

	Applicant: CHARLES TOWN, CITY	Type: New NPDES/State Storm
	OF	Water Construction #1
	Reference ID: Sidewinder Raw	Permit ID: WVR113389
	Water Line (11/24/2025)	Printed: Sep. 06, 2026 2:31 PM
	Status: ERIS - Closed - Issued	

Sections 1 - 3: Project Information

Section 1: Project

Name:

Section 2: Applicant

Applicant Name: **Attention:** **Address Line 1:** **Address Line 2:** **City:** **State:** **Postal Code:**

PostalCode Ref.

Telephone No.: (###-###-####)**Fax Number:** (###-###-####)**Email Address:** **Country:**

Section 3: Contractor

Same As Applicant's Address?: **Contractor Known?** **Contractor Name:** **Attention:** **Address Line 1:** **Address Line 2:** **City:** **State:** **Postal Code:**

PostalCode Ref.

Telephone No.: (###-###-####)**Fax Number:** (###-###-####)**Email Address:** **Country:** Section 4: Preparer's Information

Section 4: Preparer's Information

Preparer's Name: **Company's Name:** **Address Line 1:** **Address Line 2:** **City:** **State:** **Postal Code:**

PostalCode Ref.

Telephone No.: (###-###-####)

304-725-8456

Fax Number: (###-###-####)

Email Address rpish@ifs-ae.com

Country United States of America

Sections 5 - 8: Site Information

Section 5

Acres disturbed: 4.08

Rain Fall Zone: 4

Application Fee:

Fees Schedule

852

Is this proposed project acreage included within or part of a previously permitted project or area?

☒ No☐ Yes

Previously permitted project permits number(s):

Section 6: Coordinates

Is this a linear project? ☒ Interactive Mapper

Latitude Beginning Point

Degrees: 39

Minutes: 18

Seconds:

N (ss.ssss)

3.1200

Longitude Beginning Point

Degrees: 77

Minutes: 58

Seconds:

W (ss.ssss)

7.0400

 Interactive Mapper for MidPoint

Latitude MidPoint

Degrees: 39

Minutes: 18

Seconds:

N (ss.ssss)

20.2300

Longitude MidPoint

Degrees: 77

Minutes: 58

Seconds:

W (ss.ssss)

48.0500

 Interactive Mapper for Ending Point

Latitude Endpoint

Degrees: 39

Minutes: 48

Seconds:

N (ss.ssss)

13.8100

Longitude Endpoint

Degrees: 77

Minutes: 59

Seconds:

W (ss.ssss)

23.9300

Geospatial Method:

Datum:

UTM Zone:

UTM Northing:

UTM Easting:

Section 7: Location

Facility Address:

Nearest Town:

County Name:

County Route:

Postal Code:

Section 8: Receiving Stream(s)

Unnamed Tributary of ☐

First Tributary

Second Tributary

Third Tributary

Fourth Tributary

Major Basin:

Municipal System Operator (if applicable):

Is this project located within the city limits of a municipality or a MS4?

- ☐ Yes
- ☒ No

From route 81, take exit 5 to WV 51. Go east on WV 51 for approximately 6.3 and turn right onto Russell way. The end of Russell Way is the beginning of the water line construction. The path of the project follows WV 51 to Old Middleway Pike (C.R. 1/7), then East Street (C.R. 1/8), then Grace Street (C.R. 1/8), then terminating at the intersection of Grace Street (C.R 1/8) and Brucetown Road (C.R. 1/8).

Directions to Site:

Note: If the project is located within a TMDL watershed, enhanced BMP's are required.

Attachment Required: Please attach a Topographic Map of the site.

Sections 9 - 11: Description of Project, Estimates, and Cubic Yards

Section 9

This project is for the construction of +/- 8,890 linear feet of waterline. The total impervious area created by the development of the project area is 0 acres. Associated grading volumes for the proposed improvements are 6,000 CY cut and 6,000 CY fill (not to be used for bidding purposes).

Project Description:

Section 10

Estimated Start Date for Project:

Estimated Completion Date for Project:

Section 11

Cubic Yards of Excavation (Cut/Fill) and Waste/Borrow Sites (Attached Soils Report):

6,000 cut/6,000 Fill. No waste/borrow sites

Sections 12 - 14: Relative Time Line, Sediment Controls, and Sequence

Section 12

Construction to take approximately 6 months. Since this is a linear project, clearing and grubbing, excavation, backfilling, and stabilization will be occurring throughout. No more than 500 linear feet of trench are to be open at one time.

Relative Time Line of Construction Activities:

If any of the following are true, select "Yes":

- The grading phase of construction will last for 1 year or longer.
- 100 acres or more will be disturbed.
- There will be discharge into Tier 3 water.

☐ Yes

☒ No

If yes, Please submit a signed and notarized statement for billing so that the project can be sent out to public notice.

See instructions for details

Section 13

UNLESS OTHERWISE NOTED, ALL VEGETATIVE AND STRUCTURAL EROSION AND SEDIMENT CONTROL MEASURES ARE TO BE CONSTRUCTED AND MAINTAINED IN STRICT COMPLIANCE WITH THE LATEST EDITION OF THE WEST VIRGINIA EROSION AND SEDIMENT CONTROL BEST MANAGEMENT PRACTICE MANUAL AND APPLICABLE FEDERAL, STATE, AND LOCAL REGULATIONS.

1. MARK CLEARING LIMITS:
PRIOR TO BEGINNING LAND DISTURBING ACTIVITIES, CLEARLY MARK ALL CLEARING LIMITS, SENSITIVE AREAS AND THEIR BUFFERS, AND TREES THAT ARE TO BE PRESERVED WITHIN THE CONSTRUCTION AREA. PLASTIC, METAL, OR STAKE WIRE FENCE MAY BE USED TO MARK CLEARING LIMITS. SAFETY FENCE SHOULD BE INSTALLED TO PREVENT PUBLIC ACCESS TO POTENTIALLY HAZARDOUS AREAS OF THE SITE AND TO PREVENT ACCESS TO EROSION AND SEDIMENT CONTROL MEASURES.

2. ESTABLISH CONSTRUCTION ACCESS:
ALL CONSTRUCTION VEHICLES ENTERING THE RUSSELL WAY TRAILER PARK SHALL UTILIZE THE WEST GRAVEL ENTRANCE. ALL WORK OUTSIDE OF THE RUSSELL WAY TRAILER PARK IS TO TAKE PLACE WITHIN THE WVDOH RIGHT-OF-WAY

3. INSTALL SEDIMENT CONTROLS:
THE DUFF LAYER, NATIVE TOPSOIL, AND NATURAL VEGETATION SHALL REMAIN IN AN UNDISTURBED STATE TO THE MAXIMUM EXTENT PRACTICABLE. PRIOR TO LEAVING THE CONSTRUCTION SITE, SURFACE RUNOFF FROM DISTURBED AREAS SHALL PASS THROUGH AN APPROPRIATE SEDIMENT CONTROL MEASURE. BMP'S INTENDED TO TRAP SEDIMENT ON SITE SHALL BE CONSTRUCTED AS ONE OF THE FIRST STEPS IN GRADING. THESE BMP'S SHALL BE FUNCTIONAL PRIOR TO LAND DISTURBING ACTIVITIES TAKING PLACE. EARTHEN STRUCTURES SUCH AS DAMS, DIKES, AND DIVERSIONS SHALL BE SEEDED AND MULCHED AS PER TEMPORARY AND PERMANENT SOIL STABILIZATION MEASURES.

SILT FENCE:
SILT FENCE SHALL BE INSTALLED ALONG THE DOWN-SLOPE SIDES OF DISTURBED AREAS TO INTERCEPT AND DETAIN SMALL AMOUNTS OF SEDIMENT DURING CONSTRUCTION OPERATIONS IN ORDER TO PREVENT SEDIMENT FROM LEAVING THE SITE.

4. STABILIZE SOILS:
THE GENERAL PERMIT REQUIRES THAT:

- STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS PRACTICABLE IN PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED, BUT IN NO CASE MORE THAN FOUR (4) DAYS AFTER THE CONSTRUCTION ACTIVITY IN THAT PORTION OF THE SITE HAS PERMANENTLY CEASED.
- APPLICABLE PRACTICES INCLUDE, BUT ARE NOT LIMITED TO, TEMPORARY AND PERMANENT SEEDING, SODDING, MULCHING, EROSION CONTROL FABRICS AND MATTING, SURFACE ROUGHENING, SURFACE WATER CONTROL, AND DUST CONTROL.
- SELECTED SOIL STABILIZATION MEASURES SHALL BE APPROPRIATE FOR THE TIME OF YEAR, SITE CONDITIONS, AND ESTIMATED DURATION OF USE.
- ALL SOIL STOCKPILES MUST BE STABILIZED AND PROTECTED WITH SEDIMENT TRAPPING MEASURES.
- LINEAR CONSTRUCTION ACTIVITIES SUCH AS RIGHT-OF-WAY AND EASEMENT CLEARING, ROADWAY DEVELOPMENT, PIPELINES, AND TRENCHING FOR UTILITIES, SHALL BE CONDUCTED TO MEET THE SOIL STABILIZATION TIMEFRAME REQUIREMENTS. CONTRACTORS SHALL INSTALL THE BEDDING MATERIALS, ROADBEDS, STRUCTURES, PIPELINES, OR UTILITIES AND RE-STABILIZE THE DISTURBED SOILS SO THAT THE FOUR (4) DAY REQUIREMENTS ARE MET.

TEMPORARY SEEDING:
TEMPORARY STABILIZATION SHALL BE INITIATED WITHIN FOUR (4) DAYS TO AREAS THAT WILL NOT BE RE-DISTURBED FOR MORE THAN FOURTEEN (14) DAYS. AREAS INCLUDE DENUDED AREAS, SOIL STOCKPILES, DIKES, DAMS, SIDES OF SEDIMENT BASINS, TEMPORARY ROAD BANKS, ETC.

PERMANENT SEEDING:
PERMANENT STABILIZATION SHALL BE INITIATED WITHIN FOUR (4) DAYS OF REACHING FINAL GRADE AND WITHIN FOUR (4) DAYS AFTER CONSTRUCTION HAS BEEN COMPLETED. AREAS INCLUDE DISTURBED AREAS WHERE PERMANENT, LONG-LIVED VEGETATIVE COVER IS NEEDED TO STABILIZE THE SOIL AND ROUGH-GRADED AREAS THAT WILL NOT BE BROUGHT TO FINAL GRADE FOR SIX MONTHS OR MORE.

MULCHING:
THE APPLICATION OF STRAW, HAY OR OTHER SUITABLE MATERIALS TO THE SOIL SURFACE TO PREVENT EROSION BY PROTECTING THE SOIL SURFACE FROM RAINDROP IMPACT AND REDUCING THE VELOCITY OF OVERLAND FLOW. AREAS THAT HAVE BEEN TEMPORARILY OR PERMANENTLY SEEDED SHOULD BE MULCHED IMMEDIATELY FOLLOWING SEEDING. AREAS THAT CANNOT BE SEEDED BECAUSE OF THE SEASON SHOULD BE MULCHED TO PROVIDE SOME PROTECTION TO THE SOIL SURFACE.

TOPSOILING:
TOPSOILING IS THE SPREADING OF TOPSOIL OF A SUITABLE QUALITY OVER AN AREA TO BE STABILIZED BY ESTABLISHING VEGETATION. IF TOPSOIL IS TO BE STOCKPILED AT SITE, IT SHALL BE IN A LOCATION THAT WILL NOT ERODE, BLOCK DRAINAGE, OR INTERFERE WITH WORK ON THE SITE. ALL SOIL STOCKPILES SHALL BE STABILIZED BY TEMPORARY SEEDING AND MULCHING AND PROTECTED WITH SEDIMENT TRAPPING MEASURES SUCH AS SILT FENCE. TOPSOIL SHALL BE SPREAD AT A LIGHTLY COMPACTED DEPTH OF 2 TO 4 INCHES. 4 INCHES OR

GREATER IS RECOMMENDED FOR AREAS WHERE FINE-TEXTURED (CLAYEY) SUBSOIL OR OTHER ROOT LIMITING FACTORS ARE PRESENT.

6. PROTECT STORM DRAIN INLETS:
STORM DRAIN INLETS OPERABLE DURING CONSTRUCTION SHALL BE PROTECTED SO THAT SURFACE WATER RUNOFF DOES NOT ENTER THE CONVEYANCE SYSTEM WITHOUT FIRST BEING FILTERED OR TREATED TO REMOVE SEDIMENT. INLET PROTECTION SHALL BE PLACED ON ALL STORM INLETS TO PROTECT AGAINST SEDIMENT-LADEN RUNOFF ENTERING THE SYSTEM AT THE INLETS.

CULVERT INLET PROTECTION:
CULVERT INLET PROTECTION SHALL BE PLACED ON ALL STORM CULVERT INLETS TO PREVENT SEDIMENT FROM ENTERING, ACCUMULATING IN, AND BEING TRANSFERRED BY THE CULVERT AND ASSOCIATED DRAINAGE SYSTEM. CULVERT INLET PROTECTION MAY ALSO PROVIDE EROSION CONTROL AT STORM CULVERT INLETS DURING THE PHASE OF A PROJECT WHERE ELEVATION AND DRAINAGE PATTERNS CHANGE, CAUSING ORIGINAL CONTROL MEASURES TO BE INEFFECTIVE OR IN NEED OF REMOVAL.

7. CONVEY STORMWATER IN A NON-EROSIVE MANNER:
POINTS OF DISCHARGE AND RECEIVING STREAMS SHALL BE PROTECTED FROM EROSION DUE TO INCREASES IN THE VOLUME, VELOCITY, AND PEAK FLOW RATE OF SURFACE WATER RUNOFF FROM THE PROJECT SITE. ALL STORMWATER CONVEYANCE CHANNELS SHALL BE STABILIZED FOR EXPECTED FLOWS.

OUTLET PROTECTION:
OUTLET PROTECTION SHALL BE INSTALLED AT ALL CULVERT OUTLETS OF ALL TYPES, PIPE CONDUITS FROM ALL SEDIMENT BASINS, SWM PONDS, AND NEW CHANNELS CONSTRUCTED AS OUTLETS FOR CULVERTS AND CONDUITS. OUTLET PROTECTION SHALL BE PROVIDED IN THE FORM OF A RIP-RAP-LINED APRON CONSTRUCTED AT A ZERO OR MINIMUM SLOPE TO SLOW THE OUTLET VELOCITY AND ADEQUATELY PROTECT SOILS FROM SCOUR BY REDUCING FLOW.

8. CONTROL OTHER POLLUTANTS:
ALL POLLUTANTS, INCLUDING WASTE MATERIALS AND DEMOLITION DEBRIS, THAT OCCUR ON SITE DURING CONSTRUCTION SHALL BE HANDLED AND DISPOSED OF IN A MANNER THAT DOES NOT CAUSE CONTAMINATION OF SURFACE OR GROUND WATER. WOODY DEBRIS MAY BE CHOPPED AND SPREAD ON SITE. COVER, CONTAINMENT, AND PROTECTION FROM VANDALISM SHALL BE PROVIDED FOR ALL CHEMICALS, LIQUID PRODUCTS, PETROLEUM PRODUCTS, AND NON-INERT WASTES PRESENT ON SITE. ALL MATERIALS USED ON THE SITE SHALL BE PROPERLY STORED, HANDLED, DISPENSED AND DISPOSED OF FOLLOWING ALL APPLICABLE LABEL DIRECTIONS. FLAMMABLE AND COMBUSTIBLE LIQUIDS SHALL BE STORED AND HANDLED ACCORDING TO APPLICABLE REGULATIONS, AND, AT A MINIMUM, ACCORDING TO OSHA STANDARDS 29 CFR 1926.152. ONLY APPROVED CONTAINERS AND PORTABLE TANKS SHALL BE USED FOR STORAGE AND HANDLING OF FLAMMABLE AND COMBUSTIBLE LIQUIDS.

- MAINTENANCE AND REPAIR OF HEAVY EQUIPMENT AND VEHICLES INVOLVING OIL CHANGES, HYDRAULIC SYSTEM DRAIN DOWN, SOLVENT AND DE-GREASING CLEANING OPERATIONS,
- FUEL TANK DRAIN DOWN AND REMOVAL, AND OTHER ACTIVITIES WHICH MAY RESULT IN DISCHARGE OR SPILLAGE OF POLLUTANTS TO THE GROUND OR INTO SURFACE WATER RUNOFF MUST BE CONDUCTED USING SPILL PREVENTION MEASURES, SUCH AS DRIP PANS. CONTAMINATED SURFACES SHALL BE CLEANED IMMEDIATELY FOLLOWING ANY DISCHARGE OR SPILL INCIDENT.
- WHEEL WASH OR TIRE BATH WASTEWATER SHALL BE DISCHARGED TO A SEPARATE ON-SITE TREATMENT SYSTEM OR TO THE SANITARY SEWER.
- APPLICATION OF AGRICULTURAL CHEMICALS INCLUDING FERTILIZERS AND PESTICIDES SHALL BE CONDUCTED IN A MANNER AND AT APPLICATION RATES THAT WILL NOT RESULT IN LOSS OF CHEMICAL TO SURFACE WATER RUNOFF. MANUFACTURERS RECOMMENDATIONS FOR APPLICATION RATES AND PROCEDURES SHALL BE FOLLOWED.
- IN THE EVENT OF AN ACCIDENTAL SPILL, IMMEDIATE ACTION SHALL BE TAKEN BY THE CONTRACTOR TO CONTAIN AND REMOVE THE SPILLED MATERIAL. THE SPILL SHALL BE REPORTED TO THE APPROPRIATE AGENCIES IN THE REQUIRED TIME FRAMES. AS REQUIRED UNDER PROVISIONS OF THE CLEAN WATER ACT, ANY SPILL OR DISCHARGE ENTERING WATERS OF THE UNITED STATES SHALL BE PROPERLY REPORTED.

9. CONTROL DEWATERING:
FOUNDATION, VAULT, AND UTILITY TRENCH DEWATERING WATER SHALL BE DISCHARGED INTO A CONTROLLED CONVEYANCE SYSTEM PRIOR TO DISCHARGE TO A SEDIMENT POND. CHANNELS RECEIVING THE DISCHARGED WATER MUST BE STABILIZED. HIGHLY TURBID OR CONTAMINATED WATER FROM CONSTRUCTION EQUIPMENT OPERATIONS, WORK INSIDE A COFFERDAM, SHALL BE HANDLED SEPARATELY FROM SURFACE WATER. IF DEWATERING IS REQUIRED FOR SMALL VOLUMES OF LOCALIZED DEWATERING ON THIS SITE, A PUMP AND DEWATERING FILTER BAG SHALL BE UTILIZED. THE FILTER BAG SHALL DISCHARGE TO A DITCH OR SWALE WITH A WELL ESTABLISHED VEGETATIVE AREA.

10. MAINTAIN BMP'S:
TEMPORARY AND PERMANENT EROSION AND SEDIMENT CONTROL BMP'S SHALL BE MAINTAINED AND REPAIRED AS NEEDED TO ASSURE CONTINUED PERFORMANCE OF THEIR INTENDED FUNCTION. MAINTENANCE AND REPAIR SHALL BE CONDUCTED IN ACCORDANCE WITH THE BMP'S. AT A MINIMUM, ALL SEDIMENT CONTROL BMP'S SHALL BE INSPECTED AT LEAST ONCE EVERY FOUR (4) CALENDAR DAYS AND WITHIN 24 HOURS OF THE OCCURRENCE OF A PRECIPITATION EVENT OF 0.25 INCHES OR GREATER, OR THE OCCURRENCE OF RUNOFF FROM SNOWMELT SUFFICIENT TO CAUSE A DISCHARGE. TEMPORARY EROSION AND SEDIMENT CONTROL BMP'S SHOULD BE REMOVED WITHIN 30 DAYS AFTER FINAL SITE STABILIZATION IS ACHIEVED OR AFTER THE TEMPORARY BMP'S ARE NO LONGER NEEDED. TRAPPED SEDIMENT SHALL BE REMOVED OR STABILIZED ON SITE. DISTURBED SOIL RESULTING FROM THE REMOVAL OF BMP'S OR VEGETATION SHALL BE PERMANENTLY STABILIZED.

11. MANAGE THE PROJECT:
A SEQUENCE OF CONSTRUCTION HAS BEEN PROVIDED ON THIS SHEET TO DESCRIBE AN OVERALL CONSTRUCTION SEQUENCE AS IT RELATES TO EROSION AND SEDIMENT CONTROL BMP'S AND CONSTRUCTION OF VARIOUS ELEMENTS OF THE PROJECT. IN GENERAL, THE PROJECT IS TO BEGIN CONSTRUCTION IN JANUARY 2026 AND END APPROXIMATELY IN JANUARY 2027. THE CONTRACTOR IS RESPONSIBLE FOR THE DETAILS OF THE DAY TO DAY OPERATIONS.

- THE PRIMARY PROJECT MANAGER SHALL EVALUATE, WITH INPUT FROM UTILITIES AND OTHER CONTRACTORS, THE SURFACE WATER MANAGEMENT REQUIREMENTS FOR THE ENTIRE PROJECT, INCLUDING THE UTILITIES, WHEN PREPARING THE SEDIMENT CONTROL PLAN. ALL BMP'S SHALL BE INSPECTED, MAINTAINED, AND REPAIRED AS NEEDED TO ASSURE CONTINUED PERFORMANCE OF THEIR INTENDED FUNCTION. WHENEVER INSPECTION AND/OR MONITORING REVEALS THAT THE BMP'S IDENTIFIED IN THE SEDIMENT CONTROL PLAN ARE INADEQUATE, THE SEDIMENT CONTROL PLAN SHALL BE MODIFIED, AS APPROPRIATE, IN A TIMELY MANNER.
- CONTRACTOR SHALL REPORT SPILLAGE OR DISCHARGE OF POLLUTANTS WITHIN 24-HOURS. THE SEDIMENT CONTROL PLAN SHALL BE RETAINED ON SITE. THE SEDIMENT CONTROL PLAN SHALL BE MODIFIED WHENEVER THERE IS A SIGNIFICANT CHANGE IN THE DESIGN, CONSTRUCTION, OPERATION, OR MAINTENANCE OF ANY BMP. THE WVDEP MUST BE NOTIFIED OF ANY CHANGES TO THE CONSTRUCTION SWPP.

12. STABILIZATION:
THE CONSTRUCTION SITE SHOULD BE STABILIZED AS SOON AS POSSIBLE AFTER COMPLETION. ESTABLISHMENT OF FINAL COVER MUST BE INITIATED WITHIN FOUR (4) DAYS AFTER REACHING FINAL GRADE. A NOTICE OF TERMINATION MUST BE FILED WITH THE WVDEP WHEN THE SITE REACHES FINAL STABILIZATION. FINAL STABILIZATION MEANS THAT ALL

SOIL-DISTURBING ACTIVITIES ARE COMPLETED, AND THAT EITHER A PERMANENT VEGETATIVE COVER OF 70% OR GREATER HAS BEEN ESTABLISHED OR THAT THE SURFACE HAS BEEN STABILIZED BY HARD COVER SUCH AS PAVEMENT OR BUILDINGS. (THE 70% REQUIREMENT REFERS TO THE TOTAL VEGETATED AREA AND NOT JUST A PERCENT OF THE SITE).

Narrative description of Erosion and Sediment Controls:

Section 14

· PHASE I:
PHASE I OPERATIONS SHALL INCLUDE EROSION CONTROL MEASURES NEEDED TO DIVERT MAJOR OFF-SITE CLEAN WATER AND ON-SITE DRAINAGE FLOWS AROUND THE WORK AREAS AND CONTROL EROSION AND SEDIMENTATION ASSOCIATED WITH INITIAL CLEARING AND GRADING OPERATIONS.
1. CONTACT WEST VIRGINIA MISS UTILITY AT 800-245-4848, AT LEAST THREE WORKING DAYS PRIOR TO BEGINNING WORK. LOCATE ALL UTILITIES.
2. CONTACT JEFFERSON COUNTY ENGINEERING AT 304-728-3257 AT LEAST FIVE WORKING DAYS PRIOR TO BEGINNING WORK.
3. WITHIN 72 HOURS OF FILING AN APPLICATION WITH THE WVDEP DIVISION OF WATER AND WASTE MANAGEMENT (DWWM), INSTALL PUBLIC NOTICE SIGN NEAR THE ENTRANCE OF THE PROJECT OR, NEAR AN ACTIVE PART OF THE CONSTRUCTION PROJECT, THAT IS ACCESSIBLE BY THE PUBLIC. THE PUBLIC NOTICE SIGN MUST REMAIN DISPLAYED FOR THE DURATION OF THE PROJECT. (SEE PUBLIC NOTICE SIGN DETAIL, SHEET 15).
4. STAKE/FLAG LIMITS OF CONSTRUCTION, SENSITIVE AREAS, AND TREES THAT ARE TO BE PRESERVED. LIMITS OF CONSTRUCTION MUST REMAIN MARKED THROUGHOUT THE ENTIRE SITE DEVELOPMENT.
5. INSTALL TEMPORARY STABILIZED CONSTRUCTION ENTRANCE AND ESTABLISH A PROTECTED STAGING AND EQUIPMENT PARKING AREA.
6. CLEAR AND GRUB AREAS FOR THE INSTALLATION OF PERIMETER CONTROLS. ONLY THE MINIMUM AREAS NECESSARY TO INSTALL PERIMETER EROSION CONTROL MEASURES SHALL BE CLEARED AND GRUBBED.
7. INSTALL PERIMETER CONTROLS SUCH AS SILT FENCE, STABILIZE ALL EROSION AND SEDIMENT CONTROL MEASURES IMMEDIATELY AFTER INSTALLATION. STABILIZE AREAS BETWEEN PERIMETER SEDIMENT CONTROL MEASURES AND THE LIMITS OF CONSTRUCTION.
8. CLEAR AND GRUB THE REMAINDER OF THE SITE. ALL UNSUITABLE MATERIAL (LOGS, BRUSH, VEGETATIVE MATTER, ETC.) WHICH WILL INTERFERE WITH THE GRADING AND/OR STABILITY OF FILL AREAS SHALL BE REMOVED AND/OR DISPOSED OF PROPERLY. PHASE CLEARING AND GRUBBING TO THE EXTENT POSSIBLE TO MINIMIZE THE AMOUNT OF DISTURBED AREA AT ANY POINT IN TIME.
9. ESTABLISH SOIL STOCKPILES AND PROTECT WITH SILT FENCE. STRIP AND STOCKPILE TOPSOIL TO USE IN THE FINISH GRADING OPERATIONS. STOCKPILES SHALL BE SEEDED AND MULCHED IF THEY ARE TO REMAIN UNDISTURBED FOR 14 DAYS OR LONGER.
· PHASE II:
THE PHASE II EROSION AND SEDIMENT CONTROL MEASURES ARE INTENDED FOR THE FINAL STAGES OF SITE DEVELOPMENT. PHASE I CONTROL MEASURES, WHICH ARE NOT IN CONFLICT WITH FINAL CONSTRUCTION AND PROVIDE EFFECTIVE CONTROL, SHALL REMAIN IN PLACE FOR FINAL DEVELOPMENT. THE CONTRACTOR SHALL FOLLOW THE COUNTY ENGINEERING DEPARTMENT'S DIRECTION IN PROVIDING ADDITIONAL CONTROL MEASURES NEEDED DURING THE DEVELOPMENT PROCESS, TO ENSURE THAT SEDIMENT IS PREVENTED FROM POLLUTING OFF-SITE AREAS, STREAMS AND/OR PROTECTED ON-SITE AREAS. THE FOLLOWING SEQUENCE OF CONSTRUCTION IS SUGGESTED.
1. THROUGHOUT CONSTRUCTION, INITIATE TEMPORARY OR PERMANENT STABILIZATION MEASURES IMMEDIATELY FOLLOWING THE COMPLETION OF THE MOST RECENT LAND DISTURBING ACTIVITY. DISTURBED AREAS SHALL BE SEEDED AND MULCHED IF THEY ARE TO REMAIN UNDISTURBED FOR 14 DAYS OR LONGER. COMPLETION MUST BE WITHIN 7 DAYS.
2. INSTALL WATER LINE
3. INSTALL ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES AS NEEDED THROUGHOUT CONSTRUCTION.
4. FINAL GRADE ALL AREAS OF THE SITE LEAVING SEDIMENT CONTROLS IN PLACE AS NEEDED. SPREAD TOPSOIL OVER AREAS TO BE SEEDED.
5. PERMANENTLY STABILIZE ALL AREAS NOT COVERED BY HARD COVER SUCH AS PAVEMENT OR BUILDINGS.
6. RESURFACE ROAD WHERE DICTATED ON PLANS.
7. OBTAIN JEFFERSON COUNTY ENGINEERING APPROVAL PRIOR TO THE REMOVAL OF ANY EROSION AND SEDIMENT CONTROLS. NO EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REMOVED UNTIL ALL UP-SLOPE AREAS THAT DRAIN TO THEM HAVE BEEN STABILIZED.
8. REMOVE REMAINING TEMPORARY EROSION AND SEDIMENT CONTROL BMP'S. STABILIZE ANY AREAS DISTURBED BY THE REMOVAL OF TEMPORARY BMP'S.

Sequence of Construction:

Sections 15 - 18: Site Maps, Discharge Area Maps, Storm Water Management

Section 15

Attachment Required: Please attach a detailed Site Map(s) of Erosion and Sediment Controls.

Section 16

Attachment Required: Please attach a Site Map of the Final Conditions Showing the Stormwater Management Facilities.

Section 17

Is this a linear project?

☒ Yes

☐ No

Attachment Required: Please attach Pre and Post Development Discharge Area Maps Identifying Discharge Points and Supporting Calculations.

Section 17 Part A

Pre-Development Peak Discharge Rate (ft³/s):

For a 1-year, 24-hour storm at each discharge point.

ft³/s

Add Pre-Development Discharge Rate

Section 17 Part B

Post-Development Peak Discharge Rate (ft³/s):

For a 1-year, 24-hour storm at each discharge point.

ft³/s

Add Post-Development Discharge Rate

Section 18

Areas of linear construction through turf shall be permanently seeded. Portions through asphalt are to be patched or repaved with new asphalt pavement.

Narrative Description of the Final Soil Stabilization Techniques:

Section 19 - 20: Permanent Stormwater Management Facility and Public Sign

Section 19

Do you have a permanent storm water management facility on this project? If yes, complete 18A.

☐ Yes

☒ No

Section 18 Part A

Which best management practices (BMPs) will be utilized for this project?

BMP 1

Best Management Practice:

 Interactive Mapper

Latitude

Degrees:

Minutes:

Seconds:

N (ss.ssss)

Longitude

Degrees:

Minutes:

Seconds:

W (ss.ssss)

Geo Spatial Method:

Datum:

Acres drained into this BMP:

Add BMP

A list of BMPs and their definitions is available.

Section 19

Required: All applicants must post a Public Notice Sign onsite within 72 hours of submitting the application.
(See Instructions & Section II. B. Of The General Permit).

Attachment Required: Site-Specific Template

Information: Supplemental Information

Section 19 Part A.

Supplemental Information: (If none click Section Complete)

SWPPP Attached

Certification: Signature Page

BY COMPLETING AND SUBMITTING THIS APPLICATION, I HAVE REVIEWED AND UNDERSTAND AND AGREE TO THE TERMS AND CONDITIONS OF THE GENERAL PERMIT ISSUED ON MARCH 6, 2024. I UNDERSTAND THAT PROVISIONS OF THE PERMIT ARE ENFORCEABLE BY LAW. VIOLATION OF ANY TERM AND CONDITION OF THE GENERAL PERMIT AND/OR OTHER APPLICABLE LAW OR REGULATIONS 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 FORM AND ALL ATTACHMENTS AND THAT, BASED ON MY INQUIRING OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING 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 I FURTHER UNDERSTAND THAT I WILL BE OPERATING UNDER THE REISSUED STORM WATER GENERAL PERMIT FOR CONSTRUCTION ACTIVITY EFFECTIVE APRIL 6, 2024 AND I AGREE TO ABIDE BY THE TERMS OF THE PERMIT.

Official Signature:

Print Name:

Kristen Stolipher

Print Title:

Utility Manager

Date:

12/3/2025 

PRIOR TO FILING THIS APPLICATION, YOU MAY WISH TO OBTAIN A COPY OF THE LEGISLATIVE RULES OF THE DEPARTMENT OF ENVIRONMENTAL PROTECTION, TITLE 47, SERIES 26, WATER POLLUTION CONTROL PERMIT FEE SCHEDULE IN ORDER TO DETERMINE THE APPROPRIATE PERMIT APPLICATION FEE REQUIRED TO ACCOMPANY YOUR SUBMISSION OF THIS APPLICATION. YOU CAN OBTAIN A COPY OF THE REGULATION FROM THE SECRETARY OF STATE'S OFFICE, STATE CAPITOL BUILDING, CHARLESTON, WV 25305. HOWEVER, YOU MAY WISH TO USE THE TABLE FOUND IN ITEM V. OF THE ATTACHED INSTRUCTIONS.

YOUR CHECK OR MONEY ORDER FOR THE APPROPRIATE APPLICATION FEE MUST BE MADE PAYABLE TO THE WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION.

ALL SPILLS OR ACCIDENTAL DISCHARGES ARE REQUIRED TO BE REPORTED IMMEDIATELY TO THE EMERGENCY RESPONSE SPILL ALERT SYSTEM TOLL FREE TELEPHONE NUMBER 1-800-642-3074. CALLS FROM OUT OF STATE SHOULD BE MADE TO 304-348-8899.

Attachment Required: Please Print, Sign, Scan and attach this document.

Note: Wet ink signature is no longer required.

New Module: 1. Facility Changes (Activity/Storage)

A. Have you made any activity or storage changes to the facility during the previous permit term?

Yes No

B. Outlet Number:

C. Discharge Point Location Info:

" N Latitude

" W Longitude

 Interactive Map

D. Description:

Section A: GPP Facility

Facility Name: Sidewinder Raw Water

Physical Address

Address or Nearest Road/Highway:

Russell Way

City:

Middleway

Postal Code:

25430

PostalCode Ref.

Facility Telephone Number: (###-###-####)

304-725-8456

County:

Jefferson

Coordinates

 Interactive Mapper

Latitude

	Degrees: 39	
	Minutes: 18	
Seconds:	3.1200	N (ss.ssss)

Longitude

	Degrees: 77	
	Minutes: 58	
Seconds:	7.0400	W (ss.ssss)
Geospatial Method: Satellite/Aerial Photo		
Datum: NAD83		

☒ Mailing address is different from facility address?

Mailing Address

Address Line 1:	661 S George St.
Address Line 2:	
City:	Charles Town
State:	WV
Postal Code:	25414
Country:	United States of America
Email Address:	

Person Developing the GPP

Name:	Richard Pish
Address Line 1:	148 S Queen St.
Address Line 2:	Suite 201
City:	Martinsburg
State:	West Virginia
Postal Code:	25401
Telephone No.: (###-###-####)	304-725-8456
Country:	United States of America
Email Address:	rpish@ifs-ae.com

Person Responsible for Implementing GPP

Name:	Kristen Stolipher
Address Line 1:	661 S George St.
Address Line 2:	
City:	Charles Town
State:	WV
Postal Code:	25414
Telephone No.: (###-###-####)	304-724-7080
Email Address:	

This project is for the construction of a 12" water main from the trailer park along Russell Way to the old 3M/Kodak facility along Grace Way/Brucetown Road in Middleway WV. The majority of water line construction is to take place within the WVDOH Right-of-Way. Resurfacing of Grace Street and portions of East Street will be included in this project.

Brief Description of Facility Operations:

Section B: GPP Section B

1. Trenching
2. Asphalt Work
3. Utility line installation.

List all activities at your facility that require a GPP:

Please list actual activities. Do not quote the regulation.

Example Activities: grading, paving, painting, stucco, storing fuel, fertilizers, chemicals etc.

Good Example: "Store diesel fuel in a 1,000-gallon underground storage tank."

Bad Example: "Storing, treating, disposing, or related handling of hazardous waste in tanks, drums, or other containers."

There will be no chemical or fuel storage on site as part of this project. All refueling will be mobile.

List all regulated site activities:

List every activity subject to regulation — even if protective practices have already been implemented.

All fueling will be mobile. No storage of tanks to be on site.

Please provide details about all above and underground tanks:

For each tank, please include: **Type, Capacity, and Contents**

Section C: GPP Section C

For each activity in Section B, identify the BMP to be implemented and describe how that BMP will function to protect groundwater:

- a) Erosion and Sediment Control
 - i. Sediment Barriers
 1. Install silt fence and super silt fence as shown on the Erosion and Sediment Control Plan

Practices in SPCC or Storm Water Pollution Prevention Plans (SWPPP) may be used in the GPP provided, that they are equally protective of groundwater.

Include all activities at your site subject to the regulation, even if protective practices are already being implemented.

Information about secondary containment for ASTs must include the kind of material (metal, concrete, asphalt) making up the floor and berms (sides) of the containment area.

Tanks that are double-walled are considered secondarily contained.

Section D: GPP Section D

Explain how you will implement the GPP on site, keep it updated, and follow proper procedures when adding/altering equipment or operations — especially in vulnerable geological areas:

The GPP must be implemented upon approval. The permittee must revise the GPP within 30 calendar days to address any newly delineated areas or other vulnerable areas upon notification the Bureau for Public Health.

The GPP must be implemented upon approval.

Having a GPP on file in an office somewhere does not keep a facility in compliance WV0115924.

The GPP must be retained and implemented at the site for which it was developed.

Procedures for protecting groundwater when designing and adding new equipment and operations.

Adequate design of these operations should be considered in the GPP when making changes in areas of karst, wetlands, faults, subsidence, areas determined by the Bureau for Public Health to be delineated wellhead protection areas, or other areas determined by the Director to be vulnerable based upon geologic or hydrogeologic information.

The permittee must revise the GPP within 30 calendar days to address any newly delineated areas or other vulnerable areas upon notification by the Director or the Bureau for Public Health.

Section E: GPP Section E

The general contractor will be responsible to ensure that anyone doing land disturbing activities knows how to address spills, leaks, internal reporting, good housekeeping, routine inspections, and maintenance when they first arrive on site and then on a quarterly basis while construction activities are occurring. A list of these individuals that attend and topics covered for each session covered will be documented and implemented in the GPP.

Describe Your Groundwater Protection Training Program:

You are developing a Groundwater Protection Plan; therefore, training must focus on groundwater protection.

Training must include educating the employees about the importance of groundwater protection and include all aspects of the GPP.

Briefly describe topics to be covered in training the employees about groundwater protection practices.

Procedures for protecting groundwater when designing and adding new equipment and operations.

Adequate design of these operations should be considered in the GPP when making changes in areas of karst, wetlands, faults, subsidence, areas determined by the Bureau for Public Health to be delineated wellhead protection areas, or other areas determined by the Director to be vulnerable based upon geologic or hydrogeologic information.

The permittee must revise the GPP within 30 calendar days to address any newly delineated areas or other vulnerable areas upon notification by the Director or the Bureau for Public Health.

Section F: GPP Section F

The following will be completed quarterly:

1. Fuels and Oil: Check that vehicles are not leaking fluids.
2. Solid Waste: That there are no left-over solid materials from construction that were missed during daily clean up and that any material that has been left will be disposed of properly.
3. Fertilizer: Verify fertilizer is being stored properly and not sitting exposed to the elements and excess is not running off.
4. Sanitary Waste: Verify that portable lavatories are being serviced regularly. Check that the portable lavatories are not leaking onto the ground.

E&S BMPs are to be inspected every 4 calendar days or within 24 hours of the occurrence of a precipitation event 0.25 inches or greater.

Please state what is to be inspected, how often inspections will occur, and include an Inspection Checklist:

The checklist must include date, name of inspector, what is to be inspected, observations, actions taken, if any.

Inspections are conducted to insure that the practices selected to prevent groundwater pollution are being used and are properly functioning.

The checklist is documentation that you are implementing the GPP.

Section G: GPP Section G

Please make a statement acknowledging that no waste material will be used for deicing, fill, or any other purpose not allowed by regulations:

Waste material will not be used for deicing, fill, or any other use, unless that use is allowed by regulation or permit.

Section H: GPP Section H

It is unknown at this time what chemicals the general contractor will be using on site. Material Safety Data sheets it Safety Data Sheets shall be provided for all chemicals, or substances, used or stored on site.

Please let us know how you will be maintaining Material Safety Data Sheets (MSDS) for all chemicals used or stored on site:

Optional Attachment: You may attach an MSDS for chemicals used or stored on site.

Section I: GPP Section I

N/A

Provide all available groundwater quality data for the facility, along with well locations or other sampling points:

Section J: GPP Section J

Are there any Sinkholes at the facility?

☐ **Yes**

☐ **No**

No sinkholes are located along the project path.

1. The location of all sinkholes shall be shown on the existing conditions scale drawing, included with the preliminary plan submission. The edge of the sinkhole is to be considered the last closed contour based on five foot (5') contour mapping.
2. All sinkholes identified prior to construction shall be either remediated or separated from construction by a minimum one hundred-feet (100').
3. Remediation shall be carried out under the direction of a qualified Geologist or Geotechnical Engineer. Mitigation shall be carried out according to the WVDEP Sinkhole Management Guidance Document (August 2005 et. seq.), or other applicable standards as recommended by the G or PE and approved by the WVDEP.
4. Any improvements planned to fall within one hundred feet (100') of any sinkhole (remediated or not), shall require a thorough subsurface investigation conducted by a qualified G or PE to ensure that the planned improvements do not present a threat to human health, safety, or the environment. Should these investigations detect previously unknown sinkhole features, paragraph 2 applies.
5. For any subsurface investigations requiring boreholes, such as air track drilling or rock coring, the boreholes must be grouted upon completion. All air track drilling operations used to determine the depth of overburden and continuity of bedrock shall be monitored full-time by a G or PE or other qualified individual.
6. Underground utilities located within one-hundred feet (100') of a karst feature, then a dike of clay or other suitable material shall be placed across the trench at twenty-foot (20') intervals or less along the entire length which passes through the one hundred foot (100') radius, or as directed by a G or PE.
7. Do not apply any fertilizer, pesticides, or other chemicals within at least one-hundred feet (100') of a sinkhole.
8. Immediately (within 24 hours) after disturbing any soil, lightly fertilize, seed, and mulch the area to control erosion. A geotextile may be needed on steep slopes.
9. At least one subsurface cross section should be submitted with the storm water plan, showing confining layers, depth to bedrock, and water table, if encountered. It should extend through the centerline of any proposed impounding storm water facility.
10. Natural karst swales should be protected whenever possible as an effective element in storm water design in karst regions.

Please describe how this project complies with WVDEP sinkhole mitigation requirements:

Sinkhole Mitigation shall be carried out according to the WVDEP Sinkhole Mitigation Guidance Document (August 2005, revised 2018), or other applicable standards as recommended by the G or PE and approved by the West Virginia Department of Environmental Protection (WVDEP).

Design Requirements

1. The location of all sinkholes shall be shown on the existing conditions scale drawing, included with the preliminary plan submission. The edge of the sinkhole is to be considered the last closed contour based on five foot (5') contour mapping.
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Certification: GPP Certification

The person who can make the managerial and/or financial decisions that are required to implement your plan should be the one signing the certification statement.

Use the following certification statement verbatim.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure 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. I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure 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.

Use the following certification statement verbatim.

Designated Representative: Kristen Stolipher

Title: Utility Manager

Signature: _____

Date: _____

12/3/2025 

Attachment Required: Please Print, Sign, Scan and attach this document.

Note: Wet ink signature is no longer required.