

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY  
WATER QUALITY PARAMETER MONITORING FORM (WQPMF) 20679

<b>COMPLETED BY PWS (OR AGENT)</b>		<b>COMPLETED BY LABORATORY</b>	
PWS Name:	City of Tyler	Laboratory Name:	SPL, Inc. - Kilgore
PWS ID:	TX 2120004	TCEQ Lab ID #:	2600 Dudley Rd., Kilgore, TX 75662
PWS Address:	14792 CR 192	Laboratory Address:	TCEQ Lab ID# T104704201
PWS Contact:	Shane Wheeler	Laboratory Contact:	Tracey Varvel
PWS Contact Phone #:	903-939-8716	Laboratory Contact Phone #:	903-984-0551

Inhibitor or Stabilizer Used (✓)  phosphate  silica  calcium carbonate

**SAMPLE INFORMATION**

Sample Collector Name: James Campion      Sample Collector Organization: City of Tyler

Sample Collector (✓):  Public Water System     Accredited Lab     3<sup>rd</sup> Party Contractor    LAB ID #:

Temperature and pH (Y or N)  Are temperature and pH included on the sampling entry/Laboratory Approval Form on file at the TCEQ?  Were temperature and pH measured in the field within 15 minutes of sample collection?  Parameters Requested: Analysis are required for the parameters checked below. \*If inhibitors containing phosphate or silica are used, parameters should be analyzed depending on which is used.

Facility ID entry point (PBCU###) or distribution (DS01)	Sample Point ID entry point (EWQP) or distribution (DSTWQP)	Sample Location (address of sample point)	Sample Collection Date (MM/DD/YY)	Sample Collection Time-24 Hr (HHMM)	Field Measured Sample pH	Field Measured Sample Temp (°C)	Replacement Indicator (✓)	Original Sample ID#	Original Sample Date (MM/DD/YY)	Lab Sample ID	alkalinity (1927)	calcium (1919)	chloride (1917)	conductivity (1064)	hardness (1915)	iron (1028)	manganese (1032)	sodium (1052)	sulfate (1055)	TDS (1030)	orthophosphate (as P) (1044)	silica (1049)
PBCU001	EWQP	2228 Golden Road	03/27/24	1105	9.20	17.6	<input type="checkbox"/>			2285 H32	<input checked="" type="checkbox"/>											
PBCU012	EWQP	14792 CR 192	03/27/24	1325	9.24	18.0	<input type="checkbox"/>			2285 H 39	<input checked="" type="checkbox"/>											
DS01	DSTWQP	1612 Brynmar	03/27/24	1020	9.06	20.1	<input type="checkbox"/>			2285 H 34	<input checked="" type="checkbox"/>											

Sample Collection Acknowledgement: I acknowledge that information on this form is true and correct, and sites selected for sampling follow the instructions in the TCEQ Monitoring and Sample Collection Guidance for Water Quality Parameters. This includes, but is not limited to the measurement of pH and temperature immediately upon collection. Falsification of this form or tampering with water samples is a crime punishable under state and/or federal law. (Texas Penal Code, Title 9, Chapter 37, Section 37.10)

Sample Conditions Upon Receipt (✓)  Samples received unpreserved?  Iced  Ambient

Name of Authorized PWS Representative (Print): James Campion	PWS Representative Signature: <i>James Campion</i>	Organization: City of Tyler	Date: 03/28/24	Rejection Code (if applicable):	Actual/Corrected sample temperature (°C): 06/0.5 C
				Date/time of sample preservation (acidified): N/A	Thermometer ID #: 724Z

<b>CHAIN OF CUSTODY</b>				<b>Laboratory Comments:</b>	
Relinquished By Sampler (Signature): <i>James Campion</i>	Date/Time: 1335 03/28/24	Relinquished By Courier (Signature): <i>Barry Dagnel</i>	Date/Time: 3/28/24 1435	3/28 1557/14 Date      Time      Tech Temp: 0.6/0.5 C Therm#: 7242 Corr Fact: -0.1 C	
Received By Courier (Signature): <i>Barry Dagnel</i>	Date/Time: 3-28-24 1335	Received By Lab (Signature): <i>mcg...</i>	Date/Time: 3/28/24 1439		

TCEQ-20679 (Rev. 11/2023)

*Project*  
**1097350**

## TYLU-A

City of Tyler/Palestine Plant  
Patrick Smith  
PO Box 2039  
Tyler, TX 75710-2039

Printed 04/05/2024  
7:36

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# SAMPLE CROSS REFERENCE

Project  
**1097350**

City of Tyler/Palestine Plant  
 Patrick Smith  
 PO Box 2039  
 Tyler, TX 75710-2039

Printed 4/5/2024 Page 1 of 1  
 TX2120004\_010

Sample	Sample ID	Taken	Time	Received
2285432	2228 GOLDEN ROAD	03/27/2024	11:05:00	03/28/2024

Bottle 01 Polyethylene 1/2 gal (White)

Method	Bottle	PrepSet	Preparation	QcGroup	Analytical
SM 2320 B-2011	01	1112301	04/02/2024	1112301	04/02/2024
SM 2550 B-2000			03/27/2024		03/27/2024
SM 4500-H+ B-2011			03/27/2024		03/27/2024

Sample	Sample ID	Taken	Time	Received
2285433	14792 CR 192	03/27/2024	13:25:00	03/28/2024

Bottle 01 Polyethylene 1/2 gal (White)

Method	Bottle	PrepSet	Preparation	QcGroup	Analytical
SM 2320 B-2011	01	1112301	04/02/2024	1112301	04/02/2024
SM 2550 B-2000			03/27/2024		03/27/2024
SM 4500-H+ B-2011			03/27/2024		03/27/2024

Sample	Sample ID	Taken	Time	Received
2285434	1612 BRYNMAR	03/27/2024	10:20:00	03/28/2024

Bottle 01 Polyethylene 1/2 gal (White)

Method	Bottle	PrepSet	Preparation	QcGroup	Analytical
SM 2320 B-2011	01	1112301	04/02/2024	1112301	04/02/2024
SM 2550 B-2000			03/27/2024		03/27/2024
SM 4500-H+ B-2011			03/27/2024		03/27/2024

Email: [Kilgore.ProjectManagement@spllabs.com](mailto:Kilgore.ProjectManagement@spllabs.com)

# TYLU-A

City of Tyler/Palestine Plant  
 Patrick Smith  
 PO Box 2039  
 Tyler, TX 75710-2039

Project  
**1097350**

Report Date: 04/03/2024  
 Printed: 04/05/2024

## RESULTS

### Sample Results

**2285432 2228 GOLDEN ROAD** Received: 03/28/2024  
 Drinking Water Collected by: J CAMPION City of Tyler/Palest PO:  
Taken: 03/27/2024 11:05:00

SM 2320 B-2011	Prepared:	1112301 04/02/2024	10:12:00	Analyzed	1112301 04/02/2024	10:12:00	KNI
Parameter	Results	Units	RL	Flags	CAS		Bottle
<b>Total Alkalinity (as CaCO3)</b>	<b>33.7</b>	<b>mg/L</b>	1.00				01

SM 2550 B-2000	Prepared:	03/27/2024	11:05:00	Analyzed	03/27/2024	11:05:00	JC
Parameter	Results	Units	RL	Flags	CAS		Bottle
<b>Temperature/Client Provided</b>	<b>17.6</b>	<b>Degrees C</b>	1				

SM 4500-H+ B-2011	Prepared:	03/27/2024	11:05:00	Analyzed	03/27/2024	11:05:00	JC
Parameter	Results	Units	RL	Flags	CAS		Bottle
<b>pH Client Provided</b>	<b>9.20</b>	<b>SU</b>	0				

**2285433 14792 CR 192** Received: 03/28/2024  
 Drinking Water Collected by: J CAMPION City of Tyler/Palest PO:  
Taken: 03/27/2024 13:25:00

SM 2320 B-2011	Prepared:	1112301 04/02/2024	10:12:00	Analyzed	1112301 04/02/2024	10:12:00	KNI
Parameter	Results	Units	RL	Flags	CAS		Bottle
<b>Total Alkalinity (as CaCO3)</b>	<b>38.5</b>	<b>mg/L</b>	1.00				01

SM 2550 B-2000	Prepared:	03/27/2024	11:05:00	Analyzed	03/27/2024	11:05:00	JC
Parameter	Results	Units	RL	Flags	CAS		Bottle
<b>Temperature/Client Provided</b>	<b>18.0</b>	<b>Degrees C</b>	1				



**TYLU-A**

City of Tyler/Palestine Plant  
 Patrick Smith  
 PO Box 2039  
 Tyler, TX 75710-2039

Project  
**1097350**

Report Date: 04/03/2024  
 Printed: 04/05/2024

**2285433 14792 CR 192**

Received: 03/28/2024

Drinking Water  
 Collected by: J CAMPION City of Tyler/Palest  
 Taken: 03/27/2024 13:25:00 PO:

SM 4500-H+ B-2011	Prepared:	03/27/2024	11:05:00	Analyzed	03/27/2024	11:05:00	JC
Parameter	Results	Units	RL	Flags	CAS	Bottle	
pH Client Provided	9.24	SU	0				

**2285434 1612 BRYNMAR**

Received: 03/28/2024

Drinking Water  
 Collected by: J CAMPION City of Tyler/Palest  
 Taken: 03/27/2024 10:20:00 PO:

SM 2320 B-2011	Prepared:	1112301	04/02/2024	10:12:00	Analyzed	1112301	04/02/2024	10:12:00	KN1
Parameter	Results	Units	RL	Flags	CAS	Bottle			
Total Alkalinity (as CaCO3)	33.7	mg/L	1.00						01

SM 2550 B-2000	Prepared:	03/27/2024	11:05:00	Analyzed	03/27/2024	11:05:00	JC
Parameter	Results	Units	RL	Flags	CAS	Bottle	
Temperature/Client Provided	20.1	Degrees C	1				

SM 4500-H+ B-2011	Prepared:	03/27/2024	11:05:00	Analyzed	03/27/2024	11:05:00	JC
Parameter	Results	Units	RL	Flags	CAS	Bottle	
pH Client Provided	9.06	SU	0				

**Sample Preparation**

**2285432 2228 GOLDEN ROAD**

Received: 03/28/2024

03/27/2024

Prepared: 04/02/2024 08:42:38 Calculated 04/02/2024 08:42:38 CAL



**TYLU-A**

City of Tyler/Palestine Plant  
 Patrick Smith  
 PO Box 2039  
 Tyler, TX 75710-2039

*Project*  
**1097350**

Report Date: 04/03/2024  
 Printed: 04/05/2024

**2285432 2228 GOLDEN ROAD**

Received: 03/28/2024

03/27/2024

*Prepared: 04/02/2024 08:42:38 Calculated 04/02/2024 08:42:38 CAL*

**Environmental Fee (per Project) Verified**  
**State Reporting Fee Verified**

*Prepared: 04/03/2024 00:00:00 Analyzed 04/03/2024 00:00:00 BMS*

**TCEQ WQP Form See Attached**

**2285433 14792 CR 192**

Received: 03/28/2024

03/27/2024

*Prepared: 04/02/2024 08:42:41 Calculated 04/02/2024 08:42:41 CAL*

**State Reporting Fee Verified**

**2285434 1612 BRYNMAR**

Received: 03/28/2024

03/27/2024

*Prepared: 04/02/2024 08:42:43 Calculated 04/02/2024 08:42:43 CAL*

**State Reporting Fee Verified**

**2285435 Sample Pickup**

Received: 03/28/2024

03/28/2024





# QUALITY CONTROL



## TYLU-A

City of Tyler/Palestine Plant  
 Patrick Smith  
 PO Box 2039  
 Tyler, TX 75710-2039

Project  
**1097350**

Printed 04/05/2024

Analytical Set **1112301**

**SM 2320 B-2011**

### Blank

Parameter	PrepSet	Reading	MDL	MQL	Units	File
Total Alkalinity (as CaCO3)	1112301	ND	1.00	1.00	mg/L	126171660

### CCV

Parameter	Reading	Known	Units	Recover%	Limits%	File
Total Alkalinity (as CaCO3)	26.5	25.0	mg/L	106	90.0 - 110	126171659
Total Alkalinity (as CaCO3)	27.0	25.0	mg/L	108	90.0 - 110	126171673
Total Alkalinity (as CaCO3)	26.0	25.0	mg/L	104	90.0 - 110	126171686

### Duplicate

Parameter	Sample	Result	Unknown	Unit	RPD	Limit%
Total Alkalinity (as CaCO3)	2284434	61.7	62.1	mg/L	0.646	20.0
Total Alkalinity (as CaCO3)	2284711	306	306	mg/L	0	20.0

### ICV

Parameter	Reading	Known	Units	Recover%	Limits%	File
Total Alkalinity (as CaCO3)	27.0	25.0	mg/L	108	90.0 - 110	126171658

### Mat. Spike

Parameter	Sample	Spike	Unknown	Known	Units	Recovery %	Limits %	File
Total Alkalinity (as CaCO3)	2284434	87.7	62.1	25.0	mg/L	102	70.0 - 130	126171676
Total Alkalinity (as CaCO3)	2284711	331	306	25.0	mg/L	100	70.0 - 130	126171663

\* Out RPD is Relative Percent Difference:  $\text{abs}(r1-r2) / \text{mean}(r1,r2) * 100\%$

Recover% is Recovery Percent:  $\text{result} / \text{known} * 100\%$

Blank - Method Blank (reagent water or other blank matrices that contains all reagents except standard(s) and is processed simultaneously with and under the same conditions as samples; carried through preparation and analytical procedures exactly like a sample; monitors); CCV - Continuing Calibration Verification (same standard used to prepare the curve; typically a mid-range concentration; verifies the continued validity of the calibration curve); ICV - Initial Calibration Verification



1097350 CoC Print Group 001 of 001

2600 Dudley Rd. Kilgore, Texas 75662  
Office: 903-984-0551 \* Fax: 903-984-5914



# CHAIN OF CUSTODY

City of Tyler/Palestine Plant  
Patrick Smith  
PO Box 2039  
Tyler, TX 75710-2039

**TYLU-A**  
**010**

Printed 03/28/2024 Page 1 of 1  
Lab Number 2286435  
PO Number \_\_\_\_\_  
Phone 903/939-0241

## Sample Pickup

Hand Delivered by Client to Region or LAB

Matrix: Drinking Water

Sample Collection Start

Date: 3-28-24 Time: 4:00

Sampler Printed Name: Barry Dague

Sampler Affiliation: SPL

Sampler Signature: [Signature]

Samples Radioactive?

Samples Contains Dioxin?

Samples Biological Hazard?

0 Z -- No bottle required

PuCh Sampling/Transport

Ambient Conditions/Comments

Date Time	Relinquished	Date Time	Received
<u>3/28/24</u>	<u>[Signature]</u> Printed Name: _____ Signature: _____ Attribution: <u>SPL</u>		Printed Name: _____ Signature: _____ Attribution: _____
<u>1435</u>	<u>[Signature]</u> Printed Name: _____ Signature: _____ Attribution: _____		Printed Name: _____ Signature: _____ Attribution: _____
	Printed Name: _____ Signature: _____ Attribution: _____		Printed Name: _____ Signature: _____ Attribution: _____
	Printed Name: _____ Signature: _____ Attribution: _____		Printed Name: _____ Signature: _____ Attribution: _____
	Printed Name: _____ Signature: _____ Attribution: _____		Printed Name: _____ Signature: _____ Attribution: _____

Sample Received on Ice?  Yes  No

Cooler/Sample Secure?  Yes  No If Shipped: Tracking Number & Temp - See Attached

The accredited column designates accreditation by A - A2LA, N - NELAC, or z - not listed under scope of accreditation. ANA-LAB shall provide these ordered services pursuant to our Standard Terms & Conditions Agreement (available for download from the welcome page at <http://www.ana-lab.com>). Ana-Lab personnel collect samples as specified by Ana-Lab SOP #000323.

Comments



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY  
WATER QUALITY PARAMETER MONITORING FORM (WQPMF) 20679

<b>COMPLETED BY PWS (OR AGENT)</b>		<b>COMPLETED BY LABORATORY</b>	
PWS Name:	City of Tyler	Laboratory Name:	SPL, Inc. - Kilgore
PWS ID:	Tx 2120004	TCEQ Lab ID #:	2600 Dudley Rd., Kilgore, TX 75662
PWS Address:	14792 CR 192	Laboratory Address:	TCEQ Lab ID# T104704201
PWS Contact:	Shane Wheeler	Laboratory Contact:	Tracey Varvel
PWS Contact Phone #:	903-939-8716	Laboratory Contact Phone #:	903-984-0551

Inhibitor or Stabilizer Used (✓)  phosphate  silica  calcium carbonate

SAMPLE INFORMATION

Sample Collector Name: James Campion      Sample Collector Organization: City of Tyler

Sample Collector (✓):  Public Water System     Accredited Lab     3<sup>rd</sup> Party Contractor    LAB ID#:

Temperature and pH (Y or N)  Are temperature and pH included on the sampling entry's Laboratory Approval Form on file at the TCEQ?  Were temperature and pH measured in the field within 15 minutes of sample collection?  Parameters Requested: Analyses are required for the parameters checked below. \*If inhibitors containing phosphate or silica are used, parameters should be analyzed depending on which is used.

Facility ID entry point (PBCU##) or distribution (DSO#)	Sample Point ID entry point (EWQP) or distribution (DSTWQP)	Sample Location (address of sample point)	Sample Collection Date (MM/DD/YY)	Sample Collection Time-24 Hr (HHMM)	Field Measured Sample pH	Field Measured Sample Temp (°C)	Replacement Indicator (✓)	Original Sample ID#	Original Sample Date (MM/DD/YY)	Lab Sample ID	alkalinity (1927)	calcium (1949)	chloride (1037)	conductivity (1064)	hardness (1915)	iron (1028)	manganese (1032)	sodium (1052)	sulfate (1055)	TDS (1030)	orthophosphate (as P) (1044)	silica (1049)
PBCU001	EWQP	2228 Golden Road	03/27/24	1105	9.20	17.6	<input type="checkbox"/>			2285432	<input checked="" type="checkbox"/>											
PBCU012	EWQP	14792 CR 192	03/27/24	1325	9.24	18.0	<input type="checkbox"/>			2285439	<input checked="" type="checkbox"/>											
DSO1	DSTWQP	1612 Brynmar	03/27/24	1020	9.06	20.1	<input type="checkbox"/>			2285434	<input checked="" type="checkbox"/>											

Sample Collection Acknowledgement: I acknowledge that information on this form is true and correct, and sites selected for sampling follow the instructions in the TCEQ Monitoring and Sample Collection Guidance for Water Quality Parameters. This includes, but is not limited to the measurement of pH and temperature immediately upon collection. Falsification of this form or tampering with water samples is a crime punishable under state and/or federal laws. (Texas Penal Code, Title 8, Chapter 37, Section 37.10)

Sample Conditions Upon Receipt (✓)  Samples received unpreserved?  Iced  Ambient

Name of Authorized PWS Representative (Print): James Campion	PWS Representative Signature: <i>James Campion</i>	Organization: City of Tyler	Date: 03/28/24	Rejection Code (if applicable):	Date/time of sample preservation (acknowledged): N/A	Actual/corrected sample temperature (°C): 0610.5 C	Thermometer ID #: 7242
--	--	-----------------------------	----------------	---------------------------------	--	--	------------------------

**CHAIN OF CUSTODY**

Relinquished By Sampler (Signature): <i>James Campion</i>	Date/Time: 3-28-24 1335	Relinquished By Courier (Signature): <i>Barry Dagnel</i>	Date/Time: 3/28/24 1435
Received By Courier (Signature): <i>Barry Dagnel</i>	Date/Time: 3-28-24 1335	Received By Lab (Signature): <i>Morgan</i>	Date/Time: 3/28/24 1435

Laboratory Comments: 3/28 1557 1G  
Date Time Tech  
Temp: 0.610.5 C  
Therm#: 7242 Corr Fact: -0.1 C

TCEQ-20679 (Rev. 11/2023)