



**Annual Monitoring Report for Stormwater Discharges Associated with Industrial Activities under the Tennessee Multi-Sector General NPDES Permit (TMSP)**

Facility Name:	<b>Iskiwitz Metals</b>	TMSP Number:	<b>TNR054012</b>
Contact Person:	<b>Jamie Iskiwitz</b>	Phone Number:	<b>901 526-8944</b>
This report is submitted for the following calendar year (e.g. 2002):	<b>2015</b>	Outfall Number:	<b>SW-001</b>
List all TMSP sectors which apply to discharge from this outfall:	<b>N</b>	Sample Date:	<b>12/21/15</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:

In the spaces below, provide the results of storm water monitoring for the designated outfall. 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 permit and analyze for the parameters which apply. If parameter is not listed below, submit additional sheets. All samples should be collected by grab technique.

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	<b>0.473</b>	Magnesium, Total	0.064	
Ammonia	4.0		Mercury, Total	0.0024	
Arsenic, Total	0.15		Nickel, Total	0.875	
BOD, 5-Day	30		Nitrate + Nitrite Nitrogen	0.68	
Cadmium, Total	0.0021		Oil and Grease	15	
Chromium, Total	1.8		pH	4.0-9.0	
COD	120	<b>28</b>	Phenols	0.016	
Copper, Total	0.018	<b>0.008</b>	Phosphorus, Total (as P)	2.0	
Cyanide, Total	0.022		Selenium, Total	0.005	
Fluoride	1.8		Silver, Total	0.0038	<b>0.002</b>
Iron, Total	5.0	<b>2.733</b>	Total Suspended Solids (TSS)	150	<b>92</b>
Lead, Total	0.156	<b>0.091</b>	Zinc, Total	0.395	<b>2.444</b>

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.

<b>Jamie Iskiwitz</b>	<b>Owner</b>		<b>1/11/16</b>
Permittee Name (print)	Official Title	Signature	Date

**INSTRUCTIONS**

- The purpose of this form is to report storm water (SW) monitoring results under the TMSP. **Only 1 sample per calendar year is required** (except Sectors J & H, for more details see the TMSP at [www.tdec.net/permits/tmsp.htm](http://www.tdec.net/permits/tmsp.htm)). Grab samples should be collected within the first 30 minutes (or as soon thereafter as practical, but not to exceed one hour) of when the runoff or snowmelt begins discharging. A separate form must be submitted for each outfall. If more than 1 sample is collected at any outfall, submit the average results of all monitoring data (for calculating average, use 1/2 of a detection level, if parameter was not detected). New facilities must conduct sampling in the year during which permit coverage was obtained and during each following year. The completed form must be submitted by March 31 of the following year.
- If the results of annual SW runoff monitoring demonstrates that the facility has exceeded the cut-off concentration(s), the permittee must inform the Division's local Environmental Assistance Center (EAC) in writing within 30 days from the time SW monitoring results were received, describing the likely cause of the exceedance(s). Furthermore, within 60 days from the time SW monitoring results were received, the facility must review its storm water pollution prevention plan (SWPPP), make any modifications or additions to the plan which would assist in reducing runoff concentrations to less than the monitoring cut-off concentrations for that parameter, and submit to the local EAC a summary of the proposed SWPPP modifications including a timetable for implementation.
- Low Concentration Waiver – When the average concentration for a pollutant calculated from monitoring data collected from the first 4 calendar years of monitoring is less than the cut-off concentration, a facility may waive monitoring requirements in the last annual monitoring period. This form should be used for certification of low concentration waiver provision.

**Complete, sign and date this form before it is submitted. Keep a copy of the completed form for your records. Submit the original to: Compliance & Enforcement Unit, William R. Snodgrass Tower, 312 Rosa L. Parks Ave, 11th Floor, Nashville, TN 37243 or you may submit electronically to [DWRWater.Compliance@tn.gov](mailto:DWRWater.Compliance@tn.gov)**

ECT

January 6, 2016

SITE: Iskiwitz Metals

ACCOUNT#: 01-0386

REPORT NUMBER: 926-12-881

## Certificate of Analysis

Laboratory Number: 97855

Sample ID: Iskiwitz SW-001

ANALYSIS	RESULT	Detection		METHOD	DATE TIME ANALYZED	ANALYST
		mg/L	Limit			
Aluminum	0.473	mg/L	0.005 mg/L	200.7	01/06/16 9:25	M Blum
Copper	0.008	mg/L	0.005 mg/L	200.7	01/06/16 9:27	M Blum
Iron	2.733	mg/L	0.005 mg/L	200.7	01/06/16 9:29	M Blum
Lead	0.091	mg/L	0.005 mg/L	200.7	01/06/16 9:31	M Blum
Silver	<0.002	mg/L	0.002 mg/L	200.7	01/06/16 9:33	M Blum
Zinc	2.444	mg/L	0.005 mg/L	200.7	01/06/16 9:35	M Blum
COD	28	mg/L	1.00 mg/L	5220	01/06/16 12:15	M Blum
TSS	92	mg/L	1.00 mg/L	160.2	01/06/16 12:40	M Blum

# CHAIN OF CUSTODY

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www.cornerstonelab.com

## CORNERSTONE LABORATORIES LLC

### CLIENT INFORMATION

COMPANY NAME: Environmental Testing & Consulting of the Americas

INDIVIDUAL NAME: DiAne Gordon

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EMAIL ADDRESS: dgordon@etcamemphis.com

SAMPLED BY: NAME DiAne Gordon

Initials: DG

For Laboratory Use					
Report #: 92612081	Acct. #:	P.O. #:			
Sample Check-In					
Ice Present	Broken Containers	Evidence Tape Present	Acid Preserved	Base Preserved	
YES NO N/A YES NO N/A YES NO N/A YES NO N/A YES NO N/A	(YES) NO N/A YES NO N/A YES NO N/A YES NO N/A YES NO N/A	(YES) NO N/A YES NO N/A YES NO N/A YES NO N/A	(YES) NO N/A YES NO N/A YES NO N/A	(YES) NO N/A YES NO N/A YES NO N/A	(YES) NO N/A YES NO N/A YES NO N/A

Lab Personnel Performing Check-In (Initials): *MLB*

Lab ID For Lab Use	Sample Identification	SAMPLES TAKEN Date Time	PRESERVATION Type Temp. pH	G r a b	C o m p	Analysis Requested	
						Aluminum, COD, copper, iron, lead, silver, zinc, TSS	
1 97855	Iskiwitz Metals SW-001	12/21/15 5:30 pm	SW	X		Aluminum, COD, copper, iron, lead, silver, zinc, TSS	D.4" rain, previous 12/16/15
2							
3							
4							
5							
6							
7							
8							
9							
10							

Relinquished by: DiAne Gordon Date: 12/22/15 Time: 10 am Received by: *MLB* Date: 12/22/15 Time: *12:15*

Relinquished by: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_ Received in Lab by: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_