

Annual Stormwater Report for the Y-12 National Security Complex Oak Ridge, Tennessee



Environmental Compliance Department
January 2024

**Annual Stormwater Report
for the
Y-12 National Security Complex
Oak Ridge, Tennessee**

January 2024

Prepared by
Consolidated Nuclear Security, LLC
Management & Operating Contractor
for the
Y-12 National Security Complex and Pantex Plant
under Contract No. DE-NA0001942
with the
U.S. Department of Energy
National Nuclear Security Administration

Table of Contents

Table of Contents.....	i
Executive Summary.....	ii
1.0 Introduction.....	1
2.0 Stormwater Monitoring.....	1
3.0 Stormwater Monitoring Results	1
3.1. Sample Results from Category 1 Stormwater Outfalls	1
3.2. Sample Results from Category 2 Stormwater Outfalls	2
3.3. Sample Results from Sector AA Stormwater Outfalls.....	2
3.4. Sample Results from Other Wet Weather Samples.....	2
4.0 Stormwater Pollution Prevention Plan (SWPPP).....	2
5.0 Surveillances and Assessments	3
5.1. Routine Stormwater Inspection.....	3
5.2. Semiannual Site Evaluation	3
5.3. Areas of Improvement	3
5.4. Areas of Concern	4
6.0 Conclusion	4
Appendix A: Stormwater Sampling Results.....	A-1

Executive Summary

This annual stormwater report covers calendar year 2023 and is prepared in accordance with the Y-12 National Security Complex (Y-12) National Pollutant Discharge Elimination System Permit TN0002968. This is the first full calendar year under the current permit and covers several changes to the stormwater program that Y-12 has successfully implemented.

The results from stormwater sampling are used to evaluate the efficacy of stormwater protections implemented at Y-12. A review of the 2023 stormwater analytical results shows that current stormwater protections are effective at reducing impacts to surface waters at Y-12. There are several construction and demolition activities in progress at Y-12. These include the construction of the Uranium Processing Facility (UPF), the Mercury Treatment Facility (MTF), the Lithium Processing Facility (LPF), the Security Improvement Revitalization Program (SIRP), and the West End Protection Area Reduction (WEPAR) Project. Moving forward, challenges to protect stormwater will continue from most of these projects. Therefore, oversight of construction activities will continue in 2024 and Y-12 will continue to implement appropriate Best Management Practices to protect stormwater runoff.

1.0 Introduction

The Y-12 National Security Complex (Y-12) has successfully implemented a stormwater pollution prevention program in alignment with the requirements of the Y-12 National Pollutant Discharge Elimination System (NPDES) Permit TN0002968. The Y-12 stormwater program focuses primarily on stormwater pollution prevention and continual improvement. It protects the quality of stormwater runoff through:

1. Identifying and properly managing outdoor stormwater pollutant sources
2. Implementing Best Management Practices
3. Sampling stormwater and interpreting data to evaluate efficacy of pollutant controls
4. Conducting routine stormwater inspections and surveillances

2.0 Stormwater Monitoring

For the Y-12 NPDES permit, stormwater monitoring will be performed at category outfalls and wet weather locations. These are described as follows:

1. Category 1 Stormwater Outfalls – annual monitoring of pH
 - Outfalls: 002, 003, 004, 006, 007, 008, 009, 010, 011, 017, S17, S18, 019, 020, 033, 041, 044, 045, 046, 054, 057, 058, 062, 063, 064, 086, 087, 110, 114, 125, 126, 134
2. Category 2 Stormwater Outfalls – annual monitoring of pH and total residual chlorine
 - Outfalls: 034, 042, 071, 083, 088, 099, 113
3. Sector AA Outfalls – annual monitoring of pH, nitrite plus nitrate (as N), total iron, total zinc, total aluminum, total mercury, and flow
 - Outfalls: 014, 016, 047, 048, 067, 102, 135
4. Other Wet Weather – annual monitoring as prescribed in the permit tables.
 - Outfalls: 200 and S30
 - Instream East Fork Poplar Creek Locations: C03, C11, EFP (Station 17)
 - Instream Bear Creek Locations: S06 and S24
 - Instream Monitoring Station: S19

3.0 Stormwater Monitoring Results

Y-12 has completed the stormwater sampling scheduled for sampling year 2023. All stormwater samples were collected as required in the current NPDES permit. The results with alert values and benchmark values were compared to the applicable permit table alert values and daily maximum benchmark values. The 2023 Sampling year ran from October 2022 to the end of September 2023.

3.1. Sample Results from Category 1 Stormwater Outfalls

The results for the stormwater sampling from the Category 1 Stormwater Outfalls are shown on the previously submitted Discharge Monitoring Reports (DMRs). The DMRs were submitted to the Tennessee Department of Environment and Conservation (TDEC) in October 2023. Copies of the submitted DMRs are included in Appendix A.

All Category 1 stormwater sample results were within the typical NPDES permit range for pH of 6.0 and 9.0 standard units (SUs).

3.2. Sample Results from Category 2 Stormwater Outfalls

The results for the stormwater sampling from the Category 2 Stormwater Outfalls are shown on the previously submitted DMRs. The DMRs were submitted to TDEC in October 2023. Copies of the submitted DMRs are included in Appendix A.

All Category 2 stormwater sample results were within the typical NPDES permit range for pH of 6.0 and 9.0 SUs and were less than 0.05 mg/L for Total Residual Chlorine (TRC).

3.3. Sample Results from Sector AA Stormwater Outfalls

The results for the stormwater sampling from the Sector AA Stormwater Outfalls are shown on the previously submitted DMRs. The DMRs were submitted to TDEC in October 2023. Copies of the submitted DMRs are included in Appendix A.

None of the Sector AA stormwater outfall results exceeded the applicable surface water daily maximum benchmarks as described in the permit.

3.4. Sample Results from Other Wet Weather Samples

The results for the stormwater sampling from the Other Wet Weather Sampling category are shown on the previously submitted DMRs. The DMRs were submitted to TDEC in October 2023. Copies of the submitted DMRs are included in Appendix A.

None of the Other Wet Weather category stormwater results exceeded the applicable surface water daily maximum benchmarks or alerts as described in the permit.

4.0 Stormwater Pollution Prevention Plan

Y-12 has developed and implemented a Stormwater Pollution Prevention Plan (SWPPP) addressing the requirements of Part IV of the Y-12 NPDES permit. The SWPPP was developed using the following guidance documents from the Environmental Protection Agency:

- EPA 832-R-92-006, Storm Water Management for Industrial Activities: Developing Pollution Prevention Plans and Best Management Practices
- EPA 833-R-92-002, Storm Water Management for Industrial Activities: Developing Pollution Prevention Plans and Best Management Practices: Summary Guidance

The objective of the SWPPP is to improve site water quality by reducing pollutants associated with stormwater runoff. The SWPPP:

- describes the Y-12 site-wide plan to protect surface waters from pollutants carried by stormwater runoff;
- identifies sources of pollutants that are likely to affect the quality of stormwater discharges; and

- presents best management practices for operations, projects, and other activities to implement proper stormwater pollution prevention and runoff control.

5.0 Surveillances and Assessments

Several surveillance programs are conducted at Y-12. These surveillances serve three main functions:

1. To assess the accuracy of this SWPPP and maps
2. To assess the effectiveness of measures used to reduce pollutants from entering stormwater runoff
3. To assess the need for additional controls to reduce pollutants from entering stormwater runoff

5.1. Routine Stormwater Inspection

As described in the Y-12 SWPPP, personnel with the Environmental Compliance organization conducted routine stormwater inspections in 2023. These inspections rotated through different zones at Y-12 and all zones were completed in 2023. These routine inspections focused on the following:

- Outdoor storage areas
- Signs of spills or potential spill threats
- Good housekeeping practices
- Potential stormwater pollution sources

5.2. Semiannual Site Evaluation

As described in the Y-12 SWPPP, personnel with the Environmental Compliance organization conducted two site-wide semi-annual evaluations. These evaluations included visual inspections of the following:

- Accuracy of the plan and maps
- Adequacy of measures to reduce pollutants in stormwater runoff
- Necessity for additional stormwater controls

5.3. Areas of Improvement

Continual improvement is an aspect of the Y-12 stormwater pollution prevention program. Surveillance activities identified small areas as needing improvement. Identified issues include container storage, outdoor storage, and general housekeeping. Issues are addressed with building or area owners to improve outdoor storage compliance with procedures. In addition, the following activities marked improvements to the stormwater pollution prevention program.

- The Stormwater Pollution Prevention Plan was updated. This will increase awareness and preparedness of Y-12 personnel to help prevent stormwater pollution.
- A third sanitary sewer network was rehabilitated with pipe bursting and manhole repairs. This reduces the risk of sanitary sewer overflows that could impact stormwater quality.

5.4. Areas of Concern

As a result of site surveillances and inspections, the Y-12 stormwater pollution prevention program has identified the following areas of concern:

- Construction work on the new MTF in the proximity of East Fork Poplar Creek (EFPC) will have potential for impacting surface waters as work progresses. This work is being done under a separate prime contractor at Y-12. Discharges of sediment laden water to Upper EFPC has been noted in the past.
- Impact to EFPC from stormwater run-off from the UPF site will continue to be a concern. Site excavations and heavy truck traffic and movement of materials continues. There are several sedimentation basins for this site, but during periods of heavy rainfall, these basins can become overwhelmed and water quality in EFPC can become adversely affected.
- New construction of the Lithium Processing Facility (LPF) is underway. Concern from this work includes sediment migrating in stormwater runoff, spills of hazardous substances, and the migration of fixed contaminants.

6.0 Conclusion

Ongoing site operations and new construction activities continue to pose a risk to Y-12 stormwater. Site surveillances continue to identify issues that need to be addressed before they cause a stormwater impact to surface waters. In addition, construction activities continue to pose a risk to stormwater and will continue to have the potential to adversely impact EFPC.

Overall, the housekeeping and general conditions that could impact stormwater continue to improve. Based upon the results of the stormwater sampling and site surveillances, the Y-12 stormwater pollution prevention program is effective at protecting the surface waters at Y-12 from stormwater pollution. Y-12 will continue to seek opportunities for additional improvement to stormwater protections.

Appendix A: Stormwater Sampling Results

Copies of Discharge Monitoring Reports
October 2023

Permit	Permit #:	TN0002968	Permittee:	U.S. Department of Energy (DOE) - National Nuclear Security Administration	Facility:	US DEPARTMENT OF ENERGY - OAK RIDGE Y-12 NATIONAL SECURITY COMPLEX
Major:	Yes		Permittee Address:	P.O. Box 2050 Oak Ridge, TN 37831	Facility Location:	301 BEAR CREEK ROADPO BOX 2009, MS 8239, BLDG 91 OAK RIDGE, TN 37830
Permitted Feature:	002 External Outfall		Discharge:	002-Y Annual stormwater monitoring for Outfall 002- Cat 1		
Report Dates & Status						
Monitoring Period:	From 10/01/22 to 09/30/23		DMR Due Date:	10/31/23	Status:	NetDMR Validated
Considerations for Form Completion All values require data entry, if a violation or No Data Indicator (NODI) code is reported, explain in comments. If there was no discharge, report NODI C (No Discharge). If single grab sample, report same result for min and max value.						
Principal Executive Officer						
First Name:	Title:		Telephone:			
Last Name:						
No Data Indicator (NODI)						
Form NODI:	--					
Parameter Code	Monitoring Location	Season #	Param. NODI	Quantity or Loading	Qualifier 1	Qualifier 2
				Qualifier 1 Value 1	Qualifier 2 Value 1	Qualifier 3 Value 3
				=	7.9	12 - SU
00400	pH	1 - Effluent Gross	0	--	Req Mon MINIMUM	Req Mon MAXIMUM
				Sample Permit Req.		
				Value NODI		
Submission Note If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.						
Edit Check Errors						
No errors.						
Comments						
Attachments						
No attachments.						
Report Last Saved By						
U.S. Department of Energy (DOE) - National Nuclear Security Administration						
User:	kimberly.hanzelka@cns.doe.gov					
Name:	Kimberly Hanzelka					
E-Mail:	kimberly.hanzelka@cns.doe.gov					
Date/Time:	2023-10-25 07:43 (Time Zone: -05:00)					
Report Last Signed By						
User:	kimberly.hanzelka@cns.doe.gov					
Name:	Kimberly Hanzelka					
E-Mail:	kimberly.hanzelka@cns.doe.gov					
Date/Time:	2023-10-26 13:46 (Time Zone: -05:00)					

DMR Copy of Record

Permit

Permit #:
TN0002968

Major:
Yes

Permitted Feature:
003
External Outfall

Report Dates & Status
Monitoring Period:
From 10/01/22 to 09/30/23

Considerations for Form Completion
All values require data entry. If a violation or No Data Indicator (NODI) code is reported, explain in comments. If there was no discharge, report NODI C (No Discharge). If single grab sample, report same result for min and max value.

Principal Executive Officer
First Name:
Last Name:
No Data Indicator (NODI)
Form NODI: --

Permittee:
U.S. Department of Energy (DOE) - National Nuclear Security Administration
P.O. Box 2050
Oak Ridge, TN 37831

Discharge:
003-Y
Annual stormwater monitoring for Outfall 003- Cat 1

DMR Due Date: 10/31/23

DMR Status:
NetDMR Validated

Facility:
US DEPARTMENT OF ENERGY - OAK RIDGE Y-12 NATIONAL SECURITY COMPLEX
301 BEAR CREEK ROADPO BOX 2009, MS 8239, BLDG 91
OAK RIDGE
OAK RIDGE, TN 37830

Status:
NetDMR Validated

Telephone:

Parameter	Monitoring Location	Season	Param. NODI	Quantity or Loading	Qualifier 1 Value	Qualifier 2 Value	Qualifier 1 Units	Qualifier 2 Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units	# of Ex.	Frequency of Analysis	Sample Type
					Qualifier 1 Value	Qualifier 2 Value				7.8								
					Sample Permit Req.													
					Value NODI													
00400	pH	1 - Effluent Gross	0	--														

Submission Note
If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

No errors.

Comments

Attachments
No attachments.

Report Last Saved By
U.S. Department of Energy (DOE) - National Nuclear Security Administration

User:
kimberly.hanzelka@cns.doe.gov

Name:
Kimberly Hanzelka

E-Mail:
kimberly.hanzelka@cns.doe.gov

Date/Time:
2023-10-25 07:43 (Time Zone: -05:00)

Report Last Signed By

User:
kimberly.hanzelka@cns.doe.gov

Name:
Kimberly Hanzelka

E-Mail:
kimberly.hanzelka@cns.doe.gov

Date/Time:
2023-10-26 13:46 (Time Zone: -05:00)

Permit																	
Permit #:	TN0002968	Permittee:	U.S. Department of Energy (DOE) - National Nuclear Security Administration P.O. Box 2050 Oak Ridge, TN 37831							Facility:	US DEPARTMENT OF ENERGY - OAK RIDGE Y-12 NATIONAL SECURITY COMPLEX 301 BEAR CREEK ROADPO BOX 2009, MS 8239, BLDG 91 OAK RIDGE, TN 37830						
Major:	Yes	Permittee Address:								Facility Location:							
Permitted Feature:	004 External Outfall	Discharge:	004-Y Annual stormwater monitoring for Outfall 004- Cat 1														
Report Dates & Status																	
Monitoring Period:	From 10/01/22 to 09/30/23		DMR Due Date:		10/31/23		Status: NetDMR Validated										
Considerations for Form Completion																	
All values require data entry, if a violation or No Data Indicator (NODI) code is reported, explain in comments. If there was no discharge, report NODI C (No Discharge). If single grab sample, report same result for min and max value.																	
Principal Executive Officer																	
First Name:							Title:										
Last Name:							Telephone:										
No Data Indicator (NODI)																	
Form NODI: --																	
Parameter Code	Name	Monitoring Location	Season #	Param. NODI	Qualifier-1 Value 1	Qualifier-2 Value 2	Units	Qualifier-1 Value 1	Qualifier-2 Value 2	Qualifier-3 Value 3	=	Value 1	Value 2	Value 3	# of Ex.	Frequency of Analysis	Sample Type
004000	pH	1 - Effluent Gross	0	--	Sample Permit Req.												
					Value NODI												
Submission Note														If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.			
Edit Check Errors																	
No errors.																	
Comments																	
Attachments																	
No attachments.																	
Report Last Saved By																	
U.S. Department of Energy (DOE) - National Nuclear Security Administration																	
User:							kimberly.hanzelka@cns.doe.gov										
Name:							Kimberly Hanzelka										
E-Mail:							kimberly.hanzelka@cns.doe.gov										
Date/Time:							2023-10-25 07:44 (Time Zone: -05:00)										
Report Last Signed By																	
User:							kimberly.hanzelka@cns.doe.gov										
Name:							Kimberly Hanzelka										
E-Mail:							kimberly.hanzelka@cns.doe.gov										
Date/Time:							2023-10-26 13:46 (Time Zone: -05:00)										

DMR Copy of Record

Permit

Permit #:
TN0002968

Major:
Yes

Permitted Feature:
006
External Outfall

Report Dates & Status
Monitoring Period:
From 10/01/22 to 09/30/23

Considerations for Form Completion
All values require data entry. If a violation or No Data Indicator (NODI) code is reported, explain in comments. If there was no discharge, report NODI C (No Discharge). If single grab sample, report same result for min and max value.

Principal Executive Officer
First Name:
Last Name:
No Data Indicator (NODI)
Form NODI: --

Permittee:
U.S. Department of Energy (DOE) - National Nuclear Security Administration
P.O. Box 2050
Oak Ridge, TN 37831

Discharge:
006-Y
Annual stormwater monitoring for Outfall 006- Cat 1

DMR Due Date: 10/31/23

Status: NetDMR Validated

Facility:
US DEPARTMENT OF ENERGY - OAK RIDGE Y-12 NATIONAL SECURITY COMPLEX
301 BEAR CREEK ROADPO BOX 2009, MS 8239, BLDG 91
OAK RIDGE
OAK RIDGE, TN 37830

Telephone:

Parameter	Monitoring Location	Season #	Param. NODI	Quantity or Loading	Qualifier 1 Value	Qualifier 2 Value	Qualifier 1 Units	Qualifier 2 Units	Qualifier 1	Value 1	Qualifier 2 Value	Qualifier 3	Value 3	Units	# of Ex.	Frequency of Analysis	Sample Type
					Qualifier 1 Value	Qualifier 2 Value				7.4						01/YR - Annual	GR - GRAB
										Req Mon MINIMUM						01/YR - Annual	GR - GRAB
00400	pH	1 - Effluent Gross	0	--													

Submission Note
If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

No errors.

Comments

Attachments
No attachments.

Report Last Saved By
U.S. Department of Energy (DOE) - National Nuclear Security Administration

User:
kimberly.hanzelka@cns.doe.gov

Name:
Kimberly Hanzelka

E-Mail:
kimberly.hanzelka@cns.doe.gov

Date/Time:
2023-10-25 07:46 (Time Zone: -05:00)

Report Last Signed By

User:
kimberly.hanzelka@cns.doe.gov

Name:
Kimberly Hanzelka

E-Mail:
kimberly.hanzelka@cns.doe.gov

Date/Time:
2023-10-26 13:46 (Time Zone: -05:00)

Permit																
Permit #:	TN0002968			Permittee:			U.S. Department of Energy (DOE) - National Nuclear Security Administration			Facility:			US DEPARTMENT OF ENERGY - OAK RIDGE Y-12 NATIONAL SECURITY COMPLEX			
Major:	Yes			Permittee Address:			P.O. Box 2050 Oak Ridge, TN 37831			Facility Location:			301 BEAR CREEK ROADPO BOX 2009, MS 8239, BLDG 91 OAK RIDGE, TN 37830			
Permitted Feature:	007 External Outfall			Discharge:			007-Y Annual stormwater monitoring for Outfall 007- Cat 1									
Report Dates & Status											Status:			NetDMR Validated		
Monitoring Period:	From 10/01/22 to 09/30/23			DMR Due Date:			10/31/23									
Considerations for Form Completion																
All values require data entry, if a violation or No Data Indicator (NODI) code is reported, explain in comments. If there was no discharge, report NODI C (No Discharge). If single grab sample, report same result for min and max value.																
Principal Executive Officer																
First Name:			Title:			Telephone:										
Last Name:																
No Data Indicator (NODI)																
Form NODI: --																
Parameter Code	Monitoring Location	Season	#	Param.	NODI	Quantity or Loading		Quality or Concentration		# of Ex.		Frequency of Analysis		Sample Type		
	Name					Qualifier:1	Value 1	Qualifier:2	Value 2	Units	Qualifier:3	Value 3	Units			
						Sample Permit Req.										
00400	pH	1 - Effluent	Gross	0	--											
00400 pH 1 - Effluent Gross 0 --																
Value NODI																
Sample Permit Req.																
Value NODI																
Submission Note																
If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.																
Edit Check Errors																
No errors.																
Comments																
Attachments																
No attachments.																
Report Last Saved By																
U.S. Department of Energy (DOE) - National Nuclear Security Administration																
User:	kimberly.hanzelka@cns.doe.gov															
Name:	Kimberly Hanzelka															
E-Mail:	kimberly.hanzelka@cns.doe.gov															
Date/Time:	2023-10-25 07:49 (Time Zone: -05:00)															
Report Last Signed By																
User:	kimberly.hanzelka@cns.doe.gov															
Name:	Kimberly Hanzelka															
E-Mail:	kimberly.hanzelka@cns.doe.gov															
Date/Time:	2023-10-26 13:46 (Time Zone: -05:00)															

Permit	Permit #: TN0002968		Permittee: U.S. Department of Energy (DOE) - National Nuclear Security Administration	Facility: US DEPARTMENT OF ENERGY - OAK RIDGE Y-12 NATIONAL SECURITY COMPLEX																																				
Major:	Yes		Permittee Address: P.O. Box 2050 Oak Ridge, TN 37831	Facility Location: 301 BEAR CREEK ROADPO BOX 2009, MS 8239, BLDG 91 OAK RIDGE, TN 37830																																				
Permitted Feature:	008 External Outfall		Discharge: 008-Y Annual stormwater monitoring for Outfall 008- Cat 1																																					
Report Dates & Status																																								
Monitoring Period:	From 10/01/22 to 09/30/23		DMR Due Date: 10/31/23	Status: NetDMR Validated																																				
Considerations for Form Completion																																								
All values require data entry, if a violation or No Data Indicator (NODI) code is reported, explain in comments. If there was no discharge, report NODI C (No Discharge). If single grab sample, report same result for min and max value.																																								
Principal Executive Officer																																								
First Name:	Title:		Telephone:																																					
Last Name:																																								
No Data Indicator (NODI)																																								
Form NODI:	--																																							
Parameter Code	Monitoring Location	Season	# Param	NODI																																				
00400	pH	1 - Effluent Gross	0	--																																				
<table border="1"> <thead> <tr> <th>Sample Permit Req.</th> <th>Qualifier 1 Value 1</th> <th>Qualifier 2 Value 2</th> <th>Units</th> <th>Qualifier 3 Value 3</th> <th>Value 1</th> <th>Value 2</th> <th>Value 3</th> <th>Units</th> <th># of Ex.</th> <th>Frequency of Analysis</th> <th>Sample Type</th> </tr> </thead> <tbody> <tr> <td></td> <td>=</td> <td></td> <td></td> <td></td> <td>8.0</td> <td></td> <td></td> <td>12 - SU</td> <td></td> <td>01/YR - Annual</td> <td>GR - GRAB</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td>Req Mon MINIMUM</td> <td></td> <td></td> <td>Req Mon MAXIMUM</td> <td></td> <td>01/YR - Annual</td> <td>GR - GRAB</td> </tr> </tbody> </table>					Sample Permit Req.	Qualifier 1 Value 1	Qualifier 2 Value 2	Units	Qualifier 3 Value 3	Value 1	Value 2	Value 3	Units	# of Ex.	Frequency of Analysis	Sample Type		=				8.0			12 - SU		01/YR - Annual	GR - GRAB						Req Mon MINIMUM			Req Mon MAXIMUM		01/YR - Annual	GR - GRAB
Sample Permit Req.	Qualifier 1 Value 1	Qualifier 2 Value 2	Units	Qualifier 3 Value 3	Value 1	Value 2	Value 3	Units	# of Ex.	Frequency of Analysis	Sample Type																													
	=				8.0			12 - SU		01/YR - Annual	GR - GRAB																													
					Req Mon MINIMUM			Req Mon MAXIMUM		01/YR - Annual	GR - GRAB																													
Submission Note																																								
If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.																																								
Edit Check Errors																																								
No errors.																																								
Comments																																								
Attachments																																								
No attachments.																																								
Report Last Saved By																																								
U.S. Department of Energy (DOE) - National Nuclear Security Administration																																								
User:	kimberly.hanzelka@cns.doe.gov																																							
Name:	Kimberly Hanzelka																																							
E-Mail:	kimberly.hanzelka@cns.doe.gov																																							
Date/Time:	2023-10-25 07:49 (Time Zone: -05:00)																																							
Report Last Signed By																																								
User:	kimberly.hanzelka@cns.doe.gov																																							
Name:	Kimberly Hanzelka																																							
E-Mail:	kimberly.hanzelka@cns.doe.gov																																							
Date/Time:	2023-10-26 13:46 (Time Zone: -05:00)																																							

DMR Copy of Record

Permit

Permit #:

TN0002968

Major:

Yes

Permitted Feature:

009 External Outfall

Report Dates & Status

Monitoring Period:

From 10/01/22 to 09/30/23

DMR Due Date:

10/31/23

Status:

NetDMR Validated

Considerations for Form Completion

All values require data entry. If a violation or No Data Indicator (NODI) code is reported, explain in comments. If there was no discharge, report NODI C (No Discharge). If single grab sample, report same result for min and max value.

Principal Executive Officer

First Name:

Last Name:

Title:

No Data Indicator (NODI)

Form NODI:

--

Facility:

US DEPARTMENT OF ENERGY - OAK RIDGE Y-12 NATIONAL SECURITY COMPLEX

Facility Location:

301 BEAR CREEK ROADPO BOX 2009, MS 8239, BLDG 91 OAK RIDGE, TN 37830

Permittee:

U.S. Department of Energy (DOE) - National Nuclear Security Administration

Permittee Address:

P.O. Box 2050 Oak Ridge, TN 37831

Discharge:

009-Y Annual stormwater monitoring for Outfall 009- Cat 1

Parameter

Monitoring Location

Season

Param. NODI

Quantity or Loading

Qualifier 1

Value 1

Qualifier 2

Value 2

Qualifier 3

Value 3

Units

of Ex.

Frequency of Analysis

Sample Type

Code

Name

Sample Permit Req.

Value NODI

Qualifier 1

Value 1

Qualifier 2

Value 2

Qualifier 3

Value 3

Units

of Ex.

Frequency of Analysis

Sample Type

00400

pH

1 - Effluent Gross

0

--

8.2

Req Mon MINIMUM

8.2

Req Mon MAXIMUM

12 - SU

01/YR - Annual

01/YR - Annual

GR - GRAB

GR - GRAB

Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

No errors.

Comments

Attachments

No attachments.

Report Last Saved By

U.S. Department of Energy (DOE) - National Nuclear Security Administration

User:

kimberly.hanzelka@cns.doe.gov

Name:

Kimberly Hanzelka

E-Mail:

kimberly.hanzelka@cns.doe.gov

Date/Time:

2023-10-25 07:50 (Time Zone: -05:00)

Report Last Signed By

User:

kimberly.hanzelka@cns.doe.gov

Name:

Kimberly Hanzelka

E-Mail:

kimberly.hanzelka@cns.doe.gov

Date/Time:

2023-10-26 13:46 (Time Zone: -05:00)

Permit	U.S. Department of Energy (DOE) - National Nuclear Security Administration						Facility:		US DEPARTMENT OF ENERGY - OAK RIDGE Y-12 NATIONAL SECURITY COMPLEX 301 BEAR CREEK ROADPO BOX 2009, MS 8239, BLDG 91 OAK RIDGE, TN 37830										
Permit #:	TN0002968	Permittee:		P.O. Box 2050 Oak Ridge, TN 37831		Facility Location:													
Major:	Yes	Discharge:		010-Y Annual stormwater monitoring for Outfall 010- Cat 1															
Permitted Feature:	010 External Outfall																		
Report Dates & Status										Status:		NetDMR Validated							
Monitoring Period:	From 10/01/22 to 09/30/23	DMR Due Date:		10/31/23															
Considerations for Form Completion																			
All values require data entry, if a violation or No Data Indicator (NODI) code is reported, explain in comments. If there was no discharge, report NODI C (No Discharge). If single grab sample, report same result for min and max value.																			
Principal Executive Officer										Telephone:									
First Name:										Title:									
Last Name:																			
No Data Indicator (NODI)																			
Form NODI: --																			
Parameter Code	Name	Monitoring Location	Season	#	Param	NODI	Qualifier-1 Value 1	Qualifier-2 Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units	# of Ex.	Frequency of Analysis	Sample Type
00400	pH	1 - Effluent Gross	0	--			Sample Permit Req.			=	7.1	Req Mon MINIMUM				7.1	Req Mon MAXIMUM	12 - SU	01/YR - Annual
							Value NODI											12 - SU	01/YR - Annual
Submission Note																			
If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.																			
Edit Check Errors																			
No errors.																			
Comments																			
Attachments																			
No attachments.																			
Report Last Saved By																			
U.S. Department of Energy (DOE) - National Nuclear Security Administration																			
User:	kimberly.hanzelka@cns.doe.gov																		
Name:	Kimberly Hanzelka																		
E-Mail:	kimberly.hanzelka@cns.doe.gov																		
Date/Time:	2023-10-25 07:50 (Time Zone: -05:00)																		
Report Last Signed By																			
User:	kimberly.hanzelka@cns.doe.gov																		
Name:	Kimberly Hanzelka																		
E-Mail:	kimberly.hanzelka@cns.doe.gov																		
Date/Time:	2023-10-26 13:46 (Time Zone: -05:00)																		

DMR Copy of Record

Permit

Permit #:

TN0002968

Major:

Yes

Permitted Feature:

011
External Outfall

Report Dates & Status

Monitoring Period:

From 10/01/22 to 09/30/23

Considerations for Form Completion

All values require data entry. If a violation or No Data Indicator (NODI) code is reported, explain in comments. If there was no discharge, report NODI C (No Discharge). If single grab sample, report same result for min and max value.

Principal Executive Officer

First Name:

Last Name:

No Data Indicator (NODI)

Form NODI:

--

Permittee:

U.S. Department of Energy (DOE) - National Nuclear Security Administration

Permittee Address:

P.O. Box 2050
Oak Ridge, TN 37831

Discharge:

011-Y
Annual stormwater monitoring for Outfall 011- Cat 1

Facility:

US DEPARTMENT OF ENERGY - OAK RIDGE Y-12 NATIONAL SECURITY COMPLEX

Facility Location:

301 BEAR CREEK ROADPO BOX 2009, MS 8239, BLDG 91
OAK RIDGE
OAK RIDGE, TN 37830

Status:

NetDMR Validated

Telephone:

Parameter

Monitoring Location

Season

Param. NODI

Quantity or Loading

Qualifier 1 Value 1

Qualifier 2 Value 2

Units

Qualifier 1

Value 1

Qualifier 2 Value 2

Qualifier 3

Value 3

Units

of Ex.

Frequency of Analysis

Sample Type

Code

Name

00400

pH

1 - Effluent Gross

0

--

--

Sample Permit Req.

Value NODI

Req Mon MINIMUM

C - No Discharge

Req Mon MAXIMUM

12 - SU

C - No Discharge

01/YR - Annual

GR - GRAB

Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

No errors.

Comments

Attachments

No attachments.

Report Last Saved By

U.S. Department of Energy (DOE) - National Nuclear Security Administration

User:

kimberly.hanzelka@cns.doe.gov

Name:

Kimberly Hanzelka

E-Mail:

kimberly.hanzelka@cns.doe.gov

Date/Time:

2023-10-25 07:51 (Time Zone: -05:00)

Report Last Signed By

User:

kimberly.hanzelka@cns.doe.gov

Name:

Kimberly Hanzelka

E-Mail:

kimberly.hanzelka@cns.doe.gov

Date/Time:

2023-10-26 13:46 (Time Zone: -05:00)

DMR Copy of Record

Permit

Permit #:

TN0002968

Major:

Yes

Permitted Feature:

017 External Outfall

Report Dates & Status

Monitoring Period:

From 10/01/22 to 09/30/23

Considerations for Form Completion

All values require data entry. If a violation or No Data Indicator (NODI) code is reported, explain in comments. If no discharge, report NODI C. If single grab sample, report result for min and max value.

Principal Executive Officer

First Name:

Last Name:

Title:

No Data Indicator (NODI)

Form NODI:

--

Parameter

Monitoring Location

Season #

Param. NODI

Quantity or Loading

Qualifier 1

Value 1

Qualifier 2

Value 2

Qualifier 3

Value 3

Units

of Ex.

Frequency of Analysis

Sample Type

00400

pH

1 - Effluent Gross

0

--

Sample Permit Req.

Value NODI

--

7.1

Req Mon MINIMUM

--

7.1

Req Mon MAXIMUM

12 - SU

01YR - Annual

01YR - Annual

GR - GRAB

GR - GRAB

Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

No errors.

Comments

Attachments

No attachments.

Report Last Saved By

U.S. Department of Energy (DOE) - National Nuclear Security Administration

User:

Name:

E-Mail:

Date/Time:

Report Last Signed By

kimberly.hanzelka@cns.doe.gov

User:

Name:

E-Mail:

Date/Time:

DMR Copy of Record

Permit

Permit #: TN0002968

Major: Yes

Permitted Feature: 019 External Outfall

Report Dates & Status

Monitoring Period: From 10/01/22 to 09/30/23

Considerations for Form Completion

All values require data entry. If a violation or No Data Indicator (NODI) code is reported, explain in comments. If no discharge, report NODI C. If single grab sample, report result for min and max value.

Principal Executive Officer

First Name: Last Name: Title: Telephone:

No Data Indicator (NODI)

Form NODI: --

Parameter	Monitoring Location	Season #	Param. NODI	Quantity or Loading		Quality or Concentration		# of Ex. Frequency of Analysis		Sample Type
Code	Name			Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units
00400	pH	1 - Effluent Gross	0	--						
				Sample Permit Req.	7.4					12 - SU
				Value NODI	Req Mon MINIMUM					01YR - Annual
										01YR - Annual
										GR - GRAB
										GR - GRAB

Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

No errors.

Comments

Attachments

No attachments.

Report Last Saved By

U.S. Department of Energy (DOE) - National Nuclear Security Administration

User: kimberly.hanzelka@cms.doe.gov

Name: Kimberly Hanzelka

E-Mail: kimberly.hanzelka@cms.doe.gov

Date/Time: 2023-10-25 07:59 (Time Zone: -05:00)

Report Last Signed By

User: kimberly.hanzelka@cms.doe.gov

Name: Kimberly Hanzelka

E-Mail: kimberly.hanzelka@cms.doe.gov

Date/Time: 2023-10-26 13:46 (Time Zone: -05:00)

Permittee: U.S. Department of Energy (DOE) - National Nuclear Security Administration

Permittee Address: P.O. Box 2050 Oak Ridge, TN 37831

Discharge: 019-Y Annual stormwater monitoring for Outfall 019- Cat 1

Facility: US DEPARTMENT OF ENERGY - OAK RIDGE Y-12 NATIONAL SECURITY COMPLEX

Facility Location: 301 BEAR CREEK ROADPO BOX 2009, MS 8239, BLDG 91 OAK RIDGE, TN 37830

Status: NetDMR Validated

Permit							
Permit #:	TN0002968	Permittee:	U.S. Department of Energy (DOE) - National Nuclear Security Administration		Facility:	US DEPARTMENT OF ENERGY - OAK RIDGE Y-12 NATIONAL SECURITY COMPLEX	
Major:	Yes	Permittee Address:	P.O. Box 2050 Oak Ridge, TN 37831		Facility Location:	301 BEAR CREEK ROADPO BOX 2009, MS 8239, BLDG 91 OAK RIDGE, TN 37830	
Permitted Feature:	020 External Outfall	Discharge:	020-Y Annual stormwater monitoring for Outfall 020- Cat 1				
Report Dates & Status							
Monitoring Period:	From 10/01/22 to 09/30/23		DMR Due Date: 10/31/23		Status:	NetDMR Validated	
Considerations for Form Completion							
All values require data entry. If a violation or No Data Indicator (NODI) code is reported, explain in comments. If no discharge, report NODI C. If single grab sample, report result for min and max value. If value is below detection limit, report NODI B and include detection limit in comments.							
Principal Executive Officer							
First Name:		Title:		Telephone:			
Last Name:							
No Data Indicator (NODI)							
Form NODI:		--					
Parameter Code	Name	Monitoring Location	Season	# Param.	NODI		
00400	pH	1 - Effluent Gross	0	--			
					Sample Permit Req.		
						Value NODI	
Submission Note							
If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.							
Edit Check Errors							
No errors.							
Comments							
Attachments							
No attachments.							
Report Last Saved By							
U.S. Department of Energy (DOE) - National Nuclear Security Administration							
User:	kimberly.hanzelka@cms.doe.gov						
Name:	Kimberly Hanzelka						
E-Mail:	kimberly.hanzelka@cms.doe.gov						
Date/Time:	2023-10-25 08:00 (Time Zone: -05:00)						
Report Last Signed By							
User:	kimberly.hanzelka@cms.doe.gov						
Name:	Kimberly Hanzelka						
E-Mail:	kimberly.hanzelka@cms.doe.gov						
Date/Time:	2023-10-26 13:46 (Time Zone: -05:00)						

DMR Copy of Record

Permit

Permit #:
TN0002968

Major:
Yes

Permitted Feature:
033 External Outfall

Report Dates & Status
Monitoring Period:
From 10/01/22 to 09/30/23

Considerations for Form Completion
All values require data entry. If a violation or No Data Indicator (NODI) code is reported, explain in comments. If no discharge, report NODI C. If single grab sample, report result for min and max value. If value is below detection limit, report NODI B and include detection limit in comments.

Principal Executive Officer

First Name:
Last Name:
No Data Indicator (NODI)
Form NODI: --

Permittee:
U.S. Department of Energy (DOE) - National Nuclear Security Administration
P.O. Box 2050
Oak Ridge, TN 37831

Discharge:
033-Y
Annual stormwater monitoring for Outfall 033- Cat 1

DMR Due Date: 10/31/23

DMR Status:
NetDMR Validated

Facility:
US DEPARTMENT OF ENERGY - OAK RIDGE Y-12 NATIONAL SECURITY COMPLEX
301 BEAR CREEK ROADPO BOX 2009, MS 8239, BLDG 91
OAK RIDGE
OAK RIDGE, TN 37830

Telephone:

Parameter	Monitoring Location	Season	Param. NODI	Quantity or Loading	Qualifier 1 Value	Qualifier 2 Value	Qualifier 1 Units	Qualifier 2 Units	Qualifier 1	Value 1	Qualifier 2 Value	Qualifier 3	Value 3	Units	# of Ex.	Frequency of Analysis	Sample Type
00400	pH	1 - Effluent Gross	0	--						7.8	Req Mon MINIMUM					01/YR - Annual	GR - GRAB
																01/YR - Annual	GR - GRAB

Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

No errors.

Comments

Attachments

No attachments.

Report Last Saved By

U.S. Department of Energy (DOE) - National Nuclear Security Administration

User:
kimberly.hanzelka@cns.doe.gov

Name:
Kimberly Hanzelka

E-Mail:
kimberly.hanzelka@cns.doe.gov

Date/Time:
2023-10-25 08:50 (Time Zone: -05:00)

Report Last Signed By

User:
kimberly.hanzelka@cns.doe.gov

Name:
Kimberly Hanzelka

E-Mail:
kimberly.hanzelka@cns.doe.gov

Date/Time:
2023-10-26 13:46 (Time Zone: -05:00)

DMR Copy of Record

Permit

Permit #: TN0002968

Major: Yes

Permitted Feature: 041 External Outfall

Report Dates & Status

Monitoring Period: From 10/01/22 to 09/30/23

Considerations for Form Completion

All values require data entry. If a violation or No Data Indicator (NODI) code is reported, explain in comments. If there was no discharge, report NODI C (No Discharge). If single grab sample, report same result for min and max value.

Principal Executive Officer

First Name:

Last Name:

No Data Indicator (NODI)

Form NODI: --

Permittee: U.S. Department of Energy (DOE) - National Nuclear Security Administration

Permittee Address: P.O. Box 2050
Oak Ridge, TN 37831

Discharge: 041-Y
Annual stormwater monitoring for Outfall 041- Cat 1

DMR Due Date: 10/31/23

Status: NetDMR Validated

Facility: US DEPARTMENT OF ENERGY - OAK RIDGE Y-12 NATIONAL SECURITY COMPLEX

Facility Location: 301 BEAR CREEK ROADPO BOX 2009, MS 8239, BLDG 91
OAK RIDGE
OAK RIDGE, TN 37830

Parameter	Monitoring Location	Season #	Param. NODI	Quantity or Loading	Qualifier 1 Value	Qualifier 2 Value	Qualifier 1 Units	Qualifier 2 Value	Qualifier 3	Value 1	Value 2	Value 3	Units	# of Ex.	Frequency of Analysis	Sample Type
Code	Name				Qualifier 1 Value	Qualifier 2 Value	Qualifier 1 Units	Qualifier 2 Value	Qualifier 3	Value 1	Value 2	Value 3	Units			
00400	pH	1 - Effluent Gross	0	--						8.1 Req Mon MINIMUM		8.1 Req Mon MAXIMUM	12 - SU		01/YR - Annual	GR - GRAB
					Sample Permit Req.										01/YR - Annual	GR - GRAB
					Value NODI											

Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

No errors.

Comments

Attachments

No attachments.

Report Last Saved By

U.S. Department of Energy (DOE) - National Nuclear Security Administration

User: kimberly.hanzelka@cns.doe.gov

Name: Kimberly Hanzelka

E-Mail: kimberly.hanzelka@cns.doe.gov

Date/Time: 2023-10-25 09:01 (Time Zone: -05:00)

Report Last Signed By

User: kimberly.hanzelka@cns.doe.gov

Name: Kimberly Hanzelka

E-Mail: kimberly.hanzelka@cns.doe.gov

Date/Time: 2023-10-26 13:46 (Time Zone: -05:00)

DMR Copy of Record

Permit

Permit #:
TN0002968

Major:
Yes

Permitted Feature:
044
External Outfall

Report Dates & Status
Monitoring Period:
From 10/01/22 to 09/30/23

Considerations for Form Completion
All values require data entry. If a violation or No Data Indicator (NODI) code is reported, explain in comments. If there was no discharge, report NODI C (No Discharge). If single grab sample, report same result for min and max value.

Principal Executive Officer
First Name:
Last Name:
No Data Indicator (NODI)
Form NODI: --

Permittee:
U.S. Department of Energy (DOE) - National Nuclear Security Administration
P.O. Box 2050
Oak Ridge, TN 37831

Discharge:
044-Y
Annual stormwater monitoring for Outfall 044- Cat 1

DMR Due Date: 10/31/23

DMR Status:
NetDMR Validated

Facility:
US DEPARTMENT OF ENERGY - OAK RIDGE Y-12 NATIONAL SECURITY COMPLEX
301 BEAR CREEK ROADPO BOX 2009, MS 8239, BLDG 91
OAK RIDGE
OAK RIDGE, TN 37830

Status:
NetDMR Validated

Telephone:

Parameter	Monitoring Location	Season	Param. NODI	Quantity or Loading	Qualifier 1 Value	Qualifier 2 Value	Qualifier 1 Units	Qualifier 2 Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units	# of Ex.	Frequency of Analysis	Sample Type
00400	pH	1 - Effluent Gross	0	--						7.7	Req Mon MINIMUM			7.7	Req Mon MAXIMUM	12 - SU	01/YR - Annual	GR - GRAB
																	01/YR - Annual	GR - GRAB

Submission Note
If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

No errors.

Comments

Attachments
No attachments.

Report Last Saved By
U.S. Department of Energy (DOE) - National Nuclear Security Administration

User:
kimberly.hanzelka@cns.doe.gov

Name:
Kimberly Hanzelka

E-Mail:
kimberly.hanzelka@cns.doe.gov

Date/Time:
2023-10-25 09:05 (Time Zone: -05:00)

Report Last Signed By

User:
kimberly.hanzelka@cns.doe.gov

Name:
Kimberly Hanzelka

E-Mail:
kimberly.hanzelka@cns.doe.gov

Date/Time:
2023-10-26 13:46 (Time Zone: -05:00)

DMR Copy of Record

Permit

Permit #:
TN0002968

Major:
Yes

Permitted Feature:
045
External Outfall

Report Dates & Status
Monitoring Period:
From 10/01/22 to 09/30/23

Considerations for Form Completion
All values require data entry. If a violation or No Data Indicator (NODI) code is reported, explain in comments. If there was no discharge, report NODI C (No Discharge). If single grab sample, report same result for min and max value.

Principal Executive Officer
First Name:
Last Name:
No Data Indicator (NODI)
Form NODI: --

Permittee:
U.S. Department of Energy (DOE) - National Nuclear Security Administration
P.O. Box 2050
Oak Ridge, TN 37831

Discharge:
045-Y
Annual stormwater monitoring for Outfall 045- Cat 1

DMR Due Date: 10/31/23

Status: NetDMR Validated

Facility:
US DEPARTMENT OF ENERGY - OAK RIDGE Y-12 NATIONAL SECURITY COMPLEX
301 BEAR CREEK ROADPO BOX 2009, MS 8239, BLDG 91
OAK RIDGE
OAK RIDGE, TN 37830

Telephone:

Parameter	Monitoring Location	Season	Param. NODI	Quantity or Loading	Qualifier 1 Value	Qualifier 2 Value	Units	Qualifier 1	Value 1	Qualifier 2 Value	Qualifier 3	Value 3	Units	# of Ex.	Frequency of Analysis	Sample Type
00400	pH	1 - Effluent Gross	0	--				Sample Permit Req.	8.0	Req Mon MINIMUM						
								Value NODI								

Submission Note
If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

No errors.

Comments

Attachments
No attachments.

Report Last Saved By
U.S. Department of Energy (DOE) - National Nuclear Security Administration

User:
kimberly.hanzelka@cns.doe.gov

Name:
Kimberly Hanzelka

E-Mail:
kimberly.hanzelka@cns.doe.gov

Date/Time:
2023-10-25 09:05 (Time Zone: -05:00)

Report Last Signed By

User:
kimberly.hanzelka@cns.doe.gov

Name:
Kimberly Hanzelka

E-Mail:
kimberly.hanzelka@cns.doe.gov

Date/Time:
2023-10-26 13:46 (Time Zone: -05:00)

DMR Copy of Record

Permit

Permit #:

TN0002968

Major:

Yes

Permitted Feature:

046 External Outfall

Report Dates & Status

Monitoring Period:

From 10/01/22 to 09/30/23

DMR Due Date:

10/31/23

Status:

NetDMR Validated

Permittee:

U.S. Department of Energy (DOE) - National Nuclear Security Administration

Permittee Address:

P.O. Box 2050
Oak Ridge, TN 37831

Discharge:

046-Y
Annual stormwater monitoring for Outfall 046- Cat 1

Facility:

US DEPARTMENT OF ENERGY - OAK RIDGE Y-12 NATIONAL SECURITY COMPLEX
301 BEAR CREEK ROADPO BOX 2009, MS 8239, BLDG 91
OAK RIDGE
OAK RIDGE, TN 37830

Considerations for Form Completion

All values require data entry. If a violation or No Data Indicator (NODI) code is reported, explain in comments. If there was no discharge, report NODI C (No Discharge). If single grab sample, report same result for min and max value.

Principal Executive Officer

First Name:

Last Name:

Title:

Telephone:

No Data Indicator (NODI)

Form NODI: --

Parameter	Monitoring Location	Season	Param. NODI	Quantity or Loading	Qualifier 1 Value	Qualifier 2 Value	Units	Qualifier 1	Value 1	Qualifier 2 Value	Qualifier 3	Value 3	Units	# of Ex.	Frequency of Analysis	Sample Type
					Qualifier 1 Value	Qualifier 2 Value										
					Sample Permit Req.				8.0 Req Mon MINIMUM			8.0 Req Mon MAXIMUM	12 - SU		01/YR - Annual	GR - GRAB
00400	pH	1 - Effluent Gross	0	--											01/YR - Annual	GR - GRAB
					Value NODI											

Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

No errors.

Comments

Attachments

No attachments.

Report Last Saved By

U.S. Department of Energy (DOE) - National Nuclear Security Administration

User:

kimberly.hanzelka@cns.doe.gov

Name:

Kimberly Hanzelka

E-Mail:

kimberly.hanzelka@cns.doe.gov

Date/Time:

2023-10-25 09:06 (Time Zone: -05:00)

Report Last Signed By

User:

kimberly.hanzelka@cns.doe.gov

Name:

Kimberly Hanzelka

E-Mail:

kimberly.hanzelka@cns.doe.gov

Date/Time:

2023-10-26 13:46 (Time Zone: -05:00)

Permit	US DEPARTMENT OF ENERGY - OAK RIDGE Y-12 NATIONAL SECURITY COMPLEX										US DEPARTMENT OF ENERGY - OAK RIDGE Y-12 NATIONAL SECURITY COMPLEX										
Permit #:	TN0002968										301 BEAR CREEK ROADPO BOX 2009, MS 8239, BLDG 91										
Major:	Yes										OAK RIDGE										
Permitted Feature:	054 External Outfall										OAK RIDGE, TN 37830										
Discharge:	054 Y Annual stormwater monitoring for Outfall 054- Cat 1																				
Report Dates & Status											NetDMR Validated										
Monitoring Period:	From 10/01/22 to 09/30/23										DMR Due Date: 10/31/23										
Considerations for Form Completion																					
All values require data entry, if a violation or No Data Indicator (NODI) code is reported, explain in comments. If there was no discharge, report NODI C (No Discharge). If single grab sample, report same result for min and max value.																					
Principal Executive Officer																					
First Name:											Telephone:										
Last Name:																					
No Data Indicator (NODI)																					
Form NODI: --																					
Parameter Code	Monitoring Location	Season	#	Param	NODI	Qualifier 1 Value 1	Qualifier 2 Value 2	Units	Qualifier 1 Value 1	Qualifier 2 Value 2	Qualifier 3 Value 3	Value 3	Units	# of Ex.	Frequency of Analysis	Sample Type					
00400	pH	1 - Effluent	Gross	0	--	Sample Permit Req.															
						Value NODI															
Submission Note																					
If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.																					
Edit Check Errors																					
No errors.																					
Comments																					
Attachments																					
No attachments.																					
Report Last Saved By																					
U.S. Department of Energy (DOE) - National Nuclear Security Administration																					
User:	kimberly.hanzelka@cns.doe.gov										kimberly.hanzelka@cns.doe.gov										
Name:	Kimberly Hanzelka										Kimberly Hanzelka										
E-Mail:	kimberly.hanzelka@cns.doe.gov										kimberly.hanzelka@cns.doe.gov										
Date/Time:	2023-10-25 09:17 (Time Zone: -05:00)										2023-10-25 09:17 (Time Zone: -05:00)										
Report Last Signed By																					
User:	kimberly.hanzelka@cns.doe.gov										kimberly.hanzelka@cns.doe.gov										
Name:	Kimberly Hanzelka										Kimberly Hanzelka										
E-Mail:	kimberly.hanzelka@cns.doe.gov										kimberly.hanzelka@cns.doe.gov										
Date/Time:	2023-10-26 13:46 (Time Zone: -05:00)										2023-10-26 13:46 (Time Zone: -05:00)										

DMR Copy of Record

Permit

Permit #:

TN0002968

Major:

Yes

Permitted Feature:

057 External Outfall

Report Dates & Status

Monitoring Period:

From 10/01/22 to 09/30/23

DMR Due Date:

10/31/23

Status:

NetDMR Validated

Permittee:

U.S. Department of Energy (DOE) - National Nuclear Security Administration

Permittee Address:

P.O. Box 2050
Oak Ridge, TN 37831

Discharge:

057-Y
Annual stormwater monitoring for Outfall 057- Cat 1

Facility:

US DEPARTMENT OF ENERGY - OAK RIDGE Y-12 NATIONAL SECURITY COMPLEX
301 BEAR CREEK ROADPO BOX 2009, MS 8239, BLDG 91
OAK RIDGE
OAK RIDGE, TN 37830

Considerations for Form Completion

All values require data entry. If a violation or No Data Indicator (NODI) code is reported, explain in comments. If there was no discharge, report NODI C (No Discharge). If single grab sample, report same result for min and max value.

Principal Executive Officer

First Name:

Last Name:

Title:

Telephone:

No Data Indicator (NODI)

Form NODI:

--

Parameter	Monitoring Location	Season	Param. NODI	Quantity or Loading	Qualifier 1 Value	Qualifier 2 Value	Units	Qualifier 1	Value 1	Qualifier 2 Value	Qualifier 3	Value 3	Units	# of Ex.	Frequency of Analysis	Sample Type
					Qualifier 1 Value	Qualifier 2 Value										
									8.1			8.1	12 - SU		01/YR - Annual	GR - GRAB
									Req Mon MINIMUM			Req Mon MAXIMUM	12 - SU		01/YR - Annual	GR - GRAB
00400	pH	1 - Effluent Gross	0	--												

Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

No errors.

Comments

Attachments

No attachments.

Report Last Saved By

U.S. Department of Energy (DOE) - National Nuclear Security Administration

User: kimberly.hanzelka@cns.doe.gov

Name: Kimberly Hanzelka

E-Mail: kimberly.hanzelka@cns.doe.gov

Date/Time: 2023-10-25 09:18 (Time Zone: -05:00)

Report Last Signed By

User: kimberly.hanzelka@cns.doe.gov

Name: Kimberly Hanzelka

E-Mail: kimberly.hanzelka@cns.doe.gov

Date/Time: 2023-10-26 13:46 (Time Zone: -05:00)

DMR Copy of Record

Permit

Permit #:

TN0002968

Major:

Yes

Permitted Feature:

058
External Outfall

Report Dates & Status

Monitoring Period:

From 10/01/22 to 09/30/23

Considerations for Form Completion

All values require data entry. If a violation or No Data Indicator (NODI) code is reported, explain in comments. If there was no discharge, report NODI C (No Discharge). If single grab sample, report same result for min and max value.

Principal Executive Officer

First Name:

Last Name:

No Data Indicator (NODI)

Form NODI: --

Permittee:

U.S. Department of Energy (DOE) - National Nuclear Security Administration
P.O. Box 2050
Oak Ridge, TN 37831

Discharge:

058-Y
Annual stormwater monitoring for Outfall 058- Cat 1

Facility:

US DEPARTMENT OF ENERGY - OAK RIDGE Y-12 NATIONAL SECURITY COMPLEX
301 BEAR CREEK ROADPO BOX 2009, MS 8239, BLDG 91
OAK RIDGE
OAK RIDGE, TN 37830

DMR Due Date:

10/31/23

Status:

NetDMR Validated

Quantity or Loading

Qualifier 1 Value 1

Qualifier 2 Value 2

Units

Qualifier 1

Qualifier 2

Value 1

Value 2

Qualifier 3

Value 3

Units

of Ex.

Frequency of Analysis

Sample Type

Code

Name

Parameter

Monitoring Location

Season

#

Param. NODI

Sample Permit Req.

Value NODI

00400

pH

1 - Effluent Gross

0

--

--

--

--

7.8

Req Mon MINIMUM

7.8

Req Mon MAXIMUM

12 - SU

12 - SU

01/YR - Annual

01/YR - Annual

GR - GRAB

GR - GRAB

Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

No errors.

Comments

Attachments

No attachments.

Report Last Saved By

U.S. Department of Energy (DOE) - National Nuclear Security Administration

User:

kimberly.hanzelka@cns.doe.gov

Name:

Kimberly Hanzelka

E-Mail:

kimberly.hanzelka@cns.doe.gov

Date/Time:

2023-10-25 09:18 (Time Zone: -05:00)

Report Last Signed By

kimberly.hanzelka@cns.doe.gov

User:

Kimberly Hanzelka

Name:

kimberly.hanzelka@cns.doe.gov

E-Mail:

2023-10-26 13:46 (Time Zone: -05:00)

Date/Time:

Permit																										
Permit #:	TN0002968			Permittee:			U.S. Department of Energy (DOE) - National Nuclear Security Administration			Facility:			US DEPARTMENT OF ENERGY - OAK RIDGE Y-12 NATIONAL SECURITY COMPLEX													
Major:	Yes			Permittee Address:			P.O. Box 2050 Oak Ridge, TN 37831			Facility Location:			301 BEAR CREEK ROADPO BOX 2009, MS 8239, BLDG 91 OAK RIDGE, TN 37830													
Permitted Feature:	062 External Outfall			Discharge:			062-Y Annual stormwater monitoring for Outfall 062- Cat 1																			
Report Dates & Status											Status:			NetDMR Validated												
Monitoring Period:	From 10/01/22 to 09/30/23			DMR Due Date:			10/31/23																			
Considerations for Form Completion																										
All values require data entry, if a violation or No Data Indicator (NODI) code is reported, explain in comments. If there was no discharge, report NODI C (No Discharge). If single grab sample, report same result for min and max value.																										
Principal Executive Officer																										
First Name:				Title:						Telephone:																
Last Name:																										
No Data Indicator (NODI)																										
Form NODI: --																										
Parameter Code	Name		Monitoring Location		Season	#	Param	NODI	Quantity or Loading		Qualifier 1		Value 1	Qualifier 2		Value 2	Qualifier 3	Value 3	Units		# of Ex.		Frequency of Analysis		Sample Type	
00400	pH	1 - Effluent	Gross	0	--				Sample Permit Req.																	GR - GRAB
									Value NODI																	GR - GRAB
Submission Note																										
If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.																										
Edit Check Errors																										
No errors.																										
Comments																										
Attachments																										
No attachments.																										
Report Last Saved By																										
U.S. Department of Energy (DOE) - National Nuclear Security Administration																										
User:				kimberly.hanzelka@cns.doe.gov						8.5			12 - SU			01/YR - Annual			GR - GRAB							
Name:				Kimberly Hanzelka						Req Mon MINIMUM			Req Mon MAXIMUM			01/YR - Annual										
E-Mail:				kimberly.hanzelka@cns.doe.gov																						
Date/Time:				2023-10-25 09:19 (Time Zone: -05:00)																						
Report Last Signed By																										
User:				kimberly.hanzelka@cns.doe.gov																						
Name:				Kimberly Hanzelka																						
E-Mail:				kimberly.hanzelka@cns.doe.gov																						
Date/Time:				2023-10-26 13:46 (Time Zone: -05:00)																						

[illegible]

DMR Copy of Record

Permit

Permit #:
TN0002968

Major:
Yes

Permitted Feature:
064- External Outfall

Report Dates & Status
Monitoring Period:
From 10/01/22 to 09/30/23

Considerations for Form Completion
All values require data entry. If a violation or No Data Indicator (NODI) code is reported, explain in comments. If there was no discharge, report NODI C (No Discharge). If single grab sample, report same result for min and max value.

Principal Executive Officer
First Name:
Last Name:
No Data Indicator (NODI)
Form NODI: --

Permittee:
U.S. Department of Energy (DOE) - National Nuclear Security Administration
P.O. Box 2050
Oak Ridge, TN 37831

Discharge:
064-Y
Annual stormwater monitoring for Outfall 064- Cat 1

DMR Due Date: 10/31/23

DMR Status:
NetDMR Validated

Facility:
US DEPARTMENT OF ENERGY - OAK RIDGE Y-12 NATIONAL SECURITY COMPLEX
301 BEAR CREEK ROADPO BOX 2009, MS 8239, BLDG 91
OAK RIDGE
OAK RIDGE, TN 37830

Status:
NetDMR Validated

Telephone:

Parameter	Monitoring Location	Season	Param. NODI	Quantity or Loading	Qualifier 1 Value	Qualifier 2 Value	Units	Qualifier 1	Value 1	Qualifier 2 Value	Qualifier 3	Value 3	Units	# of Ex.	Frequency of Analysis	Sample Type
Code	Name				Qualifier 1 Value	Qualifier 2 Value	Units	Qualifier 1	Value 1	Qualifier 2 Value	Qualifier 3	Value 3	Units			
00400	pH	1 - Effluent Gross	0	--					8.0 Req Mon MINIMUM			8.0 Req Mon MAXIMUM	12 - SU		01/YR - Annual	GR - GRAB
					Sample Permit Req.										01/YR - Annual	GR - GRAB
					Value NODI											

Submission Note
If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

No errors.

Comments

Attachments
No attachments.

Report Last Saved By
U.S. Department of Energy (DOE) - National Nuclear Security Administration

User:
kimberly.hanzelka@cns.doe.gov

Name:
Kimberly Hanzelka

E-Mail:
kimberly.hanzelka@cns.doe.gov

Date/Time:
2023-10-25 09:20 (Time Zone: -05:00)

Report Last Signed By

User:
kimberly.hanzelka@cns.doe.gov

Name:
Kimberly Hanzelka

E-Mail:
kimberly.hanzelka@cns.doe.gov

Date/Time:
2023-10-26 13:46 (Time Zone: -05:00)

Permit #:	TN0002968	Permittee:	U.S. Department of Energy (DOE) - National Nuclear Security Administration		Facility:	US DEPARTMENT OF ENERGY - OAK RIDGE Y-12 NATIONAL SECURITY COMPLEX	
Major:	Yes	Permittee Address:	P.O. Box 2050 Oak Ridge, TN 37831		Facility Location:	301 BEAR CREEK ROADPO BOX 2009, MS 8239, BLDG 91 OAK RIDGE, TN 37830	
Permitted Feature:	086 External Outfall	Discharge:	086-Y Annual stormwater monitoring for Outfall 086- Cat 1				
Report Dates & Status							
Monitoring Period:	From 10/01/22 to 09/30/23		DMR Due Date: 10/31/23		Status: NetDMR Validated		
Considerations for Form Completion							
All values require data entry. If a violation or No Data Indicator (NODI) code is reported, explain in comments. If there was no discharge, report NODI C (No Discharge). If single grab sample, report same result for min and max value.							
Principal Executive Officer							
First Name:	Title:		Telephone:				
Last Name:							
No Data Indicator (NODI)							
Form NODI:							
Parameter Code	Monitoring Location	Season #	Param. NODI	Quantity or Loading	Qualifier 1 Value 1	Qualifier 2 Value 2	Qualifier 3 Value 3
00400	pH	1 - Effluent Gross	0	--	Sample Permit Req.	Value NODI	
Submission Note							
If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.							
Edit Check Errors							
No errors.							
Comments							
Attachments							
No attachments.							
Report Last Saved By							
U.S. Department of Energy (DOE) - National Nuclear Security Administration							
User:	kimberly.hanzelka@cns.doe.gov						
Name:	Kimberly Hanzelka						
E-Mail:	kimberly.hanzelka@cns.doe.gov						
Date/Time:	2023-10-25 09:46 (Time Zone: -05:00)						
Report Last Signed By							
User:	kimberly.hanzelka@cns.doe.gov						
Name:	Kimberly Hanzelka						
E-Mail:	kimberly.hanzelka@cns.doe.gov						
Date/Time:	2023-10-26 13:46 (Time Zone: -05:00)						

Permit							
Permit #:	TN0002968	Permittee:	U.S. Department of Energy (DOE) - National Nuclear Security Administration		Facility:	US DEPARTMENT OF ENERGY - OAK RIDGE Y-12 NATIONAL SECURITY COMPLEX	
Major:	Yes	Permittee Address:	P.O. Box 2050 Oak Ridge, TN 37831		Facility Location:	301 BEAR CREEK ROADPO BOX 2009, MS 8239, BLDG 91 OAK RIDGE, TN 37830	
Permitted Feature:	087 External Outfall	Discharge:	087-Y Annual stormwater monitoring for Outfall 087- Cat 1				
Report Dates & Status							
Monitoring Period:	From 10/01/22 to 09/30/23		DMR Due Date: 10/31/23		Status:	NetDMR Validated	
Considerations for Form Completion							
All values require data entry. If a violation or No Data Indicator (NODI) code is reported, explain in comments. If there was no discharge, report NODI C (No Discharge). If single grab sample, report same result for min and max value.							
Principal Executive Officer							
First Name:		Title:		Telephone:			
Last Name:							
No Data Indicator (NODI)							
Form NODI:		--					
Parameter Code	Name	Monitoring Location	Season	# Param.	NODI		
00400	pH	1 - Effluent Gross	0	--			
		Sample Permit Req.					
		Value NODI					
Submission Note							
If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.							
Edit Check Errors							
No errors.							
Comments							
Attachments							
No attachments.							
Report Last Saved By							
U.S. Department of Energy (DOE) - National Nuclear Security Administration							
User:	kimberly.hanzelka@cms.doe.gov						
Name:	Kimberly Hanzelka						
E-Mail:	kimberly.hanzelka@cms.doe.gov						
Date/Time:	2023-10-25 09:46 (Time Zone: -05:00)						
Report Last Signed By							
User:	kimberly.hanzelka@cms.doe.gov						
Name:	Kimberly Hanzelka						
E-Mail:	kimberly.hanzelka@cms.doe.gov						
Date/Time:	2023-10-26 13:46 (Time Zone: -05:00)						

DMR Copy of Record

Permit

Permit #:

TN0002968

Major:

Yes

Permitted Feature:

110 External Outfall

Report Dates & Status

Monitoring Period:

From 10/01/22 to 09/30/23

DMR Due Date:

10/31/23

Status:

NetDMR Validated

Permittee:

U.S. Department of Energy (DOE) - National Nuclear Security Administration

Permittee Address:

P.O. Box 2050
Oak Ridge, TN 37831

Discharge:

110-Y
Annual stormwater monitoring for Outfall 110- Cat 1

Facility:

US DEPARTMENT OF ENERGY - OAK RIDGE Y-12 NATIONAL SECURITY COMPLEX
301 BEAR CREEK ROADPO BOX 2009, MS 8239, BLDG 91
OAK RIDGE
OAK RIDGE, TN 37830

Considerations for Form Completion

All values require data entry. If a violation or No Data Indicator (NODI) code is reported, explain in comments. If there was no discharge, report NODI C (No Discharge). If single grab sample, report same result for min and max value.

Principal Executive Officer

First Name:

Last Name:

Title:

Telephone:

No Data Indicator (NODI)

Form NODI: --

Parameter	Monitoring Location	Season	Param. NODI	Quantity or Loading	Qualifier 1 Value	Qualifier 2 Value	Units	Qualifier 1	Value 1	Qualifier 2 Value	Qualifier 3	Value 3	Units	# of Ex.	Frequency of Analysis	Sample Type
					Qualifier 1 Value	Qualifier 2 Value										
					Sample Permit Req.				7.4	Req Mon MINIMUM						
					Value NODI											
00400	pH	1 - Effluent Gross	0	--												

Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

No errors.

Comments

Attachments

No attachments.

Report Last Saved By

U.S. Department of Energy (DOE) - National Nuclear Security Administration

User:

kimberly.hanzelka@cns.doe.gov

Name:

Kimberly Hanzelka

E-Mail:

kimberly.hanzelka@cns.doe.gov

Date/Time:

2023-10-25 10:08 (Time Zone: -05:00)

Report Last Signed By

User:

kimberly.hanzelka@cns.doe.gov

Name:

Kimberly Hanzelka

E-Mail:

kimberly.hanzelka@cns.doe.gov

Date/Time:

2023-10-26 13:46 (Time Zone: -05:00)

DMR Copy of Record

Permit

Permit #:

TN0002968

Major:

Yes

Permitted Feature:

114 External Outfall

Report Dates & Status

Monitoring Period:

From 10/01/22 to 09/30/23

Considerations for Form Completion

All values require data entry. If a violation or No Data Indicator (NODI) code is reported, explain in comments. If there was no discharge, report NODI C (No Discharge). If single grab sample, report same result for min and max value.

Principal Executive Officer

First Name:

Last Name:

No Data Indicator (NODI)

Form NODI: --

Permittee:

U.S. Department of Energy (DOE) - National Nuclear Security Administration

Permittee Address:

P.O. Box 2050
Oak Ridge, TN 37831

Discharge:

114-Y
Annual stormwater monitoring for Outfall 114- Cat 1

Facility:

US DEPARTMENT OF ENERGY - OAK RIDGE Y-12 NATIONAL SECURITY COMPLEX

Facility Location:

301 BEAR CREEK ROADPO BOX 2009, MS 8239, BLDG 91
OAK RIDGE, TN 37830

DMR Due Date:

10/31/23

Status:

NetDMR Validated

Telephone:

Parameter	Monitoring Location	Season	Param. NODI	Quantity or Loading	Qualifier 1 Value	Qualifier 2 Value	Qualifier 1 Units	Qualifier 2 Units	Qualifier 1	Value 1	Qualifier 2 Value	Qualifier 3	Value 3	Units	# of Ex.	Frequency of Analysis	Sample Type
					Sample Permit Req.					7.9						01/YR - Annual	GR - GRAB
					Value NODI											01/YR - Annual	GR - GRAB
00400	pH	1 - Effluent Gross	0	--												Req Mon MAXIMUM	12 - SU

Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

No errors.

Comments

Attachments

No attachments.

Report Last Saved By

U.S. Department of Energy (DOE) - National Nuclear Security Administration

User:

kimberly.hanzelka@cns.doe.gov

Name:

Kimberly Hanzelka

E-Mail:

kimberly.hanzelka@cns.doe.gov

Date/Time:

2023-10-25 10:09 (Time Zone: -05:00)

Report Last Signed By

User:

kimberly.hanzelka@cns.doe.gov

Name:

Kimberly Hanzelka

E-Mail:

kimberly.hanzelka@cns.doe.gov

Date/Time:

2023-10-26 13:46 (Time Zone: -05:00)

<i>Permit</i>	U.S. Department of Energy (DOE) - National Nuclear Security Administration P.O. Box 2050 Oak Ridge, TN 37831						<i>Facility:</i> US DEPARTMENT OF ENERGY - OAK RIDGE Y-12 NATIONAL SECURITY COMPLEX 301 BEAR CREEK ROADPO BOX 2009, MS 8239, BLDG 91 OAK RIDGE, TN 37830				
<i>Permit #:</i>	TN0002968	<i>Permittee:</i>									
<i>Major:</i>	Yes	<i>Permittee Address:</i>					<i>Facility Location:</i>				
<i>Permitted Feature:</i>	125 External Outfall	<i>Discharge:</i>		125-Y Annual stormwater monitoring for Outfall 125- Cat 1							
<i>Report Dates & Status</i>											
<i>Monitoring Period:</i>	From 10/01/22 to 09/30/23	<i>DMR Due Date:</i>		10/31/23			<i>Status:</i> NetDMR Validated				
<i>Considerations for Form Completion</i> All values require data entry, if a violation or No Data Indicator (NODI) code is reported, explain in comments. If there was no discharge, report NODI C (No Discharge). If single grab sample, report same result for min and max value.											
<i>Principal Executive Officer</i>											
<i>Last Name:</i>		<i>Title:</i>		<i>Telephone:</i>							
<i>No Data Indicator (NODI)</i>											
<i>Form NODI:</i> --											
<i>Parameter Code</i>	Name	Monitoring Location	Season	# Param.	NODI	Quantity or Loading Qualifier:1 Value 1 Qualifier 2 Value 2 Units Qualifier 1 = 7.9		Quality or Concentration Qualifier 2 Value 2 Qualifier 3 = 7.9 Req Mon MAXIMUM 12 - SU		# of Ex.	Frequency of Analysis Sample Type
00400	pH	1 - Effluent Gross	0	--		Sample Permit Req.	Value NODI	Req Mon MINIMUM		01/YR - Annual 01/YR - Annual	GR - GRAB GR - GRAB
<i>Submission Note</i> If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.											
<i>Edit Check Errors</i>											
No errors.											
<i>Comments</i>											
<i>Attachments</i> No attachments.											
<i>Report Last Saved By</i> U.S. Department of Energy (DOE) - National Nuclear Security Administration											
User:	kimberly.hanzelka@cns.doe.gov										
Name:	Kimberly Hanzelka										
E-Mail:	kimberly.hanzelka@cns.doe.gov										
Date/Time:	2023-10-25 10:09 (Time Zone: -05:00)										
<i>Report Last Signed By</i>											
User:	kimberly.hanzelka@cns.doe.gov										
Name:	Kimberly Hanzelka										
E-Mail:	kimberly.hanzelka@cns.doe.gov										
Date/Time:	2023-10-26 13:46 (Time Zone: -05:00)										

Permit																	
Permit #:	TN0002968			Permittee:			U.S. Department of Energy (DOE) - National Nuclear Security Administration			Facility:			US DEPARTMENT OF ENERGY - OAK RIDGE Y-12 NATIONAL SECURITY COMPLEX				
Major:	Yes			Permittee Address:			P.O. Box 2050 Oak Ridge, TN 37831			Facility Location:			301 BEAR CREEK ROADPO BOX 2009, MS 8239, BLDG 91 OAK RIDGE, TN 37830				
Permitted Feature:	126 External Outfall			Discharge:			126-Y Annual stormwater monitoring for Outfall 126- Cat 1										
Report Dates & Status																	
Monitoring Period:	From 10/01/22 to 09/30/23			DMR Due Date:			10/31/23			Status:					NetDMR Validated		
Considerations for Form Completion																	
All values require data entry. If a violation or No Data Indicator (NODI) code is reported, explain in comments. If there was no discharge, report NODI C (No Discharge). If single grab sample, report same result for min and max value.																	
Principal Executive Officer																	
First Name:			Title:			Telephone:											
Last Name:																	
No Data Indicator (NODI)																	
Form NODI: --																	
Parameter Code	Monitoring Location	Season	#	Param.	NODI	Qualifier 1 Value 1	Qualifier 2 Value 2	Units	Qualifier 1 Value 1	Qualifier 2 Value 2	Qualifier 3 Value 3	Value 3	Units	# of Ex.	Frequency of Analysis	Sample Type	
00400	pH	1 - Effluent	Gross	0	--	Sample Permit Req.											
						Value NODI											
Submission Note																	
If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.																	
Edit Check Errors																	
No errors.																	
Comments																	
Attachments																	
No attachments.																	
Report Last Saved By																	
U.S. Department of Energy (DOE) - National Nuclear Security Administration																	
User:				kimberly.hanzelka@cns.doe.gov													
Name:				Kimberly Hanzelka													
E-Mail:				kimberly.hanzelka@cns.doe.gov													
Date/Time:				2023-10-25 10:10 (Time Zone: -05:00)													
Report Last Signed By																	
User:				kimberly.hanzelka@cns.doe.gov													
Name:				Kimberly Hanzelka													
E-Mail:				kimberly.hanzelka@cns.doe.gov													
Date/Time:				2023-10-26 13:46 (Time Zone: -05:00)													

Permit										
Permit #:	TN0002968			Permittee: U.S. Department of Energy (DOE) - National Nuclear Security Administration			Facility: US DEPARTMENT OF ENERGY - OAK RIDGE Y-12 NATIONAL SECURITY COMPLEX			
Major:	Yes			P.O. Box 2050 Oak Ridge, TN 37831			301 BEAR CREEK ROADPO BOX 2009, MS 8239, BLDG 91 OAK RIDGE, TN 37830			
Permitted Feature:	134 External Outfall			Discharge: 134-Y Annual stormwater monitoring for Outfall 134- Cat 1						
Report Dates & Status										
Monitoring Period:	From 10/01/22 to 09/30/23			DMR Due Date: 10/31/23			Status: NetDMR Validated			
Considerations for Form Completion										
After the mercury treatment facility (MTF) is complete, the wastewater from Outfall 134 will be sent through the treatment facility and out of Outfall 200. Monitoring requirements will not be applicable after the MTF is complete.										
Principal Executive Officer										
First Name:	Title:			Telephone:						
Last Name:										
No Data Indicator (NODI)										
Form NODI: --										
Parameter Code	Monitoring Location	Season #	Param. NODI	Quantity or Loading		Quality or Concentration		# of Ex. Frequency of Analysis Sample Type		
	Name			Qualifier 1 Value 1	Qualifier 2 Value 2	Units	Qualifier 3 Value 3	Units		
00400	pH	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI		8.2 Req Mon MINIMUM	12 - SU	01/YR - Annual GR - GRAB	
Submission Note										
If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.										
Edit Check Errors										
No errors.										
Comments										
Attachments										
No attachments.										
Report Last Saved By										
U.S. Department of Energy (DOE) - National Nuclear Security Administration										
User:	kimberly.hanzelka@cns.doe.gov									
Name:	Kimberly Hanzelka									
E-Mail:	kimberly.hanzelka@cns.doe.gov									
Date/Time:	2023-10-25 10:11 (Time Zone: -05:00)									
Report Last Signed By										
User:	kimberly.hanzelka@cns.doe.gov									
Name:	Kimberly Hanzelka									
E-Mail:	kimberly.hanzelka@cns.doe.gov									
Date/Time:	2023-10-26 13:46 (Time Zone: -05:00)									

[illegible]

DMR Copy of Record

[illegible]

DMR Copy of Record

Permit

Permit #:
Major:
Permitted Feature:
Report Dates & Status
Monitoring Period:
Considerations for Form Completion

Permittee:
Permittee Address:
Discharge:
DMR Due Date:
From 10/01/22 to 09/30/23

Facility:
Facility Location:
Status:
NetDMR Validated

U.S. Department of Energy (DOE) - National Nuclear Security Administration
P.O. Box 2050
Oak Ridge, TN 37831

US DEPARTMENT OF ENERGY - OAK RIDGE Y-12 NATIONAL SECURITY COMPLEX
301 BEAR CREEK ROADPO BOX 2009, MS 8239, BLDG 91
OAK RIDGE, TN 37830

034-Y
Annual stormwater monitoring for Outfall 034- Cat 2

10/31/23

From 10/01/22 to 09/30/23

All values require data entry. If a violation or No Data Indicator (NODI) code is reported, explain in comments. If no discharge, report NODI C. If single grab sample, report result for min and max value. If value is below detection limit, report NODI B and include detection limit in comments.

Principal Executive Officer

First Name:
Last Name:
No Data Indicator (NODI)
Form NODI:

Title:
Telephone:

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units	# of Ex.	Frequency of Analysis	Sample Type
00400	pH	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	=	7.7 Req Mon MINIMUM			=	7.7 Req Mon MAXIMUM	12 - SU 12 - SU		01YR - Annual 01YR - Annual	GR - GRAB GR - GRAB
50060	Chlorine, total residual	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI					<	0.05 Req Mon MAXIMUM	19 - mg/L 19 - mg/L		01YR - Annual 01YR - Annual	GR - GRAB GR - GRAB

Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

No errors.

Comments

Attachments

No attachments.

Report Last Saved By

U.S. Department of Energy (DOE) - National Nuclear Security Administration

User:
Name:
E-Mail:
Date/Time:

User:
Name:
E-Mail:
Date/Time:

DMR Copy of Record

Permit

Permit #: TN0002968

Major: Yes

Permitted Feature: 042 External Outfall

Report Dates & Status

Monitoring Period: From 10/01/22 to 09/30/23

Considerations for Form Completion

All values require data entry. If a violation or No Data Indicator (NODI) code is reported, explain in comments. If no discharge, report NODI C. If single grab sample, report result for min and max value. If value is below detection limit, report NODI B and include detection limit in comments.

Principal Executive Officer

First Name:

Last Name:

No Data Indicator (NODI)

Form NODI: --

Permittee: U.S. Department of Energy (DOE) - National Nuclear Security Administration

Permittee Address: P.O. Box 2050 Oak Ridge, TN 37831

Discharge: 042-Y Annual stormwater monitoring for Outfall 042- Cat 2

DMR Due Date: 10/31/23

Status: NetDMR Validated

Title:

Telephone:

Facility: US DEPARTMENT OF ENERGY - OAK RIDGE Y-12 NATIONAL SECURITY COMPLEX

Facility Location: 301 BEAR CREEK ROADPO BOX 2009, MS 8239, BLDG 91 OAK RIDGE, TN 37830

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units	# of Ex.	Frequency of Analysis	Sample Type
00400	pH	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	=	7.8 Req Mon MINIMUM	=			7.8 Req Mon MAXIMUM	12 - SU	01YR - Annual	01YR - Annual	GR - GRAB
50060	Chlorine, total residual	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI			<			0.05 Req Mon MAXIMUM	19 - mg/L	01YR - Annual	01YR - Annual	GR - GRAB

Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

No errors.

Comments

Attachments

No attachments.

Report Last Saved By

U.S. Department of Energy (DOE) - National Nuclear Security Administration

User: kimberly.hanzelka@cns.doe.gov

Name: Kimberly Hanzelka

E-Mail: kimberly.hanzelka@cns.doe.gov

Date/Time: 2023-10-25 09:04 (Time Zone: -05:00)

Report Last Signed By

User: kimberly.hanzelka@cns.doe.gov

Name: Kimberly Hanzelka

E-Mail: kimberly.hanzelka@cns.doe.gov

Date/Time: 2023-10-26 13:46 (Time Zone: -05:00)

DMR Copy of Record

Permit

Permit #:
Major:
Permitted Feature:
Report Dates & Status
Monitoring Period:
Considerations for Form Completion

Permittee:
Permittee Address:
Discharge:
DMR Due Date:
From 10/01/22 to 09/30/23

Facility:
Facility Location:
Status:
NetDMR Validated

US Department of Energy (DOE) - National Nuclear Security Administration
P.O. Box 2050
Oak Ridge, TN 37831

US DEPARTMENT OF ENERGY - OAK RIDGE Y-12 NATIONAL SECURITY COMPLEX
301 BEAR CREEK ROADPO BOX 2009, MS 8239, BLDG 91
OAK RIDGE, TN 37830

071-Y
Annual stormwater monitoring for Outfall 071- Cat 2

10/31/23

Principal Executive Officer

First Name:
Last Name:
No Data Indicator (NODI)
Form NODI:

Title:
Telephone:

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units	# of Ex.	Frequency of Analysis	Sample Type
00400	pH	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	=	7.8 Req Mon MINIMUM			=	7.8 Req Mon MAXIMUM	12 - SU 12 - SU	01YR - Annual 01YR - Annual	GR - GRAB GR - GRAB	
50060	Chlorine, total residual	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI					<	0.05 Req Mon MAXIMUM	19 - mg/L 19 - mg/L	01YR - Annual 01YR - Annual	GR - GRAB GR - GRAB	

Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

No errors.

Comments

Attachments

No attachments.

Report Last Saved By

U.S. Department of Energy (DOE) - National Nuclear Security Administration

User:
Name:
E-Mail:
Date/Time:

User:
Name:
E-Mail:
Date/Time:

Permit #:	TN0002968		Permittee:	U.S. Department of Energy (DOE) - National Nuclear Security Administration		Facility:	US DEPARTMENT OF ENERGY - OAK RIDGE Y-12 NATIONAL SECURITY COMPLEX					
Major:	Yes		Permittee Address:	P.O. Box 2050 Oak Ridge, TN 37831		Facility Location:	301 BEAR CREEK ROADPO BOX 2009, MS 8239, BLDG 91 OAK RIDGE, TN 37830					
Permitted Feature:	083 External Outfall		Discharge:	083-Y Annual stormwater monitoring for Outfall 083- Cat 2								
Report Dates & Status												
Monitoring Period:	From 10/01/22 to 09/30/23		DMR Due Date:	10/31/23		Status:	NetDMR Validated					
Considerations for Form Completion All values require data entry. If a violation or No Data Indicator (NODI) code is reported, explain in comments. If no discharge, report NODI C. If single grab sample, report result for min and max value. If value is below detection limit, report NODI B and include detection limit in comments.												
Principal Executive Officer												
First Name:			Title:			Telephone:						
Last Name:												
No Data Indicator (NODI)												
Form NODI:	--											
Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading		Quality or Concentration		# of Ex.	Frequency of Analysis	Sample Type	
					Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units	
00400	pH	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	= 7.9 Req Mon MINIMUM			= 7.9 Req Mon MAXIMUM	12 - SU	01YR - Annual 01YR - Annual	GR - GRAB GR - GRAB
50060	Chlorine, total residual	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	< 0.05 Req Mon MAXIMUM				19 - mg/L	01YR - Annual 01YR - Annual	GR - GRAB GR - GRAB
Submission Note												
If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.												
Edit Check Errors												
No errors.												
Comments												
Attachments												
No attachments.												
Report Last Saved By												
U.S. Department of Energy (DOE) - National Nuclear Security Administration												
User:	kimberly.hanzelka@cnrs.doe.gov											
Name:	Kimberly Hanzelka											
E-Mail:	kimberly.hanzelka@cnrs.doe.gov											
Date/Time:	2023-10-25 09:44 (Time Zone: -05:00)											
Report Last Signed By												
User:	kimberly.hanzelka@cnrs.doe.gov											
Name:	Kimberly Hanzelka											
E-Mail:	kimberly.hanzelka@cnrs.doe.gov											
Date/Time:	2023-10-26 13:46 (Time Zone: -05:00)											

DMR Copy of Record

Permit

Permit #: TN0002968

Major: Yes

Permitted Feature: 088 External Outfall

Report Dates & Status

Monitoring Period: From 10/01/22 to 09/30/23

Considerations for Form Completion

All values require data entry. If a violation or No Data Indicator (NODI) code is reported, explain in comments. If no discharge, report NODI C. If single grab sample, report result for min and max value. If value is below detection limit, report NODI B and include detection limit in comments.

Principal Executive Officer

First Name: Last Name: Title:

No Data Indicator (NODI)

Form NODI: --

Permittee: U.S. Department of Energy (DOE) - National Nuclear Security Administration

Permittee Address: P.O. Box 2050 Oak Ridge, TN 37831

Discharge: 088-Y Annual stormwater monitoring for Outfall 088- Cat 2

Status: NetDMR Validated

Facility: US DEPARTMENT OF ENERGY - OAK RIDGE Y-12 NATIONAL SECURITY COMPLEX

Facility Location: 301 BEAR CREEK ROADPO BOX 2009, MS 8239, BLDG 91 OAK RIDGE, TN 37830

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units	# of Ex.	Frequency of Analysis	Sample Type
00400	pH	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	=	7.7	Req Mon MINIMUM		=	7.7	Req Mon MAXIMUM	12 - SU	01YR - Annual	GR - GRAB
50060	Chlorine, total residual	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI					<	0.05	Req Mon MAXIMUM	19 - mg/L	01YR - Annual	GR - GRAB

Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

No errors.

Comments

Attachments

No attachments.

Report Last Saved By

U.S. Department of Energy (DOE) - National Nuclear Security Administration

User: kimberly.hanzelka@cns.doe.gov

Name: Kimberly Hanzelka

E-Mail: kimberly.hanzelka@cns.doe.gov

Date/Time: 2023-10-25 09:54 (Time Zone: -05:00)

Report Last Signed By

User: kimberly.hanzelka@cns.doe.gov

Name: Kimberly Hanzelka

E-Mail: kimberly.hanzelka@cns.doe.gov

Date/Time: 2023-10-26 13:46 (Time Zone: -05:00)

DMR Copy of Record

Permit

Permit #:
Major:
Permitted Feature:
Report Dates & Status
Monitoring Period:
Considerations for Form Completion

Permittee:
Permittee Address:
Discharge:
DMR Due Date:
DMR Due Date:

Facility:
Facility Location:
Status:
NetDMR Validated

US Department of Energy (DOE) - National Nuclear Security Administration
P.O. Box 2050
Oak Ridge, TN 37831

US DEPARTMENT OF ENERGY - OAK RIDGE Y-12 NATIONAL SECURITY COMPLEX
301 BEAR CREEK ROADPO BOX 2009, MS 8239, BLDG 91
OAK RIDGE
OAK RIDGE, TN 37830

099
External Outfall

099-Y
Annual stormwater monitoring for Outfall 099- Cat 2

From 10/01/22 to 09/30/23

10/31/23

All values require data entry. If a violation or No Data Indicator (NODI) code is reported, explain in comments. If no discharge, report NODI C. If single grab sample, report result for min and max value. If value is below detection limit, report NODI B and include detection limit in comments.

Principal Executive Officer

First Name:
Last Name:
No Data Indicator (NODI)
Form NODI:

Title:

NODI:
--

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units	# of Ex.	Frequency of Analysis	Sample Type
00400	pH	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	8.3	Req Mon MINIMUM	=	8.3	Req Mon MAXIMUM	12 - SU	01YR - Annual	01YR - Annual	GR - GRAB	
50060	Chlorine, total residual	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	0.05	Req Mon MAXIMUM	<	0.05	Req Mon MAXIMUM	19 - mg/L	01YR - Annual	01YR - Annual	GR - GRAB	

Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

No errors.

Comments

Attachments

No attachments.

Report Last Saved By

U.S. Department of Energy (DOE) - National Nuclear Security Administration

User:
Name:
E-Mail:
Date/Time:

kimberly.hanzelka@cns.doe.gov
Kimberly Hanzelka
kimberly.hanzelka@cns.doe.gov
2023-10-25 10:02 (Time Zone: -05:00)

Report Last Signed By

User:
Name:
E-Mail:
Date/Time:

kimberly.hanzelka@cns.doe.gov
Kimberly Hanzelka
kimberly.hanzelka@cns.doe.gov
2023-10-26 13:46 (Time Zone: -05:00)

DMR Copy of Record

Permit

Permit #:

TN0002968

Major:

Yes

Permitted Feature:

113 External Outfall

Report Dates & Status

Monitoring Period:

From 10/01/22 to 09/30/23

DMR Due Date:

10/31/23

Discharge:

113-Y Annual stormwater monitoring for Outfall 113- Cat 2

Permittee:

U.S. Department of Energy (DOE) - National Nuclear Security Administration

Permittee Address:

P.O. Box 2050 Oak Ridge, TN 37831

Facility:

US DEPARTMENT OF ENERGY - OAK RIDGE Y-12 NATIONAL SECURITY COMPLEX

Facility Location:

301 BEAR CREEK ROADPO BOX 2009, MS 8239, BLDG 91 OAK RIDGE, TN 37830

Considerations for Form Completion

All values require data entry. If a violation or No Data Indicator (NODI) code is reported, explain in comments. If no discharge, report NODI C. If single grab sample, report result for min and max value. If value is below detection limit, report NODI B and include detection limit in comments.

Principal Executive Officer

First Name:

Last Name:

Title:

No Data Indicator (NODI)

Form NODI:

--

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units	# of Ex.	Frequency of Analysis	Sample Type
00400	pH	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	=	8.1 Req Mon MINIMUM			=	8.1 Req Mon MAXIMUM	12 - SU		01YR - Annual	GR - GRAB
50060	Chlorine, total residual	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI					<	0.05 Req Mon MAXIMUM	19 - mg/L		01YR - Annual	GR - GRAB

Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

No errors.

Comments

Attachments

No attachments.

Report Last Saved By

U.S. Department of Energy (DOE) - National Nuclear Security Administration

User:

kimberly.hanzelka@cns.doe.gov

Name:

Kimberly Hanzelka

E-Mail:

kimberly.hanzelka@cns.doe.gov

Date/Time:

2023-10-25 10:08 (Time Zone: -05:00)

Report Last Signed By

kimberly.hanzelka@cns.doe.gov

User:

kimberly.hanzelka@cns.doe.gov

Name:

Kimberly Hanzelka

E-Mail:

kimberly.hanzelka@cns.doe.gov

Date/Time:

2023-10-26 13:46 (Time Zone: -05:00)

DMR Copy of Record

Permit #:
Major:

TN0002968
Yes

Permittee:

U.S. Department of Energy (DOE) - National Nuclear Security Administration

Permittee Address:

P.O. Box 2050
Oak Ridge, TN 37831

Facility:

US DEPARTMENT OF ENERGY - OAK RIDGE Y-12 NATIONAL SECURITY COMPLEX
301 BEAR CREEK ROADPO BOX 2009, MS 8239, BLDG 91
OAK RIDGE
OAK RIDGE, TN 37830

Permitted Feature:

014
External Outfall

Discharge:

014-Y
Annual stormwater monitoring for Outfall 014- Sector AA

Report Dates & Status

Monitoring Period: From 10/01/22 to 09/30/23

DMR Due Date: 10/31/23

Status: NetDMR Validated

Considerations for Form Completion

All values require data entry. If a violation or No Data Indicator (NODI) code is reported, explain in comments. If no discharge, report NODI C. If single grab sample, report result for min and max value. If value is below detection limit, report NODI B and include detection limit in comments.

Principal Executive Officer

First Name:
Last Name:
No Data Indicator (NODI)
Form NODI:

Title:

--

Telephone:

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading			Quality or Concentration			# of Ex. Frequency of Analysis			Sample Type	
					Qualifier 1	Value 1	Units	Qualifier 2	Value 2	Qualifier 3	Value 3	Units	Value 3		
00400	pH	1 - Effluent Gross	0	--	Sample			Permit Req.		8.0		Req Mon MINIMUM		01/YR - Annual 01/YR - Annual	GR - GRAB GR - GRAB
00630	Nitrite + Nitrate total [as N]	1 - Effluent Gross	0	--	Sample			Permit Req.				19 - mg/L		01/YR - Annual 01/YR - Annual	GR - GRAB GR - GRAB
01045	Iron, total [as Fe]	1 - Effluent Gross	0	--	Sample			Permit Req.				19 - mg/L		01/YR - Annual 01/YR - Annual	GR - GRAB GR - GRAB
01092	Zinc, total [as Zn]	1 - Effluent Gross	0	--	Sample			Permit Req.				19 - mg/L		01/YR - Annual 01/YR - Annual	GR - GRAB GR - GRAB
01105	Aluminum, total [as Al]	1 - Effluent Gross	0	--	Sample			Permit Req.				19 - mg/L		01/YR - Annual 01/YR - Annual	GR - GRAB GR - GRAB
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample			Permit Req.				03 - MGD		04/YR - Four Per Year 01/YR - Annual	ES - ESTIMA ES - ESTIMA
71900	Mercury, total [as Hg]	1 - Effluent Gross	0	--	Sample			Permit Req.				3M - ng/L		01/YR - Annual 01/YR - Annual	GR - GRAB GR - GRAB

Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

No errors.

Comments

Attachments

No attachments.

Report Last Saved By

U.S. Department of Energy (DOE) - National Nuclear Security Administration

User:

kimberly.hanzelka@cns.doe.gov

Name:

Kimberly Hanzelka

E-Mail:

kimberly.hanzelka@cns.doe.gov

Date/Time:

2023-10-25 07:56 (Time Zone: -0500)

Report Last Signed By

User: kimberly.hanzeika@cnts.doe.gov
Name: Kimberly Hanzeika
E-Mail: kimberly.hanzeika@cnts.doe.gov
Date/Time: 2023-10-26 13:46 (Time Zone: -05:00)

DMR Copy of Record

Permit #:
Major:

TN0002968
Yes

Permittee:

U.S. Department of Energy (DOE) - National Nuclear Security Administration

Permittee Address:

P.O. Box 2050
Oak Ridge, TN 37831

Facility:

US DEPARTMENT OF ENERGY - OAK RIDGE Y-12 NATIONAL SECURITY COMPLEX
301 BEAR CREEK ROADPO BOX 2009, MS 8239, BLDG 91
OAK RIDGE
OAK RIDGE, TN 37830

Permitted Feature:

016
External Outfall

Discharge:

016-Y
Annual stormwater monitoring for Outfall 016- Sector AA

Report Dates & Status

Monitoring Period: From 10/01/22 to 09/30/23

DMR Due Date: 10/31/23

Status: NetDMR Validated

Considerations for Form Completion

All values require data entry. If a violation or No Data Indicator (NODI) code is reported, explain in comments. If no discharge, report NODI C. If single grab sample, report result for min and max value. If value is below detection limit, report NODI B and include detection limit in comments.

Principal Executive Officer

First Name:
Last Name:
No Data Indicator (NODI)
Form NODI:

Title:

--

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading			Quality or Concentration			# of Ex. Frequency of Analysis Sample Type					
					Qualifier 1	Value 1	Units	Qualifier 2	Value 2	Units	Qualifier 3	Value 3	Units	Qualifier 4	Value 4	Units
00400	pH	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI					8.4 Req Mon MINIMUM			8.7 Req Mon MAXIMUM	12 - SU	01/YR - Annual 01/YR - Annual	GR - GRAB GR - GRAB
00630	Nitrite + Nitrate total [as N]	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI								0.167 Req Mon DAILY MX	19 - mg/L	01/YR - Annual 01/YR - Annual	GR - GRAB GR - GRAB
01045	Iron, total [as Fe]	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI								1.22 Req Mon DAILY MX	19 - mg/L	01/YR - Annual 01/YR - Annual	GR - GRAB GR - GRAB
01092	Zinc, total [as Zn]	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI								0.064 Req Mon DAILY MX	19 - mg/L	01/YR - Annual 01/YR - Annual	GR - GRAB GR - GRAB
01105	Aluminum, total [as Al]	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI								1.53 Req Mon DAILY MX	19 - mg/L	01/YR - Annual 01/YR - Annual	GR - GRAB GR - GRAB
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI					0.042 03 - MGD Req Mon DAILY MX					01/YR - Annual 01/YR - Annual	ES - ESTIMA ES - ESTIMA
71900	Mercury, total [as Hg]	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI								0.00005 Req Mon DAILY MX	3M - ng/L	01/YR - Annual 01/YR - Annual	GR - GRAB GR - GRAB

Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

No errors.

Comments

Attachments

No attachments.

Report Last Saved By

U.S. Department of Energy (DOE) - National Nuclear Security Administration

User:

kimberly.hanzelka@cns.doe.gov

Name:

Kimberly Hanzelka

E-Mail:

kimberly.hanzelka@cns.doe.gov

Date/Time:

2023-10-25 07:57 (Time Zone: -0500)

Report Last Signed By

User: kimberly.hanzeika@cnts.doe.gov
Name: Kimberly Hanzeika
E-Mail: kimberly.hanzeika@cnts.doe.gov
Date/Time: 2023-10-26 13:46 (Time Zone: -05:00)

DMR Copy of Record

Permit #:
Major:

TN0002968
Yes

Permittee:

U.S. Department of Energy (DOE) - National Nuclear Security Administration

Permittee Address:

P.O. Box 2050
Oak Ridge, TN 37831

Facility:

US DEPARTMENT OF ENERGY - OAK RIDGE Y-12 NATIONAL SECURITY COMPLEX
301 BEAR CREEK ROADPO BOX 2009, MS 8239, BLDG 91
OAK RIDGE
OAK RIDGE, TN 37830

Permitted Feature:

047-
External Outfall

Discharge:

047-Y
Annual stormwater monitoring for Outfall 047- Sector AA

Report Dates & Status

Monitoring Period: From 10/01/22 to 09/30/23

DMR Due Date: 10/31/23

Status: NetDMR Validated

Considerations for Form Completion

All values require data entry. If a violation or No Data Indicator (NODI) code is reported, explain in comments. If no discharge, report NODI C. If single grab sample, report result for min and max value. If value is below detection limit, report NODI B and include detection limit in comments.

Principal Executive Officer

First Name:
Last Name:
No Data Indicator (NODI)
Form NODI:

Title:

--

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Qualifier 1		Qualifier 2		Qualifier 3		Quality or Concentration		Units		# of Ex.	Frequency of Analysis	Sample Type
					Value 1	Value 2	Value 1	Value 2	Value 1	Value 2	Value 1	Value 2	Value 1	Value 2			
00400	pH	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI												01YR - Annual 01YR - Annual GR - GRAB GR - GRAB
00630	Nitrite + Nitrate total [as N]	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI												01YR - Annual 01YR - Annual GR - GRAB GR - GRAB
01045	Iron, total [as Fe]	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI												01YR - Annual 01YR - Annual GR - GRAB GR - GRAB
01092	Zinc, total [as Zn]	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI												01YR - Annual 01YR - Annual GR - GRAB GR - GRAB
01105	Aluminum, total [as Al]	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI												01YR - Annual 01YR - Annual GR - GRAB GR - GRAB
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI												06YR - Six Per Year 01YR - Annual GR - GRAB GR - GRAB
71900	Mercury, total [as Hg]	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI												01YR - Annual 01YR - Annual GR - GRAB GR - GRAB

Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

No errors.

Comments

Attachments

No attachments.

Report Last Saved By

U.S. Department of Energy (DOE) - National Nuclear Security Administration

User:

kimberly.hanzelka@cns.doe.gov

Name:

Kimberly Hanzelka

E-Mail:

kimberly.hanzelka@cns.doe.gov

Date/Time:

2023-10-25 09:11 (Time Zone: -0500)

Report Last Signed By

User: kimberly.hanzelka@cns.doe.gov
Name: Kimberly Hanzelka
E-Mail: kimberly.hanzelka@cns.doe.gov
Date/Time: 2023-10-26 13:46 (Time Zone: -05:00)

DMR Copy of Record

Permit #:
Major:

TN0002968
Yes

Permittee:

U.S. Department of Energy (DOE) - National Nuclear Security Administration

Permittee Address:

P.O. Box 2050
Oak Ridge, TN 37831

Facility:

US DEPARTMENT OF ENERGY - OAK RIDGE Y-12 NATIONAL SECURITY COMPLEX
301 BEAR CREEK ROADPO BOX 2009, MS 8239, BLDG 91
OAK RIDGE
OAK RIDGE, TN 37830

Permitted Feature:

048
External Outfall

Discharge:

048-Y
Annual stormwater monitoring for Outfall 048- Sector AA

Report Dates & Status

Monitoring Period: From 10/01/22 to 09/30/23

DMR Due Date: 10/31/23

Status: NetDMR Validated

Considerations for Form Completion

All values require data entry. If a violation or No Data Indicator (NODI) code is reported, explain in comments. If no discharge, report NODI C. If single grab sample, report result for min and max value. If value is below detection limit, report NODI B and include detection limit in comments.

Principal Executive Officer

First Name:
Last Name:
No Data Indicator (NODI)
Form NODI:

Title:

--

Telephone:

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Qualifier 1		Qualifier 2		Qualifier 3		Value 1		Value 2		Value 3		Units		# of Ex.		Frequency of Analysis		Sample Type	
					Sample	Permit Req.	Value NODI	Sample	Permit Req.	Value NODI	Sample	Permit Req.	Value NODI	Sample	Permit Req.	Value NODI	Sample	Permit Req.	Value NODI	Sample	Permit Req.	Value NODI	Sample	Permit Req.
00400	pH	1 - Effluent Gross	0	--							8.29	Req Mon DAILY MN			8.29	Req Mon MAXIMUM	12 - SU				01YR - Annual		GR - GRAB	
00630	Nitrite + Nitrate total [as N]	1 - Effluent Gross	0	--													19 - mg/L				01YR - Annual		GR - GRAB	
01045	Iron, total [as Fe]	1 - Effluent Gross	0	--													19 - mg/L				01YR - Annual		GR - GRAB	
01092	Zinc, total [as Zn]	1 - Effluent Gross	0	--													19 - mg/L				01YR - Annual		GR - GRAB	
01105	Aluminum, total [as Al]	1 - Effluent Gross	0	--													19 - mg/L				01YR - Annual		GR - GRAB	
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--													03 - MGD				999 - See Comments		GR - GRAB	
71900	Mercury, total [as Hg]	1 - Effluent Gross	0	--													3M - ng/L				01YR - Annual		GR - GRAB	

Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

No errors.

Comments

Flow was measured 05/YR.

Attachments

No attachments.

Report Last Saved By

U.S. Department of Energy (DOE) - National Nuclear Security Administration

User:

kimberly.hanzelka@cns.doe.gov

Name:

Kimberly Hanzelka

E-Mail:

kimberly.hanzelka@cns.doe.gov

Date/Time:

2023-10-25 09:16 (Time Zone: -0500)

Report Last Signed By

User: kimberly.hanzelka@cns.doe.gov
Name: Kimberly Hanzelka
E-Mail: kimberly.hanzelka@cns.doe.gov
Date/Time: 2023-10-26 13:46 (Time Zone: -05:00)

DMR Copy of Record

Permit #:
Major:

TN0002968
Yes

Permittee:

U.S. Department of Energy (DOE) - National Nuclear Security Administration

Permittee Address:

P.O. Box 2050
Oak Ridge, TN 37831

Facility:

US DEPARTMENT OF ENERGY - OAK RIDGE Y-12 NATIONAL SECURITY COMPLEX
301 BEAR CREEK ROADPO BOX 2009, MS 8239, BLDG 91
OAK RIDGE
OAK RIDGE, TN 37830

Permitted Feature:

067
External Outfall

Discharge:

067-Y
Annual stormwater monitoring for Outfall 067- Sector AA

Report Dates & Status

Monitoring Period: From 10/01/22 to 09/30/23

DMR Due Date: 10/31/23

Status: NetDMR Validated

Considerations for Form Completion

All values require data entry. If a violation or No Data Indicator (NODI) code is reported, explain in comments. If no discharge, report NODI C. If single grab sample, report result for min and max value. If value is below detection limit, report NODI B and include detection limit in comments.

Principal Executive Officer

First Name:
Last Name:
No Data Indicator (NODI)
Form NODI:

Title:

--

Telephone:

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading		Quality or Concentration		# of Ex. Frequency of Analysis		Sample Type	
					Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units	
00400	pH	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI				7.9 Req Mon MINIMUM		12 - SU	GR - GRAB
00630	Nitrite + Nitrate total [as N]	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI				0.298 Req Mon DAILY MX		19 - mg/L	GR - GRAB
01045	Iron, total [as Fe]	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI				0.512 Req Mon DAILY MX		19 - mg/L	GR - GRAB
01092	Zinc, total [as Zn]	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI				0.067 Req Mon DAILY MX		19 - mg/L	GR - GRAB
01105	Aluminum, total [as Al]	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI				0.548 Req Mon DAILY MX		19 - mg/L	GR - GRAB
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI				1.13 03 - MGD Req Mon DAILY MX		03 - MGD	ES - ESTIMA
71900	Mercury, total [as Hg]	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI				< 0.00005 Req Mon DAILY MX		3M - ng/L	GR - GRAB

Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

No errors.

Comments

Flow was measured 05/YR.

Attachments

No attachments.

Report Last Saved By

U.S. Department of Energy (DOE) - National Nuclear Security Administration

User:

kimberly.hanzelka@cns.doe.gov

Name:

Kimberly Hanzelka

E-Mail:

kimberly.hanzelka@cns.doe.gov

Date/Time:

2023-10-25 09:30 (Time Zone: -0500)

Report Last Signed By

User: kimberly.hanzeika@cnts.doe.gov
Name: Kimberly Hanzeika
E-Mail: kimberly.hanzeika@cnts.doe.gov
Date/Time: 2023-10-26 13:46 (Time Zone: -05:00)

DMR Copy of Record

Permit #:
Major:

TN0002968
Yes

Permittee:

U.S. Department of Energy (DOE) - National Nuclear Security Administration

Permittee Address:

P.O. Box 2050
Oak Ridge, TN 37831

Facility:

US DEPARTMENT OF ENERGY - OAK RIDGE Y-12 NATIONAL SECURITY COMPLEX
301 BEAR CREEK ROADPO BOX 2009, MS 8239, BLDG 91
OAK RIDGE
OAK RIDGE, TN 37830

Permitted Feature:

102
External Outfall

Discharge:

102-Y
Annual stormwater monitoring for Outfall 102- Sector AA

Report Dates & Status

Monitoring Period: From 10/01/22 to 09/30/23

DMR Due Date: 10/31/23

Considerations for Form Completion

All values require data entry. If a violation or No Data Indicator (NODI) code is reported, explain in comments. If no discharge, report NODI C. If single grab sample, report result for min and max value. If value is below detection limit, report NODI B and include detection limit in comments.

Principal Executive Officer

First Name:
Last Name:
No Data Indicator (NODI)
Form NODI:

Title:

--

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading			Quality or Concentration			# of Ex. Frequency of Analysis			Sample Type	
					Qualifier 1	Value 1	Units	Qualifier 2	Value 2	Units	Qualifier 3	Value 3	Units		
00400	pH	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI					8.2 Req Mon MINIMUM			12 - SU 12 - SU	01/YR - Annual 01/YR - Annual	GR - GRAB GR - GRAB
00630	Nitrite + Nitrate total [as N]	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI					0.175 Req Mon DAILY MX			19 - mg/L 19 - mg/L	01/YR - Annual 01/YR - Annual	GR - GRAB GR - GRAB
01045	Iron, total [as Fe]	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI					0.319 Req Mon DAILY MX			19 - mg/L 19 - mg/L	01/YR - Annual 01/YR - Annual	GR - GRAB GR - GRAB
01092	Zinc, total [as Zn]	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI					0.0689 Req Mon DAILY MX			19 - mg/L 19 - mg/L	01/YR - Annual 01/YR - Annual	GR - GRAB GR - GRAB
01105	Aluminum, total [as Al]	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI					0.281 Req Mon DAILY MX			19 - mg/L 19 - mg/L	01/YR - Annual 01/YR - Annual	GR - GRAB GR - GRAB
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI				0.046 03 - MGD Req Mon DAILY MX 03 - MGD					03/YR - Three Per Year 01/YR - Annual	ES - ESTIMA ES - ESTIMA
71900	Mercury, total [as Hg]	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI					0.00005 Req Mon DAILY MX			3M - ng/L 3M - ng/L	01/YR - Annual 01/YR - Annual	GR - GRAB GR - GRAB

Submission Note
If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors
No errors.

Comments

Attachments
No attachments.

Report Last Saved By
U.S. Department of Energy (DOE) - National Nuclear Security Administration

User:
Name:
E-Mail:
Date/Time:

kimberly.hanzelka@cns.doe.gov
Kimberly Hanzelka
kimberly.hanzelka@cns.doe.gov
2023-10-25 10:04 (Time Zone: -05:00)

Report Last Signed By

User: kimberly.hanzeika@cnts.doe.gov
Name: Kimberly Hanzeika
E-Mail: kimberly.hanzeika@cnts.doe.gov
Date/Time: 2023-10-26 13:46 (Time Zone: -05:00)

DMR Copy of Record

Permit #:
Major:

TN0002968
Yes

Permittee:

U.S. Department of Energy (DOE) - National Nuclear Security Administration

Permittee Address:

P.O. Box 2050
Oak Ridge, TN 37831

Facility:

US DEPARTMENT OF ENERGY - OAK RIDGE Y-12 NATIONAL SECURITY COMPLEX
301 BEAR CREEK ROADPO BOX 2009, MS 8239, BLDG 91
OAK RIDGE
OAK RIDGE, TN 37830

Permitted Feature:

135
External Outfall

Discharge:

135-Y
Annual stormwater monitoring for Outfall 135- Sector AA

Report Dates & Status

Monitoring Period: From 10/01/22 to 09/30/23

DMR Due Date: 10/31/23

Status: NetDMR Validated

Considerations for Form Completion

All values require data entry. If a violation or No Data Indicator (NODI) code is reported, explain in comments. If no discharge, report NODI C. If single grab sample, report result for min and max value. If value is below detection limit, report NODI B and include detection limit in comments.

Principal Executive Officer

First Name:
Last Name:
No Data Indicator (NODI)
Form NODI:

Title:

--

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading			Quality or Concentration			# of Ex. Frequency of Analysis Sample Type						
					Qualifier 1	Value 1	Units	Qualifier 2	Value 2	Units	Qualifier 3	Value 3	Units				
00400	pH	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI					7.75	Req Mon MINIMUM				12 - SU	01/YR - Annual	GR - GRAB
00630	Nitrite + Nitrate total [as N]	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI										19 - mg/L	01/YR - Annual	GR - GRAB
01045	Iron, total [as Fe]	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI										19 - mg/L	01/YR - Annual	GR - GRAB
01092	Zinc, total [as Zn]	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI										19 - mg/L	01/YR - Annual	GR - GRAB
01105	Aluminum, total [as Al]	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI										19 - mg/L	01/YR - Annual	GR - GRAB
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI												
71900	Mercury, total [as Hg]	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI												

Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

No errors.

Comments

Flow measured 363/YR

Attachments

No attachments.

Report Last Saved By

U.S. Department of Energy (DOE) - National Nuclear Security Administration

User:

kimberly.hanzelka@cns.doe.gov

Name:

Kimberly Hanzelka

E-Mail:

kimberly.hanzelka@cns.doe.gov

Date/Time:

2023-10-25 10:17 (Time Zone: -0500)

Report Last Signed By

User: kimberly.hanzeika@cnts.doe.gov
Name: Kimberly Hanzeika
E-Mail: kimberly.hanzeika@cnts.doe.gov
Date/Time: 2023-10-26 13:46 (Time Zone: -05:00)

DMR Copy of Record

Permit #:
Major:

TN0002968
Yes

Permittee:
Permittee Address:

U.S. Department of Energy (DOE) - National Nuclear Security Administration
P.O. Box 2050
Oak Ridge, TN 37831

Facility:
Facility Location:

US DEPARTMENT OF ENERGY - OAK RIDGE Y-12 NATIONAL SECURITY COMPLEX
301 BEAR CREEK ROADPO BOX 2009, MS 8239, BLDG 91
OAK RIDGE
OAK RIDGE, TN 37830

Permitted Feature:

200
External Outfall

Discharge:

200-Y
Annual reporting for Outfall 200- Wet Weather Flow

Report Dates & Status

Monitoring Period: From 10/01/22 to 09/30/23

DMR Due Date: 10/31/23

Status: NetDMR Validated

Considerations for Form Completion

All values require data entry. If a violation or No Data Indicator (NODI) code is reported, explain in comments. If no discharge, report NODI C. If single grab sample, report result for min and max value. If value is below detection limit, report NODI B and include detection limit in comments.

Principal Executive Officer

First Name:

Last Name:

No Data Indicator (NODI)

Form NODI:

Title:

Telephone:

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading		Quality or Concentration			# of Ex.	Frequency of Analysis	Sample Type
					Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3			
00010	Temperature, water deg. centigrade	T - See Comments	0	--	Sample							GR - GRAB
					Permit Req.							GR - GRAB
					Value NODI							
00400	pH	T - See Comments	0	--	Sample							GR - GRAB
					Permit Req.							GR - GRAB
					Value NODI							
00530	Solids, total suspended	T - See Comments	0	--	Sample							GR - GRAB
					Permit Req.							GR - GRAB
					Value NODI							
00610	Nitrogen, ammonia total [as N]	T - See Comments	1	--	Sample							GR - GRAB
					Permit Req.							GR - GRAB
					Value NODI							
00625	Nitrogen, Kjeldahl, total [as N]	T - See Comments	0	--	Sample							GR - GRAB
					Permit Req.							GR - GRAB
					Value NODI							
00630	Nitrite + Nitrate total [as N]	T - See Comments	0	--	Sample							GR - GRAB
					Permit Req.							GR - GRAB
					Value NODI							
00665	Phosphorus, total [as P]	T - See Comments	0	--	Sample							GR - GRAB
					Permit Req.							GR - GRAB
					Value NODI							
00720	Cyanide, total [as CN]	T - See Comments	0	--	Sample							GR - GRAB
					Permit Req.							GR - GRAB
					Value NODI							
01012	Beryllium, total [as Be]	T - See Comments	0	--	Sample							GR - GRAB
					Permit Req.							GR - GRAB
					Value NODI							
01022	Boron, total [as B]	T - See Comments	0	--	Sample							GR - GRAB
					Permit Req.							GR - GRAB
					Value NODI							
01027	Cadmium, total [as Cd]	T - See Comments	0	--	Sample							GR - GRAB
					Permit Req.							GR - GRAB
					Value NODI							
01032	Chromium, hexavalent [as Cr]	T - See Comments	0	--	Sample							GR - GRAB
					Permit Req.							
					Value NODI							
					Sample							GR - GRAB
					Permit Req.							
					Value NODI							

E-Mail:	kimberly.hanzelka@cns.doe.gov
Date/Time:	2023-10-26 13:04 (Time Zone: -05:00)
Report Last Signed By	
User:	kimberly.hanzelka@cns.doe.gov
Name:	Kimberly Hanzelka
E-Mail:	kimberly.hanzelka@cns.doe.gov
Date/Time:	2023-10-26 13:46 (Time Zone: -05:00)

DMR Copy of Record

Permit #:
Major:

TN0002968
Yes

Permittee:
Permittee Address:

U.S. Department of Energy (DOE) - National Nuclear Security Administration
P.O. Box 2050
Oak Ridge, TN 37831

Facility Location:

US DEPARTMENT OF ENERGY - OAK RIDGE Y-12 NATIONAL SECURITY COMPLEX
301 BEAR CREEK ROADPO BOX 2009, MS 8239, BLDG 91
OAK RIDGE, TN 37830

Permitted Feature:
C03
Receiving Water (Ambient)

Discharge:
C03-Y
Annual Instream Wet Weather Monitoring- East Fork Poplar Creek C03

Report Dates & Status
Monitoring Period:

From 10/01/22 to 09/30/23

DMR Due Date:

10/31/23

Considerations for Form Completion

All values require data entry. If a violation or No Data Indicator (NODI) code is reported, explain in comments. If no discharge, report NODI C. If single grab sample, report result for min and max value. If value is below detection limit, report NODI B and include detection limit in comments.

Principal Executive Officer

First Name:
Last Name:
No Data Indicator (NODI)

Title:
Telephone:

Form NODI:

--

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading			Quality or Concentration			# of Ex. Frequency of Analysis			Sample Type
					Qualifier 1	Value 1	Units	Qualifier 2	Value 2	Qualifier 3	Value 3	Units		
00010	Temperature, water deg. centigrade	T - See Comments	0	--	Sample Permit Req. Value NODI							04 - deg C		GR - GRAB
								=	24.7					GR - GRAB
00400	pH	T - See Comments	0	--	Sample Permit Req. Value NODI							12 - SU		GR - GRAB
								=	8.0					GR - GRAB
								>=	6.0 MINIMUM			12 - SU		GR - GRAB
00530	Solids, total suspended	T - See Comments	0	--	Sample Permit Req. Value NODI							19 - mg/L		GR - GRAB
														GR - GRAB
								<	1.0					
00610	Nitrogen, ammonia total [as N]	T - See Comments	1	--	Sample Permit Req. Value NODI							19 - mg/L		GR - GRAB
								<	0.1					GR - GRAB
								<=	2.02 DAILY MX					
00610	Nitrogen, ammonia total [as N]	T - See Comments	2	--	Sample Permit Req. Value NODI							19 - mg/L		GR - GRAB
								<=	3.84 DAILY MX					
00625	Nitrogen, Kjeldahl, total [as N]	T - See Comments	0	--	Sample Permit Req. Value NODI							19 - mg/L		GR - GRAB
														GR - GRAB
								<	0.5					
00630	Nitrite + Nitrate total [as N]	T - See Comments	0	--	Sample Permit Req. Value NODI							19 - mg/L		GR - GRAB
														GR - GRAB
								=	3.11					
00665	Phosphorus, total [as P]	T - See Comments	0	--	Sample Permit Req. Value NODI							19 - mg/L		GR - GRAB
														GR - GRAB
								=	0.192					
00720	Cyanide, total [as CN]	T - See Comments	0	--	Sample Permit Req. Value NODI							19 - mg/L		GR - GRAB
														GR - GRAB
								<=	0.0032					
01012	Beryllium, total [as Be]	T - See Comments	0	--	Sample Permit Req. Value NODI							19 - mg/L		GR - GRAB
														GR - GRAB
								<	0.0002					
01022	Boron, total [as B]	T - See Comments	0	--	Sample Permit Req. Value NODI							19 - mg/L		GR - GRAB
														GR - GRAB
								<	0.1					
01027	Cadmium, total [as Cd]	T - See Comments	0	--	Sample Permit Req. Value NODI							19 - mg/L		GR - GRAB
														GR - GRAB
								<	0.0002					
								<=	0.0118 DAILY MX					
01032	Chromium, hexavalent [as Cr]	T - See Comments	0	--	Sample Permit Req. Value NODI							19 - mg/L		GR - GRAB
								<=	0.016 DAILY MX					

User:	kimberly.hanzelka@cns.doe.gov
Name:	Kimberly Hanzelka
E-Mail:	kimberly.hanzelka@cns.doe.gov
Date/Time:	2023-10-25 13:49 (Time Zone: -05:00)
Report Last Signed By	
User:	kimberly.hanzelka@cns.doe.gov
Name:	Kimberly Hanzelka
E-Mail:	kimberly.hanzelka@cns.doe.gov
Date/Time:	2023-10-26 13:46 (Time Zone: -05:00)

DMR Copy of Record

Permit #:
Major:

TN0002968
Yes

Permittee:

U.S. Department of Energy (DOE) - National Nuclear Security Administration
P.O. Box 2050
Oak Ridge, TN 37831

Facility:

US DEPARTMENT OF ENERGY - OAK RIDGE Y-12 NATIONAL SECURITY COMPLEX
301 BEAR CREEK ROADPO BOX 2009, MS 8239, BLDG 91
OAK RIDGE
OAK RIDGE, TN 37830

Permitted Feature:

C11
Receiving Water (Ambient)

Discharge:

C11-Y
Annual Instream Wet Weather Monitoring- East Fork Poplar Creek C03

Report Dates & Status

Monitoring Period: From 10/01/22 to 09/30/23
DMR Due Date: 10/31/23

Considerations for Form Completion

All values require data entry. If a violation or No Data Indicator (NODI) code is reported, explain in comments. If no discharge, report NODI C. If single grab sample, report result for min and max value. If value is below detection limit, report NODI B and include detection limit in comments.

Principal Executive Officer

First Name:
Last Name:
No Data Indicator (NODI)
Form NODI:

Title:

--

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading			Quality or Concentration			# of Ex.	Frequency of Analysis	Sample Type		
					Qualifier 1	Value 1	Units	Qualifier 2	Value 2	Qualifier 3				Value 3	Units
00010	Temperature, water deg. centigrade	T - See Comments	0	--	Sample Permit Req. Value NODI								04 - deg C	01YR - Annual	GR - GRAB
					Value NODI								04 - deg C	01YR - Annual	GR - GRAB
00400	pH	T - See Comments	0	--	Sample Permit Req. Value NODI								12 - SU	01YR - Annual	GR - GRAB
					Value NODI								12 - SU	01YR - Annual	GR - GRAB
00530	Solids, total suspended	T - See Comments	0	--	Sample Permit Req. Value NODI								19 - ng/L	01YR - Annual	GR - GRAB
					Value NODI								19 - ng/L	01YR - Annual	GR - GRAB
00610	Nitrogen, ammonia total [as N]	T - See Comments	1	--	Sample Permit Req. Value NODI								19 - ng/L	01YR - Annual	GR - GRAB
					Value NODI								19 - ng/L	01YR - Annual	GR - GRAB
00625	Nitrogen, Kjeldahl, total [as N]	T - See Comments	0	--	Sample Permit Req. Value NODI								19 - ng/L	01YR - Annual	GR - GRAB
					Value NODI								19 - ng/L	01YR - Annual	GR - GRAB
00630	Nitrite + Nitrate total [as N]	T - See Comments	0	--	Sample Permit Req. Value NODI								19 - ng/L	01YR - Annual	GR - GRAB
					Value NODI								19 - ng/L	01YR - Annual	GR - GRAB
00665	Phosphorus, total [as P]	T - See Comments	0	--	Sample Permit Req. Value NODI								19 - ng/L	01YR - Annual	GR - GRAB
					Value NODI								19 - ng/L	01YR - Annual	GR - GRAB
00720	Cyanide, total [as CN]	T - See Comments	0	--	Sample Permit Req. Value NODI								19 - ng/L	01YR - Annual	GR - GRAB
					Value NODI								19 - ng/L	01YR - Annual	GR - GRAB
01012	Beryllium, total [as Be]	T - See Comments	0	--	Sample Permit Req. Value NODI								19 - ng/L	01YR - Annual	GR - GRAB
					Value NODI								19 - ng/L	01YR - Annual	GR - GRAB
01022	Boron, total [as B]	T - See Comments	0	--	Sample Permit Req. Value NODI								19 - ng/L	01YR - Annual	GR - GRAB
					Value NODI								19 - ng/L	01YR - Annual	GR - GRAB
01027	Cadmium, total [as Cd]	T - See Comments	0	--	Sample Permit Req. Value NODI								19 - ng/L	01YR - Annual	GR - GRAB
					Value NODI								19 - ng/L	01YR - Annual	GR - GRAB
01032	Chromium, hexavalent [as Cr]	T - See Comments	0	--	Sample Permit Req. Value NODI								19 - ng/L	01YR - Annual	GR - GRAB
					Value NODI								19 - ng/L	01YR - Annual	GR - GRAB
					Sample Permit Req.								19 - ng/L	01YR - Annual	GR - GRAB

E-Mail:	kimberly.hanzelka@cns.doe.gov
Date/Time:	2023-10-26 13:21 (Time Zone: -05:00)
Report Last Signed By	
User:	kimberly.hanzelka@cns.doe.gov
Name:	Kimberly Hanzelka
E-Mail:	kimberly.hanzelka@cns.doe.gov
Date/Time:	2023-10-26 13:46 (Time Zone: -05:00)

DMR Copy of Record

Permit #:
Major:

TN0002968
Yes

Permittee:
Permittee Address:

U.S. Department of Energy (DOE) - National Nuclear Security Administration
P.O. Box 2050
Oak Ridge, TN 37831

Facility:

US DEPARTMENT OF ENERGY - OAK RIDGE Y-12 NATIONAL SECURITY COMPLEX
301 BEAR CREEK ROADPO BOX 2009, MS 8239, BLDG 91
OAK RIDGE, TN 37830

Permitted Feature:

Discharge:

Permit #:

Permit Due Date:

EFP
Receiving Water (Ambient)

EFP-Y
Annual Instream Wet Weather Monitoring- East Fork Poplar Creek Station 17

10/31/23

10/31/23

Report Dates & Status

Monitoring Period:

DMR Due Date:

From 10/01/22 to 09/30/23

10/31/23

Considerations for Form Completion

All values require data entry. If a violation or No Data Indicator (NODI) code is reported, explain in comments. If no discharge, report NODI C. If single grab sample, report result for min and max value. If value is below detection limit, report NODI B and include detection limit in comments.

Principal Executive Officer

First Name:

Last Name:

No Data Indicator (NODI)

Form NODI:

Title:

Telephone:

Code	Parameter Name	Season #	Param. NODI	Monitoring Location		Quantity or Loading		Quality or Concentration		# of Ex. Frequency of Analysis		Sample Type	
				Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 1	Value 1	Qualifier 2	Value 3	Units	
00010	Temperature, water deg. centigrade	0	--	Sample		Permit Req.						04 - deg C	GR - GRAB
				Value NODI								04 - deg C	GR - GRAB
00400	pH	0	--	Sample		Permit Req.						12 - SU	GR - GRAB
				Value NODI								12 - SU	GR - GRAB
00530	Solids, total suspended	0	--	Sample		Permit Req.						19 - mg/L	GR - GRAB
				Value NODI								19 - mg/L	GR - GRAB
00610	Nitrogen, ammonia total [as N]	1	--	Sample		Permit Req.						19 - mg/L	GR - GRAB
				Value NODI								19 - mg/L	GR - GRAB
00610	Nitrogen, ammonia total [as N]	2	--	Sample		Permit Req.						19 - mg/L	GR - GRAB
				Value NODI								19 - mg/L	GR - GRAB
00625	Nitrogen, Kjeldahl, total [as N]	0	--	Sample		Permit Req.						19 - mg/L	GR - GRAB
				Value NODI								19 - mg/L	GR - GRAB
00630	Nitrite + Nitrate total [as N]	0	--	Sample		Permit Req.						19 - mg/L	GR - GRAB
				Value NODI								19 - mg/L	GR - GRAB
00665	Phosphorus, total [as P]	0	--	Sample		Permit Req.						19 - mg/L	GR - GRAB
				Value NODI								19 - mg/L	GR - GRAB
00720	Cyanide, total [as CN]	0	--	Sample		Permit Req.						19 - mg/L	GR - GRAB
				Value NODI								19 - mg/L	GR - GRAB
01012	Beryllium, total [as Be]	0	--	Sample		Permit Req.						19 - mg/L	GR - GRAB
				Value NODI								19 - mg/L	GR - GRAB
01022	Boron, total [as B]	0	--	Sample		Permit Req.						19 - mg/L	GR - GRAB
				Value NODI								19 - mg/L	GR - GRAB
01027	Cadmium, total [as Cd]	0	--	Sample		Permit Req.						19 - mg/L	GR - GRAB
				Value NODI								19 - mg/L	GR - GRAB
01032	Chromium, hexavalent [as Cr]	0	--	Sample		Permit Req.						19 - mg/L	GR - GRAB

User:	kimberly.hanzelka@cns.doe.gov
Name:	Kimberly Hanzelka
E-Mail:	kimberly.hanzelka@cns.doe.gov
Date/Time:	2023-10-26 13:27 (Time Zone: -05:00)
Report Last Signed By	
User:	kimberly.hanzelka@cns.doe.gov
Name:	Kimberly Hanzelka
E-Mail:	kimberly.hanzelka@cns.doe.gov
Date/Time:	2023-10-26 13:46 (Time Zone: -05:00)

Permit		TN0002968		U.S. Department of Energy (DOE) - National Nuclear Security Administration		Facility:		US DEPARTMENT OF ENERGY - OAK RIDGE Y-12 NATIONAL SECURITY COMPLEX																	
Permit #: TN0002968		Yes		P.O. Box 2050 Oak Ridge, TN 37831		Facility Location:		301 BEAR CREEK ROADPO BOX 2009, MS 8239, BLDG 91 OAK RIDGE OAK RIDGE, TN 37830																	
Major:																									
Permitted Feature:		S06 Receiving Water (Ambient)		Discharge:		S06-Y Annual Instream Wet Weather Monitoring- Bear Creek S06																			
Report Dates & Status																									
Monitoring Period: From 10/01/22 to 09/30/23		DMR Due Date: 10/31/23				Status:		NetDMR Validated																	
Considerations for Form Completion																									
Monitoring Location T= Wet Weather Monitoring. If no discharge, report NODI C. If a violation or No Data Indicator (NODI) code is reported, explain in comments. If value is below detection limit, report NODI B and include detection limit in comments.																									
Principal Executive Officer																									
First Name:		Title:																							
Last Name:																									
No Data Indicator (NODI)																									
Form NODI:		--																							
Code		Parameter Name		Monitoring Location		Season # Param. NODI		Quantity or Loading		Qualifier 1		Qualifier 2		Value 1		Value 2		Value 3		Units		# of Ex. Frequency of Analysis Sample Type			
00010		Temperature, water deg. centigrade		T - See Comments		0 --		Sample Permit Req. Value NODI												20.8 30.5 DAILY MX		04 - deg C 04 - deg C		01/YR - Annual 01/YR - Annual GR - GRAB GR - GRAB	
00400		pH		T - See Comments		0 --		Sample Permit Req. Value NODI		= 7.78 >= 6.0 MINIMUM								7.76 9.0 MAXIMUM		12 - SU 12 - SU		01/YR - Annual 01/YR - Annual GR - GRAB GR - GRAB			
00530		Solids, total suspended		T - See Comments		0 --		Sample Permit Req. Value NODI										1.0 Req Mon DAILY MX		19 - mg/L 19 - mg/L		01/YR - Annual 01/YR - Annual GR - GRAB GR - GRAB			
00510		Nitrogen, ammonia total [as N]		T - See Comments		1 --		Sample Permit Req. Value NODI										0.1 2.02 DAILY MX		19 - mg/L 19 - mg/L		01/YR - Annual 01/YR - Annual GR - GRAB GR - GRAB			
00625		Nitrogen, Kjeldahl, total [as N]		T - See Comments		0 --		Sample Permit Req. Value NODI										0.5 Req Mon DAILY MX		19 - mg/L 19 - mg/L		01/YR - Annual 01/YR - Annual GR - GRAB GR - GRAB			
00630		Nitrite + Nitrate total [as N]		T - See Comments		0 --		Sample Permit Req. Value NODI										30.6 Req Mon DAILY MX		19 - mg/L 19 - mg/L		01/YR - Annual 01/YR - Annual GR - GRAB GR - GRAB			
00665		Phosphorus, total [as P]		T - See Comments		0 --		Sample Permit Req. Value NODI										0.1 Req Mon DAILY MX		19 - mg/L 19 - mg/L		01/YR - Annual 01/YR - Annual GR - GRAB GR - GRAB			
00720		Cyanide, total [as CN]		T - See Comments		0 --		Sample Permit Req. Value NODI										0.0048 0.022 DAILY MX		19 - mg/L 19 - mg/L		01/YR - Annual 01/YR - Annual GR - GRAB GR - GRAB			
01012		Beryllium, total [as Be]		T - See Comments		0 --		Sample Permit Req. Value NODI										0.0002 Req Mon DAILY MX		19 - mg/L 19 - mg/L		01/YR - Annual 01/YR - Annual GR - GRAB GR - GRAB			
01022		Boron, total [as B]		T - See Comments		0 --		Sample Permit Req. Value NODI										0.102 Req Mon DAILY MX		19 - mg/L 19 - mg/L		01/YR - Annual 01/YR - Annual GR - GRAB GR - GRAB			
01027		Cadmium, total [as Cd]		T - See Comments		0 --		Sample Permit Req. Value NODI										0.00037 0.0188 DAILY MX		19 - mg/L 19 - mg/L		01/YR - Annual 01/YR - Annual GR - GRAB GR - GRAB			
01032		Chromium, hexavalent [as Cr]		T - See Comments		0 --		Sample Permit Req. Value NODI										0.016 DAILY MX A - General Permit Exemption		19 - mg/L		01/YR - Annual GR - GRAB			
01033		Chromium, trivalent [as Cr]		T - See Comments		0 --		Sample Permit Req. Value NODI										8.585 DAILY MX		19 - mg/L		01/YR - Annual GR - GRAB			

User: kimberly.hanzelka@cns.doe.gov
Name: Kimberly Hanzelka
E-Mail: kimberly.hanzelka@cns.doe.gov
Date/Time: 2023-10-26 13:46 (Time Zone: -05:00)

DMR Copy of Record

Permit #:
Major:

TN0002968
Yes

Permittee:

U.S. Department of Energy (DOE) - National Nuclear Security Administration

Permittee Address:

P.O. Box 2050
Oak Ridge, TN 37831

Facility:

US DEPARTMENT OF ENERGY - OAK RIDGE Y-12 NATIONAL SECURITY COMPLEX
OAK RIDGE
301 BEAR CREEK ROADPO BOX 2009, MS 8239, BLDG 91
OAK RIDGE, TN 37830

Permitted Feature: S19
Receiving Water (Ambient)

Discharge:

S19-Y
Annual reporting for Instream Monitoring Station- Unnamed Tributary of Clinch River S19

Report Dates & Status

Monitoring Period: From 10/01/22 to 09/30/23

DMR Due Date: 10/31/23

Considerations for Form Completion

All values require data entry. If a violation or No Data Indicator (NODI) code is reported, explain in comments. If no discharge, report NODI C. If single grab sample, report result for min and max value. If value is below detection limit, report NODI B and include detection limit in comments.

Principal Executive Officer

First Name:

Last Name:

No Data Indicator (NODI)

Form NODI: --

Title:

Telephone:

Code	Parameter Name	Monitoring Location	Season # Param. NODI	Qualifier 1		Qualifier 2		Qualifier 3		Qualifier 4		Qualifier 5		Qualifier 6		Qualifier 7		Qualifier 8		Qualifier 9		Qualifier 10		Qualifier 11		Qualifier 12		Qualifier 13		Qualifier 14		Qualifier 15		Qualifier 16		Qualifier 17		Qualifier 18		Qualifier 19		Qualifier 20		Qualifier 21		Qualifier 22		Qualifier 23		Qualifier 24		Qualifier 25		Qualifier 26		Qualifier 27		Qualifier 28		Qualifier 29		Qualifier 30		Qualifier 31		Qualifier 32		Qualifier 33		Qualifier 34		Qualifier 35		Qualifier 36		Qualifier 37		Qualifier 38		Qualifier 39		Qualifier 40		Qualifier 41		Qualifier 42		Qualifier 43		Qualifier 44		Qualifier 45		Qualifier 46		Qualifier 47		Qualifier 48		Qualifier 49		Qualifier 50		Qualifier 51		Qualifier 52		Qualifier 53		Qualifier 54		Qualifier 55		Qualifier 56		Qualifier 57		Qualifier 58		Qualifier 59		Qualifier 60		Qualifier 61		Qualifier 62		Qualifier 63		Qualifier 64		Qualifier 65		Qualifier 66		Qualifier 67		Qualifier 68		Qualifier 69		Qualifier 70		Qualifier 71		Qualifier 72		Qualifier 73		Qualifier 74		Qualifier 75		Qualifier 76		Qualifier 77		Qualifier 78		Qualifier 79		Qualifier 80		Qualifier 81		Qualifier 82		Qualifier 83		Qualifier 84		Qualifier 85		Qualifier 86		Qualifier 87		Qualifier 88		Qualifier 89		Qualifier 90		Qualifier 91		Qualifier 92		Qualifier 93		Qualifier 94		Qualifier 95		Qualifier 96		Qualifier 97		Qualifier 98		Qualifier 99		Qualifier 100		Qualifier 101		Qualifier 102		Qualifier 103		Qualifier 104		Qualifier 105		Qualifier 106		Qualifier 107		Qualifier 108		Qualifier 109		Qualifier 110		Qualifier 111		Qualifier 112		Qualifier 113		Qualifier 114		Qualifier 115		Qualifier 116		Qualifier 117		Qualifier 118		Qualifier 119		Qualifier 120		Qualifier 121		Qualifier 122		Qualifier 123		Qualifier 124		Qualifier 125		Qualifier 126		Qualifier 127		Qualifier 128		Qualifier 129		Qualifier 130		Qualifier 131		Qualifier 132		Qualifier 133		Qualifier 134		Qualifier 135		Qualifier 136		Qualifier 137		Qualifier 138		Qualifier 139		Qualifier 140		Qualifier 141		Qualifier 142		Qualifier 143		Qualifier 144		Qualifier 145		Qualifier 146		Qualifier 147		Qualifier 148		Qualifier 149		Qualifier 150		Qualifier 151		Qualifier 152		Qualifier 153		Qualifier 154		Qualifier 155		Qualifier 156		Qualifier 157		Qualifier 158		Qualifier 159		Qualifier 160		Qualifier 161		Qualifier 162		Qualifier 163		Qualifier 164		Qualifier 165		Qualifier 166		Qualifier 167		Qualifier 168		Qualifier 169		Qualifier 170		Qualifier 171		Qualifier 172		Qualifier 173		Qualifier 174		Qualifier 175		Qualifier 176		Qualifier 177		Qualifier 178		Qualifier 179		Qualifier 180		Qualifier 181		Qualifier 182		Qualifier 183		Qualifier 184		Qualifier 185		Qualifier 186		Qualifier 187		Qualifier 188		Qualifier 189		Qualifier 190		Qualifier 191		Qualifier 192		Qualifier 193		Qualifier 194		Qualifier 195		Qualifier 196		Qualifier 197		Qualifier 198		Qualifier 199		Qualifier 200		Qualifier 201		Qualifier 202		Qualifier 203		Qualifier 204		Qualifier 205		Qualifier 206		Qualifier 207		Qualifier 208		Qualifier 209		Qualifier 210		Qualifier 211		Qualifier 212		Qualifier 213		Qualifier 214		Qualifier 215		Qualifier 216		Qualifier 217		Qualifier 218		Qualifier 219		Qualifier 220		Qualifier 221		Qualifier 222		Qualifier 223		Qualifier 224		Qualifier 225		Qualifier 226		Qualifier 227		Qualifier 228		Qualifier 229		Qualifier 230		Qualifier 231		Qualifier 232		Qualifier 233		Qualifier 234		Qualifier 235		Qualifier 236		Qualifier 237		Qualifier 238		Qualifier 239		Qualifier 240		Qualifier 241		Qualifier 242		Qualifier 243		Qualifier 244		Qualifier 245		Qualifier 246		Qualifier 247		Qualifier 248		Qualifier 249		Qualifier 250		Qualifier 251		Qualifier 252		Qualifier 253		Qualifier 254		Qualifier 255		Qualifier 256		Qualifier 257		Qualifier 258		Qualifier 259		Qualifier 260		Qualifier 261		Qualifier 262		Qualifier 263		Qualifier 264		Qualifier 265		Qualifier 266		Qualifier 267		Qualifier 268		Qualifier 269		Qualifier 270		Qualifier 271		Qualifier 272		Qualifier 273		Qualifier 274		Qualifier 275		Qualifier 276		Qualifier 277		Qualifier 278		Qualifier 279		Qualifier 280		Qualifier 281		Qualifier 282		Qualifier 283		Qualifier 284		Qualifier 285		Qualifier 286		Qualifier 287		Qualifier 288		Qualifier 289		Qualifier 290		Qualifier 291		Qualifier 292		Qualifier 293		Qualifier 294		Qualifier 295		Qualifier 296		Qualifier 297		Qualifier 298		Qualifier 299		Qualifier 300		Qualifier 301		Qualifier 302		Qualifier 303		Qualifier 304		Qualifier 305		Qualifier 306		Qualifier 307		Qualifier 308		Qualifier 309		Qualifier 310		Qualifier 311		Qualifier 312		Qualifier 313		Qualifier 314		Qualifier 315		Qualifier 316		Qualifier 317		Qualifier 318		Qualifier 319		Qualifier 320		Qualifier 321		Qualifier 322		Qualifier 323		Qualifier 324		Qualifier 325		Qualifier 326		Qualifier 327		Qualifier 328		Qualifier 329		Qualifier 330		Qualifier 331		Qualifier 332		Qualifier 333		Qualifier 334		Qualifier 335		Qualifier 336		Qualifier 337		Qualifier 338		Qualifier 339		Qualifier 340		Qualifier 341		Qualifier 342		Qualifier 343		Qualifier 344		Qualifier 345		Qualifier 346		Qualifier 347		Qualifier 348		Qualifier 349		Qualifier 350		Qualifier 351		Qualifier 352		Qualifier 353		Qualifier 354		Qualifier 355		Qualifier 356		Qualifier 357		Qualifier 358		Qualifier 359		Qualifier 360		Qualifier 361		Qualifier 362		Qualifier 363		Qualifier 364		Qualifier 365		Qualifier 366		Qualifier 367		Qualifier 368		Qualifier 369		Qualifier 370		Qualifier 371		Qualifier 372		Qualifier 373		Qualifier 374		Qualifier 375		Qualifier 376		Qualifier 377		Qualifier 378		Qualifier 379		Qualifier 380		Qualifier 381		Qualifier 382		Qualifier 383		Qualifier 384		Qualifier 385		Qualifier 386		Qualifier 387		Qualifier 388		Qualifier 389		Qualifier 390		Qualifier 391		Qualifier 392		Qualifier 393		Qualifier 394		Qualifier 395		Qualifier 396		Qualifier 397		Qualifier 398		Qualifier 399		Qualifier 400		Qualifier 401		Qualifier 402		Qualifier 403		Qualifier 404		Qualifier 405		Qualifier 406		Qualifier 407		Qualifier 408		Qualifier 409		Qualifier 410		Qualifier 411		Qualifier 412		Qualifier 413		Qualifier 414		Qualifier 415		Qualifier 416		Qualifier 417		Qualifier 418		Qualifier 419		Qualifier 420		Qualifier 421		Qualifier 422		Qualifier 423		Qualifier 424		Qualifier 425
------	----------------	---------------------	----------------------	-------------	--	-------------	--	-------------	--	-------------	--	-------------	--	-------------	--	-------------	--	-------------	--	-------------	--	--------------	--	--------------	--	--------------	--	--------------	--	--------------	--	--------------	--	--------------	--	--------------	--	--------------	--	--------------	--	--------------	--	--------------	--	--------------	--	--------------	--	--------------	--	--------------	--	--------------	--	--------------	--	--------------	--	--------------	--	--------------	--	--------------	--	--------------	--	--------------	--	--------------	--	--------------	--	--------------	--	--------------	--	--------------	--	--------------	--	--------------	--	--------------	--	--------------	--	--------------	--	--------------	--	--------------	--	--------------	--	--------------	--	--------------	--	--------------	--	--------------	--	--------------	--	--------------	--	--------------	--	--------------	--	--------------	--	--------------	--	--------------	--	--------------	--	--------------	--	--------------	--	--------------	--	--------------	--	--------------	--	--------------	--	--------------	--	--------------	--	--------------	--	--------------	--	--------------	--	--------------	--	--------------	--	--------------	--	--------------	--	--------------	--	--------------	--	--------------	--	--------------	--	--------------	--	--------------	--	--------------	--	--------------	--	--------------	--	--------------	--	--------------	--	--------------	--	--------------	--	--------------	--	--------------	--	--------------	--	--------------	--	--------------	--	--------------	--	--------------	--	--------------	--	--------------	--	--------------	--	--------------	--	--------------	--	--------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------

User:
Name:
E-Mail:
Date/Time:

kimberly.hanzeika@cns.doe.gov
Kimberly Hanzeika
kimberly.hanzeika@cns.doe.gov
2023-10-26 13:46 (Time Zone: -05:00)

DMR Copy of Record

Permit #:
Major:

TN0002968
Yes

Permittee:

U.S. Department of Energy (DOE) - National Nuclear Security Administration

Permittee Address:

P.O. Box 2050
Oak Ridge, TN 37831

Facility:

US DEPARTMENT OF ENERGY - OAK RIDGE Y-12 NATIONAL SECURITY COMPLEX
301 BEAR CREEK ROADPO BOX 2009, MS 8239, BLDG 91
OAK RIDGE, TN 37830

Permitted Feature:

S24
Receiving Water (Ambient)

Discharge:

S24-Y
Annual Instream Wet Weather Monitoring- Bear Creek S24

Report Dates & Status

Monitoring Period: From 10/01/22 to 09/30/23

DMR Due Date: 10/31/23

Considerations for Form Completion

Monitoring Location T= Wet Weather Monitoring. If no discharge, report NODI C. If a violation or No Data Indicator (NODI) code is reported, explain in comments. If value is below detection limit, report NODI B and include detection limit in comments.

Principal Executive Officer

First Name:

Last Name:

No Data Indicator (NODI)

Form NODI: --

Title:

Telephone:

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Qualifier 1 Value 1	Qualifier 2 Value 2	Units	Qualifier 1 Value 1	Qualifier 2 Value 2	Qualifier 3 Value 3	Quality or Concentration	Value 3	Units	# of Ex.	Frequency of Analysis	Sample Type
00010	Temperature, water deg. centigrade	T - See Comments	0	--	Sample Permit Req. Value NODI						= 21.1	04 - deg C	04 - deg C		01YR - Annual	GR - GRAB
											<= 30.5 DAILY MX				01YR - Annual	GR - GRAB
00400	pH	T - See Comments	0	--	Sample Permit Req. Value NODI			= 8.01			= 8.01	12 - SU	12 - SU		01YR - Annual	GR - GRAB
								>= 6.0 MINIMUM			<= 9.0 MAXIMUM		12 - SU		01YR - Annual	GR - GRAB
00530	Solids, total suspended	T - See Comments	0	--	Sample Permit Req. Value NODI						= 4.0	19 - ng/L	19 - ng/L		01YR - Annual	GR - GRAB
											Req Mon DAILY MX				01YR - Annual	GR - GRAB
00610	Nitrogen, ammonia total [as N]	T - See Comments	1	--	Sample Permit Req. Value NODI						< 0.1	19 - ng/L	19 - ng/L		01YR - Annual	GR - GRAB
											<= 2.02 DAILY MX				01YR - Annual	GR - GRAB
00625	Nitrogen, Kjeldahl, total [as N]	T - See Comments	0	--	Sample Permit Req. Value NODI						= 0.503	19 - ng/L	19 - ng/L		01YR - Annual	GR - GRAB
											Req Mon DAILY MX				01YR - Annual	GR - GRAB
00630	Nitrite + Nitrate total [as N]	T - See Comments	0	--	Sample Permit Req. Value NODI						= 1.64	19 - ng/L	19 - ng/L		01YR - Annual	GR - GRAB
											Req Mon DAILY MX				01YR - Annual	GR - GRAB
00665	Phosphorus, total [as P]	T - See Comments	0	--	Sample Permit Req. Value NODI						< 0.1	19 - ng/L	19 - ng/L		01YR - Annual	GR - GRAB
											Req Mon DAILY MX				01YR - Annual	GR - GRAB
00720	Cyanide, total [as CN]	T - See Comments	0	--	Sample Permit Req. Value NODI						= 0.0029	19 - ng/L	19 - ng/L		01YR - Annual	GR - GRAB
											<= 0.022 DAILY MX				01YR - Annual	GR - GRAB
01012	Beryllium, total [as Be]	T - See Comments	0	--	Sample Permit Req. Value NODI						< 0.0002	19 - ng/L	19 - ng/L		01YR - Annual	GR - GRAB
											Req Mon DAILY MX				01YR - Annual	GR - GRAB
01022	Boron, total [as B]	T - See Comments	0	--	Sample Permit Req. Value NODI						= 0.131	19 - ng/L	19 - ng/L		01YR - Annual	GR - GRAB
											Req Mon DAILY MX				01YR - Annual	GR - GRAB
01027	Cadmium, total [as Cd]	T - See Comments	0	--	Sample Permit Req. Value NODI						< 0.0002	19 - ng/L	19 - ng/L		01YR - Annual	GR - GRAB
											<= 0.0188 DAILY MX				01YR - Annual	GR - GRAB
01032	Chromium, hexavalent [as Cr]	T - See Comments	0	--	Sample Permit Req. Value NODI						<= 0.016 DAILY MX	19 - ng/L	19 - ng/L		01YR - Annual	GR - GRAB
											A - General Permit Exemption					
01033	Chromium, trivalent [as Cr]	T - See Comments	0	--	Sample Permit Req. Value NODI						<= 6.585 DAILY MX	19 - ng/L	19 - ng/L		01YR - Annual	GR - GRAB

User: kimberly.hanzelka@cns.doe.gov
Name: Kimberly Hanzelka
E-Mail: kimberly.hanzelka@cns.doe.gov
Date/Time: 2023-10-26 13:46 (Time Zone: -05:00)

DMR Copy of Record

Permit
Permit #: TN0002968
Major: Yes

Permittee: U.S. Department of Energy (DOE) - National Nuclear Security Administration
Permittee Address: P.O. Box 2050
Oak Ridge, TN 37831

Facility: US DEPARTMENT OF ENERGY - OAK RIDGE Y-12 NATIONAL SECURITY COMPLEX
Facility Location: 301 BEAR CREEK ROADPO BOX 2009, MS 8239, BLDG 91
OAK RIDGE
OAK RIDGE, TN 37830

Permitted Feature: S30
External Outfall

Discharge: S30-Y
Annual stormwater monitoring for Outfall S30 to Bear Creek

Report Dates & Status

Monitoring Period: From 10/01/22 to 09/30/23 | DMR Due Date: 10/31/23

Status: NetDMR Validated

Considerations for Form Completion

All values require data entry. If a violation or No Data Indicator (NODI) code is reported, explain in comments. If no discharge, report NODI C. If single grab sample, report result for min and max value. If value is below detection limit, report NODI B and include detection limit in comments.

Principal Executive Officer

First Name: | Title:

Last Name: | Telephone:

No Data Indicator (NODI)

Form NODI: --

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading			Quality or Concentration			# of Ex. Frequency of Analysis Sample Type					
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample									1.0	Req Mon DAILY MX	19 - mg/L
					Permit Req.											19 - mg/L
					Value NODI											GR - GRAB
00980	Iron, total recoverable	1 - Effluent Gross	0	--	Sample									2.2	Req Mon DAILY MX	19 - mg/L
					Permit Req.											19 - mg/L
					Value NODI											GR - GRAB
01090	Zinc, dissolved [as Zn]	1 - Effluent Gross	0	--	Sample									0.00988	Req Mon DAILY MX	19 - mg/L
					Permit Req.											19 - mg/L
					Value NODI											GR - GRAB
01105	Aluminum, total [as Al]	1 - Effluent Gross	0	--	Sample									2.6	Req Mon DAILY MX	19 - mg/L
					Permit Req.											19 - mg/L
					Value NODI											GR - GRAB
01114	Lead, total recoverable	1 - Effluent Gross	0	--	Sample									0.0069	Req Mon DAILY MX	19 - mg/L
					Permit Req.											19 - mg/L
					Value NODI											GR - GRAB
01119	Copper, total recoverable	1 - Effluent Gross	0	--	Sample									0.00483	Req Mon DAILY MX	19 - mg/L
					Permit Req.											19 - mg/L
					Value NODI											GR - GRAB
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample									0.648	Req Mon DAILY MX	03 - MGD
					Permit Req.											03 - MGD
					Value NODI											ES - ESTIMA
81017	Chemical Oxygen Demand [COD]	1 - Effluent Gross	0	--	Sample									18.0	Req Mon DAILY MX	19 - mg/L
					Permit Req.											19 - mg/L
					Value NODI											GR - GRAB

Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

No errors.

Comments

Attachments

No attachments.

Report Last Saved By

U.S. Department of Energy (DOE) - National Nuclear Security Administration

User: kimberly.hanzelka@cms.doe.gov

Name: Kimberly Hanzelka

E-Mail: kimberly.hanzelka@cns.doe.gov
Date/Time: 2023-10-25 15:03 (Time Zone: -05:00)

Report Last Signed By

User: kimberly.hanzelka@cns.doe.gov
Name: Kimberly Hanzelka
E-Mail: kimberly.hanzelka@cns.doe.gov
Date/Time: 2023-10-26 13:46 (Time Zone: -05:00)

Water Quality Alert / Benchmark Monitoring
EFPC and Unnamed Tributaries to Clinch River

PARAMETER	MONTHLY AVERAGE (UG/L)	DAILY MAXIMUM (UG/L)	METHOD	DETECTION LIMIT (UG/L)
Copper	40.7	64.1	EPA 200.8	0.000002
Chromium III	568.6	4371.2	Under Appeal	
Chromium VI	11	16	Under Appeal	
Nickel	189.4	1705.2	EPA 200.8	0.000002
Cadmium	4.3	11.8	EPA 200.8	0.0000002
Lead	24.4	626.5	EPA 200.8	0.000001
Silver	N/A	8.1	EPA 200.8	0.0000002
Zinc	646.3	641.1	EPA 200.8	0.000002
Cyanide	5.2	22	EPA 335.2	0.0000025
Antimony	29376	58752	EPA 200.8	0.000001
Arsenic	150	340	EPA 200.8	0.0000005
Selenium	3.1	20	EPA 200.8	0.000001
Thallium	21.573	43	EPA 200.8	0.0000002

Water Quality Alert / Benchmark Monitoring
Bear Creek

PARAMETER	MONTHLY AVERAGE (UG/L)	DAILY MAXIMUM (UG/L)	METHOD	DETECTION LIMIT (UG/L)
Copper	62.5	102.7	EPA 200.8	0.000002
Chromium III	856.5	6584.6	Under Appeal	
Chromium VI	11	16	Under Appeal	
Nickel	289.2	2603.6	EPA 200.8	0.000002
Cadmium	6.2	18.8	EPA 200.8	0.0000002
Lead	41.4	1063.3	EPA 200.8	0.000001
Silver	N/A	19.1	EPA 200.8	0.0000002
Zinc	987.4	979.4	EPA 200.8	0.000002
Cyanide	5.2	22	EPA 335.2	0.0000025
Antimony	29376	58752	Not required	
Arsenic	150	340	Not required	
Selenium	3.1	20	EPA 335.2	0.000001
Thallium	21.573	43.146	Not required	