May 30, 2024

Klamath Community Service District

P.O. Box 430 ·

151 Klamath Blvd

Klamath, CA 95548-0430

Attn: Margaret Caldwell

RE: Klamath CSD

SAMPLE IDENTIFICATION

Fraction	Client Sample Description	
01A	GD Well	
02A	101 Well	

™MICROBAC®

Order No.

2405378

Invoice No.

176585

PO No.

ELAP No.

1247

ELAP Exp.

July 2024

ND = Not Detected at the Reporting Limit

Limit = Reporting Limit

Flag = Explanation in Case Narrative

All solid results are expressed on a wetweight basis unless otherwise noted.

Approved for release by:

Roxanne Golich, Project Manager

Date:

30-May-2024

WorkOrder:

2405378

CASE NARRATIVE

The sample was received outside the EPA recommended temperature of less than or equal to 6° C.

Date:

30-May-2024

WorkOrder:

2405378 .

ANALYTICAL REPORT

Client Sample ID: GD Well

Received: 05/23/2024

Lab ID: 2405378-01A

Collected: 05/22/2024 19:00

Test Name: Nitrate and/or Nitrite

Reference: EPA 300.0 Rev 2.1 (1993)

Parameter

Result Flag

Limit Units

DF Prepared

Analyzed

Nitrate (as Nitrogen)

0.94

0.10 mg/L

N/A 1.0

05/23/2024 23:17

Client Sample ID: 101 Well

Lab ID: 2405378-02A

Received: 05/23/2024

Collected: 05/22/2024 19:00

Test Name: Nitrate and/or Nitrite

Reference: EPA 300.0 Rev 2.1 (1993)

Parameter Nitrate (as Nitrogen) Result Flag 0.88

Limit Units 0.10 mg/L

<u>DF</u> 1.0

Prepared N/A

Analyzed 05/23/2024 23:35 Microbac Laboratories, Inc. - Arcata

Date: 05/30/2024

CLIENT:

Project:

Analyte

Klamath Community Service District

Work Order:

2405378

Klamath CSD

Test Code: ICNOW

Units: mg/L

Analysis Date 05/23/2024 18:17

Prep Date: N/A

%RPD RPDLimit

Method Blank

Client ID:

Batch ID: R117192 Sample ID: MB-052324

Run ID: INIC3_240523A

SPK value SPK Ref Val

SeqNo:

1694573 % Rec LowLimit HighLimit RPD Ref Val

QC SUMMARY REPORT

Qual

Nitrate (as Nitrogen)

Result ND Limit 0.10

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

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Microbac Laboratories, Inc. - Arcata

Date: 05/30/2024

CLIENT:

Klamath Community Service District

Work Order: Project:

2405378

Klamath CSD

QC SUMMARY REPORT Laboratory Control Spike

Cample ID: 1 00 004 000	Potob ID: B447400	Toot Codo	ICNOW	Units: ma/L		Analysis	Data 05/0	2/2024 12:25	Prop Dr	ate: N/A		
Sample ID: LCS S24-683	Batch ID: R117192	Test Code:						3/2024 18:35	Prep Da			
Client ID:		Run ID:	INIC3_24052	3A		SeqNo:	16945	574				
Analyte	Result	Limit	SPK value	SPK Ref Val	% Rec	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
Nitrate (as Nitrogen)	4.986	0.10	5.00	0	99.7%	90	110	0				
Sample ID: LCSD S24-683	Batch ID: R117192	Test Code:	ICNOW	Units: mg/L		Analysis Date 05/23/2024 18:52			Prep Da	Prep Date: N/A		
Client ID:		Run ID:	INIC3_24052	3A		SeqNo: 1694575						
Analyte	Result	Limit	SPK value	SPK Ref Val	% Rec	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
Nitrate (as Nitrogen)	4.974	0.10	5.00	0	99.5%	90	110	4.99	0.2%	10		

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

R - RPD outside accepted recovery limits

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No

No No

No

Ng

No

No

No

No

No No

Yes

(es

NA

SAMPLE RECEIPT AND LOGIN CHECKLIST

Sample Receipt

Is the Chain of Custody (COC) present, and all entries permanent and legible?

Is the COC filled out with all pertinent information? (including system & source #s)

Is the COC signed and dated?

Are sample temperature(s) recorded?

Are sample temperature(s) between 0 °C and 6 °C? If "No", notify the client.

Are sample labels legible and consistent with the COC? If "No", notify the client.

Are appropriate sample containers used?

For zero headspace samples (volatiles), are there bubbles pea-sized or larger (~1/4")?

If "Yes", notify the client.

Is there sufficient sample volume for all requested analyses, including MS/MSDs? Have the scientists been notified of any expiring or RUSH samples?

Date: 5/23/74

Client Services Representative (Initial): O MU

Sample Preservation (only fill out if performed)											
Test:	COD	Tot PO₄	Amm	TKN	тос						
	O&G	Metals	531	608		Other:	and the transfer of the transf				
Pres:	H ₂ SO ₄	H ₃ PO ₄	HCI	HNO ₃							
	MCAA	NaOH	Na ₂ S ₂ O			Other:					
Final pH:	< 2	< 3	< 4	≥5&≤9	> 12	Other:					
Residual C	hlorine:										

EPA 608: If the pH is ≥ 5 and ≤ 9 , the holding time is 7 days.

If the pH is not ≥ 5 and ≤ 9 , <u>and</u> samples will not be extracted within 72 hours, adjust the pH to ≥ 5 and ≤ 9 . If the sample is chlorinated <u>and</u> Aldrin is to be determined, dechlorinate the sample with sodium thiosulfate.

Client Services Representative (Initial):

Date/Time:

Sample Login / Client Services

Are the Reporting addresses correct?

Is the date received correct?

Is the due date correct?

Is the Report To line correct?

Is the Order Name correct?

Is the Purchase Order Number (PO#) entered?

Do sample IDs match the COC?

Do sample collection dates and times match the COC?

Are the correct tests and analytes logged in?

If the sample temperature was > 6 °C, was "Temp" case narrative added?

If short HT tests have expired, was the appropriate case narrative added?

Does the pricing match the quote or contract or routine prices?

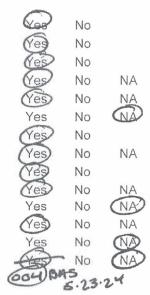
Are subcontract chains present?

Are the deliverables marked correctly on the folder? (SF, EDD, etc.)

Client Services Representative (Initial):



Date: 5.24.24



N	NODELLOCALOT
(HOH)	NORTH COAST LABORATORIES LTD.
M	5680 West End Road • Arcata • CA 95521-9202

Chain of Custody

	707-822-46	549 Fax 707-822-68	31											LABORATORY NUMBER:	0405375
Attent Result Addre	PRESERVATIVE									TAT: STD (2-3 Wk) OPRIOR AUTHORIZATION ERUSH SAMPLES.	other: S REQUIRED FOR				
	Camath Ca :: 707 482 - 0723 s of Report to: Klama	belah danés, prode. Shuta Sq.	548 20-33 Mail:	3.5 Com	CONTAINER									REPORTING REQUIREMEN ☐ State Forms ☐ Geotracker ☐ SWAMP [☐ Final Report PDF ☐ FA	☐ Other EDD:
Samp	ler (Sign & Print): Roberもん	······································	AL Z									***************************************		CONTAINER CODES: 1-42 g 3-500 ml pl; 4-1 L Nalgen	
PROJECT INFORMATION Project Number: Project Name: Llamath (LSD) Purchase Order Number:						Nitrate	At ent : N					6—500 ml BG; 7—1 L BG; 8—40 ml VOA; 9—60 ml VOA; 10—125 ml VOA;11—4 oz glass jar; 12—8 oz glass jar; 13—brass tube; 14—other PRESERVATIVE CODES: a—HNO ₃ ; b—HCl; c—H ₂ SO ₄ ; d—Na ₂ S ₂ O ₃ ; e—NaOH; f—C ₂ H ₃ O ₂ Cl; g—other			
LAB ID	SAMPLE ID	DATE		MATRIX*			<							SPECIAL INSTRUCTIONS	SAMPLE CONDITION
***************************************	LOI WELL	5-22-24	7 PM	GW GW		/	/								Temperature 7.0 °C
			•	***************************************		ļ						-			Received On Ice? (Y, N
														······	Samples Intact? (V/N Preserved? YAS
									************************					F	Preserved @ NCL?
		······									-	-	-		
maniference of the same of	RELINQUISHED BY (Sign &	····	DATE/TIM			RE	CEIVE	D BY (S	Sign)	***************************************	***************************************	DATI	E/TIME	SAMPLE DISPOSAL NCL Disposal of Non-Co	ontaminated Pickup
			*******************************		****************	***********	******************	***************************************	***************************************		······································	-		CHAIN OF CUSTODY SEA	LS Y/N/NA)

*MATRIX: DW=Drinking Water; Eff=Effluent; Inf=Influent; SW=Surface Water; GW=Ground Water; WW=Waste Water; S=Soil; O=Other.

ALL CONTAMINATED NON-AQUEOUS SAMPLES WILL BE RETURNED TO CLIENT