

NWDLS North Water District
Laboratory Services, Inc.
8725 Fawn Trail - The Woodlands, TX 77385
(936) 321-6060 - fax (936) 321-6061 - lab@nwdls.com

Monthly Test Report
Telge Manor Potable - Municipal Operations and Consulting
July 2015

Report #320315F Report Generated 08/03/2015 13:24
Site: MUN 1688 Page 1 of 1

LCR001 Collection Point - Grab

Sample Time	C	Received Lab	Cu mg/L	Pb mg/L
07/13 21:00	CK	07/20 19:17	0.005 <small>07/27 16:14 CL</small>	<0.001 <small>07/27 16:14 CL</small>

LCR002 Collection Point - Grab

Sample Time	C	Received Lab	Cu mg/L	Pb mg/L
07/16 06:45	CK	07/20 19:17	0.003 <small>07/27 16:18 CL</small>	<0.001 <small>07/27 16:18 CL</small>

LCR003 Collection Point - Grab

Sample Time	C	Received Lab	Cu mg/L	Pb mg/L
07/14 06:00	CK	07/20 19:17	0.014 <small>07/27 15:08 CL</small>	<0.001 <small>07/27 16:36 CL</small>

LCR004 Collection Point - Grab

Sample Time	C	Received Lab	Cu mg/L	Pb mg/L
07/15 08:00	CK	07/20 19:17	0.007 <small>07/27 16:39 CL</small>	<0.001 <small>07/27 16:39 CL</small>

LCR005 Collection Point - Grab

Sample Time	C	Received Lab	Cu mg/L	Pb mg/L
07/13 07:30	CK	07/20 19:17	0.023 <small>07/27 16:42 CL</small>	0.004 <small>07/27 16:42 CL</small>

LCR006 Collection Point - Grab

Sample Time	C	Received Lab	Cu mg/L	Pb mg/L
07/15 07:00	CK	07/20 19:17	0.006 <small>07/27 16:46 CL</small>	<0.001 <small>07/27 16:46 CL</small>

LCR008 Collection Point - Grab

Sample Time	C	Received Lab	Cu mg/L	Pb mg/L
07/14 21:00	CK	07/20 19:17	0.013 <small>07/27 16:49 CL</small>	<0.001 <small>07/27 16:49 CL</small>

LCR009 Collection Point - Grab

Sample Time	C	Received Lab	Cu mg/L	Pb mg/L
07/14 21:20	CK	07/20 19:17	0.014 <small>07/27 16:52 CL</small>	<0.001 <small>07/27 16:52 CL</small>

LCR010 Collection Point - Grab

Sample Time	C	Received Lab	Cu mg/L	Pb mg/L
07/13 21:55	CK	07/20 19:17	0.043 <small>07/27 16:55 CL</small>	0.004 <small>07/27 16:55 CL</small>

LCR011 Collection Point - Grab

Sample Time	C	Received Lab	Cu mg/L	Pb mg/L
07/12 08:00	CK	07/20 19:17	0.024 <small>07/27 17:05 CL</small>	0.001 <small>07/27 17:05 CL</small>


Deena McDaniel – Compliance Coordinator

LCR001 Collection Point - Grab

Sample Time	C	Received Lab	Duplicate Cu mg/L	Spike Cu mg/L	Standard Cu mg/L	Blank Cu mg/L	Duplicate Pb mg/L	Spike Pb mg/L	Standard Pb mg/L	Blank Pb mg/L
07/13 21:00	CK	07/20 19:17	0.006/0.006 07/27 15:08 CL	0.087/0.100 07/27 15:08 CL	0.103/0.100 07/27 15:08 CL	<0.001 07/27 15:08 CL	0.001/0.001 07/27 15:08 CL	0.050/0.050 07/27 15:08 CL	0.052/0.050 07/27 15:08 CL	<0.001 07/27 15:08 CL

LCR002 Collection Point - Grab

Sample Time	C	Received Lab	Duplicate Cu mg/L	Spike Cu mg/L	Standard Cu mg/L	Blank Cu mg/L	Duplicate Pb mg/L	Spike Pb mg/L	Standard Pb mg/L	Blank Pb mg/L
07/16 06:45	CK	07/20 19:17	0.006/0.006 07/27 15:08 CL	0.087/0.100 07/27 15:08 CL	0.103/0.100 07/27 15:08 CL	<0.001 07/27 15:08 CL	0.001/0.001 07/27 15:08 CL	0.050/0.050 07/27 15:08 CL	0.052/0.050 07/27 15:08 CL	<0.001 07/27 15:08 CL

LCR003 Collection Point - Grab

Sample Time	C	Received Lab	Duplicate Cu mg/L	Spike Cu mg/L	Standard Cu mg/L	Blank Cu mg/L	Duplicate Pb mg/L	Spike Pb mg/L	Standard Pb mg/L	Blank Pb mg/L
07/14 06:00	CK	07/20 19:17	0.006/0.006 07/27 15:08 CL	0.087/0.100 07/27 15:08 CL	0.103/0.100 07/27 15:08 CL	<0.001 07/27 15:08 CL	0.001/0.001 07/27 15:08 CL	0.050/0.050 07/27 15:08 CL	0.052/0.050 07/27 15:08 CL	<0.001 07/27 15:08 CL

LCR004 Collection Point - Grab

Sample Time	C	Received Lab	Duplicate Cu mg/L	Spike Cu mg/L	Standard Cu mg/L	Blank Cu mg/L	Duplicate Pb mg/L	Spike Pb mg/L	Standard Pb mg/L	Blank Pb mg/L
07/15 08:00	CK	07/20 19:17	0.006/0.006 07/27 15:08 CL	0.087/0.100 07/27 15:08 CL	0.103/0.100 07/27 15:08 CL	<0.001 07/27 15:08 CL	0.001/0.001 07/27 15:08 CL	0.050/0.050 07/27 15:08 CL	0.052/0.050 07/27 15:08 CL	<0.001 07/27 15:08 CL

LCR005 Collection Point - Grab

Sample Time	C	Received Lab	Duplicate Cu mg/L	Spike Cu mg/L	Standard Cu mg/L	Blank Cu mg/L	Duplicate Pb mg/L	Spike Pb mg/L	Standard Pb mg/L	Blank Pb mg/L
07/13 07:30	CK	07/20 19:17	0.006/0.006 07/27 15:08 CL	0.087/0.100 07/27 15:08 CL	0.103/0.100 07/27 15:08 CL	<0.001 07/27 15:08 CL	0.001/0.001 07/27 15:08 CL	0.050/0.050 07/27 15:08 CL	0.052/0.050 07/27 15:08 CL	<0.001 07/27 15:08 CL

LCR006 Collection Point - Grab

Sample Time	C	Received Lab	Duplicate Cu mg/L	Spike Cu mg/L	Standard Cu mg/L	Blank Cu mg/L	Duplicate Pb mg/L	Spike Pb mg/L	Standard Pb mg/L	Blank Pb mg/L
07/15 07:00	CK	07/20 19:17	0.006/0.006 07/27 15:08 CL	0.087/0.100 07/27 15:08 CL	0.103/0.100 07/27 15:08 CL	<0.001 07/27 15:08 CL	0.001/0.001 07/27 15:08 CL	0.050/0.050 07/27 15:08 CL	0.052/0.050 07/27 15:08 CL	<0.001 07/27 15:08 CL

LCR008 Collection Point - Grab

Sample Time	C	Received Lab	Duplicate Cu mg/L	Spike Cu mg/L	Standard Cu mg/L	Blank Cu mg/L	Duplicate Pb mg/L	Spike Pb mg/L	Standard Pb mg/L	Blank Pb mg/L
07/14 21:00	CK	07/20 19:17	0.006/0.006 07/27 15:08 CL	0.087/0.100 07/27 15:08 CL	0.103/0.100 07/27 15:08 CL	<0.001 07/27 15:08 CL	0.001/0.001 07/27 15:08 CL	0.050/0.050 07/27 15:08 CL	0.052/0.050 07/27 15:08 CL	<0.001 07/27 15:08 CL

LCR009 Collection Point - Grab

Sample Time	C	Received Lab	Duplicate Cu mg/L	Spike Cu mg/L	Standard Cu mg/L	Blank Cu mg/L	Duplicate Pb mg/L	Spike Pb mg/L	Standard Pb mg/L	Blank Pb mg/L
07/14 21:20	CK	07/20 19:17	0.006/0.006 07/27 15:08 CL	0.087/0.100 07/27 15:08 CL	0.103/0.100 07/27 15:08 CL	<0.001 07/27 15:08 CL	0.001/0.001 07/27 15:08 CL	0.050/0.050 07/27 15:08 CL	0.052/0.050 07/27 15:08 CL	<0.001 07/27 15:08 CL

LCR010 Collection Point - Grab

Sample Time	C	Received Lab	Duplicate Cu mg/L	Spike Cu mg/L	Standard Cu mg/L	Blank Cu mg/L	Duplicate Pb mg/L	Spike Pb mg/L	Standard Pb mg/L	Blank Pb mg/L
07/13 21:55	CK	07/20 19:17	0.006/0.006 07/27 15:08 CL	0.087/0.100 07/27 15:08 CL	0.103/0.100 07/27 15:08 CL	<0.001 07/27 15:08 CL	0.001/0.001 07/27 15:08 CL	0.050/0.050 07/27 15:08 CL	0.052/0.050 07/27 15:08 CL	<0.001 07/27 15:08 CL

All analysis started within the time frame specified in "Standard Methods for the Examination of Water and Wastes", 20th Edition, 1998, or EPA "Methods for Chemical Analysis of Water and Wastes".

Analyst, date and time of analysis is shown below result. QA/QC is for the group of ten samples.

Methods stated below come from "Standard Methods for the Examination of Water and Wastewater", 20th Edition, 1998, or EPA Methodology.

Methods: Cu200.8:EPA 200.8 Pb200.8:EPA 200.8

July 2015

LCR011 Collection Point - Grab

Sample Time	C	Received Lab	Duplicate	Spike	Standard	Blank	Duplicate	Spike	Standard	Blank
			Cu mg/L	Cu mg/L	Cu mg/L	Cu mg/L	Pb mg/L	Pb mg/L	Pb mg/L	Pb mg/L
07/12 08:00	CK	07/20 19:17	0.024/0.024 07/27 16:59 CL	0.086/0.100 07/27 16:59 CL	0.098/0.100 07/27 16:59 CL	<0.001 07/27 16:59 CL	0.001/0.001 07/27 16:59 CL	0.050/0.050 07/27 16:59 CL	0.050/0.050 07/27 16:59 CL	<0.001 07/27 16:59 CL

Analysis	Reporting Limit
Cu200.8 (EPA 200.8)	.001 mg/L

Analysis	Reporting Limit
Pb200.8 (EPA 200.8)	.0005 mg/L



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

LEAD AND COPPER MONITORING – TAP SAMPLE SUBMISSION FORM (TSSF) 20683

(Public Water System (PWS) to fill out – please print in CAPS)

PWS ID #	TX1011939				
PWS NAME:	TELGE MANOR			PAGES SUBMITTED:	2
PWS PHONE:	281	367	5511	PWS EMAIL:	JMONTGOMERY@MUNICIPALOPS.COM
PWS CERTIFIED OPERATOR NAME:	SCOTT SHELNUTT			MONITORING PERIOD	2015 6M1 X 2015 6M2 <input type="checkbox"/> 2015 YR <input type="checkbox"/> 2015 3YR <input type="checkbox"/> 2015 9YR

IMPORTANT: THIS FORM MUST ACCOMPANY THE SAMPLE BOTTLES WHEN THEY ARE SENT TO A LABORATORY. SAMPLES EXPIRE 14 DAYS AFTER COLLECTION. THE LABORATORY IS INSTRUCTED TO REJECT INCOMPLETE FORMS.

(PWS to fill out – please print in CAPS. Use as many forms as necessary to match bottle collection numbers. Further instructions on back)

SAMPLE POINT ID	SAMPLE SITE LOCATION (location and inside sink)	WATER LAST USED DATE (MMDDYY)	WATER LAST USED TIME (HHMM)	SAMPLE COLLECTED DATE (MMDDYY)	SAMPLE COLLECTED TIME (HHMM)	DATE SUBMITTED TO LAB (MMDDYY)	Bottle Size 1 Liter Y=yes N=no
LCR001	15715 N. TELGE DR/ KITCHEN	7/13/15	0900	7/13/15	2100	7/20/2015	Y
LCR002	15731 N. TELGE DR/ KITCHEN SINK	7/9/15	2100	7/10/2015	0645	7/20/2015	Y
LCR003	15903 S. TELGE DR/ KITCHEN SINK	7/13/15	2130	7/14/15	0600	7/20/2015	Y
LCR004	15910 N. TELGE DR/ KITCHEN SINK	7/14/15	2300	7/15/15	0800	7/20/2015	Y
LCR005	15711 S. TELGE DR/ KITCHEN SINK	7/12/15	2145	7/13/15	0730	7/20/2015	Y
LCR006	15810 N TELGE DR/ KITCHEN SINK	7/14/15	2400	7/15/15	0700	7/20/2015	Y
LCR008	15822 N. TELGE DR/ KITCHEN SINK	7/14/15	0900	7/14/15	2100	7/20/2015	Y
LCR009	15726 N. TELGE DR./ KITCHEN SINK	7/13/2015	0900	7/14/2015	2120	7/20/2015	Y
LCR010	15722 N. TELGE DR./ BATHROOM	7/13/15	0950	7/13/15	2155	7/20/2015	Y
LCR011	15911 S. TELGE DR./ KITCHEN	7/11/15	2200	7/12/15	0800	7/20/2015	Y
LCR							




TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

LEAD AND COPPER MONITORING – TAP SAMPLE SUBMISSION FORM (TSSF) 20683

I acknowledge that the information on this form is true and correct and sites selected for sampling following the PWS Monitoring Plan and that the TCEQ Form 20467 Site Selection and Materials Survey has been filled out and sent in to TCEQ for approval prior to sampling.

Refusing to sign and comply with sampling protocols as outlined in the following instructions or on this form will result in monitoring and reporting violation(s), possible enforcement, and fines.


Signature Name

7-20-2015
Date

INSTRUCTIONS

PWS ID: Water System identification number
PWS Name: Name of water system
PWS Phone: Phone number of water system
PWS Certified Operator: Certified Operator or Responsible Person who either took samples or is responsible for the samples
Pages Submitted: The # of pages of LCR/site location/ addresses you are including with bottles. Each page has 10 address possibilities.
PWS Email: System email for communication purposes
Monitoring Period: System's monitoring period 6M, 1 year, 3 year, or 9 year. <http://dww.tceq.state.tx.us/DWW/> under Sample Schedules left yellow column. Scroll down to find PBCU schedules – looks like 5/RT 3YR followed by a year (2015).

Sample Point ID:

Texas Drinking Water Watch – Sample Points – LCR numbers are addresses and numbers we currently have on file for the PWS. <http://dww.tceq.state.tx.us/DWW/> . Enter the Water System No. Click on the water system number in blue. Click on Sample Points found in yellow left column. Scroll the page down until you see LCRO01, LCRO02, LCRO03, etc. These numbers are to be added to the front page. Each LCRO01 has its own address and can't be changed once an address/location has been assigned to it.

Every system is required to update their PWS Monitoring Plan/Site Selection Form by completing TCEQ Form 20467 **prior to sampling**. The sampling pool requirements found in Title 30 Texas Administrative Code (30 TAC) §290.117(c) discuss the different Tiers associated with the Lead and Copper Rule Tap Sampling.

Example: You have a population of 560 people and are on reduced sampling. You should have 20 LCR numbers and addresses = 10 as routine sample sites and 10 listed as backup sampling sites. This is your sampling pool. Complete TCEQ Form 20467 and send them in prior to sampling. TCEQ will update your Monitoring Plan at the same time. If you go out to sample and find that LCRO03 does not want to participate this year, you have 10 other pre-approved sites to pull from LCRO11 – LCRO20. You are not allowed to swap out a new address with an old LCRO03. You must have a new address with a new LCR number. Call if you still have questions.

Sample Site Location/Address:

See above = the site location/address goes with a LCRO01 number and is not swapped out at any time. Site location/addresses should be in Tiers according to the years and types of plumbing materials. It is required to use Tier 1 first, followed by Tier 2, followed by Tier 3, and finally – “other”. (30 TAC) §290.117(c)

Water Last Used Date: This comes from the person sampling/homeowner information when you pick up the bottle from them.

Water Last Used Time: This comes from the person sampling/homeowner information when you pick up the bottle from them.

Collection Date: The date sample was collected by PWS or homeowner. Please use MM/DD/YY format.

Collection Time: The time sample was collected by PWS or homeowner. Please use 24 hour clock when reporting HH/MM.

Date Submitted to Lab: The date bottles were hand-delivered or overnighted to lab. Please use MM/DD/YY format.

Bottle Size: According to regulations, lead and copper samples shall be taken in One Liter bottles only. Please verify this is true or not.

Texas Commission on Environmental Quality

PO BOX 13087, Lead and Copper Program, Austin, Texas 78711-3087 Telephone: 512-239-4691, Fax: 512-239-6050 Email: laurie.gehlsen@tceq.texas.gov



**North Water District
Laboratory Services, Inc.**

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(936) 321-6060 • fax (936) 321-6061 • lab@nwdls.com

Project Name:

Lead + Copper

Project Location:

Telge Manor

PO#:

ARC
7/20/15/7 (1688)
Chain ID: 19782

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

Company Name: **Municipal Operations & Consulting**

Contact: **Cameron King**

Address: **312 Spring Hill Dr, Ste 100
Spring, Tx 77386**

Phone #: **281-367-5511**

Fax #:

Email: cameronking@municipalops.com

Field Sample No./ Identification	Date	Time	Grab	Comp	Container Size	Container Type	Sample Type (Liquid, Sludge, Etc.)	Preservation	Analysis Requested	Laboratory Remarks	
LCR001	7-13-15	2100	x		1 L	HDPE	Liquid		Pb & Cu 1129-5658		
LCR002	7-16-15	0645	x		1 L	HDPE	Liquid		Pb & Cu 1129-5659		
LCR003	7-14-15	0600	x		1 L	HDPE	Liquid		Pb & Cu 1129-5660		
LCR004	7-15-15	0800	x		1 L	HDPE	Liquid		Pb & Cu 1129-5661		
LCR005	7-13-15	0730	x		1 L	HDPE	Liquid		Pb & Cu 1129-5662		
LCR006	7-13-15	0700	x		1 L	HDPE	Liquid		Pb & Cu 1129-5663		
LCR008	7-14-15	2100	x		1 L	HDPE	Liquid		Pb & Cu 1129-5664		
LCR009	7-14-15	2120	x		1 L	HDPE	Liquid		Pb & Cu 1129-5665		
LCR010	7-13-15	2155	x		1 L	HDPE	Liquid		Pb & Cu 1129-5666		
LCR011	7-12-15	0800	x		1 L	HDPE	Liquid		Pb & Cu 1129-5667		
LCR											
LCR											
Sampler: (Signature)			Relinquished by: (Signature)			Date: 7-20-15		Received by: (Signature)		Date: 7/20/15	Intact
Sampler: (Print Name)			Relinquished by: (Signature)			Time: 11:30		Received by: (Signature)		Time: 1120	Intact
Affiliation			Relinquished by: (Signature)			Date:		Received by: (Signature)		Date:	Intact
pH Meter			Tech.			Date:		Received for laboratory: (Signature)		Date: 7/20/15	Paid
date/ time			slope			Time:				Time: 1917	
buffers			4 7 10								