



**DEPARTMENT OF ENVIRONMENT AND CONSERVATION
DIVISION OF WATER RESOURCES**

William R. Snodgrass - Tennessee Tower
312 Rosa L. Parks Avenue, 11th Floor
Nashville, Tennessee 37243-1102
(615) 532-0625



ANNUAL STORMWATER MONITORING REPORT
for Stormwater Discharges Associated with Industrial Activity under the
TENNESSEE MULTI-SECTOR GENERAL PERMIT (TMSP)

Facility Name:	AB MAURI Fleischmann's	TMSP Number:	TNROS0564
Contact Person:	STACY ELLIS	Phone Number:	9019427115
This report is submitted for the following calendar year (e.g. 2015):	2018	Outfall Number:	1
List all TMSP sectors which apply to discharge from this outfall:	U	Sample Date:	03/16/18
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	0.1685		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		Total Suspended Solids	150	144
Lead, Total	0.15		Zinc, Total	0.395	

7017 1070 0001 0564 3398



DEPARTMENT OF ENVIRONMENT AND CONSERVATION

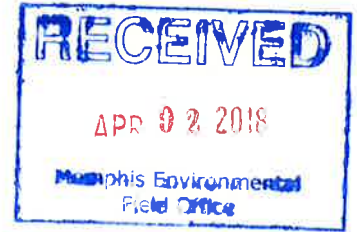
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CERTIFICATION AND SIGNATURE

(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.

DANIEL KUCERA	CFs	3/25/18
Printed Name	Official Title	Signature
		Date

**Tennessee Multi-Sector General Permit (TMSP)
Annual Stormwater Monitoring Report – Instructions**

1. The purpose of this form is to report stormwater (SW) monitoring results under the TMSP. **Only 1 sample per calendar year is required** (except Sectors J and H). **For each outfall, one Annual Stormwater Monitoring Report form must be submitted.** 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 ½ 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 form(s) shall be submitted 30 days after the sampling results are obtained, but no later than the March 31st of the following calendar year.
2. 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 Field Office (EFO) 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 stormwater 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 EFO a summary of the proposed SWPPP modifications (including a timetable for implementation).
3. 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 completed and signed form to the appropriate Environmental Field Office using the addresses below. You can also send a scanned copy to Water.Permits@tn.gov

EFO	Street Address	City	Zip	Telephone
Chattanooga	1301 Riverfront Parkway, Suite #206	Chattanooga	37402	(423) 634-5745
Columbia	1421 Hampshire Pike	Columbia	38401	(931) 380-3371
Cookeville	1221 South Willow Ave.	Cookeville	38506	(931) 432-4015
Jackson	1625 Hollywood Drive	Jackson	38305	(731) 512-1300
Johnson City	2305 Silverdale Road	Johnson City	37601	(423) 854-5400
Knoxville	3711 Middlebrook Pike	Knoxville	37921	(865) 594-6035
Memphis	8383 Wolf Lake Drive	Bartlett	38133	(901) 371-3000
Nashville	711 RS Gass Boulevard	Nashville	37216	(615) 687-7000

Mining and quarrying facilities only (Sectors J and H) should submit one signed copy of Annual Stormwater Monitoring Report to the division’s Mining Section at the following address:

**Tennessee Division of Water Resources
Mining Section
3711 Middlebrook Pike
Knoxville, TN 37921**

3/20/2018

Fleischmann's Yeast Plant
Ms. Leketa Hayslett
2743 Riverport Road
Memphis, TN, 38109

Ref: Analytical Testing
Lab Report Number: 18-078-0235
Client Project Description: Stormwater TSS Testing

Dear Ms. Leketa Hayslett:
Waypoint Analytical, Inc. received sample(s) on 3/17/2018 for the analyses presented in the following report.

The above referenced project has been analyzed per your instructions. The analyses were performed in accordance with the applicable analytical method.

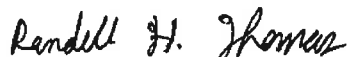
The analytical data has been validated using standard quality control measures performed as required by the analytical method. Quality Assurance, method validations, instrumentation maintenance and calibration for all parameters (NELAP and non-NELAP) were performed in accordance with guidelines established by the USEPA (including 40 CFR 136 Method Update Rule May 2012) and NELAC unless otherwise indicated. Any parameter for which the laboratory is not officially NELAP accredited is indicated by a '~' symbol. These are not included in the scope because NELAP accreditation is either not available or has not been applied for. Additional certifications may be held/are available for parameters, where NELAP accreditation is not required or applicable. A full list of certifications is available upon request.

Certain parameters (chlorine, pH, dissolved oxygen, sulfite...) are required to be analyzed within 15 minutes of sampling. Usually, but not always, any field parameter analyzed at the laboratory is outside of this holding time. Refer to sample analysis time for confirmation of holding time compliance.

The results are shown on the attached Report of Analysis(s). Results for solid matrices are reported on an as-received basis unless otherwise indicated. This report shall not be reproduced except in full and relates only to the samples included in this report.

Please do not hesitate to contact me or client services if you have any questions or need additional information.

Sincerely,



Randy Thomas
Project Manager

Laboratory's liability in any claim relating to analyses performed shall be limited to, at laboratory's option, repeating the analysis in question at laboratory's expense, or the refund of the charges paid for performance of said analysis.

Alabama #40750	Louisiana #04015	VA NELAP #460181	Texas #T104704180-11-6	Arkansas #88-0650
Mississippi	California #2904	NC #415	Oklahoma #9311	Virginia #00106
Kentucky #90047	Tennessee #TN02027	EPA #TN00012	Kentucky UST #41	



17575
 Fleischmann's Yeast Plant
 Ms. Leketa Hayslett
 2743 Riverport Road
 Memphis , TN 38109

Project Stormwater TSS Testing
 Information :

Report Date : 3/20/2018

Report Number : **18-078-0235**

REPORT OF ANALYSIS

Received : 3/17/2018

Lab No : **93658**
 Sample ID : **SW031618**

Matrix: **Aqueous**
 Sampled: **3/16/2018 0:00**

Test	Results	Units	ML	DF	Date / Time Analyzed	By	Analytical Method
Total Suspended Solids	144	mg/L	10	1	03/20/18 09:36	CxC	2540D-2011

**Qualifiers/
 Definitions**

DF

Dilution Factor

ML

Method Quantitation Limit

Cooler Receipt Form

Customer Number: **17575**
Customer Name: **Fleischmann's Yeast Plant**
Report Number: **18-078-0235**

Shipping Method

Fed Ex US Postal Lab Other :
 UPS Client Courier Thermometer ID: #35

Shipping container/cooler uncompromised? Yes No

Number of coolers received

Custody seals intact on shipping container/cooler? Yes No Not Required

Custody seals intact on sample bottles? Yes No Not Required

Chain of Custody (COC) present? Yes No

COC agrees with sample label(s)? Yes No

COC properly completed Yes No

Samples in proper containers? Yes No

Sample containers intact? Yes No

Sufficient sample volume for indicated test(s)? Yes No

All samples received within holding time? Yes No

Cooler temperature in compliance? Yes No

Cooler/Samples arrived at the laboratory on ice. Samples were considered acceptable as cooling process had begun. Yes No

Water - Sample containers properly preserved Yes No N/A

Water - VOA vials free of headspace Yes No N/A

Trip Blanks received with VOAs Yes No N/A

Soil VOA method 5035 – compliance criteria met Yes No N/A

High concentration container (48 hr) Low concentration EnCore samplers (48 hr)

High concentration pre-weighed (methanol -14 d) Low conc pre-weighed vials (Sod Bis -14 d)

Special precautions or instructions included? Yes No

Comments:

Signature: Date & Time:

Client Name
AB Mauri Fleischmann's Yeast

Client Project Manager/Contact
Leketa Hayslett

Project Description
Stormwater TSS Testing

Project Number
17575

Waypoint ANALYTICAL
 2790 Whitten Road
 Memphis, TN 38133
 (901) 215-2400

Project/Site Location (City/State)
Memphis TN

Project Manager Email
leketahayslett@abmauri.us

Site/Facility ID #
17575

Date
3/16/18

Sample Identification
Effluent - SW031618

Number of Containers
M

Required Analysis / Preservative
PH, TSS, BOD, COD

Time
1300

Matrix (Refer to Key)
M

Comments/Notes
Stormwater TSS only

Project Manager Phone #
9019427115 ext:1642

Project Manager Email
leketahayslett@abmauri.us

Purchase Order Number
17575

Client Name
AB Mauri Fleischmann's Yeast

Client Project Manager/Contact
Leketa Hayslett

Project Description
Stormwater TSS Testing

Site/Facility ID #
17575

Project Manager Phone #
9019427115 ext:1642

Project Manager Email
leketahayslett@abmauri.us

Purchase Order Number
17575

18-078-0235
 17575
 03-19-2018
 09:04:46

Barcode
 Fleischmann's Yeast Plant
 Stormwater TSS Testing

adwater, lid O - Oil

Date	Time	Sample Identification	Number of Containers	Matrix (Refer to Key)	(g)rb or (c)omposite	PH	TSS	BOD	COD
3/16/18	1300	Effluent - SW031618	M	M	G				
		Effluent	M	M	G				
			M	M	G				
			M	M	G				
			M	M	G				
			M	M	G				
			M	M	G				
			M	M	G				
			M	M	G				
			M	M	G				

For Laboratory Use Only
 Lab Comments
STACY ELLIS

Relinquished by: (SIGNATURE)
[Signature]
 Date Time
3/16/18 1130

Relinquished by: (SIGNATURE)
[Signature]
 Date Time
3/17/18 1300

Relinquished by: (SIGNATURE)
[Signature]
 Date Time
3/18/18 1050

Relinquished by: (SIGNATURE)
[Signature]
 Date Time
3/18/18 1300