

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: 24-176-0004 (Original Report Date 7/12/2024)
Client Project Description: Tellico Plains
405 Veterans Memorial Drive
Tellico Plains, TN 37385
Expanded SOC's - TP002

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

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

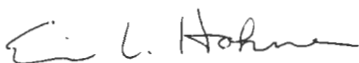
Lab Project # 2422843
Received: 6/25/2024
Reported: 7/12/2024
Date/Time Sampled: 06/23/2024 10:00
Sampled By: TT
Sampled Matrix: Drinking Water
Containers: 13
Collection Method: Grab

Project Name: Report# 24-176-0004

Sample ID: Lab# Q97252
Lab Sample # 2422843-01

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 09:07
Lindane (gamma-BHC)	<0.015	ug/L	0.015	NJM	06/27/2024	07/09/2024 09:07
Methoxychlor	<0.076	ug/L	0.076	NJM	06/27/2024	07/09/2024 09:07
PCB-1016	<0.057	ug/L	0.057	NJM	06/27/2024	07/09/2024 09:07
PCB-1221	<0.095	ug/L	0.095	NJM	06/27/2024	07/09/2024 09:07
PCB-1232	<0.095	ug/L	0.095	NJM	06/27/2024	07/09/2024 09:07
PCB-1242	<0.095	ug/L	0.095	NJM	06/27/2024	07/09/2024 09:07
PCB-1248	<0.076	ug/L	0.076	NJM	06/27/2024	07/09/2024 09:07
PCB-1254	<0.076	ug/L	0.076	NJM	06/27/2024	07/09/2024 09:07
PCB-1260	<0.095	ug/L	0.095	NJM	06/27/2024	07/09/2024 09:07
Total PCBs	<0.095	ug/L	0.095	NJM	06/27/2024	07/09/2024 09:07
(Surrogate) DCB	98.5	%	0.1	NJM	06/27/2024	07/09/2024 09:07
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 01:03
Dalapon	<0.50	ug/L	0.50	KVS	07/01/2024	07/08/2024 01:03
Pentachlorophenol	<0.020	ug/L	0.020	KVS	07/01/2024	07/08/2024 01:03
Picloram	<0.050	ug/L	0.050	KVS	07/01/2024	07/08/2024 01:03
(Surrogate) DCAA	103.0	%		KVS	07/01/2024	07/08/2024 01:03
70 - 130						
Analytical Method: EPA 525.2 Rev. 2.0		Preparation Method:			Validation Date: 7/12/2024	
Atrazine	<0.068	ug/L	0.068	MVM	06/27/2024	07/03/2024 03:45
Alachlor	<0.097	ug/L	0.097	MVM	06/27/2024	07/03/2024 03:45

Analysis Certified By



Erin L. Hohman

This report shall not be reproduced, except in its entirety, without the written approval of the laboratory.

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 # 2422843
Received: 6/25/2024
Reported: 7/12/2024
Date/Time Sampled: 06/23/2024 10:00
Sampled By: TT
Sampled Matrix: Drinking Water
Containers: 13
Collection Method: Grab

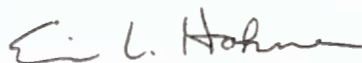
Project Name: Report# 24-176-0004

Sample ID: Lab# Q97252

Lab Sample # 2422843-01

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 03:45
Di(2-Ethylhexyl) adipate	<0.49	ug/L	0.49	MVM	06/27/2024	07/03/2024 03:45
The recovery in both Laboratory Fortified Blanks is biased above method limits.						
Di(2-Ethylhexyl) Phthalate, Bis(2-	<0.49	ug/L	0.49	MVM	06/27/2024	07/03/2024 03:45
The recovery in 1 of 2 Laboratory Fortified Blanks is biased above method limits.						
Simazine	<0.049	ug/L	0.049	MVM	06/27/2024	07/03/2024 03:45
(Surrogate) 1,3-Dimethyl-2-nitrobenzene	91.5	%		MVM	06/27/2024	07/03/2024 03:45
70-130						
(Surrogate) Triphenylphosphate	104.8	%		MVM	06/27/2024	07/03/2024 03:45
70-130						
(Surrogate) Perylene-d12	96.6	%		MVM	06/27/2024	07/03/2024 03:45
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 10:04
Oxamyl	<0.50	ug/L	0.50	NJM		07/10/2024 10:04
(Surrogate) BDMC	90.4	%	0.1	NJM		07/10/2024 10:04
70 - 130						
Analytical Method: EPA 547 (1990)			Preparation Method:		Validation Date: 7/12/2024	
Glyphosate	<6.0	ug/L	6.0	NJM		07/03/2024 23:32
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 18:45
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 15:20

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

PAGE 1 OF 1

CHAIN OF CUSTODY/FIELD DATA SHEET

CLIENT NAME: Waypoint Analytical		PROJECT SITE: Report# 24-176-0004		ANALYSES REQUESTED																																			
ADDRESS: 2269 Dr. F.E. Wright Dr.		P.O. #		<table border="1"> <tr><td>508</td><td>515.1</td><td>549.2</td><td>548.1</td><td>525.2</td><td>531.2</td><td>547</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> </table>								508	515.1	549.2	548.1	525.2	531.2	547																					
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. 100%																																					
COLLECTED BY: Troy Taubert		48-72 hr. 50%		FAX? No Yes																																			
# OF CONT.	SAMPLE DESCRIPTION/LOCATION	DATE	TIME	TYPE		MATRIX*	PRESERVATIVE																																
				COMP	GRAB																																		
2	Lab# Q97252	23-Jun	10:00		X	DW	Per Sub Lab	X																															
2	Lab# Q97252	23-Jun	10:00		X	DW	Per Sub Lab		X																														
1	Lab# Q97252	23-Jun	10:00		X	DW	Per Sub Lab			X																													
2	Lab# Q97252	23-Jun	10:00		X	DW	Per Sub Lab				X																												
2	Lab# Q97252	23-Jun	10:00		X	DW	Per Sub Lab					X																											
1	Lab# Q97252	23-Jun	10:00		X	DW	Per Sub Lab						X																										
3	Lab# Q97252	23-Jun	10:00		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

TELICO PLAINS WATER DEPT/PWSID# TN0000693 CDMP INFO: Facility ID# TP002 Sampling Point ID# EP002 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> RELINQUISHED BY:				DATE: <i>06/24/05</i> TIME: <i>12:00</i> DATE: TIME: RECEIVED BY:			
RELIN: Project: 2422843				DATE: <i>06/24/05</i> TIME: <i>1000</i> RECEIVED FOR LAB BY: <i>[Signature]</i>			
				TEMP: Bottles Received: <i>4.8" marks</i> pH YES NO			

Shipment Receipt Form

Customer Number: **01586**

Customer Name: **Town of Tellico Plains**

Report Number: **24-176-0004**

Shipping Method

<input type="radio"/> Fed Ex	<input type="radio"/> US Postal	<input type="radio"/> Lab	<input type="radio"/> Other :	<input type="text"/>
<input type="radio"/> UPS	<input type="radio"/> Client	<input checked="" type="radio"/> Courier	Thermometer ID:	<input type="text" value="IR1"/>

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?		CLIENT # 01586				
Contact: <i>Troy Toubert</i>		<24hr		DATE NEEDED:				
		24-48						
COLLECTED BY: <i>Troy Toubert</i>		48-72		FAX? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes				
# OF CONT.	SAMPLE DESCRIPTION/ADDRESS	DATE	TIME	TYPE	COMP	GRAB	MATRIX*	PRESERVATIVE
2	TP002	6-19-24	10:00		X	DW	Na2S2O3	Method 508 Lindane, Methoxychlor, PCB's, Chloradane
2	TP002	6-19-24	10:00		X	DW	Na2S2O3	Method 515.1 Dalapon, Picloram, 2,4-D, Pentachlorophenol
2	TP002	6-19-24	10:00		X	DW	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	xxxxxx	Method 531.2 Carbofuran, Oxamyl(Vydate)
1	TP002	6-19-24	10:00		X	DW	Na2S2O3	Method 547 Glyphosphate
3	TP002	6-19-24	10:00		X	DW	Na2S2O3	Method 548.1 Endothal
1	TP002	6-19-24	10:00		X	DW	None	Method 549 Diquat
1	TP002	6-19-24	10:00		X	DW	Na2S2O3/H2S04	
<p>Remarks: PACK IN ICE!!!</p> <p>SAMPLE MONDAY-THURSDAY AFTER 1" RAIN</p>								
RELINQUISHED BY: <i>Troy Toubert</i>		DATE: 6-19-24	TIME: 1:40	RECEIVED BY: <i>Troy Toubert</i>		SHIPPED VIA:		
RELINQUISHED BY: <i>Troy Toubert</i>		DATE: 6-19-24	TIME: 15:17	RECEIVED BY: <i>Troy Toubert</i>		UPS <input type="checkbox"/> CLIENT VEHICLE <input type="checkbox"/> FEDX <input type="checkbox"/> LAB VEHICLE <input type="checkbox"/> OTHER <input type="checkbox"/> COOLER #: <input type="checkbox"/>		
RELINQUISHED BY: <i>Troy Toubert</i>		DATE: 6-19-24	TIME: 15:17	RECEIVED FOR LAB BY: <i>Troy Toubert</i>		SAMPLES RETURNED VIA: <input type="checkbox"/> CLIENT VEHICLE <input type="checkbox"/> UPS <input type="checkbox"/> LAB VEHICLE <input type="checkbox"/> FEDX <input type="checkbox"/> LAB VEHICLE <input type="checkbox"/>		
		DATE: 6-19-24	TIME: 15:17	Bottles Received: 12		Condition: (lab use only)		
		DATE: 6-19-24	TIME: 15:17	DATE: 6/20/24		TIME: 9:45		
		DATE: 6-19-24	TIME: 15:17	pH				

