

NCDEQ Division of Energy, Mineral and Land Resources

**Stormwater Discharge Monitoring Report (DMR) Form for NCG020000
Active and Inactive Mining Sites**

[Click here for instructions](#)

Complete, sign, scan and submit the DMR via the [Stormwater NPDES Permit Data Monitoring Report \(DMR\) Upload form](#). Mail the original, signed hard copy of the DMR to the [appropriate DEMLR Regional Office](#).

Certificate of Coverage No. NCG02	Person Collecting Samples:
Facility Name:	Laboratory Name:
Facility County:	Laboratory Cert. No.:
Discharge during this period: <input type="checkbox"/> Yes <input type="checkbox"/> No (if no, skip to signature and date)	
Has your facility implemented mandatory Tier response actions <u>this sample period</u> for any benchmark exceedances? <input type="checkbox"/> Yes <input type="checkbox"/> No If so, which Tier (I, II, or III)?	
A copy of this DMR has been uploaded electronically via https://edocs.deq.nc.gov/Forms/SW-DMR <input type="checkbox"/> Yes <input type="checkbox"/> No	
Date Uploaded:	

Analytical Monitoring Requirements for Outfalls with Industrial Activities – Benchmarks in (Red)

Parameter Code	Parameter	Outfall	Outfall	Outfall	Outfall	Outfall
N/A	Receiving Stream Class					
N/A	Date Sample Collected MM/DD/YYYY					
46529	24-Hour Rainfall in inches					
00545	Settleable Solids (SS) (0.1 mg/l)					
CO530	TSS in mg/L (100 or 50*)					
00070	Turbidity of discharge**					
-	Turbidity downstream of discharge**					
-	Turbidity upstream of discharge**					
Additional parameters for outfalls in drainage areas that use >55 gallons per month of new hydraulic oil on average						
NCOIL	Estimated New Motor/Hydraulic Oil Usage in gal/month					
00552	Non-Polar Oil & Grease in mg/L (15)					
Additional parameters for Clay Mines						
01105	Aluminum, total in mg/L (0.75 FW, 0.24 SW)					
01092	Zinc, total (as Zn) in mg/L (0.126 FW, 0.095 SW)					
00951	Fluoride, total in mg/L (6.0)					
00900	Hardness, total					
00400	pH, in standard units (6.0-9.0 FW, 6.8-8.5 SW)					
01097	Antimony, total in mg/L (0.34 FW, N/A SW)					
01002	Arsenic, total in mg/L (0.15 FW, 0.069 SW)					
CO034	Chromium III in mg/L (0.905 FW, N/A SW)					
Additional parameters for Feldspar Ore Mines						
01105	Aluminum, total in mg/L (0.75 FW, 0.24 SW)					
01092	Zinc, total (as Zn) in mg/L (0.126 FW, 0.095 SW)					

00951	Fluoride, total in mg/L (6.0)					
Additional parameters for Lithium Ore Mines						
01105	Aluminum, total in mg/L (0.75 FW, 0.24 SW)					
00951	Fluoride, total in mg/L (6.0)					
Additional parameters for Phosphate Mines						
00951	Fluoride, total in mg/L (6.0)					
39344	Alpha, Gross Particle Activity					
Additional parameters for Industrial Sand Mines						
00951	Fluoride, total in mg/L (6.0)					
CO0334	Chromium III in mg/L (0.905 FW, N/A SW)					
39344	Alpha, Gross Particle Activity					

*** Outfalls to Outstanding Resource Waters (ORW), High Quality Waters (HQW), Trout Waters (Tr) and Primary Nursery Areas (PNA) have a benchmark TSS limit of 50 mg/L. All other water classifications have a benchmark of 100 mg/L**

**** See F-5 of the NCG020000 General Permit for turbidity requirements.**

FW (Freshwater) SW (Saltwater)

Notes (optional):

"I certify by my signature below, under penalty of law, that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fines and imprisonment for knowing violations."

Signature of Permittee or Delegated Authorized Individual

Date

Email Address

Phone Number