

Pace Analytical Services, LLC 2231 W. Altorfer Drive Peoria, IL 61615 (800)752-6651

June 25, 2024

Heather Malone Lake St. Louis Community Association 100 COGNAC COURT LAKE ST LOUIS, MO 63367

RE: Lake St Louis Effluent

Dear Heather Malone:

Please find enclosed the analytical results for the 1 sample(s) the laboratory received on 6/17/24 8:20 am and logged in under work order HF02981. All testing is performed according to our current TNI accreditations unless otherwise noted. This report cannot be reproduced, except in full, without the written permission of Pace Analytical Services, LLC.

If you have any questions regarding your report, please contact your project manager. Quality and timely data is of the utmost importance to us.

Pace Analytical Services appreciates the opportunity to provide you with analytical expertise. We are always trying to improve our customer service and we welcome you to contact the General Manager, Lisa Grant, with any feedback you have about your experience with our laboratory at 309-683-1764 or lisa.grant@pacelabs.com.

Jon Robert Handshy

Don Roth Handly

Analyst

(314) 595-7337

Jon.Robert.Handshy@pacelabs.com



SAMPLE RECEIPT CHECK LIST

Items not applicable will be marked as in compliance

	Work Order HF02981
YES	Samples received within temperature compliance when applicable
YES	COC present upon sample receipt
YES	COC completed & legible
YES	Sampler name & signature present
YES	Unique sample IDs assigned
YES	Sample collection location recorded
YES	Date & time collected recorded on COC
YES	Relinquished by client signature on COC
YES	COC & labels match
YES	Sample labels are legible
NO	Appropriate bottle(s) received
YES	Sufficient sample volume received
YES	Sample containers received undamaged
YES	Zero headspace, <6 mm present in VOA vials
NO	Trip blank(s) received
YES	All non-field analyses received within holding times
YES	Short hold time analysis
YES	Current PDC COC submitted
YES	Case narrative provided

Customer #: 72-101843 www.pacelabs.com



ANALYTICAL RESULTS

Sample: HF02981-01 Name: Effluent

Matrix: Waste Water - Grab

Sampled: 06/17/24 06:45 **Received:** 06/17/24 08:20

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
General Chemistry - PIA									
Oil & Grease - total	< 5.1	mg/L		06/24/24 07:58	1.025746	5.1	06/24/24 12:19	JMD	EPA 1664A REV 1
General Chemistry - STL									
pH	6.98	pH Units	FP	06/18/24 12:20	1	2.00	06/18/24 12:20	AAG	SM 4500H B - SW 9040
Solids - settleable solids	<0.1	mL/L		06/18/24 12:41	1	0.11	06/18/24 13:46	BMP	SM 2540F 1997*
(SS) Solids - total suspended	40	mg/L		06/21/24 16:44	1	4.0	06/21/24 16:44	NDM	SM 2540D
solids (TSS) Temperature at pH measurement	20	°C		06/18/24 12:20	1		06/18/24 12:20	AAG	SM 4500 H B*
Total Metals - STL									
Phosphorus	0.132	mg/L		06/21/24 13:14	1	0.0556	06/24/24 10:32	DAS	EPA 200.7 REV 4.4



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NOTES

Specifications regarding method revisions, method modifications, and calculations used for analysis are available upon request. Please contact your project manager.

* Not a TNI accredited analyte

Certifications

CHI - McHenry, IL - 4314-A W. Crystal Lake Road, McHenry, IL 60050

TNI Accreditation for Drinking Water and Wastewater Fields of Testing through IL EPA Accreditation No. 100279 Illinois Department of Public Health Bacterial Analysis in Drinking Water Approved Laboratory Registry No. 17556

PIA - Peoria, IL - 2231 W. Altorfer Drive, Peoria, IL 61615

TNI Accreditation for Drinking Water, Wastewater, Solid and Hazardous Material Fields of Testing through IL EPA Accreditation No. 100230

Illinois Department of Public Health Bacterial Analysis in Drinking Water Approved Laboratory Registry No. 17553

Drinking Water Certifications/Accreditations: Iowa (240); Kansas (E-10338); Missouri (870)

Wastewater Certifications/Accreditations: Arkansas (88-0677); Iowa (240); Kansas (E-10338)

Solid and Hazardous Material Certifications/Accreditations: Arkansas (88-0677); Iowa (240); Kansas (E-10338)

SPMO - Springfield, MO - 1805 W Sunset Street, Springfield, MO 65807 USEPA DMR-QA Program

STL - Hazelwood, MO - 944 Anglum Rd, Hazelwood, MO 63042

Jon Rofet Handly

TNI Accreditation for Wastewater, Solid and Hazardous Material Fields of Testing through KS KDHE Certification No. E-10389 TNI Accreditation for Wastewater, Solid and Hazardous Material Fields of Testing through IL EPA Accreditation No. - 200080 Illinois Department of Public Health Bacterial Analysis in Drinking Water Approved Laboratory, Registry No. 171050 Missouri Department of Natural Resources - Certificate of Approval for Microbiological Laboratory Service - No. 1050

Qualifiers

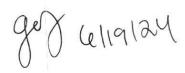
FP Per analytical methodology this analyte is a field parameter that must be analyzed at time of sample collection to meet hold time requirements. The sample was analyzed in the laboratory as soon as possible after receipt.

Certified by: Jon Robert Handshy, Analyst

TNI M8 CORTOR

SUBCONTRACT ORDER Transfer Chain of Custody

Pace Analytical Services, LLC HF02981



SENDING LABORATORY

PDC Laboratories, Inc. 944 Anglum Road Hazelwood, MO 63042 (800) 333-3278 RECEIVING LABORATORY

Pace Analytical Services, LLC - Peoria 2231 W Altorfer Dr Peoria, IL 61615 (309) 692-9688

Sample: HF02981-01

Name: Effluent

Sampled: 06/17/24 06:45 Matrix: Waste Water

Preservative: HCI, cool <6

Analysis	Due	Expires	Comments	
O&G SPE	06/26/24 16:00	07/15/24 06:45		

IR Gun # Corr	rection Factor (Deg C)
Observed Temp (Deg C) 3.	8 Corrected Temp (Deg C) 3.8
Delivery Method: Fed	Ex UPS Walk-in USPS Other
	Counier

Please email results to Jon Robert Handshy at Jon.Robert.Handshy@pacelabs.com Date Shipped: Total # of Containers: Sample Origin (State): _____ PO #: _____ Turn-Around Time Requested NORMAL Date Results Needed: Sample Temperature Upon Receipt Sample(s) Received on Ice or N Relinquished By Proper Bottles Received in Good Condition or N 1500 Bottles Filled with Adequate Volume br N Samples Received Within Hold Time or N Relinquished By Date/Time Date/Time Taken From Sample Bottle or N

PACE ANALYTICAL SERVICES WWW.PACELABS.COM

RCRA
TACO: RES OR IND/COMM NPDES REGULATORY PROGRAM (CIRCLE): MORBCA CCDD

CHAIN OF CUSTODY RECORD SAMPLE COLLECTED IN THE STATE OF MO

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CHEMICAL PRESERVATION CODES: I-HCL 2-H2SO4 3	3-HNO3 4-NAOH	6 - NA2S203		6 - UNPRESERVED	7 – OTHER	~						
TURNAROUND TIME REQUESTED IPLEASE CIRCLE) NORMAL (RUSH TAT IS SUBJECT TO PACE LABS APPROVAL AND SURCHARGE) RUSH RESULTS VIA (PLEASE CIRCLE) EMAIL PHONE	MAL RUSH		DATE RESULTS NEEDED	•	l understan not meet al Policy and i	d that by initii I sample conf the data will b	nling this I ormance r qualified	ox I give equireme . Qualifie	the lab pe nts as def d data may	mission to ned in the re	I understand that by initialing this box I give the lab permission to proceed with analysis, even though it may not meet all sample conformance requirements as defined in the receiving facility's Sample Acceptance Policy and the data will be qualified. Qualified data may <u>NOT</u> be acceptable to report to all regulatory authorities.	though it may ceptance latory authorities.
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QUALTRAX 3219 REV 6				PAGE	PO	5/31	5/31/2022					