



Tennessee Department of Environment and Conservation

Division of Water Resources

William R. Snodgrass Tennessee Tower

312 Rosa L. Parks Avenue, 11th Floor, Nashville, Tennessee 37243

**ANNUAL STORMWATER MONITORING REPORT**

for Stormwater Discharges Associated with Industrial Activity under the

**TENNESSEE MULTI-SECTOR GENERAL PERMIT (TMSP)**

Facility Name: <b>Arnold Engineering Development Complex</b>	TMSP Number: <b>TNRO53036</b>
Contact Person: <b>Mr. Trung V. Le</b>	Phone Number: <b>(931) 454-5873</b>
This report is submitted for the following calendar year (e.g. 2015): <b>2023</b>	Outfall Number: <b>MS-2</b>
List all TMSP sectors which apply to discharge from this outfall: <b>Sector L</b>	Sample Date: <b>12 January 2023</b>
Low Concentration Waiver (Note 3): list all parameters for which the facility is certifying that there has not been a significant change in industrial activity or the pollution prevention measures in the area of the facility that drains to the outfall for which sampling was waived:	

**DIRECTIONS:** In the spaces below, provide the results of stormwater monitoring for the designated outfall. For each outfall, one Annual Stormwater Monitoring Report must be submitted. The parameters for which monitoring must be conducted depend on which industry sector(s) of the TMSP applies to the discharge. Look up your sector(s) in the TMSP and analyze for the parameters that apply. If parameter is not listed below, submit additional sheets. All samples should be grab.

Parameter	Cut-off Conc. (mg/L)	Annual Sample Result (mg/L)	Parameter (continued)	Cut-off Conc. (mg/L)	Annual Sample Result (mg/L)
Aluminum, Total	0.75		Magnesium, Total	0.0636	
Ammonia	4.0		Mercury, Total	0.0024	
Arsenic, Total	0.16854		Nickel, Total	0.875	
BOD, 5-Day	30		Nitrate + Nitrite Nitrogen	0.68	
Cadmium, Total	0.0159		Oil and Grease	15	
COD	120		pH	5.0-9.0	
Copper, Total	0.018		Phosphorus, Total (as P)	2.0	
Cyanide, Total	0.064		Selenium, Total	0.2385	
Fluoride	1.8		Silver, Total	0.032	
Iron, Total	5.0	<b>4.41</b>	Total Suspended Solids	150	<b>11.5</b>
Lead, Total	0.15		Zinc, Total	0.395	

**CERTIFICATION AND SIGNATURE:** (Make all entries in ink, not with a pencil. This report must be signed by a responsible corporate officer for a corporation, a general partner for a partnership, the proprietor for a sole proprietorship, or a principal executive officer or ranking elected official for a public agency.)

I certify under penalty of law that this document and all of its attachments were prepared under my direction or my supervision in accordance with a system designed to assure qualified personnel properly gathered and evaluated 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 there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. As specified in Tennessee Code Annotated Section 39-16-702(a)(4), this declaration is made under penalty of perjury.

_____	_____	_____	_____
Printed Name	Official Title	Signature	Date