

BEFORE THE WEST VIRGINIA ENVIRONMENTAL QUALITY BOARD

WEST VIRGINIA WATER RESOURCES, INC.,

Appellant,

Appeal No.: 24-01-EQB

v.

KATHERYN EMERY, DIRECTOR,  
DIVISION OF WATER AND WASTE MANAGEMENT,  
WEST VIRGINIA DEPARTMENT OF  
ENVIRONMENTAL PROTECTION,

Appellee.

RECEIVED

FEB 20 2024

Environmental Quality  
Board

**NOTICE OF APPEAL**

TO THE ENVIRONMENTAL QUALITY BOARD:

Appellant West Virginia Water Resources, Inc. (“WVWR”) respectfully represents that it is aggrieved by the issuance by the Director of the Division of Water and Waste Management, West Virginia Department of Environmental Protection (“DEP”), of Solid Waste/NPDES Permit No. WV0116521 (“the NPDES Permit”) on January 12, 2024, received by WVWR on January 19, 2024. (A copy of the NPDES Permit is attached as Exhibit A). More specifically, and as described below, WVWR is aggrieved by the following terms and conditions of the NPDES Permit:

- (1) The incorporation of various requirements under the West Virginia Solid Waste Management Act, *W. Va. Code* § 22-15-1, et seq (“SWMA”) and/or DEP’s solid waste management regulations, *W.Va. C.S.R.* § 33-1-1, et seq., (“Solid Waste Management Regulations”) including without limitation:
  - a. the cover page, to the extent it incorporates by reference any requirements implementing the SWMA or Solid Waste Management Regulations;

- b. those parts of Section A that impose monitoring, reporting or limits based upon or implementing the SWMA or Solid Waste Management Regulations;
- c. Section B.1(schedule of compliance addressing establishment of groundwater background levels for statistical analysis; sampling and analyzing for parameters set forth in appendices to the Solid Waste Management Regulations; abandonment and subsequent actions regarding well MW-6, to the extent these are based upon the Solid Waste Management Regulations; and quarterly groundwater sampling for purposes of a “Phase II monitoring program”);
- d. Section C, except for Sections C.1 and C.13 through C.18; and
- e. Section D (“Groundwater Monitoring”)<sup>1</sup>; and

(2) Section A, imposing monitoring and reporting for Total Residual Chlorine (“TRC”) without any demonstration of need, and contrary to the DEP’s January 12, 2024 Response-to-Comment letter stating that said limits had been removed from Section A.

The Appellant therefore prays that this matter be reviewed, and that the NPDES Permit either be modified by the Board or remanded to the DEP to complete the appropriate procedures to delete the Solid Waste Permit Provisions from the NPDES Permit, and to delete all references to TRC in Section A of the permit, in accordance with the relief requested below.

---


<sup>1</sup> Collectively, those parts of the NPDES Permit that are based upon or intended to implement the SWMA and/or the Solid Waste Management Regulations are referred to herein as the “Solid Waste Permit Provisions.”

Respectfully submitted,

West Virginia Water Resources, Inc.  
46226 National Road West  
St. Clairsville, OH 43950

By counsel

Date Filed: February 16, 2024  
Method of Filing: Hand-Delivery



---

Christopher B. Power (W. Va. Bar No. 4286)  
Robert M. Stonestreet (W. Va. Bar No. 9370)  
Babst Calland Clements and Zomnir, P.C.  
Truist Square  
300 Summers Street, Suite 1000  
Charleston, WV 25301  
Phone: (681) 265-1362  
Fax: (681) 205-8814  
[cpower@babstcalland.com](mailto:cpower@babstcalland.com)  
[rstonestreet@babstcalland.com](mailto:rstonestreet@babstcalland.com)

Counsel for Appellant, West Virginia Water Resources, Inc.

**A. ORDER FROM WHICH APPEAL IS BEING TAKEN.**

WVWR hereby appeals from the issuance on January 12, 2024, of Solid Waste/NPDES Permit No. WV0116521 for its Dent’s Run Landfill located in Marion County (“the NPDES Permit”), with a specified effective date of March 01, 2024.

**B. NATURE AND GROUNDS OF APPELLANT’S CLAIMS.**

1. The NPDES Permit authorizes discharges from the WVWR’s Dent’s Run Landfill. The Dent’s Run Landfill is used to dispose of waste material (“R/O Plant Reject”) generated at WVWR’s adjacent Dent’s Run Wastewater Treatment Facility (a.k.a., the “Northern WV R/O Facility”). The Northern WV R/O Facility uses reverse-osmosis technology to treat acid mine drainage (“AMD”) associated with several underground coal mines operated by WVWR affiliates, including the Marion County Mine, the Harrison County Mine, and the Monongalia County Mine.
2. Since it is a facility that treats AMD from coal mines, WV/NPDES Permit No. WV0065269 (governing the Northern WV R/O Facility) incorporates EPA’s Effluent Limit Guidelines for the “Coal Mining” Point Source category, and that permit is administered by the DEP’s Division of Mining and Reclamation (“DMR”) – not the agency’s general industrial NPDES permitting staff.
3. Like the AMD that is treated at the Northern WV R/O Facility, the R/O Plant Reject that is placed at the Dent’s Run Landfill constitutes waste “resulting from . . . the exploration, development, production, storage and recovery of coal.” In addition, the Dent’s Run Landfill is subject to a permit issued under Chapter 22 of the West Virginia Code (i.e., the NPDES Permit, issued under W.Va. Code 22-11-1, et seq.).

As a result, the R/O Plant Reject does not qualify as “solid waste” subject to the SWMA. *See W. Va. Code § 22-15-2 (31)*.

4. The DEP’s Solid Waste Management Regulations only apply to “solid waste” as defined in the Solid Waste Management Act. *See W.Va. C.S.R. § 33-1-1.1 (“Scope”)*. Thus, those regulations cannot properly be applied to the management and disposal of the R/O Plant Reject at the Dent’s Run Landfill.
5. In its January 12, 2024, letter responding to WVWR’s comments on the draft reissuance permit, DEP stated that the R/O Plant Reject placed at the Dent’s Run Landfill would only be exempt from the definition of “solid waste” if it was subject to a permit issued pursuant to “W. Va. Code §§ 22-2-1 et seq., 22-3-1 et seq., 22-4-1 et seq., 22-6-1 et seq., 22-7-1 et seq., 22-8-1 et seq., 22-9-1 et seq., 22-10-1 et seq., 22A-1-1 et seq., 22C-2-1 et seq., 22C-7-1 et seq., 22C-8-1 et seq., or 22C-9-1 et seq.” January 12, 2024 letter, Katheryn Emery, Director.
6. The SWMA, however, imposes no such requirement in order to qualify for the exclusion from “solid waste.” It only requires that waste “resulting from . . . the exploration, development, production, storage and recovery of coal” be subject to a permit “issued under *Chapter 22* of the West Virginia Code” to be excepted from the definition of “solid waste.” *See W. Va. Code § 22-15-2 (31)*. Accordingly, issuance of the NPDES Permit under Chapter 22, Article 11 (the West Virginia Water Pollution Control Act) -- *without* the Solid Waste Permit Provisions -- satisfies this requirement.
7. The DEP’s interpretation of the Solid Waste Management Regulations in a manner that treats the R/O Plant Reject as solid waste is void and invalid because it exceeds

the DEP's statutory authority. *See W. Va. Code* § 22-15-5(a) (providing the WVDEP with authority to promulgate rules that "carry out the provisions of this article..."); *Jones v. West Virginia State Bd. of Educ.*, 622 S.E.2d 289, 297 (W.Va. 2005).

8. DEP's incorporation of the Solid Waste Permit Provisions into the NPDES Permit was in violation of statutory provisions, exceeded the DEP's statutory authority or jurisdiction, and/or was affected by other error of law. As a result, pursuant to *W. Va. Code* § 29A-5-4(g), the NPDES Permit must be modified or otherwise revised so as to remove the Solid Waste Permit Provisions.
9. DEP's incorporation of the Solid Waste Permit Provisions into the NPDES Permit was arbitrary, capricious, an abuse of discretion, or clearly wrong in view of the entire record. As a result, pursuant to *W. Va. Code* § 29A-5-4(g), the NPDES Permit must be modified or otherwise revised so as to remove the Solid Waste Permit Provisions.
10. Even assuming, *arguendo* and without conceding, that the Solid Waste Permit Provisions were otherwise properly included in the permit, the DEP was wrong in requiring (per Section B.1 and Section D) that WVWR establish background levels for nearly all parameters set forth in Section A pertaining to groundwater monitoring wells, and thereafter, site-specific groundwater standards to be monitored as part of an Assessment Monitoring Program under the Solid Waste Management Regulations "Phase II" requirements, for all parameters set forth in Section D.2.b of the permit (and it was wrong to impose the requirement to incorporate those standards into the permit via a major modification application).

Because WWR has never established such background standards, these other requirements could not be properly imposed even if, *arguendo*, the Solid Waste Management Regulations applied to the Dent's Run Landfill.

11. Even assuming, *arguendo* and without conceding, that the Solid Waste Permit Provisions were otherwise properly included in the permit, the DEP was wrong to require a determination of statistically significant increases based on the inter-well comparisons described in Section D.1.d and D.1.e rather than intra-well comparisons.
12. Even assuming, *arguendo* and without conceding, that the Solid Waste Permit Provisions were otherwise properly included in the permit, the DEP was wrong in failing to allow for submission of an "Other Source Determination" under the Solid Waste Management Regulations prior to imposing a requirement that WWR proceed with a Phase II Assessment Monitoring Program.
13. In its comments on the draft permit, WWR objected to the inclusion of monitoring at all inspectable units for total residual chlorine (TRC) as set forth in Section A because there was no indication of need and measurement of TRC is subject to interference from common constituents in water. In the DEP's January 12, 2024 letter responding to those comments, the DEP stated that TRC "has been removed from Section A." However, the NPDES Permit retains TRC monitoring and reporting in Section A. This is clearly wrong (and/or arbitrary and capricious) and should be corrected in a legally appropriate manner.
14. Such other and further grounds as may be revealed or supported by the record, discovery, and evidence developed in this appeal.

**C. QUESTIONS OF FACT**

1. Does the R/O Plant Reject constitute waste “resulting from . . . the exploration, development, production, storage and recovery of coal” within the meaning of *W. Va. Code* § 22-15-2 (31)?
2. Has WVWR established background levels for all of the parameters set forth in Section A pertaining to groundwater monitoring wells, except for temperature, pH, specific conductance, and total suspended solids?
3. Have the requirements for triggering Phase II Assessment Monitoring under the Solid Waste Management Regulations been met?
4. Does the NPDES Permit retain TRC monitoring and reporting in Section A, contrary to the DEP’s statements in its January 12, 2024 letter?
5. Such other and further questions of fact as may be raised by the administrative record, discovery, and evidence developed during this appeal.

**D. QUESTIONS OF LAW**

1. Was it arbitrary and capricious, in excess of the DEP’s statutory authority, or otherwise unlawful for DEP to incorporate the Solid Waste Permit Provisions into the NPDES Permit?
2. Assuming, *arguendo* and without conceding, that the Solid Waste Permit Provisions were otherwise properly included in the permit, was it arbitrary and capricious, or otherwise unlawful, to require the establishment of groundwater protection standards and initiation of a Phase II Assessment Monitoring Program?



3. Assuming, *arguendo* and without conceding, that the Solid Waste Permit Provisions were otherwise properly included in the permit, was it arbitrary and capricious, or otherwise unlawful, for DEP to determine statistically significant increases over background using inter-well comparisons instead of intra-well comparisons, and to require (in Section D) that WVWR use such comparisons going forward?
4. Was it clearly wrong (and/or arbitrary and capricious) for DEP to retain TRC monitoring and reporting in Section A?
5. Such other and further questions of law as may be raised by discovery and evidence introduced at hearing, arguments of counsel and Board inquiry.

WHEREFORE the Appellant asks that the Board review the NPDES Permit, the Certified Record, and evidence to be presented, and enter an Order: (1) modifying the NPDES Permit to remove the Solid Waste Permit Provisions and to remove TRC monitoring and reporting in Section A; or (2) remanding the NPDES Permit to the DEP so that such changes can be made in the most legally appropriate manner (i.e., either through permit modification or revocation and reissuance); and (3) granting such other and further relief as may be shown to be proper.

Respectfully submitted,

West Virginia Water Resources, Inc.  
By Counsel



Christopher B. Power (W. Va. Bar No. 4286)  
Robert M. Stonestreet (W. Va. Bar No. 9370)  
Babst Calland Clements and Zomnir, P.C.  
BB&T Square  
300 Summers Street, Suite 1000  
Charleston, WV 25301  
Phone: (681) 265-1362  
Fax: (681) 205-8814  
[cpower@babstcalland.com](mailto:cpower@babstcalland.com)  
[rstonestreet@babstcalland.com](mailto:rstonestreet@babstcalland.com)

BEFORE THE WEST VIRGINIA ENVIRONMENTAL QUALITY BOARD

WEST VIRGINIA WATER RESOURCES, INC.,

Appellant,

Appeal No.: 24-01-EQB

v.

KATHERYN EMERY, DIRECTOR,  
DIVISION OF WATER AND WASTE MANAGEMENT,  
WEST VIRGINIA DEPARTMENT OF  
ENVIRONMENTAL PROTECTION,

Appellee.

**CERTIFICATE OF SERVICE**

I, Christopher B. Power, counsel for Appellant West Virginia Water Resources, Inc., do hereby certify that copies of the foregoing Notice of Appeal, Motion for Stay, and proposed Stay Order have been served upon the Appellee and Appellee's counsel, this 16th day of February, 2024, via e-mail and first-class mail, addressed to the following:

Katheryn Emery  
Director, DWWM  
West Virginia Department of Environmental Protection  
601 57<sup>th</sup> Street, S.E.  
Charleston, West Virginia 25304

Jonathan Frame, Esq.  
Attorney  
Office of Legal Services  
West Virginia Department of Environmental Protection  
601 57<sup>th</sup> Street, S.E.  
Charleston, West Virginia 25304



Robert M. Stonestreet (W. Va. Bar No. 9370)

# Exhibit A



---

**west virginia** department of environmental protection

---

Division of Water and Waste Management  
601 57th Street SE  
Charleston, West Virginia 25304-2345  
Phone: 304-926-0495  
Fax: 304-926-0463

Harold D. Ward, Cabinet Secretary  
<https://dep.wv.gov>

January 12, 2024

WEST VIRGINIA WATER RESOURCES, INC.  
46226 NATIONAL ROAD WEST  
ST. CLAIRSVILLE, OH 43950

CERTIFIED RETURN RECEIPT REQUESTED

Dear Permittee:

Enclosed please find Solid Waste/NPDES Permit Number WV0116521 dated January 12, 2024.

West Virginia Water Resource's comments were received by letter dated December 8, 2023. The following is the agency's response to these comments regarding the draft permit that went to public notice on October 11, 2023.

Comment No. 1 : Dent's Run Landfill receives wastes from the production of coal and should not be subject to solid waste regulations.

The entire regulation subsection as stated in the comment letter for the exemption of coal related waste as solid waste is as follows:

"2.119.f. Refuse, slurry, overburden, or other wastes or material -- resulting either from coal-fired electric power or steam generation, or from the exploration, development, production, storage, and/or recovery of coal, oil and gas and/or other mineral resources -- that are placed or disposed of at a facility that is regulated by W. Va. Code §§ 22-2-1 et seq., 22-3-1 et seq., 22-4-1 et seq., 22-6-1 et seq., 22-7-1 et seq., 22-8-1 et seq., 22-9-1 et seq., 22-10-1 et seq., 22A-1-1 et seq., 22C-2-1 et seq., 22C-7-1 et seq., 22C-8-1 et seq., or 22C-9-1 et seq., so long as such placement or disposal is in conformance with a permit issued pursuant to such chapters; and..."

Coal related waste is exempt "...so long as such placement or disposal is in conformance with a permit issued pursuant to such chapters..." WV/NPDES Permit No. WV0065269 does not contain disposal or placement requirements for the coal / treatment wastes in question and therefore cannot be exempted as a solid waste. As such the Solid Waste Management Unit believes the a solid waste permit per 33 CSR 1 is required for the facility.

Comment No. 2 : Monitoring for Total Residual Chlorine

The agency agrees that the chemistry is complex; however, believes that a potential exists for residual chlorine to result from the landfilled materials. However, based on the concerns in the comment letter the permit has been revised. Total Residual Chlorine has been removed from Section A and replaced with a requirement in Section B to collect quarterly samples and add TRC to the semi-annual Phase II program if detected.

Comment No. 3 : Establishing Groundwater Standards

Establishment of backgrounds was required upon initiation of the Phase I monitoring program and Section C.2.d of the previous permit issued November 17, 2017. In addition, inter-well analysis is currently required per Section C.2.e. The permittee may request intra-well analysis upon submittal of the background established prior to construction of the landfill via a major modification application. The agency will evaluate whether intra-well analysis is appropriate.

Regardless, in section 4.3 of the permittee's Second Quarter 2021 Statistical Analysis Report, the permittee reported statistical significant increases (SSIs) in all monitoring wells. These SSIs are presumably per intra-well analysis. The agency confirmed that many of these SSIs would be observed using inter-well analysis too. Without a 33 CSR 1, Section 4.11.c.7.B.1 alternative source demonstration at that time, the permittee was required to move to a Phase II monitoring program and establish groundwater standards.

Since the groundwater standards are the maximum of the MCL and the background and the highest observed barium value in MW-1R is 0.55 mg/l, it is unlikely that the statistical background will exceed the MCL of 2 mg/l. The agency believes use of the MCL as the groundwater standard in the Phase II wells is therefore appropriate. Should the permittee determine that the statistical background is above 2 mg/l for barium, the permittee can submit a major modification application to revise the standard in Section A and D.2.b.

Comment No. 4 : Appendix I and II Sampling

The agency is requesting a minimum of one sample at this time for Appendix I / II parameters for re-evaluation at next re-issuance. It should be noted that if any parameter is detected from the Appendix I / II list in this sampling, the permittee is required by 33 CSR 1, Sections 4.11.c.4.B.1 and 4.11.c.8.A to add the parameter to the Phase II routine semi-annual analysis list and establish a groundwater standard for that parameter.

Please note that a Discharge Monitoring Report (DMR) is to be completed and submitted to this Division each quarter.

WEST VIRGINIA WATER RESOURCES, INC.

Page 3


January 12, 2024

Finally note that copies of all future correspondence regarding the permit must be forwarded to the Field Inspector and Field Supervisor at the following address:

Department of Environmental Protection  
Environmental Enforcement  
2031 Pleasant Valley Road  
Fairmont, WV 26554

Also, please note the attachment to this permit which describes the annual permit fee requirement. Reissuance of your permit does not change the annual fee billing cycle.

Sincerely,



Katheryn Emery, P.E.  
Director

KE:ks

Enclosures

**Permit Number:** WV0116521

**Permittee:** WEST VIRGINIA WATER RESOURCES, INC.

**cc:** Env. Insp. Supv.  
Env. Insp.



STATE OF WEST VIRGINIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
DIVISION OF WATER AND WASTE MANAGEMENT  
601 57TH STREET SE  
CHARLESTON, WV 25304-2345

SOLID WASTE  
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM  
WATER POLLUTION CONTROL PERMIT

NPDES PERMIT NO.: WV0116521  
SUBJECT: Solid Industrial Waste

ISSUE DATE: January 12, 2024  
EFFECTIVE DATE : March 01, 2024  
EXPIRATION DATE: January 11, 2029  
SUPERSEDES: Permit No. WV0116521  
dated November 17, 2017

LOCATION: MANNINGTON	Marion	Monongahela River
(City)	(County)	(Drainage Basin)

See the next page for a list of Outlets.

**TO WHOM IT MAY CONCERN:**

**This is to certify that:** WEST VIRGINIA WATER RESOURCES, INC.  
46226 NATIONAL ROAD WEST  
ST. CLAIRSVILLE, OH 43950

**is hereby granted a West Virginia NPDES Water Pollution Control Permit to:**

Construct, operate and maintain an industrial solid waste disposal facility in the drainage basin of Dent's Run, a tributary of Buffalo Creek, a tributary of the Monongahela River for the disposal of waste materials generated at Murray Energy's Dent's Run Wastewater Treatment Facility.

Operate and maintain a treatment and disposal system and best management practices to allow treated stormwater, treated by flocculation and settling, to flow via Outlet 001 from Sediment Basin No. 1 into the waters of Dent's Run, a tributary of Buffalo Creek, a tributary of the Monongahela River.

Operate and maintain a disposal system and best management practices to allow untreated stormwater from the industrial solid waste disposal facility's haul road to flow into the waters of Dent's Run, a tributary of Buffalo Creek, a tributary of the Monongahela River via Outlet 003.

Operate and maintain a disposal system and best management practices to allow untreated stormwater from the industrial solid waste disposal facility's haul road to flow into the waters of Dent's Run, a tributary of Buffalo Creek, a tributary of the Monongahela River via Outlet 004.

Operate and maintain a leachate collection and conveyance system or parts thereof and best management practices, for the indirect discharge of industrial waste (storm water runoff and leachate) via WV/NPDES Mining Permit No. WV0065269 with ultimate treatment and disposal in Dent's Run, a tributary of Buffalo Creek, a tributary of the Monongahela River.

**This permit is subject to the following terms and conditions :**

The information submitted on and with Permit Application Number WV0116521 dated 11th day of May 2022, permit application dated 29th day of August 2016, permit application dated the 31st day of January 2011 and the additional information submitted on and with letters dated the 13th day of September 2011, the 31st day of October 2011, the 8th day of November 2011, and the 6th day of December 2011 is all hereby made terms and



conditions of this Permit with like effect as if all such permit application information were set forth herein, and other conditions set forth herein, and other conditions set forth in Sections A, B, C, D, and Appendix A.

**The validity of this permit is contingent upon the payment of the applicable annual permit fee, as required by Chapter 22, Article 11, Section 10 of the Code of West Virginia.**

Inspectable Unit	Latitude	Longitude	Receiving Stream	Dist. to Stream Mouth (in Mile)	Milepost
001	39°32'53"	80°23'58"	DENTS RN	0.05	N/A
003	39°32'49"	80°23'51"	DENTS RN -- No Monitoring Required	0.01	N/A
004	39°32'46"	80°23'49"	DENTS RN	0.01	N/A
LM1	39°32'50"	80°24'21"	N/A	N/A	N/A
LM2	39°32'50"	80°24'21"	N/A	N/A	N/A
MW1R	39°32'46"	80°24'23"	N/A	N/A	N/A
MW3	39°32'53"	80°24'02"	N/A	N/A	N/A
MW4	39°32'52"	80°24'01"	N/A	N/A	N/A
MW5	39°32'52"	80°24'01"	N/A	N/A	N/A
MW6	39°32'51"	80°23'00"	N/A	N/A	N/A

**A.001 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:  
Permit Limits**

During the period beginning 3/1/2024 and lasting through midnight 1/1/2029 the permittee is authorized to discharge from Outlet Number(s) 001 (Storm Water Runoff)

**Such discharges shall be limited and monitored by the permittee as specified below:**

<u>Effluent Characteristic</u>	<u>Discharge Limitations</u>			<u>Other Units</u>	<u>Units</u>	<u>Monitoring Requirements</u>	
	<u>Quantity</u>	<u>Units</u>	<u>Units</u>			<u>Measurement Frequency</u>	<u>Sample Type</u>
50050 - (Flow,in Conduit or thru plant) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	1/quarter	measured
00530 - (Total Suspended Solids) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	1/quarter	Grab
00400 - (pH) (Year Round) (ML-1) (RF-B)	N/A	N/A	Rpt Only Inst. Min.	N/A	Rpt Only Inst. Max.	1/quarter	Grab
50060 - (Chlorine, Total Residual) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	1/quarter	Grab
01114 - (Lead, Total Recoverable) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	1/quarter	Grab
71900 - (Mercury, Total (as Hg)) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	1/quarter	Grab
00900 - (Hardness, Total (as CaCO3)) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	1/quarter	Grab
00980 - (Iron, Total Recoverable) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	1/quarter	Grab

**Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s):**  
Outlet 001, an 18" bituminous coated corrugated metal pipe depicted on Drawing No. B10-354-E56

**This discharge shall comply with Appendix A - I MANAGEMENT CONDITIONS I - 12.**

**A.001 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:  
Permit Limits**

During the period beginning 3/1/2024 and lasting through midnight 1/11/2029 the permittee is authorized to discharge from Outlet Number(s) 001 (Storm Water Runoff)

Such discharges shall be limited and monitored by the permittee as specified below:

<u>Effluent Characteristic</u>	<u>Discharge Limitations</u>			<u>Other Units</u>	<u>Units</u>	<u>Monitoring Requirements</u>	
	<u>Quantity</u>	<u>Units</u>	<u>Units</u>			<u>Measurement Frequency</u>	<u>Sample Type</u>
00940 - (Chloride (as Cl)) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	Rpt Only Avg. Monthly	mg/l	Rpt Only Max. Daily	1/quarter Grab
01105 - (Aluminum, Total (as Al)) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	Rpt Only Avg. Monthly	mg/l	Rpt Only Max. Daily	1/quarter Grab
01034 - (Chromium, Total (as Cr)) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	Rpt Only Avg. Monthly	mg/l	Rpt Only Max. Daily	1/quarter Grab
00981 - (Selenium, Total Recoverable) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	Rpt Only Avg. Monthly	mg/l	Rpt Only Max. Daily	1/quarter Grab
00978 - (Arsenic, Total Recoverable) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	Rpt Only Avg. Monthly	mg/l	Rpt Only Max. Daily	1/quarter Grab
70295 - (Solids, Total Dissolved (TDS)) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	Rpt Only Avg. Monthly	mg/l	Rpt Only Max. Daily	1/quarter Grab
81020 - (Sulfate) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	Rpt Only Avg. Monthly	mg/l	Rpt Only Max. Daily	1/quarter Grab

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s):  
Outlet 001, an 18" bituminous coated corrugated metal pipe depicted on Drawing No. B10-354-E56

This discharge shall comply with Appendix A - I MANAGEMENT CONDITIONS I - 12.

**A.004 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:  
Permit Limits**

During the period beginning 3/1/2024 and lasting through midnight 1/11/2029 the permittee is authorized to discharge from Outlet Number(s) 004 (Storm Water Runoff)

**Such discharges shall be limited and monitored by the permittee as specified below:**

<u>Effluent Characteristic</u>	<u>Discharge Limitations</u>				<u>Units</u>	<u>Other Units</u>	<u>Monitoring Requirements</u>	<u>Sample Type</u>
	<u>Quantity</u>	<u>Units</u>	<u>Units</u>	<u>Frequency</u>				
50050 - (Flow,in Conduit or thru plant) (Year Round) (ML-1) (RF-C)	N/A	N/A	N/A	N/A	Rpt Only Max. Daily	Rpt Only Avg. Monthly	1/6 months	Estimated
00530 - (Total Suspended Solids) (Year Round) (ML-1) (RF-C)	N/A	N/A	N/A	N/A	Rpt Only Max. Daily	Rpt Only Avg. Monthly	1/6 months	Grab
00400 - (pH) (Year Round) (ML-1) (RF-C)	N/A	N/A	Rpt Only Inst. Min.	N/A	Rpt Only Inst. Max.	N/A	1/6 months	Grab
50060 - (Chlorine, Total Residual) (Year Round) (ML-1) (RF-C)	N/A	N/A	N/A	N/A	Rpt Only Max. Daily	Rpt Only Avg. Monthly	1/6 months	Grab
71900 - (Mercury, Total (as Hg)) (Year Round) (ML-1) (RF-C)	N/A	N/A	N/A	N/A	Rpt Only Max. Daily	Rpt Only Avg. Monthly	1/6 months	Grab
01104 - (Aluminum, Total Recoverable) (Year Round) (ML-1) (RF-C)	N/A	N/A	N/A	N/A	Rpt Only Max. Daily	Rpt Only Avg. Monthly	1/6 months	Grab
00980 - (Iron, Total Recoverable) (Year Round) (ML-1) (RF-C)	N/A	N/A	N/A	N/A	Rpt Only Max. Daily	Rpt Only Avg. Monthly	1/6 months	Grab
00940 - (Chloride (as Cl)) (Year Round) (ML-1) (RF-C)	N/A	N/A	N/A	N/A	Rpt Only Max. Daily	Rpt Only Avg. Monthly	1/6 months	Grab

**Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s):**  
Outlet 004, a 12" corrugated metal pipe

**This discharge shall comply with Appendix A - I MANAGEMENT CONDITIONS I - 12.**

**A.004 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:**

**Permit Limits**

During the period beginning 3/1/2024 and lasting through midnight 1/11/2029 the permittee is authorized to discharge from Outlet Number(s) 004 (Storm Water Runoff)

Such discharges shall be limited and monitored by the permittee as specified below:

Effluent Characteristic	Discharge Limitations			Monitoring Requirements	
	Quantity	Units	Other Units	Measurement Frequency	Sample Type
00981 - (Selenium, Total Recoverable) (Year Round) (ML-1) (RF-C)	N/A	N/A	Rpt Only Avg. Monthly	1/6 months	Grab

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s):  
Outlet 004, a 12" corrugated metal pipe

This discharge shall comply with Appendix A - I MANAGEMENT CONDITIONS I - 12.

**A.LM1 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:  
Permit Limits**

During the period beginning 3/1/2024 and lasting through midnight 1/11/2029 the permittee is authorized to discharge from Outlet Number(s) LM1 (Leachate)

**Such discharges shall be limited and monitored by the permittee as specified below:**

Effluent Characteristic	Discharge Limitations			Other Units	Units	Monitoring Requirements	
	Quantity	Units	Units			Measurement Frequency	Sample Type
50050 - (Flow,in Conduit or thru plant) (Year Round) (ML-1) (RF-C)	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	1/6 months	Estimated
00400 - (pH) (Year Round) (ML-1) (RF-C)	N/A	N/A	Rpt Only Inst. Min.	N/A	Rpt Only Inst. Max.	1/6 months	Grab
50060 - (Chlorine, Total Residual) (Year Round) (ML-1) (RF-C)	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	1/6 months	Grab
01104 - (Aluminum, Total Recoverable) (Year Round) (ML-1) (RF-C)	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	1/6 months	Grab
00980 - (Iron, Total Recoverable) (Year Round) (ML-1) (RF-C)	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	1/6 months	Grab
00940 - (Chloride (as Cl)) (Year Round) (ML-1) (RF-C)	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	1/6 months	Grab
01007 - (Barium, Total (as Ba)) (Year Round) (ML-1) (RF-C)	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	1/6 months	Grab
00095 - (Specific Conductance) (Year Round) (ML-1) (RF-C)	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	1/6 months	Grab

**Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s):**  
LM-1, discharge from the leachate collection system at Manhole #2, an 8" HDPE pipe.

**A.LM1 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:  
Permit Limits**

During the period beginning 3/1/2024 and lasting through midnight 1/11/2029 the permittee is authorized to discharge from Outlet Number(s) LM1 (Leachate)

**Such discharges shall be limited and monitored by the permittee as specified below:**

Effluent Characteristic	Discharge Limitations			Monitoring Requirements	
	Quantity	Units	Other Units	Measurement Frequency	Sample Type
1123 - (Total Recov. Manganese) (Year Round) (ML-1) (RF-C)	N/A	N/A	Rpt Only Avg. Monthly	1/6 months	Grab
81020 - (Sulfate) (Year Round) (ML-1) (RF-C)	N/A	N/A	Rpt Only Avg. Monthly	1/6 months	Grab
00927 - (Magnesium, Tot (as Mg)) (Year Round) (ML-1) (RF-C)	N/A	N/A	Rpt Only Avg. Monthly	1/6 months	Grab
00410 - (Alkalinity, Total) (Year Round) (ML-1) (RF-C)	N/A	N/A	Rpt Only Avg. Monthly	1/6 months	Grab
00937 - (Potassium, Total (as K)) (Year Round) (ML-1) (RF-C)	N/A	N/A	Rpt Only Avg. Monthly	1/6 months	Grab
00918 - (Calcium, Total Recoverable) (Year Round) (ML-1) (RF-C)	N/A	N/A	Rpt Only Avg. Monthly	1/6 months	Grab
00923 - (Sodium, Total Recoverable) (Year Round) (ML-1) (RF-C)	N/A	N/A	Rpt Only Avg. Monthly	1/6 months	Grab
01082 - (Strontium, Total (as Sr)) (Year Round) (ML-1) (RF-C)	N/A	N/A	Rpt Only Avg. Monthly	1/6 months	Grab

**Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s):**  
LM-1, discharge from the leachate collection system at Manhole #2, an 8" HDPE pipe.



**A.LM2 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:  
Permit Limits**

During the period beginning 3/1/2024 and lasting through midnight 1/11/2029 the permittee is authorized to discharge from Outlet Number(s) LM2 (Leachate)

**Such discharges shall be limited and monitored by the permittee as specified below:**

Effluent Characteristic	Discharge Limitations			Monitoring Requirements	
	Quantity	Units	Other Units	Measurement Frequency	Sample Type
50050 - (Flow, in Conduit or thru plant) (Year Round) (ML-1) (RF-C)	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	1/6 months Estimated
00400 - (pH) (Year Round) (ML-1) (RF-C)	N/A	N/A	Rpt Only Inst. Min.	Rpt Only Inst. Max.	1/6 months Grab
50060 - (Chlorine, Total Residual) (Year Round) (ML-1) (RF-C)	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	1/6 months Grab
01104 - (Aluminum, Total Recoverable) (Year Round) (ML-1) (RF-C)	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	1/6 months Grab
00980 - (Iron, Total Recoverable) (Year Round) (ML-1) (RF-C)	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	1/6 months Grab
00940 - (Chloride (as Cl)) (Year Round) (ML-1) (RF-C)	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	1/6 months Grab
01007 - (Barium, Total (as Ba)) (Year Round) (ML-1) (RF-C)	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	1/6 months Grab
00095 - (Specific Conductance) (Year Round) (ML-1) (RF-C)	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	1/6 months Grab

**Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s):**  
LM2, discharge from an 8" HDPE pipe at manhole LDMH-1

**ALM2 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:  
Permit Limits**

During the period beginning 3/1/2024 and lasting through midnight 1/11/2029 the permittee is authorized to discharge from Outlet Number(s) LM2 (Leachate)

**Such discharges shall be limited and monitored by the permittee as specified below:**

<u>Effluent Characteristic</u>	<u>Discharge Limitations</u>			<u>Units</u>	<u>Monitoring Requirements</u>	<u>Sample Type</u>
	<u>Quantity</u>	<u>Units</u>	<u>Other Units</u>			
11123 - (Total Recov. Manganese) (Year Round) (ML-1) (RF-C)	N/A	N/A	Rpt Only Avg. Monthly	mg/l	Rpt Only Max. Daily	1/6 months Grab
81020 - (Sulfate) (Year Round) (ML-1) (RF-C)	N/A	N/A	Rpt Only Avg. Monthly	mg/l	Rpt Only Max. Daily	1/6 months Grab
00927 - (Magnesium, Tot (as Mg)) (Year Round) (ML-1) (RF-C)	N/A	N/A	Rpt Only Avg. Monthly	mg/l	Rpt Only Max. Daily	1/6 months Grab
00410 - (Alkalinity, Total) (Year Round) (ML-1) (RF-C)	N/A	N/A	Rpt Only Avg. Monthly	mg/l	Rpt Only Max. Daily	1/6 months Grab
00937 - (Potassium, Total (as K)) (Year Round) (ML-1) (RF-C)	N/A	N/A	Rpt Only Avg. Monthly	mg/l	Rpt Only Max. Daily	1/6 months Grab
00918 - (Calcium, Total Recoverable) (Year Round) (ML-1) (RF-C)	N/A	N/A	Rpt Only Avg. Monthly	mg/l	Rpt Only Max. Daily	1/6 months Grab
00923 - (Sodium, Total Recoverable) (Year Round) (ML-1) (RF-C)	N/A	N/A	Rpt Only Avg. Monthly	mg/l	Rpt Only Max. Daily	1/6 months Grab
01082 - (Strontium, Total (as Sr)) (Year Round) (ML-1) (RF-C)	N/A	N/A	Rpt Only Avg. Monthly	mg/l	Rpt Only Max. Daily	1/6 months Grab

**Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s):**  
LM2, discharge from an 8" HDPE pipe at manhole LDMH-1

**A.MW1R MONITORING WELL REQUIREMENTS:  
Permit Limits**

During the period beginning 3/1/2024 and lasting through midnight 1/11/2029 the permittee will monitor Well Number(s) MW1R (Monitoring Well)

**Such well shall be monitored by the permittee as specified below:**

<u>Monitoring Well Characteristic</u>	<u>Monitoring Requirements</u>				<u>Units</u>	<u>Measurement Frequency</u>	<u>Sample Type</u>
	<u>Quantity</u>	<u>Units</u>	<u>Other Units</u>	<u>Measurement Frequency</u>			
00530 - (Total Suspended Solids) (Year Round) (ML-O) (RF-B)	N/A	N/A	N/A	Rpt Only Avg. Monthly	mg/l	1/quarter	Grab
00400 - (pH) (Year Round) (ML-O) (RF-B)	N/A	N/A	N/A	Rpt Only Inst. Min.	S. U.	1/quarter	Grab
00940 - (Chloride (as Cl)) (Year Round) (ML-O) (RF-B)	N/A	N/A	N/A	Rpt Only Avg. Monthly	mg/l	1/quarter	Grab
70295 - (Solids, Total Dissolved (TDS)) (Year Round) (ML-O) (RF-B)	N/A	N/A	N/A	Rpt Only Avg. Monthly	mg/l	1/quarter	Grab
01106 - (Aluminum, Diss. (as Al)) (Year Round) (ML-O) (RF-B)	N/A	N/A	N/A	Rpt Only Avg. Monthly	mg/l	1/quarter	Grab
00095 - (Specific Conductance) (Year Round) (ML-O) (RF-B)	N/A	N/A	N/A	Rpt Only Avg. Monthly	UMHO/CM	1/quarter	Grab
01005 - (Barium, Dissolved (as Ba)) (Year Round) (ML-O) (RF-B)	N/A	N/A	N/A	Rpt Only Avg. Monthly	mg/l	1/quarter	Grab
00915 - (Calcium, Dissolved (as Ca)) (Year Round) (ML-O) (RF-B)	N/A	N/A	N/A	Rpt Only Avg. Monthly	mg/l	1/quarter	Grab

**Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s):**  
MW1R

**A.MW1R MONITORING WELL REQUIREMENTS:  
Permit Limits**

During the period beginning 3/1/2024 and lasting through midnight 1/11/2029 the permittee will monitor Well Number(s) MW1R (Monitoring Well)

**Such well shall be monitored by the permittee as specified below:**

<u>Monitoring Well Characteristic</u>	<u>Monitoring Requirements</u>				<u>Units</u>	<u>Measurement Frequency</u>	<u>Sample Type</u>
	<u>Quantity</u>	<u>Units</u>	<u>Other Units</u>	<u>Units</u>			
01046 - (Iron, Dissolved (as Fe)) (Year Round) (ML-O) (RF-B)	N/A	N/A	N/A	Rpt Only Avg. Monthly	mg/l	1/quarter	Grab
01056 - (Manganese, Diss. (as Mn)) (Year Round) (ML-O) (RF-B)	N/A	N/A	N/A	Rpt Only Avg. Monthly	mg/l	1/quarter	Grab
00011 - (Temperature, F) (Year Round) (ML-O) (RF-B)	N/A	N/A	N/A	Rpt Only Avg. Monthly	DEG.F	1/quarter	Grab
81020 - (Sulfate) (Year Round) (ML-O) (RF-B)	N/A	N/A	N/A	Rpt Only Avg. Monthly	mg/l	1/quarter	Grab
00925 - (Magnesium, Diss. (as Mg)) (Year Round) (ML-O) (RF-B)	N/A	N/A	N/A	Rpt Only Avg. Monthly	mg/l	1/quarter	Grab
00930 - (Sodium, Diss. (as Na)) (Year Round) (ML-O) (RF-B)	N/A	N/A	N/A	Rpt Only Avg. Monthly	mg/l	1/quarter	Grab
00410 - (Alkalinity, Total) (Year Round) (ML-O) (RF-B)	N/A	N/A	N/A	Rpt Only Avg. Monthly	mg/l	1/quarter	Grab
00935 - (Potassium, Diss. (as K)) (Year Round) (ML-O) (RF-B)	N/A	N/A	N/A	Rpt Only Avg. Monthly	mg/l	1/quarter	Grab

**Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s):**  
MW1R

**A.MW1R MONITORING WELL REQUIREMENTS:  
Permit Limits**

During the period beginning 3/1/2024 and lasting through midnight 1/11/2029 the permittee will monitor Well Number(s) MW 1R (Monitoring Well)

**Such well shall be monitored by the permittee as specified below:**

<u>Monitoring Well Characteristic</u>	<u>Monitoring Requirements</u>				<u>Measurement Frequency</u>	<u>Sample Type</u>
	<u>Quantity</u>	<u>Units</u>	<u>Other Units</u>	<u>Units</u>		
01082 - (Strontium, Total (as Sr)) (Year Round) (ML-O) (RF-B)	N/A	N/A	N/A	Rpt Only Avg. Monthly	1/quarter	Grab

**Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s):**  
MW1R

**A.MW3 MONITORING WELL REQUIREMENTS:  
Permit Limits**

During the period beginning 3/1/2024 and lasting through midnight 1/11/2029 the permittee will monitor Well Number(s) MW3 (Monitoring Well)

**Such well shall be monitored by the permittee as specified below:**

Monitoring Well Characteristic	Monitoring Requirements				Units	Measurement Frequency	Sample Type
	Quantity	Units	Other Units	Measurement Frequency			
00530 - (Total Suspended Solids) (Year Round) (ML-1) (RF-B)	N/A	N/A	Rpt Only Avg. Monthly	N/A	Rpt Only Max. Daily	1/quarter	Grab
00400 - (pH) (Year Round) (ML-1) (RF-B)	N/A	N/A	Rpt Only Inst. Min.	N/A	Rpt Only Inst. Max.	1/quarter	Grab
00940 - (Chloride (as Cl)) (Year Round) (ML-1) (RF-B)	N/A	N/A	Rpt Only Avg. Monthly	N/A	Rpt Only Max. Daily	1/quarter	Grab
70295 - (Solids, Total Dissolved (TDS)) (Year Round) (ML-1) (RF-B)	N/A	N/A	Rpt Only Avg. Monthly	N/A	Rpt Only Max. Daily	1/quarter	Grab
01106 - (Aluminum, Diss. (as Al)) (Year Round) (ML-1) (RF-B)	N/A	N/A	Rpt Only Avg. Monthly	N/A	Rpt Only Max. Daily	1/quarter	Grab
00095 - (Specific Conductance) (Year Round) (ML-1) (RF-B)	N/A	N/A	Rpt Only Avg. Monthly	N/A	Rpt Only Max. Daily	1/quarter	Grab
01005 - (Barium, Dissolved (as Ba)) (Year Round) (ML-1) (RF-B)	N/A	N/A	Rpt Only Avg. Monthly	N/A	2 Max. Daily	1/quarter	Grab
00915 - (Calcium, Dissolved (as Ca)) (Year Round) (ML-1) (RF-B)	N/A	N/A	Rpt Only Avg. Monthly	N/A	Rpt Only Max. Daily	1/quarter	Grab

**Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s):**  
MW3

**A.MW3 MONITORING WELL REQUIREMENTS:  
Permit Limits**

During the period beginning 3/1/2024 and lasting through midnight 1/11/2029 the permittee will monitor Well Number(s) MW3 (Monitoring Well)

**Such well shall be monitored by the permittee as specified below:**

Monitoring Well Characteristic	Monitoring Requirements				Units	Measurement Frequency	Sample Type
	Quantity	Units	Other Units	Frequency			
01046 - (Iron, Dissolved (as Fe)) (Year Round) (ML-1) (RF-B)	N/A	N/A	Rpt Only Avg. Monthly	N/A	mg/l	1/quarter	Grab
01056 - (Manganese, Diss. (as Mn)) (Year Round) (ML-1) (RF-B)	N/A	N/A	Rpt Only Avg. Monthly	N/A	mg/l	1/quarter	Grab
00011 - (Temperature, F) (Year Round) (ML-1) (RF-B)	N/A	N/A	Rpt Only Avg. Monthly	N/A	DEG.F	1/quarter	Grab
81020 - (Sulfate) (Year Round) (ML-1) (RF-B)	N/A	N/A	Rpt Only Avg. Monthly	N/A	mg/l	1/quarter	Grab
00925 - (Magnesium, Diss. (as Mg)) (Year Round) (ML-1) (RF-B)	N/A	N/A	Rpt Only Avg. Monthly	N/A	mg/l	1/quarter	Grab
00930 - (Sodium, Diss. (as Na)) (Year Round) (ML-1) (RF-B)	N/A	N/A	Rpt Only Avg. Monthly	N/A	mg/l	1/quarter	Grab
00410 - (Alkalinity, Total) (Year Round) (ML-1) (RF-B)	N/A	N/A	Rpt Only Avg. Monthly	N/A	mg/l	1/quarter	Grab
00935 - (Potassium, Diss. (as K)) (Year Round) (ML-1) (RF-B)	N/A	N/A	Rpt Only Avg. Monthly	N/A	mg/l	1/quarter	Grab

**Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s):**  
MW3

**A.MW3 MONITORING WELL REQUIREMENTS:  
Permit Limits**

During the period beginning 3/1/2024 and lasting through midnight 1/1/2029 the permittee will monitor Well Number(s) MW3 (Monitoring Well)

Such well shall be monitored by the permittee as specified below:

<u>Monitoring Well Characteristic</u>	<u>Monitoring Requirements</u>				<u>Units</u>	<u>Measurement Frequency</u>	<u>Sample Type</u>
	<u>Quantity</u>	<u>Units</u>	<u>Other Units</u>				
01082 - (Strontium, Total (as Sr)) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	Rpt Only Avg. Monthly	mg/l	1/quarter	Grab

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s):  
MW3



**A.MW4 MONITORING WELL REQUIREMENTS:  
Permit Limits**

During the period beginning 3/1/2024 and lasting through midnight 1/11/2029 the permittee will monitor Well Number(s) MW4 (Monitoring Well)

**Such well shall be monitored by the permittee as specified below:**

<u>Monitoring Well Characteristic</u>	<u>Monitoring Requirements</u>				<u>Units</u>	<u>Measurement Frequency</u>	<u>Sample Type</u>
	<u>Quantity</u>	<u>Units</u>	<u>Other Units</u>	<u>Units</u>			
00530 - (Total Suspended Solids) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	Rpt Only Avg. Monthly	mg/l	1/quarter	Grab
00400 - (pH) (Year Round) (ML-1) (RF-B)	N/A	N/A	Rpt Only Inst. Min.	N/A	S.U.	1/quarter	Grab
00940 - (Chloride (as Cl)) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	Rpt Only Avg. Monthly	mg/l	1/quarter	Grab
70295 - (Solids, Total Dissolved (TDS)) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	Rpt Only Avg. Monthly	mg/l	1/quarter	Grab
01106 - (Aluminum, Diss. (as Al)) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	Rpt Only Avg. Monthly	mg/l	1/quarter	Grab
00095 - (Specific Conductance) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	Rpt Only Avg. Monthly	UMHO/CM	1/quarter	Grab
01005 - (Barium, Dissolved (as Ba)) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	Rpt Only Avg. Monthly	mg/l	1/quarter	Grab
00915 - (Calcium, Dissolved (as Ca)) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	Rpt Only Avg. Monthly	mg/l	1/quarter	Grab

**Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s):**  
MW4

**A.MW4 MONITORING WELL REQUIREMENTS:  
Permit Limits**

During the period beginning 3/1/2024 and lasting through midnight 1/11/2029 the permittee will monitor Well Number(s) MW4 (Monitoring Well)

**Such well shall be monitored by the permittee as specified below:**

<u>Monitoring Well Characteristic</u>	<u>Monitoring Requirements</u>				<u>Units</u>	<u>Measurement Frequency</u>	<u>Sample Type</u>
	<u>Quantity</u>	<u>Units</u>	<u>Other Units</u>	<u>Units</u>			
01046 - (Iron, Dissolved (as Fe)) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	Rpt Only Avg. Monthly	mg/l	1/quarter	Grab
01056 - (Manganese, Diss. (as Mn)) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	Rpt Only Avg. Monthly	mg/l	1/quarter	Grab
00011 - (Temperature, F) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	Rpt Only Avg. Monthly	DEG.F	1/quarter	Grab
81020 - (Sulfate) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	Rpt Only Avg. Monthly	mg/l	1/quarter	Grab
00925 - (Magnesium, Diss. (as Mg)) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	Rpt Only Avg. Monthly	mg/l	1/quarter	Grab
00930 - (Sodium, Diss. (as Na)) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	Rpt Only Avg. Monthly	mg/l	1/quarter	Grab
00410 - (Alkalinity, Total) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	Rpt Only Avg. Monthly	mg/l	1/quarter	Grab
00935 - (Potassium, Diss. (as K)) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	Rpt Only Avg. Monthly	mg/l	1/quarter	Grab

**Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s):**  
MW4

**A.MW4 MONITORING WELL REQUIREMENTS:  
Permit Limits**

During the period beginning 3/1/2024 and lasting through midnight 1/11/2029 the permittee will monitor Well Number(s) MW4 (Monitoring Well)

**Such well shall be monitored by the permittee as specified below:**

<u>Monitoring Well Characteristic</u>	<u>Monitoring Requirements</u>			<u>Units</u>	<u>Measurement Frequency</u>	<u>Sample Type</u>
	<u>Quantity</u>	<u>Units</u>	<u>Other Units</u>			
01082 - (Strontium, Total (as Sr)) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	mg/l	1/quarter	Grab

**Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s):**  
MW4

**A.MW5 MONITORING WELL REQUIREMENTS:  
Permit Limits**

During the period beginning 3/1/2024 and lasting through midnight 1/11/2029 the permittee will monitor Well Number(s) MW5 (Monitoring Well)

**Such well shall be monitored by the permittee as specified below:**

Monitoring Well Characteristic	Monitoring Requirements						Measurement Frequency	Sample Type
	Quantity	Units	Other Units	Units	Measurement Frequency	Sample Type		
00530 - (Total Suspended Solids) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	mg/l	1/quarter	Grab
00400 - (pH) (Year Round) (ML-1) (RF-B)	N/A	N/A	Rpt Only Inst. Min.	N/A	Rpt Only Inst. Max.	S. U.	1/quarter	Grab
00940 - (Chloride (as Cl)) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	mg/l	1/quarter	Grab
70295 - (Solids, Total Dissolved (TDS)) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	mg/l	1/quarter	Grab
01106 - (Aluminum, Diss. (as Al)) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	mg/l	1/quarter	Grab
00095 - (Specific Conductance) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	UMHO/CM	1/quarter	Grab
01005 - (Barium, Dissolved (as Ba)) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	Rpt Only Avg. Monthly	2 Max. Daily	mg/l	1/quarter	Grab
00915 - (Calcium, Dissolved (as Ca)) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	mg/l	1/quarter	Grab

**Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s):**  
MW5

**A.MW5 MONITORING WELL REQUIREMENTS:  
Permit Limits**

During the period beginning 3/1/2024 and lasting through midnight 1/11/2029 the permittee will monitor Well Number(s) MW5 (Monitoring Well)

**Such well shall be monitored by the permittee as specified below:**

<u>Monitoring Well Characteristic</u>	<u>Monitoring Requirements</u>						<u>Measurement Frequency</u>	<u>Sample Type</u>
	<u>Quantity</u>	<u>Units</u>	<u>Other Units</u>	<u>Units</u>	<u>Other Units</u>	<u>Units</u>		
01046 - (Iron, Dissolved (as Fe)) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	mg/l	1/quarter Grab
01056 - (Manganese, Diss. (as Mn)) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	mg/l	1/quarter Grab
00011 - (Temperature, F) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	DEG.F	1/quarter Grab
81020 - (Sulfate) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	mg/l	1/quarter Grab
00925 - (Magnesium, Diss. (as Mg)) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	mg/l	1/quarter Grab
00930 - (Sodium, Diss. (as Na)) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	mg/l	1/quarter Grab
00410 - (Alkalinity, Total) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	mg/l	1/quarter Grab
00935 - (Potassium, Diss. (as K)) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	mg/l	1/quarter Grab

**Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s):**  
MW5

**A.MW5 MONITORING WELL REQUIREMENTS:  
Permit Limits**

During the period beginning 3/1/2024 and lasting through midnight 1/1/2029 the permittee will monitor Well Number(s) MW5 (Monitoring Well)

Such well shall be monitored by the permittee as specified below:

<u>Monitoring Well Characteristic</u>	<u>Monitoring Requirements</u>				<u>Units</u>	<u>Measurement Frequency</u>	<u>Sample Type</u>
	<u>Quantity</u>	<u>Units</u>	<u>Other Units</u>				
01082 - (Strontium, Total (as Sr)) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	Rpt Only Avg. Monthly	mg/l	1/quarter	Grab

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s):  
MW5

**A.MW6 MONITORING WELL REQUIREMENTS:  
Permit Limits**

During the period beginning 3/1/2024 and lasting through midnight 1/11/2029 the permittee will monitor Well Number(s) MW6 (Monitoring Well)

**Such well shall be monitored by the permittee as specified below:**

Monitoring Well Characteristic	Monitoring Requirements						Measurement Frequency	Sample Type	
	Quantity	Units	Other Units	Units	Measurement Frequency	Sample Type			
00530 - (Total Suspended Solids) (Year Round) (ML-O) (RF-B)	N/A	N/A	N/A	Rpt Only	Rpt Only	Avg. Monthly	mg/l	1/quarter	Grab
00400 - (pH) (Year Round) (ML-O) (RF-B)	N/A	N/A	N/A	Rpt Only	N/A	Inst. Min.	S.U.	1/quarter	Grab
00940 - (Chloride (as Cl)) (Year Round) (ML-O) (RF-B)	N/A	N/A	N/A	N/A	Rpt Only	Avg. Monthly	mg/l	1/quarter	Grab
70295 - (Solids, Total Dissolved (TDS)) (Year Round) (ML-O) (RF-B)	N/A	N/A	N/A	N/A	Rpt Only	Avg. Monthly	mg/l	1/quarter	Grab
01106 - (Aluminum, Diss. (as Al)) (Year Round) (ML-O) (RF-B)	N/A	N/A	N/A	N/A	Rpt Only	Avg. Monthly	mg/l	1/quarter	Grab
00095 - (Specific Conductance) (Year Round) (ML-O) (RF-B)	N/A	N/A	N/A	N/A	Rpt Only	Avg. Monthly	UMHO/CM	1/quarter	Grab
01005 - (Barium, Dissolved (as Ba)) (Year Round) (ML-O) (RF-B)	N/A	N/A	N/A	N/A	Rpt Only	Avg. Monthly	mg/l	1/quarter	Grab
00915 - (Calcium, Dissolved (as Ca)) (Year Round) (ML-O) (RF-B)	N/A	N/A	N/A	N/A	Rpt Only	Avg. Monthly	mg/l	1/quarter	Grab

**Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s):**  
MW6

**A.MW6 MONITORING WELL REQUIREMENTS:  
Permit Limits**

During the period beginning 3/1/2024 and lasting through midnight 1/11/2029 the permittee will monitor Well Number(s) MW6 (Monitoring Well)

**Such well shall be monitored by the permittee as specified below:**

Monitoring Well Characteristic	Monitoring Requirements				Units	Measurement Frequency	Sample Type
	Quantity	Units	Other Units	Measurement Frequency			
01046 - (Iron, Dissolved (as Fe)) (Year Round) (ML-O) (RF-B)	N/A	N/A	N/A	Rpt Only Avg. Monthly	mg/l	1/quarter	Grab
01056 - (Manganese, Diss. (as Mn)) (Year Round) (ML-O) (RF-B)	N/A	N/A	N/A	Rpt Only Avg. Monthly	mg/l	1/quarter	Grab
00011 - (Temperature, F) (Year Round) (ML-O) (RF-B)	N/A	N/A	N/A	Rpt Only Avg. Monthly	DEG.F	1/quarter	Grab
81020 - (Sulfate) (Year Round) (ML-O) (RF-B)	N/A	N/A	N/A	Rpt Only Avg. Monthly	mg/l	1/quarter	Grab
00925 - (Magnesium, Diss. (as Mg)) (Year Round) (ML-O) (RF-B)	N/A	N/A	N/A	Rpt Only Avg. Monthly	mg/l	1/quarter	Grab
00930 - (Sodium, Diss. (as Na)) (Year Round) (ML-O) (RF-B)	N/A	N/A	N/A	Rpt Only Avg. Monthly	mg/l	1/quarter	Grab
00410 - (Alkalinity, Total) (Year Round) (ML-O) (RF-B)	N/A	N/A	N/A	Rpt Only Avg. Monthly	mg/l	1/quarter	Grab
00935 - (Potassium, Diss. (as K)) (Year Round) (ML-O) (RF-B)	N/A	N/A	N/A	Rpt Only Avg. Monthly	mg/l	1/quarter	Grab

**Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s):**  
MW6



**A.MW6 MONITORING WELL REQUIREMENTS:  
Permit Limits**

During the period beginning 3/1/2024 and lasting through midnight 1/11/2029 the permittee will monitor Well Number(s) MW6 (Monitoring Well)

**Such well shall be monitored by the permittee as specified below:**

<u>Monitoring Well Characteristic</u>	<u>Monitoring Requirements</u>			<u>Units</u>	<u>Measurement Frequency</u>	<u>Sample Type</u>
	<u>Quantity</u>	<u>Units</u>	<u>Other Units</u>			
01082 - (Strontium, Total (as Sr)) (Year Round) (ML-O) (RF-B)	N/A	N/A	N/A	Rpt Only Avg. Monthly	1/quarter	Grab

**Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s):**  
MW6

## B. SCHEDULE OF COMPLIANCE

**1. The permittee shall achieve compliance with the provisions for waste treatment and the monitoring requirements specified in the permit in accordance with the following schedule :**

**Sep 01, 2024:** The permittee shall establish groundwater backgrounds for statistical comparison for all parameters except temperature, pH, specific conductance, and total suspended solids in Section A for the site. Backgrounds shall be established per 33 CSR 1, Section 4.11.a.4. Upon establishment and documentation of backgrounds the permittee shall establish groundwater standards for the parameters in Section D.2.b. and apply for a major permit modification to incorporate the standards into this permit. The permittee shall also sample and analyze all parameters in Appendix I and Appendix II of 33 CSR 1 at all monitoring wells in Section D.2.b.

**Sep 01, 2024:** The permittee shall address and remedy the continued obstruction of MW-6 including properly abandoning the well and submitting a major permit modification to include the subsequent replacement well into the permit. In lieu of replacing the well the permittee may properly abandon and submit PG certification that the well is not necessary to effectively monitor the permitted site.

**Mar 01, 2025:** The permittee shall collect quarterly groundwater samples in monitoring wells MW1R, MW3, MW4, MW5, and MW6 for total residual chlorine. Should total residual chlorine be detected in downgradient monitoring wells the permittee shall add total residual chlorine to the Phase II monitoring program by establishing both a background and a groundwater standard.

**2. Reports of compliance or non-compliance with, and progress reports on interim and final requirements contained in the above compliance schedule, if any, shall be postmarked no later than 14 days following each schedule date.**

## Section C - Other Requirements

01. Only the waste materials specified in Permit Application No. WV0116521 dated May 11th, 2022, shall be disposed of at this facility. This material consist of the byproduct of mine water coming from 5 seperate mines located in the general vicinity of the treatment facility. This facility uses a treatment process to purify this water and the rejection is sent to the Dent's Run Landfill to be disposed of in accordance with this permit, WV0116521.
02. Reporting
  - a. Monitoring reports not submitted to the agency's electronic submission system (ESS) shall be submitted to the address indicated in Condition C.09 and shall be postmarked no later than the twenty-fifth (25) day following the end of the reporting period. Monitoring reports submitted to the agency's ESS shall be reported no later than the twenty-fifth (25) day following the end of the reporting period.
  - b. Annual Report. An annual report, as required in 33 CSR 1 4.12.g, is to be submitted to the Electronic Submission System (ESS) for the previous calendar year. If ESS is not available Annual Report is to be submitted to the address indicated in Condition C.09. The annual report is to be submitted before January 31 of the following year and shall include the following information:
    - (1) Summary of the previous year's monitoring activities;
    - (2) A brief narrative describing the status of the facility which shall indicate any remedial activities, construction activities, and routine maintenance at the facility, and/or maintenance of the facility including the flushing of the leachate collection system and leachate detection system required by Conditions C.08 and C.10.
    - (3) A topographic map showing the permitted area, location of current working area(s) and completed area(s), cross sections showing volume of area that has been filled, and computations estimating the remaining useful life of the facility;
    - (4) Groundwater flow rate and direction in the uppermost significant aquifer as required by Condition D.1.c., and
    - (5) Summary of the past year's dispsosal activities specifying quantities of individual waste types.
03. Colorimetric analytical methods, as specified in 40 CFR Part 136, shall not be utilized (see Appendix A, Section III.3).
04. The permittee shall monthly examine the finished surfaces of the disposal area for 1) evidence of cracking or erosion which could allow waters to enter solid waste deposits and 2) evidence of settling of solid waste causing ponding of surface water. Finished surfaces which have cracked, eroded, or settled shall be repaired by any necessary regrading, additions of cover material, and revegetation activities.
05. The following activities are prohibited unless specifically approved by permit modification:
  - a. Use of the facility for agricultural purposes,
  - b. Establishment or construction of any buildings, and
  - c. Excavation of the final cover or any waste materials.
06. The permittee shall inspect prior to the spring and fall planting seasons the vegetative cover of the disposal area. Areas that are deficient of vegetative cover shall be reseeded to establish a satisfactory stand of vegetation. Areas are considered to be deficient of vegetation if a 90% cover of perennial grasses or legumes has not been established.
07. The permittee shall maintain in good operating condition all sediment and erosion control structures. Settled solids shall be removed from sediment and erosion control structures when these solids accumulate to 60% of the structure's total sediment capacity or when resuspension of solids begins, whichever occurs first.
08. Immediately after construction of each new cell of the disposal area, and also after the placement of the first layer of waste materials within each new cell, its leachate collection and leachate detection system piping shall be cleaned out with a water jetting device or Best Available Practice (BAP).

## Section C - Other Requirements

09. The required monitoring reports shall be submitted through the electronic submission system. Any reports or letters not submitted to the electronic system shall be addressed to:

Director  
Div. of Water and Waste Mgmt.  
601 57th Street, SE  
Charleston, WV 25304  
Attn: Kenneth Wandling  
kenneth.wandling@wv.gov

10. The permittee shall annually, utilizing a water jet cleanout device or BAP, to clean the piping of the leachate collection system and the leachate detection system of all cells within the disposal area.
11. Any "non detect (ND)" sampling result obtained by the permittee must be "ND" at the method detection limit (MDL) for the test method used for that parameter and shall be reported on the DMR as less than the MDL used (<MDL). The permittee shall not report a sampling result as Zero or "ND" or report the result as less than a minimum level (ML), reporting limit (RL), or practical quantitation limit (PQL).  
When averaging values of analytical results for DMR reporting purposes for monthly averages, if required, the permittee should use the actual analytical results when these results are greater than or equal to the MDL and should use zero (0) when these results are less than the MDL. If all analytical results are non-detect at the MDL (<MDL), then the permittee should use the actual MDL in the calculation for averaging and report the result as less than the average calculation.
12. In incidences where a specific test method is not defined, the permittee shall utilize an EPA approved method with a method detection limit (MDL) sensitive enough to confirm compliance with the permit effluent limit for that parameter. If an MDL is not sensitive enough to confirm compliance, the most sensitive method must be used. If a more sensitive EPA approved method becomes available, that method shall be used. Should the current and/or new method not be sensitive enough to confirm compliance with the permitted effluent limit, analytical results reported as "non detected" at the MDL of the most sensitive method available will be deemed compliant for purposes of permit compliance. Results shall be reported on the Discharge Monitoring Reports as a numeric values less than the MDL.
13. The following sections of Title 33, Series 1, Solid Waste Management Rule, are hereby waived: 3.2.k.1, 3.2.l, 4.4, 4.12.b., and 4.12.f.
14. The following storm water requirements apply to Outlet(s) 001, 004:
- a. Samples shall be collected from the discharge resulting from a storm event that is greater than 0.1 inches in magnitude and that occurs at least 72 hours from the previously measurable (greater than 0.1 inch rainfall) storm event. Samples shall be taken during the first thirty (30) minutes, or as soon thereafter as practicable, of the storm event.
  - b. Outlet 001 discharges from a stormwater settling pond and is equipped with a valve device, as such, the agency is requiring facility to take a sample when discharge events occur. Permit requires facility to take a sample and analyze pollutants listed in Section A quarterly when the storm water Outlet is discharging into waters of the State."

Outlet 004 discharges from a manmade conveyance beside the haul road leading to the mixing building. Grab samples shall be taken at Outlet 004 during the first thirty minutes of the discharge. If the collection of a grab sample during the first thirty minutes of the discharge is impracticable, a grab sample can be taken during the first hour of the discharge, and the discharger shall submit with the monitoring report a description of why the collection of a grab sample during the first thirty minutes was impracticable. Samples shall be collected from the discharge resulting from a storm event that is greater than .1 inches in magnitude and that occurs at least 72 hours from the previously measurable (greater than .1-inch rainfall) storm event. When no discharge from Outlet 004 occurs, the permittee may place a "No Discharge" into the DMRs.

**Section C - Other Requirements**

14. c. When the concentration of a pollutant from a minimum of four consecutive samples obtained from Outlet 001 and Outlet 004 are all less than the corresponding benchmark value for the pollutant, see section C.14.d. below, additional monitoring for the pollutant may not be required (all pH values of the samples must be within the range 6.0 to 9.0 S.U.) for the particular outlet. In lieu of the monitoring data required by Outlet A.001 and A.004 the permittee shall provide an "Annual Certification" form to the address referenced in Condition C.09 which shall reference the pollutants and the Outlet for which monitoring is no longer required and thereafter shall submit annually to the address said certification form stating that there has not been a significant change in the industrial activity or the pollution prevention measures in the area of the facility that drains to the outlet for which sampling is to be waived. If the average concentration of a pollutant exceeds the corresponding benchmark concentration or pH values of all the samples are not within the range of 6.0 to 9.0 S.U., monitoring shall be continued and the Stormwater Pollution Prevention Plan (SWPPP) shall be revised and implemented. A letter stating the revised and implemented SWPPP shall be submitted to the address listed in Condition C.09.

d.

Pollutant	Benchmark Value	
Aluminum, Total Rec.	0.75	mg/l
Arsenic	0.16854	mg/l
Chloride	860.0	mg/l
Chromium, Total	0.1	mg/l
Iron	1.5	mg/l
Lead	0.0816	mg/l
Mercury	0.0024	mg/l
pH	6.0 - 9.0	S.U.
Selenium	0.2385	mg/l
Total Dissolved Solids	500.0	mg/l
Total Suspended Solids	100.0	mg/l

15. This permit does not authorize overflows from the six-foot diameter wet well or the pump station depicted on Drawing No. B10-354-E61 from the previous Application. The agency also does not believe that any discharge from this unit meets the requirements of Appendix II.b.3 and therefore cannot be considered an allowable "bypass". Any such discharge may potentially be considered a "bypass" and may be reported to the WV Emergency Spill Hotline as required in Appendix A, Section II.3 as applicable. However, please note that based on Appendix A.II.3.d.B, a "bypass" is only permissible when there are no feasible alternatives to the "bypass", such as auxiliary treatment facilities, retention of untreated wastes, or maintenance during normal periods of equipment downtime. A "bypass" is not permissible if adequate backup equipment should have been installed in the exercise of reasonable engineering judgment to prevent the "bypass". The permittee may only allow an unanticipated "bypass" to occur and not provide immediate notice as required by Appendix A.IV.2.b if essential maintenance to assure efficient operation is being performed. Routine discharges that are not for essential maintenance to assure efficient operation of the treatment works require the permittee to modify this permit to impose the appropriate permit requirements and effluent limitations which would make the overflow events permissible.

16. Effluent monitoring for the following pollutants shall be conducted using the most sensitive methods and detection levels commercially available and economically feasible. The following methods are to be used unless the permittee desires to use a 40 CFR 136, EPA Approved Test Method with an equivalent or more sensitive method detection level. Regardless, it is recognized that detection levels can vary from analysis to analysis and that non-detect results at a equivalent MDL for the specified test method would not constitute a permit violation.

a.

Parameter	EPA Method No.	Method Detection Level (ug/l)
Arsenic, Total Rec.	200.8	1.4
Chromium, TOTAL	200.8	0.9
Lead, Total Rec.	200.8	0.6
Mercury, TOTAL	245.7/1631	1.8/.2 (ng/l)
Selenium, Total Rec.	200.8	7.9

17. The limitations for pH are 6.0 Standard Units minimum and 9.0 Standard Units maximum.

**Section C - Other Requirements**

18. The use of HDPE in place of LLDPE for part of the final cover is allowed. Through the submittal of supplemental information within the application the permittee has shown this geomembrane to be adequate in performing all functions.

## Section D - Groundwater Monitoring

### 1. Monitoring Well Reporting

- a. The permittee shall submit quarterly as referenced in Condition C.2.a. in accordance with the enclosed format, a Quarterly Monitoring Well Report indicating in terms of concentration the values of the constituents listed. Dissolved metals concentrations shall be reported unless otherwise specified. If concentration levels are found to be below method detection limits, so note and report the specific method detection limit.
- b. Water levels shall be obtained prior to pumping or sampling using the wetted tape method or an electronic detector.
  - (1) Stagnant water shall be removed from the well bore prior to sampling so that a representative sample may be obtained. Stagnant water shall be removed at a rate that is no greater than the recovery rate of the well. The water shall be removed until values for water temperature, pH, and specific conductance stabilize. This is determined by relatively constant readings which are within 10 percent over two consecutive measurements. In cases where this method is impractical due to monitoring well design or hydrogeological circumstances, the permittee may submit for approval an alternative sampling procedure. Purging efficiency parameter results shall not be submitted but are to be retained as stated in Appendix A, III.6.
- c. The permittee shall determine the groundwater flow rate and direction in the uppermost significant aquifer at least annually.
- d. The permittee shall establish background groundwater quality for each of the monitored parameters indicated in Section A.MW1R of this permit by sampling well MW-1R. The minimum number of samples used to establish background groundwater quality must be consistent with the appropriate statistical procedures referenced in Section 4.11.a.7 of Title 33, Series 1, Solid Waste Management Rule. This background groundwater quality shall be used as the Groundwater Quality Standard (GWQS) for all down-gradient wells for this site for the term of the permit.
- e. The permittee shall determine whether there is a statistically significant increase over background levels for each parameter listed in Sections A.MW1R of this permit less pH, Specific Conductance, Total Suspended Solids, and Temperature. To determine such, the permittee shall compare groundwater quality in monitoring wells MW-3, MW-4, MW-5, and MW-6 with monitoring well MW-1R. Submission of statistical analyses shall commence with the Quarterly Monitoring Well Reporting and shall be submitted concurrently with the Quarterly Monitoring Well Report. Statistical analyses shall be conducted in accordance with Section 4.11.a.7 of Title 33, Series 1, Solid Waste Management Rule. If the permittee determines that there is a statistically significant increase over background for any parameter listed in Section A.MW1R of this permit, he shall indicate concurrent with the submission of the Quarterly Monitoring Well Report which parameters have shown the statistically significant increase.
- f. The permittee must employ one of the following statistical procedures in combination with the appropriate sampling requirements to determine a statistically significant increase:
  - (1) A parametric analysis of variance (ANOVA) followed by multiple comparisons procedures to identify statistically significant evidence of contamination. The procedure must include estimation and testing of the contrasts between each down gradient well's mean and the background mean level for each constituent;
  - (2) An analysis of variance based on ranks followed by multiple comparisons procedures to identify statistically significant evidence of contamination. The procedure must include estimation and testing of the contrasts between each down gradient well's mean and the background mean level for each constituent;
  - (3) Tolerance or prediction interval procedure in which a tolerance interval for each constituent is established from the distribution of the background data, and the level of each constituent is established from the distribution of the background data, and the level of each constituent in each down gradient well is compared to the upper tolerance or prediction limit; or
  - (4) A control chart approach that gives control limits for each constituent.

## Section D - Groundwater Monitoring

1. g. The Director may establish an alternative sampling procedure and statistical test for any of the constituents listed in the permit, as required to protect human health and the environment.
  - h. (3) If the repeat sampling indicates that there is not a statistically significant increase over the background for the respective pollutant, the permittee shall continue sampling as required by this permit.  
  
If there is a statistically significant increase over background concentrations for any groundwater parameter listed in Section A, less pH, Total Suspended Solids, Specific Conductance, and Temperature, the permittee must do the following:
    - (1) Within fourteen (14) days, place a notice in the operating record indicating which constituents have shown statistically significant changes from background levels and notify the Secretary that this notice was placed in the operating record.
    - (2) Within a thirty (30) day period of said finding, the permittee shall repeat the sampling of the groundwater in the appropriate monitoring well(s) in accordance with the requirements of this permit.
    - (4) If the repeat sampling confirms that a statistically significant increase over background levels has occurred, the permittee must establish and implement a Phase II assessment monitoring program meeting the requirements of 33 CSR 1, Section 4.11.c within ninety (90) days of said confirmation.
    - (5) If the concentrations of all Phase II constituents are shown to be at or below background values, using the statistical procedures described above for two consecutive sampling events, the permittee must notify the Secretary of this finding and may return to Phase I detection monitoring.
    - (6) If the concentrations of any Phase II constituents are above background values, but all concentrations are below the groundwater protection standards found in Title 47, Series 12, Requirements Governing Groundwater Standards, using the statistical procedures described above, the permittee must continue assessment monitoring in accordance with Phase II requirements.
  - i. The permittee shall not cause a statistically significant increase over the limitations (groundwater standards) found in Section A for the monitoring wells listed in Section D.2.b. Should a limitation be exceeded, the permittee shall provide the following:
    - (1) Within ninety (90) days of a finding that any of the constituents listed in the permit have been detected at a statistically significant level exceeding the groundwater protection standards, the permittee must initiate an assessment of corrective measures in accordance with 33 CSR 1, Section 4.11.e.
    - (2) Based on the results of the corrective measures assessment conducted pursuant to 33 CSR 1, Section 4.11.e, the permittee must select a remedy that, at a minimum, meets the standards listed in 33 CSR 1, Sections 4.11.f.2 and 4.11.f.3. The permittee must notify the Secretary, within fourteen (14) days of selecting a remedy, by sending him or her a report describing the selected remedy, stating that it has been placed in the operating record, and describing how it meets the standards in 33 CSR 1, Sections 4.11.f.2 and 4.11.f.3. Further, the permittee shall specify as part of the selected remedy a schedule(s) for initiating and completing remedial activities in accordance with 33 CSR 1, Section 4.11.f.4.
    - (3) The Secretary may determine that remediation of a Phase II constituent is not necessary if the permittee can successfully demonstrate to the Secretary conditions found in 33 CSR 1, Section 4.11.f.5. However, any determination by the Secretary pursuant to 33 CSR 1, Section 4.11.f.5 cannot affect the authority of the state to require the permittee to undertake source control measures or other measures that may be necessary to eliminate or minimize further releases to the groundwater, to prevent exposure to the groundwater, or to remediate the groundwater to concentrations that are technically practicable and significantly reduce threats to human health or the environment.
    - (4) In accordance with 33 CSR 1, Section 4.11.g, the permittee shall implement the corrective action program based on the schedule required by 33 CSR 1, Sections 4.11.f.4 and 4.11.g.
2. Based on a review of the historic Groundwater Monitoring Program at the site, the following monitoring wells / parameters shall be monitored under the following Phase per 33 CSR 1, Section 4.11:



**Section D - Groundwater Monitoring**

2. a. DETECTION PROGRAM - PHASE I  
 -----

Per 33 CSR 1, Section 4.11.b.4 the permittee shall comply with Section D.1.i upon an exceedence of the respective background in each respective monitoring well. Upon moving a Phase I parameter to Phase II parameter the permittee shall submit a major permit modification to revise Section D of the permit.

The following wells shall be evaluated under a detection monitoring program via interwell statistics for all parameters in Section A of the permit:

- (1) Down Gradient Wells: MW3, MW4, MW5, MW6  
 Up Gradient Wells: MW1R

b. ASSESSMENT MONITORING PROGRAM - PHASE II  
 -----

Monitoring Well	Parameter	Background (mg/L)	MCL (mg/L)
MW3, MW4, MW5	Chloride	NE*	N/A
	Manganese	NE*	N/A
	Potassium	NE*	N/A
	Sodium	NE*	N/A
	Sulfate	NE*	N/A
	Barium	NE*	2
	Calcium	NE*	N/A
	Magnesium	NE*	N/A
	Strontium	NE*	N/A
	Iron	NE*	N/A
	Solids (Total Dissolved)	NE*	N/A
	Aluminum	NE*	N/A

\* Not Established. The permittee shall establish a background and a groundwater standard shall be developed for these parameters upon establishment of background per Section B.

The permittee may request deletion of monitoring parameters if it can be shown via contained waste or leachate analysis that the constituents are not present in or derived from the waste contained in the solid waste management unit.

The herein-described activity is to be extended, modified, added to, made, enlarged, acquired, constructed or installed, and operated, used and maintained strictly in accordance with the terms and conditions of this permit, with the plans and specifications submitted with Permit Application No. WV0116521; with the plan of maintenance and method of operation thereof submitted with such application(s); and with any applicable rules and regulations promulgated by the Environmental Quality Board and the Secretary of the Department of Environmental Protection.

Failure to comply with the terms and conditions of this permit, with the plans and specifications submitted with Permit Application No. WV0116521; and with the plan of maintenance and method of operation thereof submitted with such application(s) shall constitute grounds for the revocation or suspension of this permit and the invocation of all the enforcement procedures set forth in Chapter 22, Article 11, or 15 of the Code of West Virginia.

This permit is issued in accordance with the provisions of Chapter 22, Article 11 and 12 and/or 15 of the Code of West Virginia and is transferable under the terms of Section 11 of Article 11.

---

Katheryn Emery, P.E., Director

# Appendix A

## I. MANAGEMENT CONDITIONS:

### 1. Duty to Comply

- a) The permittee must comply with all conditions of this permit. Permit noncompliance constitutes a violation of the CWA and State Act and is grounds for enforcement action; for permit modification, revocation and reissuance, suspension or revocation; or for denial of a permit renewal application.
- b) The permittee shall comply with all effluent standards or prohibitions established under Section 307(a) of the CWA for toxic pollutants within the time provided in the regulations that establish these standards or prohibitions, even if the permit has not yet been modified to incorporate the requirement.

### 2. Duty to Reapply

If the permittee wishes to continue an activity regulated by this permit after the expiration date of this permit, the permittee must apply for a new permit at least 180 days prior to expiration of the permit.

### 3. Duty to Mitigate

The permittee shall take all reasonable steps to minimize or prevent any discharge in violation of this permit, which has a reasonable likelihood of adversely affecting human health or the environment.

### 4. Permit Actions

This permit may be modified, revoked and reissued, suspended, or revoked for cause. The filing of a request by the permittee for permit modification, revocation and reissuance, or revocation, or a notification of planned changes or anticipated noncompliance, does not stay any permit condition.

### 5. Property Rights

This permit does not convey any property rights of any sort or any exclusive privilege.

### 6. Signatory Requirements

All applications, reports, or information submitted to the Director shall be signed and certified as required in Title 47, Series 10, Section 4.6 of the West Virginia Legislative Rules.

### 7. Transfers

This permit is not transferrable to any person except after notice to the Director. The Director may require modification or revocation and reissuance of the permit to change the name of the permittee and incorporate such other requirements as may be necessary.

### 8. Duty to Provide Information

The permittee shall furnish to the Director, within a reasonable specified time, any information which the Director may request to determine whether cause exists for modifying, revoking and reissuing, suspending, or revoking this permit, or to determine compliance with this permit. The permittee shall also furnish to the Director, upon request, copies of records required to be kept by this permit.

### 9. Other Information

Where the permittee becomes aware that it failed to submit any relevant facts in a permit application, or submitted incorrect information in a permit application or in any report to the Director, it shall promptly submit such facts or information.

### 10. Inspection and Entry

The permittee shall allow the Director, or an authorized representative, upon the presentation of credentials and other documents as may be required by law, to:

- a) Enter upon the permittee's premises in which an effluent source or activity is located, or where records must be kept under the conditions of this permit;
- b) Have access to and copy at reasonable times, any records that must be kept under the conditions of this permit;
- c) Inspect at reasonable times any facilities, equipment (including monitoring and control equipment), practices, or operations regulated or required under this permit; and
- d) Sample or monitor at reasonable times, for the purposes of assuring permit compliance or as otherwise authorized by the State Act, any substances or parameters at any location.

### 11. Permit Modification

This permit may be modified, suspended, or revoked in whole or in part during its term in accordance with the provisions of Chapter 22-11-12 of the Code of West Virginia.

### 12. Water Quality

This discharge shall not cause or materially contribute to: distinctly visible floating or settable solids, suspended solids, scum, foam or oily slicks; deposits or sludge bank on the bottom; odors in the vicinity of the waters; taste or odor that would adversely affect the designated uses of the affected waters; distinctly visible color which may impair or interfere with the designated uses of the affected waters; and shall not cause a fish or mussel kill. The limitations and conditions in this permit for the discharges identified in this permit are limitations and conditions that are necessary to meet applicable West Virginia water quality standards, Requirements Governing Water Quality Standards 47 CSR 2.

### 13. Outlet Markers

A permanent marker at the establishment shall be posted in accordance with Title 47, Series 11, Section 9 of the West Virginia Legislative Rules.

### 14. Liabilities

- a) Any person who violates a permit condition implementing sections 301, 302, 306, 307, 308, 318, or 405 of the Clean Water Act is subject to a civil penalty not to exceed \$25,000 per day of such violation. Any person who willfully or negligently violates permit conditions implementing sections 301, 302, 306, 307, 308 or 405 of the Clean Water Act is subject to a fine of not less than \$2,500 nor more than \$25,000 per day of violation, or by imprisonment for not more than 1 year, or both.
- b) Any person who falsifies, tampers with, or knowingly renders inaccurate any monitoring device or method required to be maintained under this permit shall, upon conviction, be punished by a fine of not more than \$10,000 per violation, or by imprisonment for not more than 2 years, or by both.
- c) Any person who knowingly makes any false statement, representation, or certification in any record or other document submitted or required to be maintained under this permit, including monitoring reports or reports of compliance or noncompliance shall, upon conviction, be punished by a fine of not more than \$10,000 per violation, or by imprisonment for not more than 2 years, or by both.
- d) Nothing in I.14 a), b), and c) shall be construed to limit or prohibit any other authority the Director may have under the State Water Pollution Control Act, Chapter 22, Article 11.

## II. OPERATION AND MAINTENANCE:

### 1. Proper Operation and Maintenance

The permittee shall at all times properly operate and maintain all facilities and systems of treatment and control (and related appurtenances) which are installed or used by the permittee to achieve compliance with the conditions of this permit. Proper operation and maintenance also includes adequate laboratory controls, and appropriate quality assurance procedures. Unless otherwise required by Federal or State law, this provision requires the operation of back-up auxiliary facilities or similar systems which are installed by the permittee only when the operation is necessary to achieve compliance with the conditions of the permit. For domestic waste treatment facilities, waste treatment operators as classified by the WV Bureau of Public Health Laws, W. Va. Code Chapter 16-1, will be required except that in circumstances where the domestic waste treatment facility is receiving any type of industrial waste, the Director may require a more highly skilled operator.

### 2. Need to Halt or Reduce Activity Not a Defense

It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of the permit.

### 3. Bypass

- a) Definitions
  - (1) "Bypass" means the intentional diversion of waste streams from any portion of a treatment facility; and
  - (2) "Severe property damage" means substantial physical damage to property, damage to the treatment facilities which causes them to become inoperable, or substantial and permanent loss of natural resources which can reasonably be expected to occur in the absence of a bypass. Severe property damage does not mean economic loss caused by delays in production.
- b) Bypass not exceeding limitations. The permittee may allow any bypass to occur which does not cause effluent limitations to be exceeded, but only if it also is for essential maintenance to assure efficient operation. These bypasses are not subject to the provision of II.3.c) and II.3.d) of this permit.
- c)
  - (1) If the permittee knows in advance of the need for a bypass, it shall submit prior notice, if possible at least ten (10) days before the date of the bypass;
  - (2) If the permittee does not know in advance of the need for bypass, notice shall be submitted as required in IV.2.b) of this permit.
- d) Prohibition of bypass
  - (1) Bypass is permitted only under the following conditions, and the Director may take enforcement action against a permittee for a bypass, unless;
    - (A) Bypass was unavoidable to prevent loss of life, personal injury, or severe property damage;
    - (B) There were no feasible alternatives to the bypass, such as the use of auxiliary treatment facilities, retention of untreated wastes, or maintenance during normal periods of equipment downtime. This condition is not satisfied if adequate backup equipment should have been installed in the exercise of reasonable engineering judgement to prevent a bypass which occurred during normal periods of equipment downtime or preventative maintenance; and
    - (C) The permittee submitted notices as required under II.3.c) of this permit.
  - (2) The Director may approve an anticipated bypass, after considering its adverse effects, if the Director determines that it will meet the three conditions listed in II.3.d.(1) of this permit.

### 4. Upset

- a) Definition. "Upset" means an exceptional incident in which there is unintentional and temporary noncompliance with technology-based permit effluent limitations because of factors beyond the reasonable control of the permittee. An upset does not include noncompliance to the extent caused by operational error, improperly designed treatment facilities, inadequate treatment facilities, lack of preventative maintenance, or careless or improper operation.
- b) Effect of an upset. An upset constitutes an affirmative defense to an action brought for noncompliance with such technology-based permit effluent limitation if the requirements of II.4.c) are met. No determination made during administrative review of claims that noncompliance was caused by upset, and before an action for noncompliance, is final administrative action subject to judicial review.
- c) Conditions necessary for a demonstration of upset. A permittee who wishes to establish the affirmative defense of upset shall demonstrate, through properly signed, contemporaneous operating logs, or other relevant evidence that:
  - (1) An upset occurred and that the permittee can identify the cause(s) of the upset;
  - (2) The permitted facility was at the time being properly operated;
  - (3) The permittee submitted notice of the upset as required in IV.2.b) of this permit.
  - (4) The permittee complied with any remedial measures required under I.3. of this permit.
- d) Burden of proof. In any enforcement proceeding the permittee seeking to establish the occurrence of an upset has the burden of proof.

### 5. Removed Substances

Where removed substances are not otherwise covered by the terms and conditions of this permit or other existing permit by the Director, any solids, sludges, filter backwash or other pollutants (removed in the course of treatment or control of wastewaters) and which are intended for disposal within the State, shall be disposed of only in a manner and at a site subject to the approval by the Director. If such substances are intended for disposal outside the State or for reuse, i.e., as a material used for making another product, which in turn has another use, the permittee shall notify the Director in writing of the proposed disposal or use of such substances, the identity of the prospective disposer or users, and the intended place of disposal or use, as appropriate.

## III. MONITORING AND REPORTING

## 1. Representative Sampling

Samples and measurements taken for the purpose of monitoring shall be representative of the monitored activity.

## 2. Reporting

- a) Permittee shall submit, according to the enclosed format, a Discharge Monitoring Report (DMR) indicating in terms of concentration, and/or quantities, the values of the constituents listed in Part A analytically determined to be in the plant effluent(s). DMR submissions shall be made in accordance with the terms contained in Section C of this permit.
- b) Enter reported average and maximum values under "Quantity" and "Concentration" in the units specified for each parameter, as appropriate.
- c) Specify the number of analyzed samples that exceed the allowable permit conditions in the columns labeled "N.E." (i.e., number exceeding).
- d) Specify frequency of analysis for each parameter as number of analyses/specified period (e.g., 3/month is equivalent to 3 analyses performed every calendar month). If continuous, enter "Cont.". The frequency listed on format is the minimum required.

## 3. Test Procedures

Samples shall be taken, preserved and analyzed in accordance with the latest edition of 40 CFR Part 136, unless other test procedures have been specified elsewhere in this permit.

## 4. Recording of Results

For each measurement or sample taken pursuant to the permit, the permittee shall record the following information.

- a) The date, exact place, and time of sampling or measurement;
- b) The date(s) analyses were performed;
- c) The individual(s) who performed the sampling or measurement;
- d) The individual(s) who performed the analyses; if a commercial laboratory is used, the name and address of the laboratory;
- e) The analytical techniques or methods used, and
- f) The results of such analyses. Information not required by the DMR form is not to be submitted to this agency, but is to be retained as required in III.6.

## 5. Additional Monitoring by Permittee

If the permittee monitors any pollutant at any monitoring point specified in this permit more frequently than required by this permit, using approved test procedures or others as specified in this permit, the results of this monitoring shall be included in the calculation and reporting of the data submitted in the Discharge Monitoring Report Form. Such increased frequency shall also be indicated. Calculations for all limitations which require averaging of measurements shall utilize an arithmetic mean unless otherwise specified in the permit.

## 6. Records Retention

The permittee shall retain records of all monitoring information, including all calibration and maintenance records and all original chart recordings for continuous monitoring instrumentation, copies of all reports required by this permit, and records of all data used to complete the application for the permit, for a period of at least three (3) years from the date of the sample, measurement, report or application. This period may be extended by request of the Director at any time.

## 7. Definitions

- a) "Daily discharge" means the discharge of a pollutant measured during a calendar day or within any specified period that reasonably represents the calendar day for purposes of sampling. For pollutants with limitations expressed in units of mass, the daily discharge is calculated as the total mass of the pollutant discharged over the day. For pollutants with limitations expressed in other units of measurement, the daily discharge is calculated as the average measurement of the pollutant over the day.
- b) "Average monthly discharge limitation" means the highest allowable average of daily discharges over a calendar month, calculated as the sum of all daily discharges measured during a calendar month divided by the number of daily discharges measured during that month.
- c) "Maximum daily discharge limitation" means the highest allowable daily discharge.
- d) "Composite Sample" is a combination of individual samples obtained at regular intervals over a time period. Either the volume of each individual sample is proportional to discharge flow rates or the sampling interval (for constant volume samples) is proportional to the flow rates over the time period used to produce the composite. The maximum time period between individual samples shall be two hours.
- e) "Grab Sample" is an individual sample collected in less than 15 minutes.
- f) "is" = immersion stabilization - a calibrated device is immersed in the effluent stream until the reading is stabilized.
- g) The "daily average temperature" means the arithmetic average of temperature measurements made on an hourly basis, or the mean value plot of the record of a continuous automated temperature recording instrument, either during a calendar month, or during the operating month if flows are of shorter duration.
- h) The "daily maximum temperature" means the highest arithmetic average of the temperatures observed for any two (2) consecutive hours during a 24 hour day, or during the operating day if flows are of shorter duration.
- i) The "monthly average fecal coliform" bacteria is the geometric average of all samples collected during the month.
- j) "Measured Flow" means any method of liquid volume measurement, the accuracy of which has been previously demonstrated in engineering practice, or which a relationship to absolute volume has been obtained.
- k) "Estimate" means to be based on a technical evaluation of the sources contributing to the discharge including, but not limited to pump capabilities, water meters and batch discharge volumes.
- l) "Non-contact cooling water" means the water that is contained in a leak-free system, i.e., no contact with any gas, liquid, or solid other than the container for transport; the water shall have no net poundage addition of any pollutant over intake water levels, exclusive of approved anti-fouling agents.

## IV. OTHER REPORTING

### 1. Reporting Spills and Accidental Discharges

Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to Title 47, Series 11, Section 2 of the West Virginia Legislative Rules promulgated pursuant to Chapter 22, Article 11. Attached is a copy of the West Virginia Spill Alert System for use in complying with Title 47, Series 11, Section 2 of the Legislative rules as they pertain to the reporting of spills and accidental discharges.

### 2. Immediate Reporting

- a) The permittee shall report any noncompliance which may endanger health or the environment immediately after becoming aware of the circumstances by using the Agency's designated spill alert telephone number. A written submission shall be provided within five (5) days of the time the permittee becomes aware of the circumstances. The written submission shall contain a description of the noncompliance and its cause; the period of noncompliance, including exact dates and times, and if the noncompliance has not been corrected, the anticipated time it is expected to continue; and steps taken or planned to reduce, eliminate, and prevent recurrence of the noncompliance.
- b) The following shall also be reported immediately:
  - (1) Any unanticipated bypass which exceeds any effluent limitation in the permit;
  - (2) Any upset which exceeds any effluent limitation in the permit; and
  - (3) Violation of a maximum daily discharge limitation for any of the pollutants listed by the Director in the permit shall be reported immediately. This list shall include any toxic pollutant or hazardous substance, or any pollutant specifically identified as the method to control a toxic pollutant or hazardous substance.
- c) The Director may waive the written report on a case-by-case basis if the oral report has been received in accordance with the above.
- d) Compliance with the requirements of IV.2 of this section, shall not relieve a person of compliance with Title 47, Series 11, Section 2.

### 3. Reporting Requirements

- a) Planned changes. The permittee shall give notice to the Director of any planned physical alterations or additions to the permitted facility which may affect the nature or quantity of the discharge. Notice is required when:
  - (1) The alteration or addition to a permitted facility may meet one of the criteria for determining whether a facility is a new source in Section 13.7.b of Series 10, Title 47; or
  - (2) The alteration or addition could significantly change the nature or increase the quantity of pollutants discharged. This notification applies to pollutants which are subject neither to effluent limitations in the permit, nor to notification requirements under IV.2 of this section.
- b) Anticipated noncompliance. The permittee shall give advance notice to the Director of any planned changes in the permitted facility or activity which may result in noncompliance with permit requirements.
- c) In addition to the above reporting requirements, all existing manufacturing, commercial, and silvicultural discharges must notify the Director in writing as soon as they know or have reason to believe:
  - (1) That any activity has occurred or will occur which would result in the discharge, on a routine or frequent basis, or any toxic pollutant which is not limited in the permit, if that discharge will exceed the highest of the following "notification levels":
    - (A) One hundred micrograms per liter (100 ug/l);
    - (B) Two hundred micrograms per liter (200 ug/l) for acrolein and acrylonitrile; five hundred micrograms per liter (500 ug/l) for 2,4-dinitro phenol; and for 2-methyl 4,6-dinitrophenol; and one milligram per liter (1 mg/l) for antimony;
    - (C) Five (5) times the maximum concentration value reported for that pollutant in the permit application in accordance with Section 4.4.b.9 of Series 10, Title 47.
    - (D) The level established by the Director in accordance with Section 6.3.g of Series 10, Title 47;
  - (2) That any activity has occurred or will occur which would result in any discharge (on a non-routine or infrequent basis) of a toxic which is not limited in the permit, if that discharge will exceed the highest of the following "notification levels":
    - (A) Five hundred micrograms per liter (500 ug/l);
    - (B) One milligram per liter (1 mg/l) for antimony;
    - (C) Ten (10) times the maximum concentration value reported for that pollutant in the permit application in accordance with Section 4.4.b.7 of Series 10, Title 47;
    - (D) The level established by the Director in accordance with Section 6.3.g of Series 10, Title 47.
  - (3) That they have begun or expect to begin to use or manufacture as an intermediate or final product or by-product of any toxic pollutant which was not reported in the permit application under Section 4.4.b.9 of Series 10, Title 47 and which will result in the discharge on a routine or frequent basis of that toxic pollutant at levels which exceed five times the detection limit for that pollutant under approved analytical procedure.
  - (4) That they have begun or expect to begin to use or manufacture as an intermediate or final product or by-product of any toxic pollutant which was not reported in the permit application under Section 4.4.b.9 of Series 10, Title 47 and which will result in the discharge on a non-routine or infrequent basis of that toxic pollutant at levels which exceed ten times the detection limit for that pollutant under approved analytical procedure.

### 4. Other Noncompliance

The permittee shall report all instances of noncompliance not reported under the above paragraphs at the time monitoring reports are submitted. The reports shall contain the information listed in IV.2.a). Should other applicable noncompliance reporting be required, these terms and conditions will be found in Section C of this permit.

STATE OF WEST VIRGINIA  
 NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM  
 DISCHARGE MONITORING REPORT

FACILITY NAME: (Dents Run Landfill) WEST VIRGINIA WATER RESOURCES, INC. CERTIFIED LABORATORY NAME: \_\_\_\_\_  
 LOCATION OF FACILITY: MANNINGTON; Marion County CERTIFIED LABORATORY ADDRESS: \_\_\_\_\_  
 PERMIT NO.: WV0116521 001 \_\_\_\_\_  
 WASTELOAD FOR THE MONTH OF: \_\_\_\_\_ INDIVIDUAL PERFORMING ANALYSIS: \_\_\_\_\_

Parameter	Reported	Quantity			Other Units						Measurement Frequency	Sample Type	
				Units	N.E.				CEL*	Units			N.E.
50050 (ML-1) RF-B Flow,in Conduit or thru plant Year Round	Reported												
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mgd		1/quarter	measured	
00530 (ML-1) RF-B Total Suspended Solids Year Round	Reported												
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/quarter	Grab	
00400 (ML-1) RF-B pH Year Round	Reported												
	Permit Limits	N/A	N/A		Rpt Only Inst. Min.	N/A	Rpt Only Inst. Max.	N/A	S.U.		1/quarter	Grab	
50060 (ML-1) RF-B Chlorine, Total Residual Year Round	Reported												
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/quarter	Grab	
01114 (ML-1) RF-B Lead, Total Recoverable Year Round	Reported												
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/quarter	Grab	
71900 (ML-1) RF-B Mercury, Total (as Hg) Year Round	Reported												
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	ug/l		1/quarter	Grab	

\* CEL = Compliance Evaluation Level

Name of Principal Executive Officer	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 a fine and imprisonment for knowing violations.	Date Completed	<input type="text"/>
Title of Officer		Signature of Principal Executive Officer or Authorized Agent	<input type="text"/>

STATE OF WEST VIRGINIA  
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM  
DISCHARGE MONITORING REPORT

FACILITY NAME: (Dents Run Landfill) WEST VIRGINIA WATER RESOURCES, INC. CERTIFIED LABORATORY NAME: \_\_\_\_\_  
 LOCATION OF FACILITY: MANNINGTON; Marion County CERTIFIED LABORATORY ADDRESS: \_\_\_\_\_  
 PERMIT NO.: WV0116521 001 \_\_\_\_\_  
 WASTELOAD FOR THE MONTH OF: \_\_\_\_\_ INDIVIDUAL PERFORMING ANALYSIS: \_\_\_\_\_

Parameter		Quantity			Other Units			CEL*	Units	N.E.	Measurement Frequency	Sample Type
				Units	N.E.							
00900 (ML-1) RF-B Hardness, Total (as CaCO3) Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/quarter	Grab
00980 (ML-1) RF-B Iron, Total Recoverable Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/quarter	Grab
00940 (ML-1) RF-B Chloride (as Cl) Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/quarter	Grab
01105 (ML-1) RF-B Aluminum, Total (as Al) Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/quarter	Grab
01034 (ML-1) RF-B Chromium, Total (as Cr) Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/quarter	Grab
00981 (ML-1) RF-B Selenium, Total Recoverable Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/quarter	Grab

\* CEL = Compliance Evaluation Level

Name of Principal Executive Officer	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 a fine and imprisonment for knowing violations.	Date Completed	
Title of Officer		Signature of Principal Executive Officer or Authorized Agent	



STATE OF WEST VIRGINIA  
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM  
DISCHARGE MONITORING REPORT

FACILITY NAME: (Dents Run Landfill) WEST VIRGINIA WATER RESOURCES, INC. CERTIFIED LABORATORY NAME: \_\_\_\_\_  
 LOCATION OF FACILITY: MANNINGTON; Marion County CERTIFIED LABORATORY ADDRESS: \_\_\_\_\_  
 PERMIT NO.: WV0116521 001 \_\_\_\_\_  
 WASTELOAD FOR THE MONTH OF: \_\_\_\_\_ INDIVIDUAL PERFORMING ANALYSIS: \_\_\_\_\_

Parameter		Quantity			Other Units			CEL*	Units	N.E.	Measurement Frequency	Sample Type
				Units	N.E.							
00978 (ML-1) RF-B Arsenic, Total Recoverable Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/quarter	Grab
70295 (ML-1) RF-B Solids, Total Dissolved (TDS) Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/quarter	Grab
81020 (ML-1) RF-B Sulfate Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/quarter	Grab

\* CEL = Compliance Evaluation Level

Name of Principal Executive Officer	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 a fine and imprisonment for knowing violations.	Date Completed	<input type="text"/>
Title of Officer		Signature of Principal Executive Officer or Authorized Agent	<input type="text"/>

STATE OF WEST VIRGINIA  
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM  
DISCHARGE MONITORING REPORT

FACILITY NAME: (Dents Run Landfill) WEST VIRGINIA WATER RESOURCES, INC. CERTIFIED LABORATORY NAME: \_\_\_\_\_  
 LOCATION OF FACILITY: MANNINGTON; Marion County CERTIFIED LABORATORY ADDRESS: \_\_\_\_\_  
 PERMIT NO.: WV0116521 004 \_\_\_\_\_  
 WASTELOAD FOR THE MONTH OF: \_\_\_\_\_ INDIVIDUAL PERFORMING ANALYSIS: \_\_\_\_\_

Parameter		Quantity			Other Units			CEL*	Units	N.E.	Measurement Frequency	Sample Type
				Units	N.E.							
50050 (ML-1) RF-C Flow,in Conduit or thru plant Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mgd		1/6 months	Estimated
00530 (ML-1) RF-C Total Suspended Solids Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/6 months	Grab
00400 (ML-1) RF-C pH Year Round	Reported											
	Permit Limits	N/A	N/A		Rpt Only Inst. Min.	N/A	Rpt Only Inst. Max.	N/A	S.U.		1/6 months	Grab
50060 (ML-1) RF-C Chlorine, Total Residual Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/6 months	Grab
71900 (ML-1) RF-C Mercury, Total (as Hg) Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/6 months	Grab
01104 (ML-1) RF-C Aluminum, Total Recoverable Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/6 months	Grab

\* CEL = Compliance Evaluation Level

Name of Principal Executive Officer	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 a fine and imprisonment for knowing violations.	Date Completed	
Title of Officer		Signature of Principal Executive Officer or Authorized Agent	

STATE OF WEST VIRGINIA  
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM  
DISCHARGE MONITORING REPORT

FACILITY NAME: (Dents Run Landfill) WEST VIRGINIA WATER RESOURCES, INC. CERTIFIED LABORATORY NAME: \_\_\_\_\_  
 LOCATION OF FACILITY: MANNINGTON; Marion County CERTIFIED LABORATORY ADDRESS: \_\_\_\_\_  
 PERMIT NO.: WV0116521 004 \_\_\_\_\_  
 WASTELOAD FOR THE MONTH OF: \_\_\_\_\_ INDIVIDUAL PERFORMING ANALYSIS: \_\_\_\_\_

Parameter		Quantity				Other Units						Measurement Frequency	Sample Type	
				Units	N.E.				CEL*	Units	N.E.			
00980 (ML-1) RF-C Iron, Total Recoverable Year Round	Reported													
	Permit Limits	N/A	N/A			N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/6 months	Grab	
00940 (ML-1) RF-C Chloride (as Cl) Year Round	Reported													
	Permit Limits	N/A	N/A			N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/6 months	Grab	
00981 (ML-1) RF-C Selenium, Total Recoverable Year Round	Reported													
	Permit Limits	N/A	N/A			N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/6 months	Grab	

\* CEL = Compliance Evaluation Level

Name of Principal Executive Officer	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 a fine and imprisonment for knowing violations.	Date Completed	
Title of Officer		Signature of Principal Executive Officer or Authorized Agent	

STATE OF WEST VIRGINIA  
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM  
LEACHATE ANALYSIS REPORT

FACILITY NAME: (Dents Run Landfill) WEST VIRGINIA WATER RESOURCES, INC. CERTIFIED LABORATORY NAME: \_\_\_\_\_  
 LOCATION OF FACILITY: MANNINGTON; Marion County CERTIFIED LABORATORY ADDRESS: \_\_\_\_\_  
 PERMIT NO.: WV0116521 LM1 \_\_\_\_\_  
 WASTELOAD FOR THE MONTH OF: \_\_\_\_\_ INDIVIDUAL PERFORMING ANALYSIS: \_\_\_\_\_

Parameter		Quantity			Other Units			CEL*	Units	N.E.	Measurement Frequency	Sample Type
				Units	N.E.							
50050 (ML-1) RF-C Flow, in Conduit or thru plant Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mgd		1/6 months	Estimated
00400 (ML-1) RF-C pH Year Round	Reported											
	Permit Limits	N/A	N/A		Rpt Only Inst. Min.	N/A	Rpt Only Inst. Max.	N/A	S.U.		1/6 months	Grab
50060 (ML-1) RF-C Chlorine, Total Residual Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/6 months	Grab
01104 (ML-1) RF-C Aluminum, Total Recoverable Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/6 months	Grab
00980 (ML-1) RF-C Iron, Total Recoverable Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/6 months	Grab
00940 (ML-1) RF-C Chloride (as Cl) Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/6 months	Grab

\* CEL = Compliance Evaluation Level

Name of Principal Executive Officer	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 a fine and imprisonment for knowing violations.	Date Completed	<input type="text"/>
Title of Officer		Signature of Principal Executive Officer or Authorized Agent	<input type="text"/>

STATE OF WEST VIRGINIA  
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM  
LEACHATE ANALYSIS REPORT

FACILITY NAME: (Dents Run Landfill) WEST VIRGINIA WATER RESOURCES, INC. CERTIFIED LABORATORY NAME: \_\_\_\_\_  
 LOCATION OF FACILITY: MANNINGTON; Marion County CERTIFIED LABORATORY ADDRESS: \_\_\_\_\_  
 PERMIT NO.: WV0116521 LM1 \_\_\_\_\_  
 WASTELOAD FOR THE MONTH OF: \_\_\_\_\_ INDIVIDUAL PERFORMING ANALYSIS: \_\_\_\_\_

Parameter	Quantity	Units	N.E.	Other Units			CEL*	Units	N.E.	Measurement Frequency	Sample Type
01007 (ML-1) RF-C Barium, Total (as Ba) Year Round	Reported										
	Permit Limits	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/6 months	Grab
00095 (ML-1) RF-C Specific Conductance Year Round	Reported										
	Permit Limits	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	UMHO/CM		1/6 months	Grab
11123 (ML-1) RF-C Total Recov. Manganese Year Round	Reported										
	Permit Limits	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/6 months	Grab
81020 (ML-1) RF-C Sulfate Year Round	Reported										
	Permit Limits	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/6 months	Grab
00927 (ML-1) RF-C Magnesium, Tot (as Mg) Year Round	Reported										
	Permit Limits	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/6 months	Grab
00410 (ML-1) RF-C Alkalinity, Total Year Round	Reported										
	Permit Limits	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/6 months	Grab

\* CEL = Compliance Evaluation Level

Name of Principal Executive Officer	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 a fine and imprisonment for knowing violations.	Date Completed	
Title of Officer		Signature of Principal Executive Officer or Authorized Agent	

STATE OF WEST VIRGINIA  
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM  
LEACHATE ANALYSIS REPORT

FACILITY NAME: (Dents Run Landfill) WEST VIRGINIA WATER RESOURCES, INC. CERTIFIED LABORATORY NAME: \_\_\_\_\_  
 LOCATION OF FACILITY: MANNINGTON; Marion County CERTIFIED LABORATORY ADDRESS: \_\_\_\_\_  
 PERMIT NO.: WV0116521 LM1 INDIVIDUAL PERFORMING ANALYSIS: \_\_\_\_\_  
 WASTELOAD FOR THE MONTH OF: \_\_\_\_\_

Parameter		Quantity			Other Units			CEL*	Units	N.E.	Measurement Frequency	Sample Type
				Units	N.E.							
00937 (ML-1) RF-C Potassium, Total (as K) Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/6 months	Grab
00918 (ML-1) RF-C Calcium, Total Recoverable Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/6 months	Grab
00923 (ML-1) RF-C Sodium, Total Recoverable Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/6 months	Grab
01082 (ML-1) RF-C Strontium, Total (as Sr) Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/6 months	Grab

\* CEL = Compliance Evaluation Level

Name of Principal Executive Officer	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 a fine and imprisonment for knowing violations.	Date Completed	<input type="text"/>
Title of Officer		Signature of Principal Executive Officer or Authorized Agent	<input type="text"/>

STATE OF WEST VIRGINIA  
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM  
LEACHATE ANALYSIS REPORT

FACILITY NAME: (Dents Run Landfill) WEST VIRGINIA WATER RESOURCES, INC. CERTIFIED LABORATORY NAME: \_\_\_\_\_  
 LOCATION OF FACILITY: MANNINGTON; Marion County CERTIFIED LABORATORY ADDRESS: \_\_\_\_\_  
 PERMIT NO.: WV0116521 LM2  
 WASTELOAD FOR THE MONTH OF: \_\_\_\_\_ INDIVIDUAL PERFORMING ANALYSIS: \_\_\_\_\_

Parameter		Quantity			Other Units			CEL*	Units	N.E.	Measurement Frequency	Sample Type
				Units	N.E.							
50050 (ML-1) RF-C Flow, in Conduit or thru plant Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mgd		1/6 months	Estimated
00400 (ML-1) RF-C pH Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Inst. Min.	Rpt Only Inst. Max.	N/A	S.U.		1/6 months	Grab
50060 (ML-1) RF-C Chlorine, Total Residual Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/6 months	Grab
01104 (ML-1) RF-C Aluminum, Total Recoverable Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/6 months	Grab
00980 (ML-1) RF-C Iron, Total Recoverable Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/6 months	Grab
00940 (ML-1) RF-C Chloride (as Cl) Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/6 months	Grab

\* CEL = Compliance Evaluation Level

Name of Principal Executive Officer	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 a fine and imprisonment for knowing violations.	Date Completed	
Title of Officer		Signature of Principal Executive Officer or Authorized Agent	



STATE OF WEST VIRGINIA  
 NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM  
 LEACHATE ANALYSIS REPORT

FACILITY NAME: (Dents Run Landfill) WEST VIRGINIA WATER RESOURCES, INC. CERTIFIED LABORATORY NAME: \_\_\_\_\_  
 LOCATION OF FACILITY: MANNINGTON; Marion County CERTIFIED LABORATORY ADDRESS: \_\_\_\_\_  
 PERMIT NO.: WV0116521 LM2 \_\_\_\_\_  
 WASTELOAD FOR THE MONTH OF: \_\_\_\_\_ INDIVIDUAL PERFORMING ANALYSIS: \_\_\_\_\_

Parameter		Quantity			Other Units			CEL*	Units	N.E.	Measurement Frequency	Sample Type
				Units	N.E.							
01007 (ML-1) RF-C Barium, Total (as Ba) Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/6 months	Grab
00095 (ML-1) RF-C Specific Conductance Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	UMHO/CM		1/6 months	Grab
11123 (ML-1) RF-C Total Recov. Manganese Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/6 months	Grab
81020 (ML-1) RF-C Sulfate Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/6 months	Grab
00927 (ML-1) RF-C Magnesium, Tot (as Mg) Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/6 months	Grab
00410 (ML-1) RF-C Alkalinity, Total Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/6 months	Grab

\* CEL = Compliance Evaluation Level

Name of Principal Executive Officer	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 a fine and imprisonment for knowing violations.	Date Completed	<input type="text"/>
Title of Officer		Signature of Principal Executive Officer or Authorized Agent	<input type="text"/>



STATE OF WEST VIRGINIA  
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM  
LEACHATE ANALYSIS REPORT

FACILITY NAME: (Dents Run Landfill) WEST VIRGINIA WATER RESOURCES, INC. CERTIFIED LABORATORY NAME: \_\_\_\_\_  
 LOCATION OF FACILITY: MANNINGTON; Marion County CERTIFIED LABORATORY ADDRESS: \_\_\_\_\_  
 PERMIT NO.: WV0116521 LM2  
 WASTELOAD FOR THE MONTH OF: \_\_\_\_\_ INDIVIDUAL PERFORMING ANALYSIS: \_\_\_\_\_

Parameter		Quantity			Other Units			CEL*	Units	N.E.	Measurement Frequency	Sample Type
				Units	N.E.							
00937 (ML-1) RF-C Potassium, Total (as K) Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/6 months	Grab
00918 (ML-1) RF-C Calcium, Total Recoverable Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/6 months	Grab
00923 (ML-1) RF-C Sodium, Total Recoverable Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/6 months	Grab
01082 (ML-1) RF-C Strontium, Total (as Sr) Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/6 months	Grab

\* CEL = Compliance Evaluation Level

Name of Principal Executive Officer	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 a fine and imprisonment for knowing violations.	Date Completed	<input type="text"/>
Title of Officer		Signature of Principal Executive Officer or Authorized Agent	<input type="text"/>

STATE OF WEST VIRGINIA  
 NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM  
 MONITORING WELL REPORT

FACILITY NAME: (Dents Run Landfill) WEST VIRGINIA WATER RESOURCES, INC. CERTIFIED LABORATORY NAME: \_\_\_\_\_  
 LOCATION OF FACILITY: MANNINGTON; Marion County CERTIFIED LABORATORY ADDRESS: \_\_\_\_\_  
 PERMIT NO.: WV0116521 MW1R INDIVIDUAL PERFORMING ANALYSIS: \_\_\_\_\_  
 WASTELOAD FOR THE MONTH OF: \_\_\_\_\_

Parameter		Quantity			Other Units			CEL*	Units	N.E.	Measurement Frequency	Sample Type
				Units	N.E.							
00530 (ML-O) RF-B Total Suspended Solids Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/quarter	Grab
00400 (ML-O) RF-B pH Year Round	Reported											
	Permit Limits	N/A	N/A		Rpt Only Inst. Min.	N/A	Rpt Only Inst. Max.	N/A	S.U.		1/quarter	Grab
00940 (ML-O) RF-B Chloride (as Cl) Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/quarter	Grab
70295 (ML-O) RF-B Solids, Total Dissolved (TDS) Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/quarter	Grab
01106 (ML-O) RF-B Aluminum, Diss. (as Al) Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/quarter	Grab
00095 (ML-O) RF-B Specific Conductance Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	UMHO/CM		1/quarter	Grab

\* CEL = Compliance Evaluation Level

Name of Principal Executive Officer	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 a fine and imprisonment for knowing violations.	Date Completed	<input type="text"/>
Title of Officer		Signature of Principal Executive Officer or Authorized Agent	<input type="text"/>

STATE OF WEST VIRGINIA  
 NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM  
 MONITORING WELL REPORT

FACILITY NAME: (Dents Run Landfill) WEST VIRGINIA WATER RESOURCES, INC. CERTIFIED LABORATORY NAME: \_\_\_\_\_  
 LOCATION OF FACILITY: MANNINGTON; Marion County CERTIFIED LABORATORY ADDRESS: \_\_\_\_\_  
 PERMIT NO.: WV0116521 MW1R \_\_\_\_\_  
 WASTeload FOR THE MONTH OF: \_\_\_\_\_ INDIVIDUAL PERFORMING ANALYSIS: \_\_\_\_\_

Parameter	Reported	Quantity			Other Units			CEL*	Units	N.E.	Measurement Frequency	Sample Type
				Units	N.E.							
01005 (ML-O) RF-B Barium, Dissolved (as Ba) Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/quarter	Grab
00915 (ML-O) RF-B Calcium, Dissolved (as Ca) Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/quarter	Grab
01046 (ML-O) RF-B Iron, Dissolved (as Fe) Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/quarter	Grab
01056 (ML-O) RF-B Manganese, Diss. (as Mn) Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/quarter	Grab
00011 (ML-O) RF-B Temperature, F Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	DEG.F		1/quarter	Grab
81020 (ML-O) RF-B Sulfate Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/quarter	Grab

\* CEL = Compliance Evaluation Level

Name of Principal Executive Officer  	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 a fine and imprisonment for knowing violations.	Date Completed	<input type="text"/>
		Signature of Principal Executive Officer or Authorized Agent	<input type="text"/>
Title of Officer  			

STATE OF WEST VIRGINIA  
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM  
MONITORING WELL REPORT

FACILITY NAME: (Dents Run Landfill) WEST VIRGINIA WATER RESOURCES, INC. CERTIFIED LABORATORY NAME: \_\_\_\_\_  
 LOCATION OF FACILITY: MANNINGTON; Marion County CERTIFIED LABORATORY ADDRESS: \_\_\_\_\_  
 PERMIT NO.: WV0116521 MW1R \_\_\_\_\_  
 WASTELOAD FOR THE MONTH OF: \_\_\_\_\_ INDIVIDUAL PERFORMING ANALYSIS: \_\_\_\_\_

Parameter		Quantity			Other Units			CEL*	Units	N.E.	Measurement Frequency	Sample Type
				Units	N.E.							
00925 (ML-O) RF-B Magnesium, Diss. (as Mg) Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/quarter	Grab
00930 (ML-O) RF-B Sodium, Diss. (as Na) Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/quarter	Grab
00410 (ML-O) RF-B Alkalinity, Total Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/quarter	Grab
00935 (ML-O) RF-B Potassium, Diss. (as K) Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/quarter	Grab
01082 (ML-O) RF-B Strontium, Total (as Sr) Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/quarter	Grab

\* CEL = Compliance Evaluation Level

Name of Principal Executive Officer	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 a fine and imprisonment for knowing violations.	Date Completed
Title of Officer		Signature of Principal Executive Officer or Authorized Agent



STATE OF WEST VIRGINIA  
 NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM  
 MONITORING WELL REPORT

FACILITY NAME: (Dents Run Landfill) WEST VIRGINIA WATER RESOURCES, INC.  
 LOCATION OF FACILITY: MANNINGTON; Marion County  
 PERMIT NO.: WV0116521 MW3  
 WASTELOAD FOR THE MONTH OF: \_\_\_\_\_

CERTIFIED LABORATORY NAME: \_\_\_\_\_  
 CERTIFIED LABORATORY ADDRESS: \_\_\_\_\_  
 INDIVIDUAL PERFORMING ANALYSIS: \_\_\_\_\_

Parameter		Quantity			Other Units			CEL*	Units	N.E.	Measurement Frequency	Sample Type
				Units	N.E.							
00530 (ML-1) RF-B Total Suspended Solids Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/quarter	Grab
00400 (ML-1) RF-B pH Year Round	Reported											
	Permit Limits	N/A	N/A		Rpt Only Inst. Min.	N/A	Rpt Only Inst. Max.	N/A	S.U.		1/quarter	Grab
00940 (ML-1) RF-B Chloride (as Cl) Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/quarter	Grab
70295 (ML-1) RF-B Solids, Total Dissolved (TDS) Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/quarter	Grab
01106 (ML-1) RF-B Aluminum, Diss. (as Al) Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/quarter	Grab
00095 (ML-1) RF-B Specific Conductance Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	UMHO/CM		1/quarter	Grab

\* CEL = Compliance Evaluation Level

Name of Principal Executive Officer  	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 a fine and imprisonment for knowing violations.	Date Completed	<input type="text"/>
		Signature of Principal Executive Officer or Authorized Agent  	
Title of Officer  			

STATE OF WEST VIRGINIA  
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM  
MONITORING WELL REPORT

FACILITY NAME: (Dents Run Landfill) WEST VIRGINIA WATER RESOURCES, INC. CERTIFIED LABORATORY NAME: \_\_\_\_\_  
 LOCATION OF FACILITY: MANNINGTON; Marion County CERTIFIED LABORATORY ADDRESS: \_\_\_\_\_  
 PERMIT NO.: WV0116521 MW3 \_\_\_\_\_  
 WASTELOAD FOR THE MONTH OF: \_\_\_\_\_ INDIVIDUAL PERFORMING ANALYSIS: \_\_\_\_\_

Parameter	Reported	Quantity			Other Units			CEL*	Units	N.E.	Measurement Frequency	Sample Type
				Units	N.E.							
01005 (ML-1) RF-B Barium, Dissolved (as Ba) Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	2 Max. Daily	N/A	mg/l		1/quarter	Grab
00915 (ML-1) RF-B Calcium, Dissolved (as Ca) Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/quarter	Grab
01046 (ML-1) RF-B Iron, Dissolved (as Fe) Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/quarter	Grab
01056 (ML-1) RF-B Manganese, Diss. (as Mn) Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/quarter	Grab
00011 (ML-1) RF-B Temperature, F Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	DEG.F		1/quarter	Grab
81020 (ML-1) RF-B Sulfate Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/quarter	Grab

\* CEL = Compliance Evaluation Level

Name of Principal Executive Officer	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 a fine and imprisonment for knowing violations.	Date Completed	<input type="text"/>
Title of Officer		Signature of Principal Executive Officer or Authorized Agent	<input type="text"/>

STATE OF WEST VIRGINIA  
 NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM  
 MONITORING WELL REPORT

FACILITY NAME: (Dents Run Landfill) WEST VIRGINIA WATER RESOURCES, INC. CERTIFIED LABORATORY NAME: \_\_\_\_\_  
 LOCATION OF FACILITY: MANNINGTON; Marion County CERTIFIED LABORATORY ADDRESS: \_\_\_\_\_  
 PERMIT NO.: WV0116521 MW3  
 WASTELOAD FOR THE MONTH OF: \_\_\_\_\_ INDIVIDUAL PERFORMING ANALYSIS: \_\_\_\_\_

Parameter	Quantity	Units	N.E.	Other Units			CEL*	Units	N.E.	Measurement Frequency	Sample Type
00925 (ML-1) RF-B Magnesium, Diss. (as Mg) Year Round	Reported										
	Permit Limits	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/quarter	Grab
00930 (ML-1) RF-B Sodium, Diss. (as Na) Year Round	Reported										
	Permit Limits	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/quarter	Grab
00410 (ML-1) RF-B Alkalinity, Total Year Round	Reported										
	Permit Limits	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/quarter	Grab
00935 (ML-1) RF-B Potassium, Diss. (as K) Year Round	Reported										
	Permit Limits	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/quarter	Grab
01082 (ML-1) RF-B Strontium, Total (as Sr) Year Round	Reported										
	Permit Limits	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/quarter	Grab

\* CEL = Compliance Evaluation Level

Name of Principal Executive Officer	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 a fine and imprisonment for knowing violations.	Date Completed	<input type="text"/>
Title of Officer		Signature of Principal Executive Officer or Authorized Agent	<input type="text"/>

STATE OF WEST VIRGINIA  
 NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM  
 MONITORING WELL REPORT

FACILITY NAME: (Dents Run Landfill) WEST VIRGINIA WATER RESOURCES, INC. CERTIFIED LABORATORY NAME: \_\_\_\_\_  
 LOCATION OF FACILITY: MANNINGTON; Marion County CERTIFIED LABORATORY ADDRESS: \_\_\_\_\_  
 PERMIT NO.: WV0116521 MW4 \_\_\_\_\_  
 WASTELOAD FOR THE MONTH OF: \_\_\_\_\_ INDIVIDUAL PERFORMING ANALYSIS: \_\_\_\_\_

Parameter		Quantity			Other Units			CEL*	Units	N.E.	Measurement Frequency	Sample Type
				Units	N.E.							
00530 (ML-1) RF-B Total Suspended Solids Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/quarter	Grab
00400 (ML-1) RF-B pH Year Round	Reported											
	Permit Limits	N/A	N/A		Rpt Only Inst. Min.	N/A	Rpt Only Inst. Max.	N/A	S.U.		1/quarter	Grab
00940 (ML-1) RF-B Chloride (as Cl) Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/quarter	Grab
70295 (ML-1) RF-B Solids, Total Dissolved (TDS) Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/quarter	Grab
01106 (ML-1) RF-B Aluminum, Diss. (as Al) Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/quarter	Grab
00095 (ML-1) RF-B Specific Conductance Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	UMHO/CM		1/quarter	Grab

\* CEL = Compliance Evaluation Level

Name of Principal Executive Officer	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 a fine and imprisonment for knowing violations.	Date Completed	<input type="text"/>
Title of Officer		Signature of Principal Executive Officer or Authorized Agent	<input type="text"/>



STATE OF WEST VIRGINIA  
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM  
MONITORING WELL REPORT

FACILITY NAME: (Dents Run Landfill) WEST VIRGINIA WATER RESOURCES, INC. CERTIFIED LABORATORY NAME: \_\_\_\_\_  
 LOCATION OF FACILITY: MANNINGTON; Marion County CERTIFIED LABORATORY ADDRESS: \_\_\_\_\_  
 PERMIT NO.: WV0116521 MW4 \_\_\_\_\_  
 WASTELOAD FOR THE MONTH OF: \_\_\_\_\_ INDIVIDUAL PERFORMING ANALYSIS: \_\_\_\_\_

Parameter		Quantity			Other Units			CEL*	Units	N.E.	Measurement Frequency	Sample Type
				Units	N.E.							
01005 (ML-1) RF-B Barium, Dissolved (as Ba) Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	2 Max. Daily	N/A	mg/l		1/quarter	Grab
00915 (ML-1) RF-B Calcium, Dissolved (as Ca) Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/quarter	Grab
01046 (ML-1) RF-B Iron, Dissolved (as Fe) Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/quarter	Grab
01056 (ML-1) RF-B Manganese, Diss. (as Mn) Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/quarter	Grab
00011 (ML-1) RF-B Temperature, F Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	DEG.F		1/quarter	Grab
81020 (ML-1) RF-B Sulfate Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/quarter	Grab

\* CEL = Compliance Evaluation Level

Name of Principal Executive Officer	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 a fine and imprisonment for knowing violations.	Date Completed	<input type="text"/>
Title of Officer		Signature of Principal Executive Officer or Authorized Agent	<input type="text"/>

STATE OF WEST VIRGINIA  
 NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM  
 MONITORING WELL REPORT

FACILITY NAME: (Dents Run Landfill) WEST VIRGINIA WATER RESOURCES, INC. CERTIFIED LABORATORY NAME: \_\_\_\_\_  
 LOCATION OF FACILITY: MANNINGTON; Marion County CERTIFIED LABORATORY ADDRESS: \_\_\_\_\_  
 PERMIT NO.: WV0116521 MW4 \_\_\_\_\_  
 WASTELOAD FOR THE MONTH OF: \_\_\_\_\_ INDIVIDUAL PERFORMING ANALYSIS: \_\_\_\_\_

Parameter		Quantity			Other Units			CEL*	Units	N.E.	Measurement Frequency	Sample Type
				Units	N.E.							
00925 (ML-1) RF-B Magnesium, Diss. (as Mg) Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/quarter	Grab
00930 (ML-1) RF-B Sodium, Diss. (as Na) Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/quarter	Grab
00410 (ML-1) RF-B Alkalinity, Total Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/quarter	Grab
00935 (ML-1) RF-B Potassium, Diss. (as K) Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/quarter	Grab
01082 (ML-1) RF-B Strontium, Total (as Sr) Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/quarter	Grab

\* CEL = Compliance Evaluation Level

Name of Principal Executive Officer	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 a fine and imprisonment for knowing violations.	Date Completed	<input type="text"/>
Title of Officer		Signature of Principal Executive Officer or Authorized Agent	<input type="text"/>

STATE OF WEST VIRGINIA  
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM  
MONITORING WELL REPORT

FACILITY NAME: (Dents Run Landfill) WEST VIRGINIA WATER RESOURCES, INC. CERTIFIED LABORATORY NAME: \_\_\_\_\_  
 LOCATION OF FACILITY: MANNINGTON; Marion County CERTIFIED LABORATORY ADDRESS: \_\_\_\_\_  
 PERMIT NO.: WV0116521 MW5  
 WASTELOAD FOR THE MONTH OF: \_\_\_\_\_ INDIVIDUAL PERFORMING ANALYSIS: \_\_\_\_\_

Parameter	Reported	Quantity			Other Units			CEL*	Units	N.E.	Measurement Frequency	Sample Type
				Units	N.E.							
00530 (ML-1) RF-B Total Suspended Solids Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/quarter	Grab
00400 (ML-1) RF-B pH Year Round	Reported											
	Permit Limits	N/A	N/A		Rpt Only Inst. Min.	N/A	Rpt Only Inst. Max.	N/A	S.U.		1/quarter	Grab
00940 (ML-1) RF-B Chloride (as Cl) Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/quarter	Grab
70295 (ML-1) RF-B Solids, Total Dissolved (TDS) Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/quarter	Grab
01106 (ML-1) RF-B Aluminum, Diss. (as Al) Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/quarter	Grab
00095 (ML-1) RF-B Specific Conductance Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	UMHO/CM		1/quarter	Grab

\* CEL = Compliance Evaluation Level

Name of Principal Executive Officer	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 a fine and imprisonment for knowing violations.	Date Completed	
Title of Officer		Signature of Principal Executive Officer or Authorized Agent	

STATE OF WEST VIRGINIA  
 NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM  
 MONITORING WELL REPORT

FACILITY NAME: (Dents Run Landfill) WEST VIRGINIA WATER RESOURCES, INC. CERTIFIED LABORATORY NAME: \_\_\_\_\_  
 LOCATION OF FACILITY: MANNINGTON; Marion County CERTIFIED LABORATORY ADDRESS: \_\_\_\_\_  
 PERMIT NO.: WV0116521 MW5  
 WASTELOAD FOR THE MONTH OF: \_\_\_\_\_ INDIVIDUAL PERFORMING ANALYSIS: \_\_\_\_\_

Parameter		Quantity			Other Units			CEL*	Units	N.E.	Measurement Frequency	Sample Type
				Units	N.E.							
01005 (ML-1) RF-B Barium, Dissolved (as Ba) Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	2 Max. Daily	N/A	mg/l		1/quarter	Grab
00915 (ML-1) RF-B Calcium, Dissolved (as Ca) Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/quarter	Grab
01046 (ML-1) RF-B Iron, Dissolved (as Fe) Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/quarter	Grab
01056 (ML-1) RF-B Manganese, Diss. (as Mn) Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/quarter	Grab
00011 (ML-1) RF-B Temperature, F Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	DEG.F		1/quarter	Grab
81020 (ML-1) RF-B Sulfate Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/quarter	Grab

\* CEL = Compliance Evaluation Level

Name of Principal Executive Officer	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 a fine and imprisonment for knowing violations.	Date Completed	
Title of Officer		Signature of Principal Executive Officer or Authorized Agent	



STATE OF WEST VIRGINIA  
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM  
MONITORING WELL REPORT

FACILITY NAME: (Dents Run Landfill) WEST VIRGINIA WATER RESOURCES, INC. CERTIFIED LABORATORY NAME: \_\_\_\_\_  
 LOCATION OF FACILITY: MANNINGTON; Marion County CERTIFIED LABORATORY ADDRESS: \_\_\_\_\_  
 PERMIT NO.: WV0116521 MW5 \_\_\_\_\_  
 WASTeload FOR THE MONTH OF: \_\_\_\_\_ INDIVIDUAL PERFORMING ANALYSIS: \_\_\_\_\_

Parameter		Quantity			Other Units			CEL*	Units	N.E.	Measurement Frequency	Sample Type
				Units	N.E.							
00925 (ML-1) RF-B Magnesium, Diss. (as Mg) Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/quarter	Grab
00930 (ML-1) RF-B Sodium, Diss. (as Na) Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/quarter	Grab
00410 (ML-1) RF-B Alkalinity, Total Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/quarter	Grab
00935 (ML-1) RF-B Potassium, Diss. (as K) Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/quarter	Grab
01082 (ML-1) RF-B Strontium, Total (as Sr) Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/quarter	Grab

\* CEL = Compliance Evaluation Level

Name of Principal Executive Officer	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 a fine and imprisonment for knowing violations.	Date Completed	<input type="text"/>
Title of Officer		Signature of Principal Executive Officer or Authorized Agent	<input style="width: 100%;" type="text"/>

STATE OF WEST VIRGINIA  
 NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM  
 MONITORING WELL REPORT

FACILITY NAME: (Dents Run Landfill) WEST VIRGINIA WATER RESOURCES, INC. CERTIFIED LABORATORY NAME: \_\_\_\_\_  
 LOCATION OF FACILITY: MANNINGTON; Marion County CERTIFIED LABORATORY ADDRESS: \_\_\_\_\_  
 PERMIT NO.: WV0116521 MW6 INDIVIDUAL PERFORMING ANALYSIS: \_\_\_\_\_  
 WASTELOAD FOR THE MONTH OF: \_\_\_\_\_

Parameter		Quantity			Other Units			CEL*	Units	N.E.	Measurement Frequency	Sample Type
				Units	N.E.							
00530 (ML-O) RF-B Total Suspended Solids Year Round	Reported											
	Permit Limits	N/A	N/A			N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/quarter Grab
00400 (ML-O) RF-B pH Year Round	Reported											
	Permit Limits	N/A	N/A			Rpt Only Inst. Min.	N/A	Rpt Only Inst. Max.	N/A	S.U.		1/quarter Grab
00940 (ML-O) RF-B Chloride (as Cl) Year Round	Reported											
	Permit Limits	N/A	N/A			N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/quarter Grab
70295 (ML-O) RF-B Solids, Total Dissolved (TDS) Year Round	Reported											
	Permit Limits	N/A	N/A			N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/quarter Grab
01106 (ML-O) RF-B Aluminum, Diss. (as Al) Year Round	Reported											
	Permit Limits	N/A	N/A			N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/quarter Grab
00095 (ML-O) RF-B Specific Conductance Year Round	Reported											
	Permit Limits	N/A	N/A			N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	UMHO/CM		1/quarter Grab

\* CEL = Compliance Evaluation Level

Name of Principal Executive Officer	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 a fine and imprisonment for knowing violations.	Date Completed	
Title of Officer		Signature of Principal Executive Officer or Authorized Agent	

STATE OF WEST VIRGINIA  
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM  
MONITORING WELL REPORT

FACILITY NAME: (Dents Run Landfill) WEST VIRGINIA WATER RESOURCES, INC. CERTIFIED LABORATORY NAME: \_\_\_\_\_  
 LOCATION OF FACILITY: MANNINGTON; Marion County CERTIFIED LABORATORY ADDRESS: \_\_\_\_\_  
 PERMIT NO.: WV0116521 MW6 \_\_\_\_\_  
 WASTELOAD FOR THE MONTH OF: \_\_\_\_\_ INDIVIDUAL PERFORMING ANALYSIS: \_\_\_\_\_

Parameter		Quantity			Other Units			CEL*	Units	N.E.	Measurement Frequency	Sample Type
				Units	N.E.							
01005 (ML-O) RF-B Barium, Dissolved (as Ba) Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/quarter	Grab
00915 (ML-O) RF-B Calcium, Dissolved (as Ca) Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/quarter	Grab
01046 (ML-O) RF-B Iron, Dissolved (as Fe) Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/quarter	Grab
01056 (ML-O) RF-B Manganese, Diss. (as Mn) Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/quarter	Grab
00011 (ML-O) RF-B Temperature, F Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	DEG.F		1/quarter	Grab
81020 (ML-O) RF-B Sulfate Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/quarter	Grab

\* CEL = Compliance Evaluation Level

Name of Principal Executive Officer <input style="width: 90%; height: 20px;" type="text"/>	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 a fine and imprisonment for knowing violations.	Date Completed <input style="width: 80%; height: 20px;" type="text"/>
Title of Officer <input style="width: 90%; height: 20px;" type="text"/>		Signature of Principal Executive Officer or Authorized Agent <input style="width: 90%; height: 40px;" type="text"/>

STATE OF WEST VIRGINIA  
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM  
MONITORING WELL REPORT

FACILITY NAME: (Dents Run Landfill) WEST VIRGINIA WATER RESOURCES, INC. CERTIFIED LABORATORY NAME: \_\_\_\_\_  
 LOCATION OF FACILITY: MANNINGTON; Marion County CERTIFIED LABORATORY ADDRESS: \_\_\_\_\_  
 PERMIT NO.: WV0116521 MW6 \_\_\_\_\_  
 WASTELOAD FOR THE MONTH OF: \_\_\_\_\_ INDIVIDUAL PERFORMING ANALYSIS: \_\_\_\_\_

Parameter		Quantity			Other Units			CEL*	Units	N.E.	Measurement Frequency	Sample Type
				Units	N.E.							
00925 (ML-O) RF-B Magnesium, Diss. (as Mg) Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/quarter	Grab
00930 (ML-O) RF-B Sodium, Diss. (as Na) Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/quarter	Grab
00410 (ML-O) RF-B Alkalinity, Total Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/quarter	Grab
00935 (ML-O) RF-B Potassium, Diss. (as K) Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/quarter	Grab
01082 (ML-O) RF-B Strontium, Total (as Sr) Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/quarter	Grab

\* CEL = Compliance Evaluation Level

Name of Principal Executive Officer	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 a fine and imprisonment for knowing violations.	Date Completed
Title of Officer		Signature of Principal Executive Officer or Authorized Agent



**EMERGENCY RESPONSE SPILL ALERT SYSTEM  
WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION**

**REQUIREMENTS:**

Title 47, Series 11, Section 2 of the West Virginia Legislative Rules, Environmental Protection, Water Resources - Waste Management, Effective July 1, 1994.

**RESPONSIBILITY FOR REPORTING:**

Each and every person who may cause or be responsible for any spill or accidental discharge of pollutants into the waters of the State shall give immediate notification to the Division of Water and Waste Management's Emergency Notification Number, 1-800-642-3074. Such notification shall set forth insofar as possible and as soon thereafter as practical the time and place of such spill or discharge, type or types and quantity or quantities of the material or materials therein, action or actions taken to stop such spill or discharge and to minimize the polluting effect thereof, the measure or measures taken or to be taken in order to prevent a recurrence of any such spill or discharge and such additional information as may be requested by the Division of Water and Waste Management. This also applies to spills to the waters of the State resulting from accidents to common carriers by highway, rail and water.

It shall be the responsibility of each industrial establishment or other entity discharging directly to a stream to have available the following information pertaining to those substances that are employed or handled in its operation in sufficiently large amounts as to constitute a hazard in case of an accidental spill or discharge into a public stream:

- (1) Potential toxicity in water to man, animals and aquatic life;
- (2) Details on analytical procedures for the quantitative estimation of such substances in water and
- (3) Suggestions on safeguards or other precautionary measures to nullify the toxic effects of a substance once it has gotten into a stream.

Failure to furnish such information as required by Section 14, Article 11, Chapter 22, Code of West Virginia may be punishable under Section 24, Article 11, Chapter 22, and/or Section 22, Article 11, Chapter 22, Code of West Virginia.

It shall be the responsibility of any person who causes or contributes in any way to the spill or accidental discharge of any pollutant or pollutants into State waters to immediately take any and all measures necessary to contain such spill or discharge. It shall further be the responsibility of such person to take any and all measures necessary to clean-up, remove and otherwise render such spill or discharge harmless to the waters of the State.

When the Director determines it necessary for the effective containment and abatement of spills and accidental discharges, the Director may require the person or persons responsible for such spill or discharge to monitor affected waters in a manner prescribed by the Director until the possibility of any adverse effect on the waters of the State no longer exists.

**VOLUNTARY REPORTING BY LAW OFFICERS, U. S. COAST GUARD, LOCK MASTERS AND OTHERS:**

In cases involving river and highway accidents where the responsible party may or may not be available to report the incident, law officers, U. S. Coast Guard, Lock Masters and other interested person(s) should make the report.

**WHO TO CONTACT:**

Notify the following number: **1-800-642-3074**

**INFORMATION NEEDED:**

- Source of spill or discharge
- Location of incident
- Time of incident
- Material spilled or discharged
- Amount spilled or discharged
- Toxicity of material spilled or discharged
- Personnel at the scene
- Actions initiated
- Shipper/Manufacturer identification
- Railcar/Truck identification number
- Container type

## **RIGHT OF APPEAL**

**Notice is hereby given of your right to appeal the terms and conditions of this permit which you are aggrieved by to the Environmental Quality Board by filing a NOTICE OF APPEAL, on the form prescribed by such Board for this purpose, with the Board, in accordance with the provisions of Section 21, Article 11, Chapter 22 of the Code of West Virginia within thirty (30) days after the date of receipt of the above permit.**

WV/NPDES Permit No.: WV0116521

### NOTICE TO PERMITTEES

The 1999 regular session of the West Virginia legislature revised the Water Pollution Control Act, Chapter 22, Article 11, Section 10 of the Code of West Virginia relating to fees associated with permits. This section of the Code requires all holders of a State water pollution control permit or a national pollutant discharge elimination system permit to be assessed an annual permit fee, based upon rules promulgated by the Secretary of the Department of Environmental Protection. The Secretary has promulgated a final rule in accordance with the code revision to this effect and these rules were effective May 4, 2000. The rules establish an annual permit fee based upon the relative potential to degrade the waters of the State which, in most instances, relate to volume of discharge. However, for sewage facilities, the annual permit fee is based upon the number of customers served by the facility. You may contact the Secretary of State's Office, State Capitol Building, Charleston, WV 25305, to obtain a copy of the rules. The reference is Title 47, Legislative Rules, Department of Environmental Protection, Division of Water Resources, Series 26 Water Pollution Control Permit Fee Schedules.

Based upon the volume of discharge for which your facility is currently permitted, the number of customers served by your facility or for the category you fall within, pursuant to Section 7 of Title 47, Series 26, your annual permit fee is **\$5000.00**. This fee is due no later than the anniversary date of permit issuance in each year of the term of the permit or in the case of coverage under a general permit, the fee is due no later than the anniversary date of your coverage under the general permit. **You will be invoiced by this agency at the appropriate time for the fee.** Failure to submit the annual fee within ninety(90) days of the due date will render your permit void upon the date you are mailed a certified written notice to that effect.