

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

Test Report
Harris County MUD 261 Potable - TOPS Water
Sample Date Range: 07/28/2015 to 07/31/2015

Report #322131F Report Generated 08/19/2015 11:25
Site: ADV 1740 Page 1 of 1

LCR001 Collection Point - Grab

Sample Time	C	Received Lab	Cu mg/L	Pb mg/L
07/28 06:55	T	08/03 17:02	0.100 <small>08/11 12:58 CL</small>	0.001 <small>08/11 12:58 CL</small>

LCR002 Collection Point - Grab

Sample Time	C	Received Lab	Cu mg/L	Pb mg/L
07/29 05:15	T	08/03 17:02	0.093 <small>08/11 13:01 CL</small>	<0.001 <small>08/11 13:01 CL</small>

LCR003 Collection Point - Grab

Sample Time	C	Received Lab	Cu mg/L	Pb mg/L
07/29 08:00	T	08/03 17:02	0.090 <small>08/11 13:32 CL</small>	<0.001 <small>08/11 13:32 CL</small>

LCR004 Collection Point - Grab

Sample Time	C	Received Lab	Cu mg/L	Pb mg/L
07/28 10:15	T	08/03 17:02	0.057 <small>08/11 13:42 CL</small>	0.001 <small>08/11 13:42 CL</small>

LCR005 Collection Point - Grab

Sample Time	C	Received Lab	Cu mg/L	Pb mg/L
07/29 09:55	T	08/03 17:02	0.114 <small>08/11 13:45 CL</small>	0.001 <small>08/11 13:45 CL</small>

LCR010 Collection Point - Grab

Sample Time	C	Received Lab	Cu mg/L	Pb mg/L
07/31 12:45	T	08/03 16:31	0.081 <small>08/11 12:45 CL</small>	0.001 <small>08/11 12:45 CL</small>

LCR011 Collection Point - Grab

Sample Time	C	Received Lab	Cu mg/L	Pb mg/L
07/28 07:51	T	08/03 16:31	0.354 <small>08/11 12:49 CL</small>	0.003 <small>08/11 12:49 CL</small>

LCR013 Collection Point - Grab

Sample Time	C	Received Lab	Cu mg/L	Pb mg/L
07/29 08:09	T	08/03 17:02	0.079 <small>08/11 13:49 CL</small>	0.001 <small>08/11 13:49 CL</small>

LCR014 Collection Point - Grab

Sample Time	C	Received Lab	Cu mg/L	Pb mg/L
07/28 08:30	T	08/03 17:02	0.080 <small>08/11 13:52 CL</small>	0.001 <small>08/11 13:52 CL</small>

LCR015 Collection Point - Grab

Sample Time	C	Received Lab	Cu mg/L	Pb mg/L
07/31 06:10	T	08/03 16:31	0.194 <small>08/11 11:18 CL</small>	0.004 <small>08/11 11:18 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
07/28 06:55	T	08/03 17:02	0.060/0.062 08/11 12:15 CL	0.087/0.100 08/11 11:18 CL	0.096/0.100 08/11 11:18 CL	<0.001 08/11 11:15 CL	0.002/0.002 08/11 12:15 CL	0.050/0.050 08/11 11:18 CL	0.049/0.050 08/11 11:18 CL	<0.001 08/11 11:15 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
07/29 05:15	T	08/03 17:02	0.060/0.062 08/11 12:15 CL	0.087/0.100 08/11 11:18 CL	0.096/0.100 08/11 11:18 CL	<0.001 08/11 11:15 CL	0.002/0.002 08/11 12:15 CL	0.050/0.050 08/11 11:18 CL	0.049/0.050 08/11 11:18 CL	<0.001 08/11 11:15 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
07/29 08:00	T	08/03 17:02	0.092/0.090 08/11 13:36 CL	0.088/0.100 08/11 13:26 CL	0.093/0.100 08/11 13:26 CL	<0.001 08/11 13:26 CL	<0.001/<0.001 08/11 13:36 CL	0.050/0.050 08/11 13:26 CL	0.049/0.050 08/11 13:26 CL	<0.001 08/11 13:26 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
07/28 10:15	T	08/03 17:02	0.092/0.090 08/11 13:36 CL	0.088/0.100 08/11 13:26 CL	0.093/0.100 08/11 13:26 CL	<0.001 08/11 13:26 CL	<0.001/<0.001 08/11 13:36 CL	0.050/0.050 08/11 13:26 CL	0.049/0.050 08/11 13:26 CL	<0.001 08/11 13:26 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
07/29 09:55	T	08/03 17:02	0.092/0.090 08/11 13:36 CL	0.088/0.100 08/11 13:26 CL	0.093/0.100 08/11 13:26 CL	<0.001 08/11 13:26 CL	<0.001/<0.001 08/11 13:36 CL	0.050/0.050 08/11 13:26 CL	0.049/0.050 08/11 13:26 CL	<0.001 08/11 13:26 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
07/31 12:45	T	08/03 16:31	0.060/0.062 08/11 12:15 CL	0.087/0.100 08/11 11:18 CL	0.096/0.100 08/11 11:18 CL	<0.001 08/11 11:15 CL	0.002/0.002 08/11 12:15 CL	0.050/0.050 08/11 11:18 CL	0.049/0.050 08/11 11:18 CL	<0.001 08/11 11:15 CL

LCR011 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
07/28 07:51	T	08/03 16:31	0.060/0.062 08/11 12:15 CL	0.087/0.100 08/11 11:18 CL	0.096/0.100 08/11 11:18 CL	<0.001 08/11 11:15 CL	0.002/0.002 08/11 12:15 CL	0.050/0.050 08/11 11:18 CL	0.049/0.050 08/11 11:18 CL	<0.001 08/11 11:15 CL

LCR013 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
07/29 08:09	T	08/03 17:02	0.092/0.090 08/11 13:36 CL	0.088/0.100 08/11 13:26 CL	0.093/0.100 08/11 13:26 CL	<0.001 08/11 13:26 CL	<0.001/<0.001 08/11 13:36 CL	0.050/0.050 08/11 13:26 CL	0.049/0.050 08/11 13:26 CL	<0.001 08/11 13:26 CL

LCR014 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
07/28 08:30	T	08/03 17:02	0.092/0.090 08/11 13:36 CL	0.088/0.100 08/11 13:26 CL	0.093/0.100 08/11 13:26 CL	<0.001 08/11 13:26 CL	<0.001/<0.001 08/11 13:36 CL	0.050/0.050 08/11 13:26 CL	0.049/0.050 08/11 13:26 CL	<0.001 08/11 13:26 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

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QA Test Report
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Report #322132 Report Generated 08/19/2015 11:25
Site: ADV 1740 Page 2 of 2

LCR015 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
07/31 06:10	T	08/03 16:31	0.060/0.062 08/11 12:15 CL	0.087/0.100 08/11 11:18 CL	0.096/0.100 08/11 11:18 CL	<0.001 08/11 11:15 CL	0.002/0.002 08/11 12:15 CL	0.050/0.050 08/11 11:18 CL	0.049/0.050 08/11 11:18 CL	<0.001 08/11 11:15 CL

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

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

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



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 #	TX1012866				
PWS NAME:	Harris County MUD 261			PAGES SUBMITTED:	1
PWS PHONE:	281	807	9500	PWS EMAIL:	wrambin@topswater.com
PWS CERTIFIED OPERATOR NAME:	Dominick Negrini			MONITORING PERIOD	<input type="checkbox"/> 2015 6M1 <input type="checkbox"/> 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 (Example)	5933 Miracle Springs Dr / Kitchen Sink (address must match what is in Drinking Water Watch, Site Selection Form and Monitoring Plan)	06/24/2015		06/24/2015	1800	06/26/2015	Y
LCR001	9011 Ensemble Ct	7/27/15	2230	7/28/15	0655	8/3/15	Y
LCR002	7806 Brahms Ct	7/28/15	2030	7/29/15	0515	8/3/15	Y
LCR003	7722 Rolling Fork Ln.	7/28/15	0900	7/29/15	0800	8/3/15	Y
LCR004	8903 Opus Ct.	7/27/15	2300	7/28/15	1015	8/3/15	Y
LCR005	7614 Melody Cir.	7/28/15	1700	7/29/15	0955	8/3/15	Y
LCR013	8007 Sonata Ct.	7/28/15	2230	7/29/15	0809	8/3/15	Y
LCR014	9323 Woodwind Lakes	7/28/15	0130	7/28/15	0830	8/3/15	Y
LCR							
LCR							
LCR							



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PWS CERTIFIED OPERATOR NAME:	Dominick Negrini			MONITORING PERIOD	<input type="checkbox"/> 2015 6M1 <input type="checkbox"/> 2015 6M2 <input type="checkbox"/> 2015 YR <input type="checkbox"/> 2015 3YR <input type="checkbox"/> 2015 9YR

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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 (Example)	5933 Miracle Springs Dr / Kitchen Sink (address must match what is in Drinking Water Watch, Site Selection Form and Monitoring Plan)	06/24/2015	0900	06/24/2015	1800	06/26/2015	Y
LCR010	9122 Woodland Lakes	7/31/15	0655	7/31/15	1245	8/03/15	Y
LCR011	9202 Brahms	7/27/15	1950	7/28/15	0751	8/3/15	Y
LCR015	8722 Golden Chord	7/30/15	2245	7/31/15	0610	8/3/15	Y
LCR							
LCR							
LCR							
LCR							
LCR							
LCR							
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

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 LCR001, LCR002, LCR003, etc. These numbers are to be added to the front page. Each LCR001 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 LCR003 does not want to participate this year, you have 10 other pre-approved sites to pull from LCR011 – LCR020. You are not allowed to swap out a new address with an old LCR003. 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 LCR001 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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ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

Company Name:

TOPS

Contact:

Address:

Phone #:

Fax #:

Email:

Project Name:

HC 261

Project Location:

PO #:

1740

chain ID 19905

Pb/Cu Samples

Field Sample No/ Identification	Date	Time	Grab	Comp	Container Size	Container Type	Sample Type (Liquid, Sludge, Etc.)	Preser- vation	Analysis Requested	Laboratory Remarks
LCR 001	7/28/15	6:55	✓		1000	HDPE	Liq.	None	Pb + Cu by 200.8	11303179
002	7/29/15	5:15	✓							11303180
003	7/29/15	8:00	✓							11303181
004	7/28/15	10:15	✓							11303182
005	7/29/15	9:55	✓							11303183
013	7/29/15	8:09	✓							11303184
014	7/28/15	8:30	✓							11303185

Sampler: (Signature)

MULTI

Relinquished by: (Signature)

DW Hester

Date:

7/31/15

Received by: (Signature)

P. Hester

Date:

Intact

Sampler: (Print Name)

Relinquished by: (Signature)

Date:

Received by: (Signature)

Date:

Intact

Affiliation

Relinquished by: (Signature)

Date:

Received by: (Signature)

Date:

3-8-15

Intact

pH Meter

Tech.

Sampler Remarks

Received for laboratory: (Signature)

Date:

3-7-15

Paid

date/ time

slope

buffers

4 7 10

Please preserve ASAP.

P. Hester

Time: 17:02

