

ALABAMA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT (ADEM)
NPDES MINING AND PREPARATION PLANT OUTFALL DATA FOR METALS, CYANIDE, AND TOTAL PHENOLS

NPDES Permit No.:		Applicant:				Facility:	
Outfall Sampled ¹ :	Date of Sampling:	Was Sample Taken in-Pond? Yes No	Was Sample Taken from Discharge? Yes No	Substantially Identical Outfalls:		Description of Discharge:	

Instructions: Supply the following information separately for every proposed or existing outfall evaluated or tested. If necessary, attach extra sheets. If you are a coal facility, mark "X" in appropriate column for all listed metals, cyanide, and total phenols. If the outfall is existing, you must provide the results of at least one representative analysis for that pollutant for a substantially identical existing outfall at the facility. If the outfall is proposed, you must either submit at least one representative analysis for a substantially identical existing outfall at the facility or, if not available, at least one representative analysis for a substantially identical outfall at another similar facility.

Pollutant	Mark "X"			Effluent										Instream				
	Existing Outfall (Testing Required)	Proposed Outfall – Parameter Believed Present	Proposed Outfall – Parameter Believed Absent	Maximum Daily Value		Maximum 30 Day Value (if available)		Long Term Average Value (if available)		# of Analyses	Frequency of Discharge (Days/Month Hours/Day)	EPA Approved Method Analysis Used ²	Method Detection Limit (µ/L)	Receiving Water 7Q10 Flow (cfs)	Discharge Flow (cfs)	Background Instream Concentration (µ/L)	Instream Hardness (optional) (mg/L CaCO ₃) ³	Instream Flow (optional) (cfs)
				Concentration (µ/L)	Mass (lbs)	Concentration (µ/L)	Mass (lbs)	Concentration (µ/L)	Mass (lbs)									
1M. Antimony, Dissolved																		
2M. Arsenic, Dissolved Trivalent																		
3M. Beryllium, Dissolved																		
4M. Cadmium, Dissolved																		
5M. Chromium, Dissolved																		
6M. Copper, Dissolved																		
7M. Lead, Dissolved																		
8M. Mercury, Total Recoverable																		
9M. Nickel, Dissolved																		
10M. Selenium, Total Recoverable																		
11M. Silver, Dissolved																		
12M. Thallium, Dissolved																		
13M. Zinc, Dissolved																		
14M. Cyanide, Free																		
15M. Phenols, Total																		

¹ Sampling results must be representative of the discharge.

² Test methods used must be in accordance with 40 CFR Part 136 and 40 CFR 122.21(g)(7)(i).

³ The Department may assume Instream Hardness (CaCO₃) based on available information, the location of the discharge, and/or best professional judgment.