil and gas

OR

X Included is the information required by Chapter 22, Article 6, Section 8(d) of the Code of West Virginia (see page 2)

I certify that as required under Chapter 22-6 of the West Virginia Code I have served copies of this notice and application, a location plat, and accompanying documents pages 1 through 12 on the above named parties by:

X Personal Service (Affidavit attached)
___ Certified Mail (Postmarked postal receipt attached)
___ Publication (Notice of Publication attached)

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Office of Oil and Gas
FEB 17 2026
WV Department of
Environmental Protection

I have read and understand Chapter 22-6 and 35 CSR 4, and I agree to the terms and conditions of any permit issued under this application.

I certify under penalty of law that I have personally examined and am familiar with the information submitted on this application form and all attachments, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate and complete.

I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

Well Operator American Disposal Services of West Virginia , Inc.
By: [signature]
Its: Vice President
Address: 857 Republic Way
Wheeling, WV 26003
Telephone: 610-576-2927
Email: janderson@republicservices.com

Commonwealth of Pennsylvania - Notary Seal
Rasheeda Hutchins, Notary Public
Chester County
My commission expires July 22, 2029
Commission number 1460829
Member, Pennsylvania Association of Notaries

Subscribed and sworn before me this 18 day of December , 2025

Rasheeda Hutchins Notary Public

My Commission Expires July 22 2029

Oil and Gas Privacy Notice

The Office of Oil and Gas processes your personal information, such as name, address and phone number, as a part of our regulatory duties. Your personal information may be disclosed to other State agencies or third parties in the normal course of business or as needed to comply with statutory or regulatory requirements, including Freedom of Information Act requests. Our office will appropriately secure your personal information. If you have any questions about our use of your personal information, please contact DEP's Chief Privacy Officer at depprivacyofficer@wv.gov

10/09/2026

WW-2A Surface Waiver
(4/16)

SURFACE OWNER WAIVER

County Ohio

Operator American Disposal Services of West Virginia, Inc.
Operator well number Short Creek Deepwell No. 1

INSTRUCTIONS TO SURFACE OWNERS NAMED ON PAGE WW2-A

The well operator named on page WW2A is applying for a permit from the State to do oil or gas well work. (Note: If the surface tract is owned by more than three persons, then these materials were served on you because your name appeared on the Sheriff's tax ticket on the land or because you actually occupy the surface tract. In either case, you may be the only owner who will actually receive these materials.) See Chapter 22 of the West Virginia Code. Well work permits are valid for 24 months. If you do not own any interest in the surface tract, please forward these materials to the true owner immediately if you know who it is. Also, please notify the well operator and the Office of Oil and Gas.

NOTE: YOU ARE NOT REQUIRED TO FILE ANY COMMENT.

WHERE TO FILE COMMENTS AND OBTAIN ADDITIONAL INFORMATION:

RECEIVED
Office of Oil and Gas
FEB 17 2026
WV Department of
Environmental Protection

Chief, Office of Oil and Gas
Department of Environmental Protection
601 57th St. SE
Charleston, WV 25304
(304) 926-0450

Time Limits and methods for filing comments. The law requires these materials to be served on or before the date the operator files his Application. You have **FIFTEEN (15) DAYS** after the filing date to file your comments. Comments must be filed in person or received in the mail by the Chief's office by the time stated above. You may call the Chief's office to be sure of the date. Check with your postmaster to ensure adequate delivery time or to arrange special expedited handling. If you have been contacted by the well operator and you have signed a "voluntary statement of no objection" to the planned work described in these materials, then the permit may be issued at any time.

Comments must be in writing. Your comments must include your name, address and telephone number, the well operator's name and well number and the approximate location of the proposed well site including district and county from the application. You may add other documents, such as sketches, maps or photographs to support your comments.

The Chief has the power to deny or condition a well work permit based on comments on the following grounds:

1) The proposed well work will constitute a hazard to the safety of persons.
2) The soil erosion and sediment control plan is not adequate or effective;
3) Damage would occur to publicly owned lands or resources;
4) The proposed well work fails to protect fresh water sources or supplies;
5) The applicant has committed a substantial violation of a previous permit or a substantial violation of one or more of the rules promulgated under Chapter 22, and has failed to abate or seek review of the violation...".

If you want a copy of the permit as it is issued or a copy of the order denying the permit, you should request a copy from the Chief.

List of Water Testing Laboratories. The Office maintains a list of water testing laboratories which you can hire to test your water to establish water quality prior to and after drilling. Contact the Chief to obtain a copy.

VOLUNTARY STATEMENT OF NO OBJECTION

I hereby state that I have read the instructions to surface owners and that I have received copies of a Notice and Application for a Well Work Permit on Form WW2-A, and attachments consisting of pages 1 through 12 including a work order on Form WW2-B, a survey plat, WW-9, and a soil and erosion plan, all for proposed well work on my surface land as described therein.

I further state that I have no objection to the planned work described in these materials, and I have no objection to a permit being issued on those materials.

FOR EXECUTION BY A NATURAL PERSON

_____ Date _____
Signature

_____
Print Name

FOR EXECUTION BY A CORPORATION, ETC.

Company Name: American Disposal Services of West Virgina, Inc.
By: Jake Anderson 12/18/2025
Its: Vice President 12/18/2025
Signature Date

10/09/2026

4706900384

WW-2A Coal Waiver

COAL OPERATOR, OWNER, OR LESSEE WAIVER

County Ohio
Operator American Disposal Services of West Virginia, Inc. Operator's Well Number Short Creek Deepwell No. 1

INSTRUCTIONS TO COAL OPERATOR, OWNER, OR LESSEE

To the coal operator, owner, or lessee named on page WW2-A. You are hereby notified that any objection you wish to make or are required to make by WV Code 22-6-15, 16 or 17, must be filed with the Chief of the Office of Oil and Gas within fifteen (15) days after the receipt of this application by the Office. Mail objections to:

Chief, Office of Oil and Gas
Department of Environmental Protection
601 57th St. SE
Charleston, WV 25304
(304) 926-0499 extension 1654

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Office of Oil and Gas
FEB 17 2026
WV Department of
Environmental Protection

WAIVER

The undersigned coal operator _____/ owner ✓ / lessee _____/ of the coal under this well location has examined this proposed well location. If a mine map exists which covers the area of well location, the well location has been added to the mine map. The undersigned has no objection to the work proposed to be done at this location, provided, the well operator has complied with all applicable requirements of the West Virginia Code and the governing regulations.

FOR EXECUTION BY A NATURAL PERSON

_____ Date _____
Signature

FOR EXECUTION BY A CORPORATION, ETC.

Company Name Windsor Coal Company LLC
By Attn: Land Department
Its 275 Technology Drive, Suite 101 Date
Canonsburg, PA 15317
Signature VICE PRESIDENT 12/12/2025
Date

WW-2B1
(5-12)

Well No. Short Creek Deepwell No. 1

West Virginia Department of Environmental Protection
Office of Oil and Gas

NOTICE TO SURFACE OWNERS

The well operator named below is preparing to file for a permit from the state to drill a new well. Before a well work permit can be filed with the Chief of the Office of Oil and Gas, the well operator is required to have given notice of the right to request water well or spring analytical testing. This notice shall be given to the owners or occupants of land which have a water well or spring being utilized for human consumption, domestic animals, or other general use and which is located within 1000 feet of the proposed well site.

With this form, the operator is giving you notice of your right to request analytical testing. The operator is required to sample and analyze the water wells or springs of all owners or occupants who request it. Therefore, if you wish to have your water well or spring tested, contact the operator named below.

All sampling shall be completed prior to drilling. Within thirty (30) days of the receipt of such sample analyses the operator shall submit the results to the Chief of the Office of Oil and Gas and to the owners or occupants who may have requested them.

Be advised, you have the right to sample and analyze any water supply at your own expense.

Listed below is the laboratory chosen by operator to perform analysis, and contactor chosen to collect sample.

Certified Laboratory Name: Pace (WV)
Sampling Contractor: Civil & Environmental Consultants, Inc.

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Well Operator: American Disposal Service of West Virginia, Inc.
Address: 857 Republic Way
Wheeling, WV 26003

Telephone: 610-576-2927

FOR OPERATOR'S USE ONLY: Below, or on an attached page, list those persons which were given this notice. Place an asterisk beside the one(s) that contacted you and requested sampling and analyses. If there were no requests made, indicate by underling which one you have selected to sample and analyze. If there are no water wells or springs within 1000 feet of the proposed site, the Chief may require the operator to test wells up to 2000 feet from the proposed site.

47-069-00384

WW-9
(5/16)

API Number 47 - _____ - _____
Operator's Well No. Short Creek Deepwell No. 1

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS
FLUIDS/ CUTTINGS DISPOSAL & RECLAMATION PLAN

Operator Name American Disposal Services of West Virginia, Inc. OP Code _____

Watershed (HUC 10) Upper Ohio South Quadrangle Tiltonsville

Do you anticipate using more than 5,000 bbls of water to complete the proposed well work? Yes ☐ No ☒

Will a pit be used? Yes ☐ No ☒

If so, please describe anticipated pit waste: _____

Will a synthetic liner be used in the pit? Yes ☐ No ☐ If so, what ml.? _____

Proposed Disposal Method For Treated Pit Wastes:

_____ Land Application (if selected provide a completed form WW-9-GPP)
_____ Underground Injection (UIC Permit Number _____)
_____ Reuse (at API Number _____)
_____ Off Site Disposal (Supply form WW-9 for disposal location)
_____ Other (Explain _____

Will closed loop systembe used? If so, describe: Yes

Drilling medium anticipated for this well (vertical and horizontal)? Air, freshwater, oil based, etc. Freshwater

-If oil based, what type? Synthetic, petroleum, etc. _____

Additives to be used in drilling medium? Barite, Bentonite, Calcium Carbonate, Gilsonite - if needed

Drill cuttings disposal method? Leave in pit, landfill, removed offsite, etc. onsite landfill

-If left in pit and plan to solidify what medium will be used? (cement, lime, sawdust) _____

-Landfill or offsite name/permit number? WVR107091 / #SWF-1034

Permittee shall provide written notice to the Office of Oil and Gas of any load of drill cuttings or associated waste rejected at any West Virginia solid waste facility. The notice shall be provided within 24 hours of rejection and the permittee shall also disclose where it was properly disposed.

I certify that I understand and agree to the terms and conditions of the GENERAL WATER POLLUTION PERMIT issued on April 1, 2016, by the Office of Oil and Gas of the West Virginia Department of Environmental Protection. I understand that the provisions of the permit are enforceable by law. Violations of any term or condition of the general permit and/or other applicable law or regulation can lead to enforcement action.

I certify under penalty of law that I have personally examined and am familiar with the information submitted on this application form and all attachments thereto and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine or imprisonment.

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Company Official Signature _____

Company Official (Typed Name) JAKE ANDERSON

Company Official Title VICE PRESIDENT

Subscribed and sworn before me this 18 day of December, 20 25

Rasheeda Hutchins Notary Public

My commission expires July 22, 2029

Commonwealth of Pennsylvania - Notary Seal
Rasheeda Hutchins, Notary Public
Chester County
My commission expires July 22, 2029
Commission number 1260829
Member, Pennsylvania Association of Notaries

10/09/2026

Form WW-9

Operator's Well No. Short Creek Deepwell No. 1

Proposed Revegetation Treatment: Acres Disturbed TBD Prevegetation pH _____

Lime Pelletized Lime Tons/acre or to correct to pH 2 tons/acre* Unless otherwise indicated by soil test results

Fertilizer type 10-20-20 Fertilizer

Fertilizer amount 500 lbs/acre

Mulch Hay/Straw Tons/acre

Seed Mixtures

Temporary		Permanent	
Seed Type	lbs/acre	Seed Type	lbs/acre
Annual Ryegrass	10-15 lbs/acre	Blend of Orchardgrass (~40%), Timothy (~15%), Annual Ryegrass (~15%) RedTop, Brown Top Millet, Medium Red Clover, White Clover, Birdsfoot Trefoil, and Rough Bluegrass (~5% each)	100-200 lbs/acre total
Winter Wheat or Grain Oats	30-50 lbs/acre		
Foxtail Millet or Browntop Millet	10 lbs/acre		

Attach:
Maps(s) of road, location, pit and proposed area for land application (unless engineered plans including this info have been provided). If water from the pit will be land applied, provide water volume, include dimensions (L, W, D) of the pit, and dimensions (L, W), and area in acres, of the land application area.

Photocopied section of involved 7.5' topographic sheet.

Plan Approved by: Strader Gower

Comments: _____

Title: Oil & Gas Inspector Date: 08/27/2026

Field Reviewed? (X) Yes ( ) No

WW-9- GPP
Rev. 5/16

Page _____ of _____
API Number 47 - _____ - _____
Operator's Well No. Short Creek Deepwell No. 1

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS
GROUNDWATER PROTECTION PLAN

Operator Name: American Disposal Services of West Virginia, Inc.

Watershed (HUC 10): Upper Ohio South Quad: Tiltonsville

Farm Name: _____

1. List the procedures used for the treatment and discharge of fluids. Include a list of all operations that could contaminate the groundwater.

Deep well disposal (UIC Class I) of the proposed waste streams will provide an environmentally safe and lower-risk method of waste disposal. Deep well disposal significantly reduces the potential for human and environmental exposure that could occur with alternate waste disposal methods.

2. Describe procedures and equipment used to protect groundwater quality from the list of potential contaminant sources above.

Republic proposes 1 monitor well designed to monitor potential leakage from the proposed Class I Injection Well. The proposed location of the monitor well is presented on Figure 1. The monitor well will be completed in the lowermost USDW, and the parameters being monitored in the existing monitor wells will also be analyzed from the samples taken in this monitor well. If a contaminant is identified in the UIC monitor well, operation of the Class I Well will cease immediately and Republic will develop a plan to evaluate the source of contamination.

3. List the closest water body, distance to closest water body, and distance from closest Well Head Protection Area to the discharge area.

The closest water body to the proposed Class I UIC well is the Short Creek North Fork, located approximately 250 ft north of the proposed injection well as shown in Figure 1.

The closest Well Head Protection Area is associated with the Wheeling Water Public Water Supply (PWSID WV3303516) located 3.6 miles southwest of the proposed injection well as shown in Figure 2.

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4. Summarize all activities at your facility that are already regulated for groundwater protection.

The primary operations at this facility are the acceptance and disposal of non-hazardous solid waste via landfill. Since the facility is a transfer station, it operates under solid waste permit #SWF-1034/WV0109517. There are currently ~11 shallow monitor wells, monitoring for surface contamination from the landfill.

5. Discuss any existing groundwater quality data for your facility or an adjacent property.

WW-9- GPP
Rev. 5/16

Page _____ of _____
API Number 47 - _____ - _____
Operator's Well No. _____

The facility currently monitors groundwater on a semi-annual basis. No contamination has been found. The groundwater reports can be found in the site operating record.

6. Provide a statement that no waste material will be used for deicing or fill material on the property.

No wastes will be used as material for deicing, filling, or any other use at this facility unless approved in writing by the Chief of the Office of Water Resources of the West Virginia DEP, or as provided for in an existing regulation or permit.

7. Describe the groundwater protection instruction and training to be provided to the employees. Job procedures shall provide direction on how to prevent groundwater contamination.

All site personnel will be trained to achieve an adequate understanding of this Groundwater Protection Plan. New personnel will be trained as soon after hire as possible. The Facility Manager is responsible for groundwater protection at the site and will be notified if anything that could potentially degrade groundwater occurs (i.e., spills, etc.). The Facility Manager will notify emergency contacts in the event of identified contamination.

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8. Provide provisions and frequency for inspections of all GPP elements and equipment.

The facility will monitor groundwater in the proposed monitoring well on a semi-annual basis. The Facility Manager is responsible for the performance of quarterly inspections at the facility to ensure that all elements and equipment of the facilities groundwater monitoring. The Facility Manger, or his designee, will conduct inspections. Inspections will be recorded on a form. Written reports will be maintained on-site for at least three years.

Signature: _____

Date: 12/18/2025

Proposed Stimulation Plan

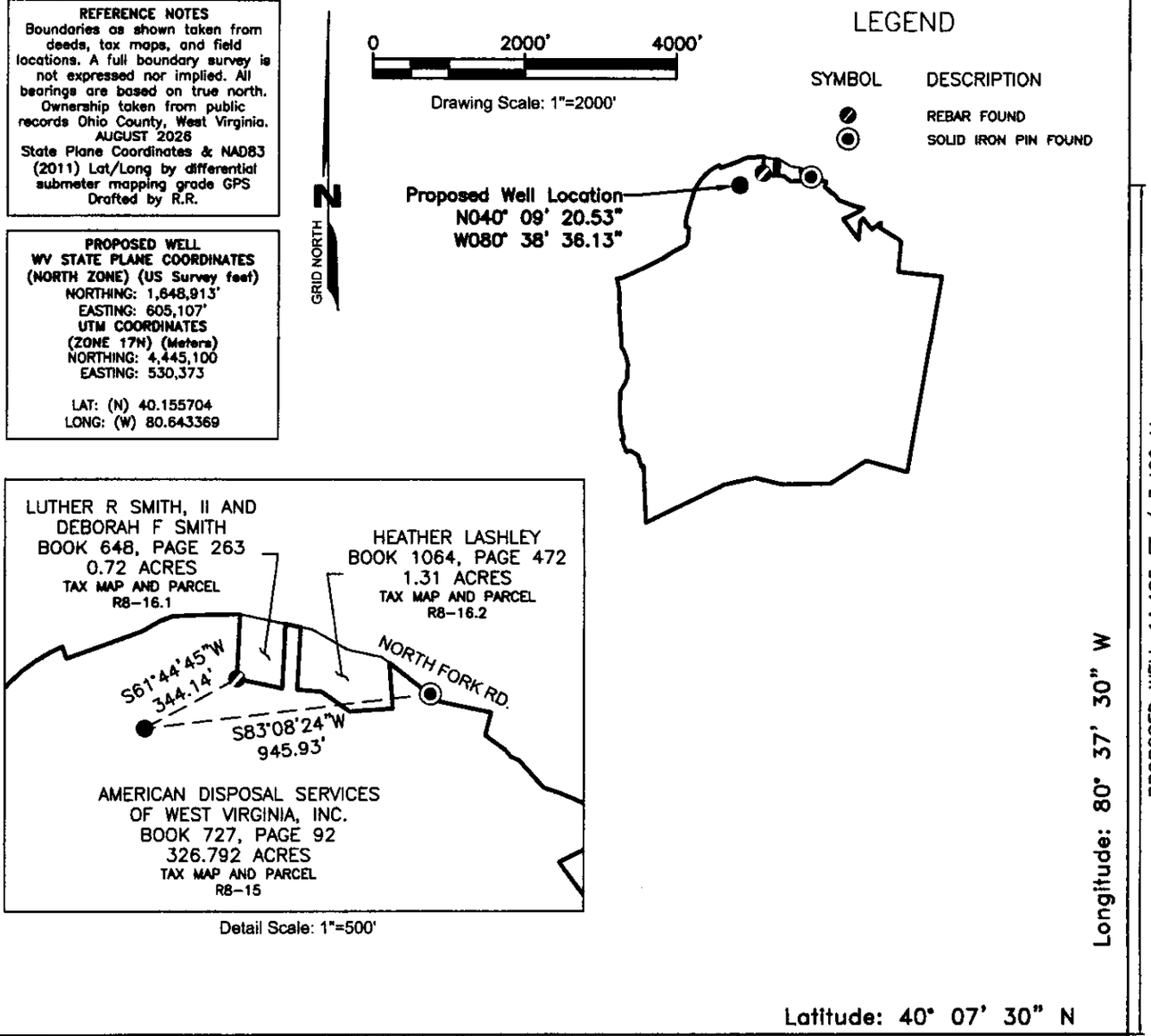
Should it be determined after drilling the well that stimulation of the Injection Interval is necessary to address the removal of formation skin damage, the well will be acidized using 15% HCl. Specific volumes and treatment specifications will be determined based on an analysis of the apparent agent creating the skin damage. The stimulation program will be designed to achieve the needed injection capacity and injectivity parameters, and the treatment will be performed at a pressure below the fracture pressure of the Injection Interval formation. A plan will be prepared and submitted to WV UIC Program for approval prior to implementation of the plan.

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REFERENCE NOTES
Boundaries as shown taken from deeds, tax maps, and field locations. A full boundary survey is not expressed nor implied. All bearings are based on true north. Ownership taken from public records Ohio County, West Virginia.
AUGUST 2026
State Plane Coordinates & NAD83 (2011) Lat/Long by differential submeter mapping grade GPS
Drafted by R.R.

PROPOSED WELL
WV STATE PLANE COORDINATES
(NORTH ZONE) (US Survey feet)
NORTHING: 1,648,913'
EASTING: 605,107'
UTM COORDINATES
(ZONE 17N) (Meters)
NORTHING: 4,445,100
EASTING: 530,373

LAT: (N) 40.155704
LONG: (W) 80.643369



FILE # _____

DRAWING #: _____

SCALE: 1"=800'

MINIMUM DEGREE OF ACCURACY: 1/200

PROVEN SOURCE SUBMETER MAPPING OF ELEVATION: GRADE GPS

I, THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION.

Signed: _____

R.P.E.: _____ L.L.S.: 2422

STEVEN L. SEESE LICENSED No. 2422 STATE OF WEST VIRGINIA PROFESSIONAL SURVEYOR

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

WVDEP
OFFICE OF OIL & GAS
601 57TH STREET
CHARLESTON, WV 25304

DATE: 09/21/2026

OPERATOR'S WELL #: SHORT CREEK DEEP WELL #1

API WELL #: 47 (STATE) 069 (COUNTY) 00384 (PERMIT)

Well Type: ☐ Oil ☒ Waste Disposal ☐ Production ☐ Deep
☐ Gas ☐ Liquid Injection ☐ Storage ☐ Shallow

WATERSHED: UPPER OHIO SOUTH ELEVATION: 870'

COUNTY/DISTRICT: OHIO COUNTY, RICHLAND DISTRICT QUADRANGLE: TILTONSVILLE, OH.

SURFACE OWNER: AMERICAN DISPOSAL SERVICES OF WEST VIRGINIA, INC ACREAGE: 326.792 +/-

OIL & GAS ROYALTY OWNER: AMERICAN DISPOSAL SERVICES OF WEST VIRGINIA, INC ACREAGE: 326.792 +/-

DRILL ☒ CONVERT ☐ DRILL DEEPER ☐ REDRILL ☐ FRACTURE OR STIMULATE ☐

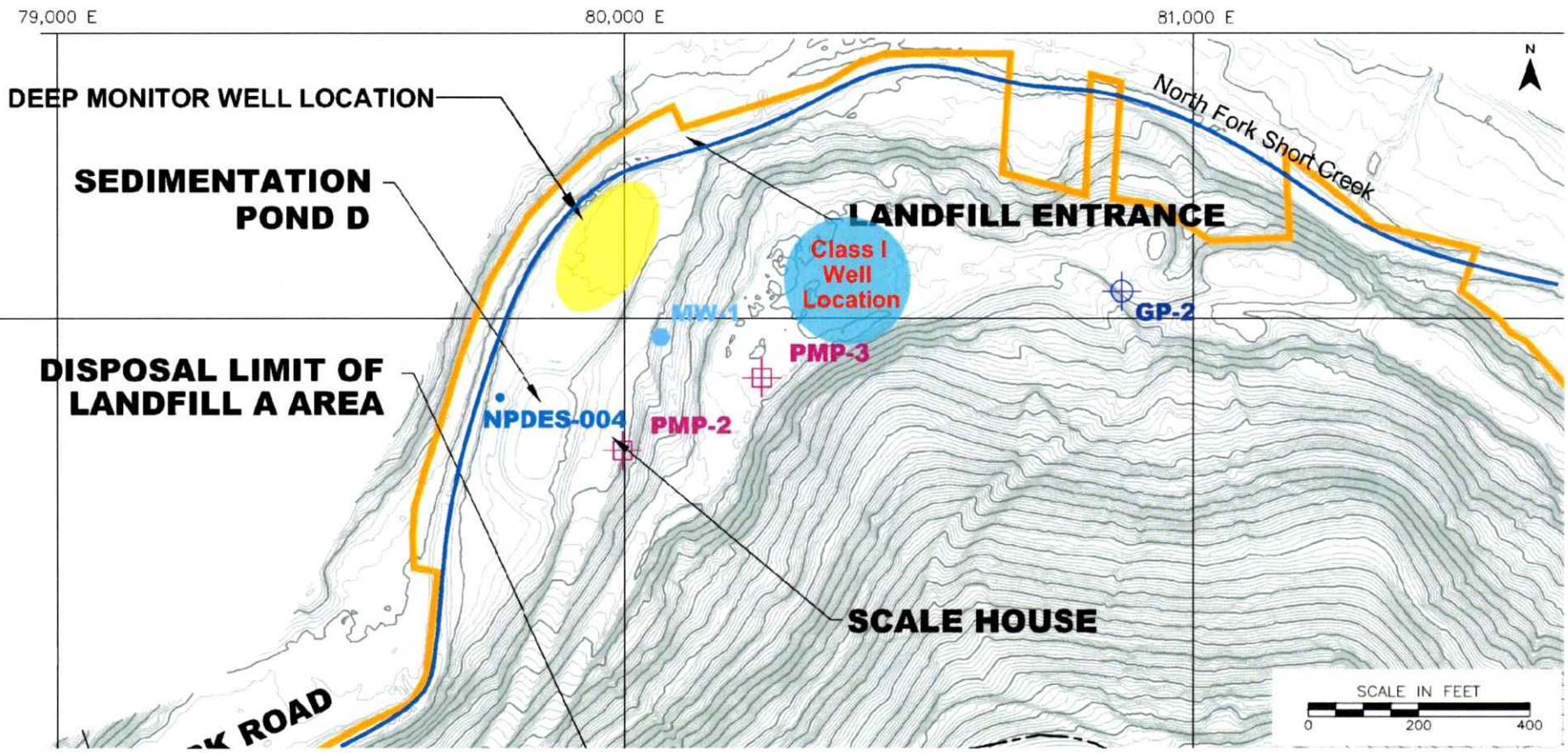
PLUG OFF OLD FORMATION ☐ PERFORATE NEW FORMATION ☐ PLUG & ABANDON ☐ 10/09/2026

CLEAN OUT & REPLUG ☐ OTHER CHANGE ☐ (SPECIFY): _____

TARGET FORMATION: LOWER MAUCH CHUNK AND LOWER GREENBRIER FORMATION ESTIMATED DEPTH: 1,750 FT BGL

WELL OPERATOR: AMERICAN DISPOSAL SERVICES OF WEST VIRGINIA (ADSWV)
Address: 857 REPUBLIC WAY
City: WHEELING State: WV Zip Code: 26003

DESIGNATED AGENT: TOM BEARY
Address: 857 REPUBLIC WAY
City: WHEELING State: WV Zip Code: 26003



Source: https://oehsportal.wvdhhr.org/wvswap/

WSP USA Inc.
9655 Katy Freeway, Ste 200
Houston TX 77024
TEL: (281) 589-5900

RECEIVED
Office of Oil and Gas
FEB 17 2026
WV Department of Environmental Protection

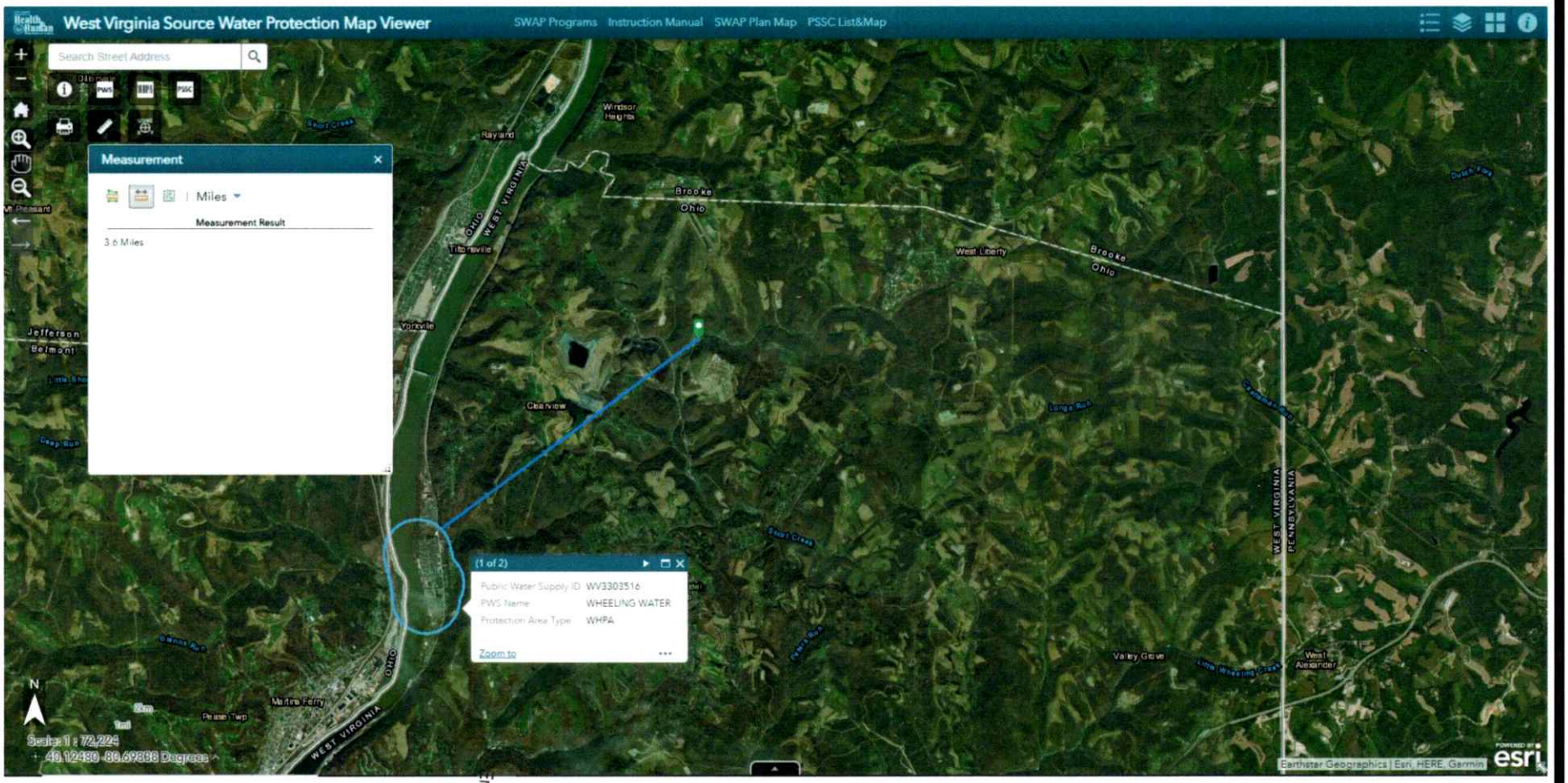
REPUBLIC SERVICES
SHORT CREEK LANDFILL GROUNDWATER PROTECTION PLAN

PROPOSED LOCATION OF MONITORING WELL

Job No. 192128WUESS.2058

Drawn:	Checked:	Approved:	Date:	Scale:	Figure No.
WDD	JPA	MEC	03/27/2025	None	1

4706900384



Source: https://oehsportal.wvdhhr.org/wvswap/

RECEIVED
Office of Oil and Gas
FEB 17 2026
WV Department of
Environmental Protection

WSP USA Inc.
9655 Katy Freeway, Ste 200
Houston TX 77024
TEL: (281) 589-5900

REPUBLIC SERVICES
SHORT CREEK LANDFILL GROUNDWATER PROTECTION PLAN

WELL HEAD PROTECTION AREA

Job No.	192128WUESS.2058

Drawn:	WDD	Checked:	JPA	Approved:	MEC	Date:	03/27/2025	Scale:	Above	Figure No.	2

4706900384

11-15-2016

CHECKLIST OF FILING A PERMIT
(Not for Horizontal 6A Wells)

API# 4706906384
Operator: _____
Well #/Name: _____
Reviewed By: _____
End of Comment Period: _____

I. New Drill

- [X] WW-2B
- [X] WW-2B signed off by inspector
- [X] WW-2A
- [ ] ~~Certified Mail Receipts or affidavit of personal service~~
- [X] Surface Owner Waiver
- [X] Coal Owner/Lessee/Operator Waiver
- [ ] ~~WW-2A (1) including page and book and royalty percentage~~
- [X] WW-2B (1) (If there are sources to be tested – we need names, addresses and location on topo listed as water testing)
- [X] WW-9 (page 1 and 2)
- [X] Inspector Signature on WW-9
- [X] Reclamation Plan
- [X] Mylar Plat
- [X] Topography Map of the proposed location
- [ ] Database for Coal Depths, Permits, Boundaries
- [X] Bond
- [X] A check for $650.00 shallow well, ~~$900.00 Deep well~~ PAID BY CREDIT CARD
- [X] Workers Comp/Employ/Registered with the SOS. OK

II. Re-Work, Frac and Drill Deeper Permits

- [ ] WW-2B
- [ ] WW-2B signed off by inspector
- [ ] WW-2A
- [ ] Surface Owner Waiver
- [ ] Coal Owner/Lessee/Operator Waiver
- [ ] WW-2A (1) including book and page and royalty percentage.
- [ ] WW-9 (page 1 and 2)
- [ ] Inspector Signature on WW-9
- [ ] Reclamation Plan
- [ ] Mylar Plat
- [ ] Topography Map of location for the well and pit
- [ ] Database for Coal Depths, Permits, Boundaries
- [ ] Certified Mail Receipts or affidavit of person service
- [ ] Completion/Well Records of previous work
- [ ] Bond
- [ ] A check for $650.00 if no pit $550.00
- [ ] Workers Comp/Employ. OK

10/09/2026

47-069-00384

DEPOSIT

REV 2-9-17

DEPARTMENT OF ENVIRONMENTAL PROTECTION

Office Oil and Gas

Prepared by : Renae Whitlock Phone ext. 41100

Date 4/30/2026

Revenue _____ Deposit _____

Type check (cash, checks, wire transfer, etc.)

Description:

Oil and Gas permits and transfers

per Diana White

permit for well work
Short Creek Landfill
$550 - O&G
cwolfe@republicservices.com
304-368-7722

Fund	Sub-fund	Dept	Unit	Rev Src	Sub-Rev Src	Amount
3334		**0313**	**0313-9254**	**6868**	**0000**	
3322		**0313**	**0313-9254**	**6869**	**4425**	
3322		**0313**	**0313-9254**	**6869**	**0000**	**$150.00**
3322		**0313**	**0313-9254**	**6714**	**4195**	
3323		**0313**	**0313-9280**	**6869**	**0000**	**$400.00**
3323		**0313**	**0313-9280**	**6714**	**0000**	
3323		**0313**	**0313-9280**	**6714**	**4195**	
3323		**0313**	**0313-9280**	**6869**	**4426**	
3323		**0313**	**0313-9280**	**6869**	**4097**	
3220		0313	0313-9470	6696	9460	
3327		0313	0313-9260	6696	9460	
3323		**0313**	**0313-9280**	**6868**	**0000**	
3323		0313	0313-9280	6869	0000	
3322		313	0313-9254	6696	9188	

Total Amount **$550.00**

WV Dept of Env. Prot.
601 57th St SE
Charleston, WV 25304
304-926-0499

SALE

Bank ID: 000000 REF#: 00000019
Batch #: 1453 RRN: 120387750806
04/30/26 14:06:46
AVS: Z CVC: M
Invoice #: OG

APPR CODE: 07197S
VISA
**********0043 Manual CP
/

AMOUNT $550.00

APPROVED

SIGNATURE NOT REQUIRED

I AGREE TO PAY ABOVE TOTAL AMOUNT IN ACCORDANCE WITH CARD ISSUER'S AGREEMENT
(MERCHANT AGREEMENT IF CREDIT VOUCHER)
RETAIN THIS COPY FOR STATEMENT VERIFICATION

Thank You
Please Come Again

MERCHANT COPY

10/09/2026