



7/17/2024

Town of Tellico Plains
Mr. Troy Taubert
405 Veterans Memorial Drive
Tellico Plains, TN, 37385

Ref: Analytical Testing
Revised Lab Report Number: 24-176-0003 (Original Report Date 7/12/2024)
Client Project Description: Tellico Plains
405 Veterans Memorial Drive
Tellico Plains, TN 37385
Expanded SOC's - TP001

Dear Mr. Troy Taubert:

Waypoint Analytical Tennessee, Inc. (J) received sample(s) on 6/24/2024 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 were performed in accordance with guidelines established by the USEPA (including 40 CFR 136 Method Update Rule May 2021) unless otherwise indicated.

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,

Billie Haynes
Lab Manager

Sample Summary Table

Report Number:

Lab No	Client Sample ID	Matrix	Date Collected	Date Received	Method	Lab ID
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CERTIFICATE OF ANALYSIS
Reported by Alloway - Marion

Chain of Custody attached

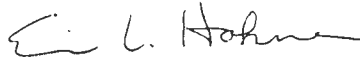
Lab Project # 2422849
Received: 6/25/2024
Reported: 7/12/2024
Date/Time Sampled: 06/23/2024 11:00
Sampled By: TT
Sampled Matrix: Drinking Water
Containers: 13
Collection Method: Grab

 Waypoint Analytical-Jackson Tennessee
 Attn: Billie Haynes
 2269 Dr. F.E. Wright Drive
 Jackson, TN 38305

Project Name: Report# 24-176-0003
Sample ID: Lab# Q97251
Lab Sample # 2422849-01

Analyte	Results	Units	PQL	Analyst	Extraction Date	Analysis Start Date/Time
Analytical Method: EPA 508.0 Rev. 3.1		Preparation Method:		Validation Date: 7/12/2024		
Chlordane (Technical)	<0.095	ug/L	0.095	NJM	06/27/2024	07/09/2024 10:04
Lindane (gamma-BHC)	<0.015	ug/L	0.015	NJM	06/27/2024	07/09/2024 10:04
Methoxychlor	<0.076	ug/L	0.076	NJM	06/27/2024	07/09/2024 10:04
PCB-1016	<0.057	ug/L	0.057	NJM	06/27/2024	07/09/2024 10:04
PCB-1221	<0.095	ug/L	0.095	NJM	06/27/2024	07/09/2024 10:04
PCB-1232	<0.095	ug/L	0.095	NJM	06/27/2024	07/09/2024 10:04
PCB-1242	<0.095	ug/L	0.095	NJM	06/27/2024	07/09/2024 10:04
PCB-1248	<0.076	ug/L	0.076	NJM	06/27/2024	07/09/2024 10:04
PCB-1254	<0.076	ug/L	0.076	NJM	06/27/2024	07/09/2024 10:04
PCB-1260	<0.095	ug/L	0.095	NJM	06/27/2024	07/09/2024 10:04
Total PCBs	<0.095	ug/L	0.095	NJM	06/27/2024	07/09/2024 10:04
(Surrogate) DCB	95.4	%	0.1	NJM	06/27/2024	07/09/2024 10:04
70 - 130						
Analytical Method: EPA 515.1 Rev. 4.0		Preparation Method:		Validation Date: 7/12/2024		
2,4-Dichlorophenoxyacetic acid (2,4-D)	<0.050	ug/L	0.050	KVS	07/01/2024	07/08/2024 03:14
Dalapon	<0.50	ug/L	0.50	KVS	07/01/2024	07/08/2024 03:14
Pentachlorophenol	<0.020	ug/L	0.020	KVS	07/01/2024	07/08/2024 03:14
Picloram	<0.050	ug/L	0.050	KVS	07/01/2024	07/08/2024 03:14
(Surrogate) DCAA	110.7	%		KVS	07/01/2024	07/08/2024 03:14
70 - 130						
Analytical Method: EPA 525.2 Rev. 2.0		Preparation Method:		Validation Date: 7/12/2024		
Atrazine	<0.067	ug/L	0.067	MVM	06/27/2024	07/03/2024 04:19
Alachlor	<0.095	ug/L	0.095	MVM	06/27/2024	07/03/2024 04:19

Analysis Certified By:



Erin L. Hohman

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The results presented on this Certificate of Analysis only reflect those parameters that were requested by the client on the chain of custody or other documentation received with the sample(s). The analytical results relate only to the items tested.


CERTIFICATE OF ANALYSIS
Reported by Alloway - Marion

Chain of Custody attached

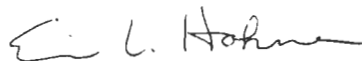
 Waypoint Analytical-Jackson Tennessee
 Attn: Billie Haynes
 2269 Dr. F.E. Wright Drive
 Jackson, TN 38305

Lab Project # 2422849
Received: 6/25/2024
Reported: 7/12/2024
Date/Time Sampled: 06/23/2024 11:00
Sampled By: TT
Sampled Matrix: Drinking Water
Containers: 13
Collection Method: Grab

Project Name: Report# 24-176-0003
Sample ID: Lab# Q97251
Lab Sample # 2422849-01

Analyte	Results	Units	PQL	Analyst	Extraction Date	Analysis Start Date/Time
Benzo(a)pyrene	<0.017	ug/L	0.017	MVM	06/27/2024	07/03/2024 04:19
Di(2-Ethylhexyl) adipate	<0.48	ug/L	0.48	MVM	06/27/2024	07/03/2024 04:19
The recovery in both Laboratory Fortified Blanks is biased above method limits.						
Di(2-Ethylhexyl) Phthalate Bis(2-	<0.48	ug/L	0.48	MVM	06/27/2024	07/03/2024 04:19
The recovery in 1 of 2 Laboratory Fortified Blanks is biased above method limits.						
Simazine	<0.048	ug/L	0.048	MVM	06/27/2024	07/03/2024 04:19
(Surrogate) 1,3-Dimethyl-2-nitrobenzene	91.6	%		MVM	06/27/2024	07/03/2024 04:19
70-130						
(Surrogate) Triphenylphosphate	104.4	%		MVM	06/27/2024	07/03/2024 04:19
70-130						
(Surrogate) Perylene-d12	105.3	%		MVM	06/27/2024	07/03/2024 04:19
70-130						
Analytical Method: EPA 531.2 Rev. 1.0		Preparation Method:			Validation Date: 7/12/2024	
Carbofuran	<0.50	ug/L	0.50	NJM		07/10/2024 13:26
Oxamyl	<0.50	ug/L	0.50	NJM		07/10/2024 13:26
(Surrogate) BDMC	93.0	%	0.1	NJM		07/10/2024 13:26
70 - 130						
Analytical Method: EPA 547 (1990)		Preparation Method:			Validation Date: 7/12/2024	
Glyphosate	<6.0	ug/L	6.0	NJM		07/04/2024
Analytical Method: EPA 548.1 Rev. 1.0		Preparation Method:			Validation Date: 7/12/2024	
Endothall	<9.0	ug/L	9.0	KVS	06/28/2024	07/08/2024 19:42
Analytical Method: EPA 549.2 Rev. 1.0		Preparation Method:			Validation Date: 7/12/2024	
Diquat	<0.40	ug/L	0.40	NJM	06/28/2024	07/02/2024 15:28

Analysis Certified By _____



Erin L. Hohman

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Waypoint Analytical

2269 Dr. F. E. Wright Dr - Jackson TN 38305

731-423-5330
1-800-TEC-1808
FAX 731-423-5326


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PAGE 1 OF 1

CHAIN OF CUSTODY/FIELD DATA SHEET

CLIENT NAME: Waypoint Analytical		PROJECT SITE: Report# 24-176-0003		ANALYSES REQUESTED								
ADDRESS: 2269 Dr. F.E. Wright Dr.		P.O. #		508	515.1	549.2	548.1	525.2	531.2	547		
Jackson TN 38305		RUSH?	(Lab MUST Be Notified)								CLIENT	
PHONE 731-423-5330 Billie Haynes		____ <24 hr. 200%									DATE NEEDED:	
FAX: 731-423-5326		____ 24-48 hr. 1' 100%									FAX? __No__ Yes	
COLLECTED BY: Troy Taubert		____ 48-72 hr. 50%										
# OF CONT.	SAMPLE DESCRIPTION/LOCATION	DATE	TIME	TYPE		MATRIX*	PRESERVATIVE					
				COMP	GRAB							
2	Lab# Q97251	23-Jun	11:00		X	DW	Per Sub Lab	X				
2	Lab# Q97251	23-Jun	11:00		X	DW	Per Sub Lab		X			
1	Lab# Q97251	23-Jun	11:00		X	DW	Per Sub Lab			X		
2	Lab# Q97251	23-Jun	11:00		X	DW	Per Sub Lab			X		
2	Lab# Q97251	23-Jun	11:00		X	DW	Per Sub Lab			X		
1	Lab# Q97251	23-Jun	11:00		X	DW	Per Sub Lab				X	
3	Lab# Q97251	23-Jun	11:00		X	DW	Per Sub Lab				X	

*Matrix: SS - Soil GW - Groundwater TW - Treated Groundwater WW - Wastewater WS - Water Sample WO - Waste Oil DW - Drinking Water SL - Sludge SD - Sediment OT - Other

TELLICO PLAINS WATER DEPT/PWSID# TN0000693 CDMP INFO: Facility ID# TP001 Sampling Point ID# EP001 Sampling Point Name: ENTRY POINT Collected by: Troy Taubert				SHIPPED VIA: UPS <input type="checkbox"/> CLIENT VEHICLE <input type="checkbox"/> FEDX <input type="checkbox"/> LAB VEHICLE <input type="checkbox"/> OTHER <input type="checkbox"/> COOLER #:		
RELINQUISHED BY: <i>[Signature]</i> DATE: 6/24/24 TIME: 12N		RECEIVED BY:		SAMPLES RETURNED VIA: UPS <input type="checkbox"/> CLIENT VEHICLE <input type="checkbox"/> FEDX <input type="checkbox"/> LAB VEHICLE <input type="checkbox"/>		Condition: (lab use only) O.B. ^{er} Wait
RELINQUISHED BY: Project: 2422849		RECEIVED BY:		TEMP: Bottles Received:		
RELINQUISH: 		RECEIVED FOR LAB BY: <i>[Signature]</i>		DATE: 6/25/24 TIME: 1000		pH YES NO

Shipment Receipt Form

Customer Number: **01586**
 Customer Name: **Town of Tellico Plains**
 Report Number: **24-176-0003**

Shipping Method

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

Shipping container/cooler uncompromised?	<input checked="" type="radio"/> Yes	<input type="radio"/> No	
Number of coolers/boxes received	<input type="text" value="1"/>		
Custody seals intact on shipping container/cooler?	<input type="radio"/> Yes	<input type="radio"/> No	<input checked="" type="radio"/> Not Present
Custody seals intact on sample bottles?	<input type="radio"/> Yes	<input type="radio"/> No	<input checked="" type="radio"/> Not Present
Chain of Custody (COC) present?	<input checked="" type="radio"/> Yes	<input type="radio"/> No	
COC agrees with sample label(s)?	<input checked="" type="radio"/> Yes	<input type="radio"/> No	
COC properly completed	<input checked="" type="radio"/> Yes	<input type="radio"/> No	
Samples in proper containers?	<input checked="" type="radio"/> Yes	<input type="radio"/> No	
Sample containers intact?	<input checked="" type="radio"/> Yes	<input type="radio"/> No	
Sufficient sample volume for indicated test(s)?	<input checked="" type="radio"/> Yes	<input type="radio"/> No	
All samples received within holding time?	<input checked="" type="radio"/> Yes	<input type="radio"/> No	
Cooler temperature in compliance?	<input checked="" type="radio"/> Yes	<input type="radio"/> No	<input type="radio"/> Not Present
Cooler/Samples arrived at the laboratory on ice. Samples were considered acceptable as cooling process had begun.	<input checked="" type="radio"/> Yes	<input type="radio"/> No	
Water - Sample containers properly preserved	<input checked="" type="radio"/> Yes	<input type="radio"/> No	<input type="radio"/> N/A
Water - VOA vials free of headspace	<input type="radio"/> Yes	<input type="radio"/> No	<input checked="" type="radio"/> N/A
Trip Blanks received with VOAs	<input type="radio"/> Yes	<input type="radio"/> No	<input checked="" type="radio"/> N/A
Soil VOA method 5035 – compliance criteria met	<input type="radio"/> Yes	<input type="radio"/> No	<input checked="" type="radio"/> N/A
<input type="checkbox"/> High concentration container (48 hr)		<input type="checkbox"/> Low concentration EnCore samplers (48 hr)	
<input type="checkbox"/> High concentration pre-weighed (methanol -14 d)		<input type="checkbox"/> Low conc pre-weighed vials (Sod Bis -14 d)	
Special precautions or instructions included?	<input type="radio"/> Yes	<input checked="" type="radio"/> No	

Comments:

Signature:

Date & Time:

Waypoint Analytical
 2269 Dr. F. E. Wright Drive
 Jackson, TN 38305

(800) 832-1808
 (731) 423-5330
 FAX (731) 423-5326

CLIENT NAME: TELLICO PLAINS WATER DEPARTMENT		Project Name: 9Y - 17 SOC - 2024		ANALYSES REQUESTED					
ADDRESS: 405 Veterans Memorial Drive		PWSID #: TN0000693							
Tellico Plains TN 37385		RUSH? Notify Lab in Advance		CLIENT # 01586					
Contact: <i>Troy Tarbert</i>		<24hr Notify Lab in Advance		DATE NEEDED:					
COLLECTED BY: <i>Troy Tarbert</i>		24-48 Notify Lab in Advance		FAX? <u> </u> No <u> </u> Yes					
48-72 Notify Lab in Advance									
# OF CONT.	SAMPLE DESCRIPTION/ADDRESS	DATE	TIME	TYPE	COMP	GRAB	MATRIX*	PRESERVATIVE	Method
2	TP001	6-19-24	11:00	X	DW	DW	Na2S203	Na2S203	Method 508 Lindane, Methoxychlor, PCB's, Chloradane
2	TP001	6-19-24	11:00	X	DW	DW	Na2S203	Na2S203	Method 515.1 Dalapon, Picloram, 2,4-D, Pentachlorophenol
2	TP001	6-19-24	11:00	X	DW	DW	Sodium Sulfite/HCL	Sodium Sulfite/HCL	Method 525.2 Di(2-ethylhexyl)adipate, Di(2-ethylhexyl)phthalate, Simazine, Atrazine, Alachlor, Benzo(a) Pyrene
xxxx	xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx	xxxxxxxx	xxxxxx	xxxxxx	xxxxxx	xxxxxx	xxxxxxxxxxxxxxxxxxxx	xxxxxxxxxxxxxxxxxxxx	
1	TP001	6-19-24	11:00	X	DW	DW	Na2S203	Na2S203	Method 531.2 Carbofuran, Oxamyl(Vydate)
3	TP001	6-19-24	11:00	X	DW	DW	Na2S203	Na2S203	Method 547 Glyphosphate
1	TP001	6-19-24	11:00	X	DW	DW	None	None	Method 548.1 Endothal
1	TP001	6-19-24	11:00	X	DW	DW	Na2S203/H2S04	Na2S203/H2S04	Method 549 Diquat
<p>Remarks: PACK IN ICE!!!</p> <p>SAMPLE MONDAY-THURSDAY AFTER 1" RAIN</p>									
RELINQUISHED BY: <i>Troy Tarbert</i>		DATE: 6-19	TIME: 13:40	RECEIVED BY: <i>Judith</i>		SHIPPED VIA:		Condition: (lab use only)	
RELINQUISHED BY: <i>Judith</i>		DATE: 6-19	TIME: 15:25	RECEIVED BY: <i>Carb</i>		UPS	CLIENT VEHICLE	LAB VEHICLE	
RELINQUISHED BY:		DATE:	TIME:	RECEIVED FOR LAB BY: <i>Judith</i>		FEDX	LAB VEHICLE	COOLER #:	
						OTHER			
						SAMPLES RETURNED VIA:		Bottles Received: 12	
						TEMP: 20c	DATE: 6/20/24	TIME: 9:45	pH

