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Permit

Permit #:	INRM02525	Permittee:	C & W Fabrication dba G. F. Munich Welding	Facility:	C & W FABRICATION DBA G. F. MUNICH WELDING
Major:	No	Permittee Address:	211 Eastern Blvd Jeffersonville, IN 47130	Facility Location:	211 EASTERN BLVD JEFFERSONVILLE, IN 47130
Permitted Feature:	001 External Outfall	Discharge:	001-RA Run-off from facility roof, parking areas, raw material storage areas, storage area,		

Report Dates & Status

Monitoring Period:	From 09/21/22 to 09/20/23	DMR Due Date:	10/28/23	Status:	NetDMR Validated
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Considerations for Form Completion

RULE 6 INDUSTRIAL STORM WATER GENERAL CLARK COUNTY

Principal Executive Officer

First Name:	Barry	Title:	CFO	Telephone:	812-394-7911
Last Name:	Geswein				

No Data Indicator (NODI)

FormNODI: --																				
Parameter		Monitoring Location	Season #	Param. NODI		Quantity or Loading					Quality or Concentration							# of Ex.	Frequency of Analysis	Sample Type
Code	Name					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units			
00400	pH	1 - Effluent Gross	0	--	Sample										=	8.8	12 - SU		01/YR - Annual	GR - GRAB
					Permit Req.											Req Mon MAXIMUM	12 - SU			
					Value NODI															
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample										=	118.0	19 - mg/L		01/YR - Annual	GR - GRAB
					Permit Req.											Req Mon MAXIMUM	19 - mg/L			
					Value NODI															
00552	Oil and grease, hexane extr method	1 - Effluent Gross	0	--	Sample										<	5.2	19 - mg/L		01/YR - Annual	GR - GRAB
					Permit Req.											Req Mon MAXIMUM	19 - mg/L			
					Value NODI															
00825	Nitrogen, Kjeldahl, total [as N]	1 - Effluent Gross	0	--	Sample										<	1.5	19 - mg/L		01/YR - Annual	GR - GRAB
					Permit Req.											Req Mon MAXIMUM	19 - mg/L			
					Value NODI															
00830	Nitrite + Nitrate total [as N]	1 - Effluent Gross	0	--	Sample										=	1.0	19 - mg/L		01/YR - Annual	GR - GRAB
					Permit Req.											Req Mon MAXIMUM	19 - mg/L			
					Value NODI															
00865	Phosphorus, total [as P]	1 - Effluent Gross	0	--	Sample										=	0.2	19 - mg/L		01/YR - Annual	GR - GRAB
					Permit Req.											Req Mon MAXIMUM	19 - mg/L			
					Value NODI															
80082	BOD, carbonaceous [5 day, 20 C]	1 - Effluent Gross	0	--	Sample										=	17.0	19 - mg/L		01/YR - Annual	GR - GRAB
					Permit Req.											Req Mon MAXIMUM	19 - mg/L			
					Value NODI															
81017	Chemical Oxygen Demand [COD]	1 - Effluent Gross	0	--	Sample										=	88.0	19 - mg/L		01/YR - Annual	GR - GRAB
					Permit Req.											Req Mon MAXIMUM	19 - mg/L			
					Value NODI															

Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

No errors.

Comments

Attachments

Name	Type	Size
2023Munichlabwork.pdf	pdf	194347.0

Report Last Saved By

C & W Fabrication dba G. F. Munich Welding

User:	WELDMUNICH
Name:	Barry Geswein
E-Mail:	bgeswein@munichwelding.com
Date/Time:	2024-07-11 07:25 (Time Zone: -04:00)

Report Last Signed By

User:	WELDMUNICH
Name:	Barry Geswein
E-Mail:	bgeswein@munichwelding.com
Date/Time:	2024-07-11 14:03 (Time Zone: -04:00)



Microbac Laboratories, Inc., Louisville

CERTIFICATE OF ANALYSIS

L3I0157

Project Description

Storm Water Sampling

For:

Bob Muse

Munich Welding Company

211 Eastern BLVD

Jeffersonville, IN 47130

Field Manager

AL MOORE

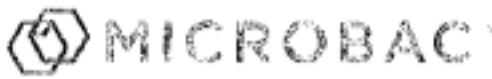
Friday, September 15, 2023

Please find enclosed the analytical results for the samples you submitted to Microbac Laboratories. Review and compilation of your report was completed by Microbac Laboratories, Inc., Louisville. If you have any questions, comments, or require further assistance regarding this report, please contact your service representative listed above.

I certify that all test results meet all of the requirements of the accrediting authority listed within this report. Analytical results are reported on a 'as received' basis unless specified otherwise. Analytical results for solids with units ending in (dry) are reported on a dry weight basis. A statement of uncertainty for each analysis is available upon request. This laboratory report shall not be reproduced, except in full, without the written approval of Microbac Laboratories. The reported results are related only to the samples analyzed as received.

Microbac Laboratories, Inc.

3323 Gilmore Industrial Blvd | Louisville, KY 40213 | 502.962.6400 p | www.microbac.com



Microbac Laboratories, Inc., Louisville

CERTIFICATE OF ANALYSIS

L3I0157

Munich Welding Company

Bob Muse
211 Eastern BLVD
Jeffersonville, IN 47130

Project Name: Storm Water Sampling

Project / PO Number: CREDIT CARD ON FILE
Received: 09/06/2023
Reported: 09/15/2023

Sample Summary Report

<u>Sample Name</u>	<u>Laboratory ID</u>	<u>Client Matrix</u>	<u>Sample Type</u>	<u>Sample Begin</u>	<u>Sample Taken</u>	<u>Lab Received</u>
Outfall 001 Storm Water	L3I0157-01	Aqueous			09/06/23 13:30	09/06/23 14:07



Microbac Laboratories, Inc., Louisville

CERTIFICATE OF ANALYSIS

L3I0157

Analytical Testing Parameters

Client Sample ID:	Outfall 001 Storm Water	Collected By:	CUSTOMER
Sample Matrix:	Aqueous	Collection Date:	09/06/2023 13:30
Lab Sample ID:	L3I0157-01		

Analyses Performed by: Microbac Laboratories, Inc., Louisville

Inorganics Total	Result	Limit(s)	MDL	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 1664B									
Oil & Grease (HEM)	<5.2		2.9	5.2	mg/L			09/12/23 1030	RMT
Method: EPA 351.2, Rv. 2 (1993)									
Total Kjeldahl Nitrogen (TKN)	1.5		0.53	1.0	mg/L		09/11/23 0824	09/13/23 1934	ERP
Method: EPA 365.1, Rv. 2 (1993)									
Phosphorus as P	0.20		0.088	0.20	mg/L		09/11/23 1421	09/13/23 1730	ERP
Method: SM 5210 B-2016									
Carbonaceous BOD (CBOD5)	17		3.0	3.0	mg/L		09/07/23 1501	09/12/23 1336	SZH
Method: SM 5220 D-2011									
Chemical Oxygen Demand (COD)	88		24	50	mg/L		09/08/23 1146	09/08/23 1429	SZH
Method: USGS I-3765-85									
Total Suspended Solids (TSS)	116		5	5	mg/L		09/12/23 1440	09/12/23 1731	SSL

Anions by IC	Result	Limit(s)	MDL	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 300.0, Rv. 2.1 (1993)									
Nitrate & Nitrite as N	1.0		0.58	0.75	mg/L		09/13/23 1418	09/14/23 0404	NWW

Analyses Performed by: Customer

Field Parameters	Result	Limit(s)	MDL	RL	Units	Note	Prepared	Analyzed	Analyst
Temperature Field	82.0				°F			09/06/23 1330	CUS
pH (at 25°C)	6.8				S.U.			09/06/23 1330	CUS

Results in **bold** have exceeded a limit defined for this project. Limits are provided for reference but as regulatory limits change frequently, Microbac Laboratories, Inc. advises the recipient of this report to confirm such limits and units of concentration with the appropriate Federal, state or local authorities before acting on the data.

Definitions

°F:	Degrees Fahrenheit
mg/L:	Milligrams per Liter
RL:	Reporting Limit
S.U.:	Standard Units



Microbac Laboratories, Inc., Louisville

CERTIFICATE OF ANALYSIS

L3I0157

Cooler Receipt Log

Cooler ID: Default Cooler

Temp: 23.9°C

Cooler Inspection Checklist

Ice Present or not required?	Yes	Shipping containers sealed or not required?	Yes
Custody seals intact or not required?	Yes	Chain of Custody (COC) Present?	Yes
COC includes customer information?	Yes	Relinquished and received signature on COC?	Yes
Sample collector identified on COC?	Yes	Sample type identified on COC?	Yes
Correct type of Containers Received	Yes	Correct number of containers listed on COC?	Yes
Containers Intact?	Yes	COC includes requested analyses?	Yes
Enough sample volume for indicated tests received?	Yes	Sample labels match COC (Name, Date & Time?)	Yes
Samples arrived within hold time?	Yes	Correct preservatives on COC or not required?	Yes
Chemical preservations checked or not required?	Yes	Preservation checks meet method requirements?	Yes
VOA vials have zero headspace, or not recd.?	Yes		

Report Comments

The data and information on this, and other accompanying documents, represents only the sample(s) analyzed. This report is incomplete unless all pages indicated in the footnote are present and an authorized signature is included. The services were provided under and subject to Microbac's standard terms and conditions which can be located and reviewed at <https://www.microbac.com/standard-terms-conditions>.

Reviewed and Approved By:

AL MOORE

Field Manager

Reported: 08/15/2023 15:59

Microbac Laboratories, Inc., Louisville

3323 Gilmore Industrial Blvd | Louisville, KY 40213 | 502.962.6400 p | www.microbac.com



Microbac Laboratories, Inc.

Kentucky Testing Laboratory Division
3323 Gilmore Industrial Blvd., Louisville, KY 40213
(502) 962-6400 fax (502) 962-6411

Certificate of Analysis No.

Microbac ChainofCustody071107_000

Q621 8M-7

STORM WATER SAMPLE COLLECTION CHECKLIST
Munich Welding

Sampling Location: Outfall #1

Date: 9-6-23 Time: 1:30

Collector: BARRY BESWEIR

Storm Data:

Initiation of Discharge Time: 1:00

Storm Duration Time: 1:30 Total Rain: _____ Inches

Last Previous Storm Date: _____ ☒ Last storm > 72 hours

pH Calibration Points: _____ and _____

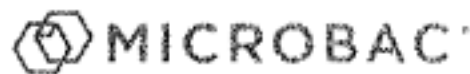
☐ Unit passed calibration on today's date _____

☐ Standards used for calibration are within "use by" dates (expiration date: _____)

On Site pH measurement: 6.8

On Site Temperature measurement: 92° Degrees F

☒ Chain of Custody is complete and attached



INVOICE

Questions? 502.962.6400

Ask for: AL MOORE

Invoice Number: L23007410

Invoice Date: 09/15/2023

Due Date: 09/18/2023

PO Number: CREDIT CARD ON FILE

Client ID: EM022

Bill to: Munich Welding Company
Bob Muse
211 Eastern BLVD
Jeffersonville, IN 47130

Analysis/Description	Matrix	Qty	Unit Cost	Surcharge	Extended Cost
Work Order: L310157 Project: Storm Water Sampling Received: 09/06/2023			PO#: CREDIT CARD ON FILE		
Carbonaceous BOD (CBOD): GALV	Aqueous	1	\$38.00		\$38.00
Chemical Oxygen Demand (COD): UV-VIS	Aqueous	1	\$38.00		\$38.00
Field pH	Aqueous	1	\$20.75		\$20.75
Field Temperature (°F)	Aqueous	1	\$13.75		\$13.75
n-Hexane Extractable Materials (HEM): GRAV	Aqueous	1	\$63.00		\$63.00
Nitrate & Nitrite as N IC-COND CALC	Aqueous	1	\$0.00		\$0.00
Nitrate & Nitrite as N IC-COND CALC	Aqueous	1	\$54.50		\$54.50
Phosphorus as P AUTO	Aqueous	1	\$32.00		\$32.00
Total Kjeldahl Nitrogen (TKN): AUTO	Aqueous	1	\$32.00		\$32.00
Total Suspended Solids (TSS): GRAV	Aqueous	1	\$14.00		\$14.00
Subtotal:					\$306.00

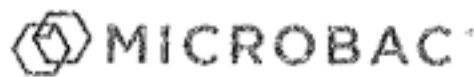
Additional Items	Qty	Unit Cost	Extended Cost
Environmental Sustainability Fee per Sample	1.00	\$3.50	\$3.50

Total Current Charges

\$309.50

Total invoice amount
by September 18, 2023

USD \$309.50



INVOICE

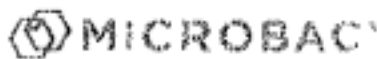
Questions? 502.962.6400
Ask for: AL MOORE

Invoice Number: L23007410
Invoice Date: 09/15/2023
Due Date: 09/18/2023
PO Number: CREDIT CARD ON FILE
Client ID: EM022

Bill to: Munich Welding Company
Bob Muse
211 Eastern BLVD
Jeffersonville, IN 47130

Microbac Laboratories, Inc. | Louisville
5121 Calhoun Industrial Blvd | Louisville, KY 40213 | 502.962.6400 | www.microbac.com

The services being invoiced were provided under and subject to Microbac's standard terms and conditions
which can be located and reviewed at <https://www.microbac.com/standard-terms-conditions>



Munich Welding Company
Bob Muse
211 Eastern BLVD
Jeffersonville, IN 47130

Invoice Number: L23007410
Invoice Date: 09/15/2023
Client ID: EM022

Total charges due **\$309.50**
by September 18, 2023

Make checks payable to:
Please return this receipt with payment

Microbac Laboratories, Inc.
c/o Dollar Bank
PO Box 3510
Pittsburgh, PA 15230-3510

0005 00000000EM022 L23007410 0000030950