

NCDEQ Division of Energy, Mineral and Land Resources

**Wastewater 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](#) within 30 days of receiving sampling results. 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 <i>(if no, skip to signature and date)</i>	
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 – Monthly Average Effluent Limits in (Blue), Daily Maximum Effluent Limits in (Red)

Parameter Code	Parameter	Outfall		Outfall		Outfall		Outfall		Outfall	
N/A	Receiving Stream Class										
N/A	Date Sample Collected MM/DD/YYYY										
00400	pH (6.0-9.0 FW, 6.8-8.5 SW)										
CO530	TSS in mg/L (25, 20, or 10 ^a) (45, 30, 15 ^a)	Avg	Daily	Avg	Daily	Avg	Daily	Avg	Daily	Avg	Daily
00070	Turbidity of discharge ^b										
-	Turbidity downstream of discharge ^b										
-	Turbidity upstream of discharge ^b										
00545	Settleable Solids in mg/L (0.1), (0.2) ^c	Avg	Daily	Avg	Daily	Avg	Daily	Avg	Daily	Avg	Daily
31616	Fecal Coliform ^d										
61211	Enterococcus ^e										
-	Daily Flow Rate in cfs (50% of 7Q10)										
Additional parameters for Clay Mines											
01105	Aluminum, total in mg/L (0.30 FW, 0.24 SW) (0.75 FW, 0.24 SW)	Avg	Daily	Avg	Daily	Avg	Daily	Avg	Daily	Avg	Daily
01092	Zinc, total (as Zn) in mg/L (0.126 FW, 0.095 SW) (0.126 FW, 0.095 SW)	Avg	Daily	Avg	Daily	Avg	Daily	Avg	Daily	Avg	Daily
00951	Fluoride, total in mg/L (6.0) (6.0)	Avg	Daily	Avg	Daily	Avg	Daily	Avg	Daily	Avg	Daily
00900	Hardness, total										
01097	Antimony, total in mg/L (0.34 FW, n/a SW) (0.34 FW, n/a SW)	Avg	Daily	Avg	Daily	Avg	Daily	Avg	Daily	Avg	Daily
01002	Arsenic, total in mg/L (0.15 FW, 0.069 SW) (0.15 FW, 0.069 SW)	Avg	Daily	Avg	Daily	Avg	Daily	Avg	Daily	Avg	Daily
CO034	Chromium III in mg/L (0.117 FW, n/a SW) (0.905 FW, n/a SW)	Avg	Daily	Avg	Daily	Avg	Daily	Avg	Daily	Avg	Daily
Additional parameters for Feldspar Ore Mines											
01105	Aluminum, total in mg/L (0.30 FW, 0.24 SW) (0.75 FW, 0.24 SW)	Avg	Daily	Avg	Daily	Avg	Daily	Avg	Daily	Avg	Daily
01092	Zinc, total (as Zn) in mg/L (0.126 FW, 0.095 SW) (0.126 FW, 0.095 SW)	Avg	Daily	Avg	Daily	Avg	Daily	Avg	Daily	Avg	Daily
00951	Fluoride, total in mg/L (6.0) (6.0)	Avg	Daily	Avg	Daily	Avg	Daily	Avg	Daily	Avg	Daily

Additional parameters for Lithium Ore Mines											
01105	Aluminum, total in mg/L (0.30 FW, 0.24 SW) (0.75 FW, 0.24 SW)	Avg	Daily	Avg	Daily	Avg	Daily	Avg	Daily	Avg	Daily
00951	Fluoride, total in mg/L (6.0) (6.0)	Avg	Daily	Avg	Daily	Avg	Daily	Avg	Daily	Avg	Daily
Additional parameters for Phosphate Mines											
00951	Fluoride, total in mg/L (6.0) (6.0)	Avg	Daily	Avg	Daily	Avg	Daily	Avg	Daily	Avg	Daily
39344	Alpha, Gross Particle Activity	Avg	Daily	Avg	Daily	Avg	Daily	Avg	Daily	Avg	Daily
Additional parameters for Industrial Sand Mines											
00951	Fluoride, total in mg/L (6.0) (6.0)	Avg	Daily	Avg	Daily	Avg	Daily	Avg	Daily	Avg	Daily
CO0334	Chromium III in mg/L (0.117 FW, n/a SW) (0.905 FW, n/a SW)	Avg	Daily	Avg	Daily	Avg	Daily	Avg	Daily	Avg	Daily
39344	Alpha, Gross Particle Activity	Avg	Daily	Avg	Daily	Avg	Daily	Avg	Daily	Avg	Daily

- a) Outfalls to Outstanding Resource Waters (ORW) and High Quality Waters (HQW) have a Monthly Average Effluent Limit for TSS of 20 mg/L and a Daily Maximum Effluent Limit of 30 mg/L. Outfalls to Trout Waters (Tr) and Primary Nursery Areas (PNA) have a Monthly Average Effluent Limit for TSS of 10 mg/L and a Daily Maximum Effluent Limit of 15 mg/L. Industrial Sand and Phosphate mines discharging to all other water classification have a Monthly Average Effluent Limit for TSS of 25 mg/L and a Daily Maximum Effluent Limit of 45 mg/L.
- b) See H-5 of the NCG020000 General Permit for turbidity requirements.
- c) Only outfalls to HQW, ORW, SA, SB, PNA, or Tr waters are required to monitor for Settleable Solids.
- d) Only outfalls to SA waters are required to monitor for Fecal Coliform
- e) Only outfalls to SA, SB, and SC waters are required to monitor for Enterococcus

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