



PWS/ _____ /CO

**TEXAS COMMISSION ON ENVIRONMENTAL QUALITY
LEAD/COPPER SAMPLE SITE SELECTION POOL FORM 20467**

THE NUMBER OF SAMPLE SITES REQUIRED IS BASED ON POPULATION AND CAN BE FOUND IN THE INSTRUCTIONS. PLEASE READ THE INSTRUCTION SHEET BEFORE COMPLETING THIS FORM.

PWS ID: 1670013 SYSTEM TYPE: CWS NTNC
 SYSTEM NAME: Mullin ISD POPULATION: >100,000
 ADDRESS: P.O. Box 128, Mullin, Texas 76864 10,001 to 100,000
 CONTACT PERSON: Kristi Mickelson 3,301 to 10,000
 PHONE NUMBER: 325-985-3374 501 to 3,300
 EMAIL ADDRESS: cdougherty@dsei.com 101 to 500
Cathy W. Dougherty (Consultant) ≤ 100

SAMPLE SITE CATEGORIES

Systems must pick as many Tier 1 sites as possible before using Tier 2 sites. If there are insufficient Tier 2 sites, Tier 3 sites may be used. If there are insufficient Tier 1, 2 or 3 sites, the sampling pool may be completed using non-tier sites. If it is not known whether lead is present in the plumbing, the site should be designated as a non-tier site. The SDWA lead ban requiring the use of "lead-free" plumbing for drinking water took effect in 1988: buildings constructed after this date would not legally contain lead solder.

TIER 1	For Community Water Systems (CWS), it is single family structure that contains lead pipes or copper pipes with lead solder and/or is served by lead service lines installed after 1982.	# of Sites <u>0</u>
	For Non-Transient Non-Community Systems (NTNCWS), it is buildings that contain copper pipes with lead solder installed after 1982 and/or served by lead service lines.	# of Sites <u>2</u> *
TIER 2	For CWS, it is a building or multiple-family residences that contain lead pipes or copper pipes with lead solder installed after 1982, and/or is served by lead service lines.	# of Sites <u>0</u>
	For NTNCWS, it is buildings that contain copper pipes with lead solder installed before 1983.	# of Sites <u>1</u> *
TIER 3	Applies to CWS Only. Single family structures that contain copper pipes with lead solder installed before 1983.	# of Sites <u>0</u>
OTHER	Sites not defined by Tiers 1 – 2 or 3: explain: <u>NTNCWS buildings were constructed from ~1950 to 1990</u> <u>PEX, PVC and galvanized pipe are present as noted</u> <u>on page 2.</u>	# of Sites <u>2</u>
	_____ _____	TOTAL # OF SITES <u>5</u>

* As applied to tier 1 & 2 sites, we cannot confirm or deny that lead solder exists.



**TEXAS COMMISSION ON ENVIRONMENTAL QUALITY
LEAD/COPPER SAMPLE SITE POOL SELECTION FORM**


PWS NUMBER: _____

Make sure you include all regular and backup sites and make as many pages as you need.

No	Site Name	Tier 1, 2, 3, Other	(R)egular sample sites or (B)ack-up site	Type of Plumbing Material	Date of Construction
1	Lunch Room	Other	R	PEX/PVC	~1950 *
2	High School Building Lab	2	R	Copper and galvanized	1953
3	Elementary Bldg, Boys Restroom	Other	R	PVC	2006
4	Middle Bldg. Boys Restroom	1	R	Copper	1990
5	Ag/Shop Boys Restroom	1	R	Copper	1990
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					

* Army Surplus building had the plumbing replaced.

I have verified and certify that all sites from which lead and copper tap samples are collected shall be selected from a pool of targeted Tier 1, 2, 3, or "other" sample sites. Sample sites selected are representative of the distribution system and specifically represent areas of the systems most vulnerable to corrosion of lead and copper in water.

Signature: 	Date: 11/1/14
Printed Name: Kristi Mickelson	Title: Superintendent

**TEXAS COMMISSION ON ENVIRONMENTAL QUALITY
LEAD/COPPER SAMPLING SITE MATERIALS EVALUATION SURVEY
FORM # 20467**

The following is a checklist of resources for water systems to use when evaluating and identifying plumbing materials in their systems. Investigate the interior plumbing of your customers or your facility to determine what types of plumbing materials are present in your system. **Mark the resource(s) you used in your investigation in the blank(s) provided.** If you use a resource which is not listed below, indicate that in the blanks provided next to "Other Sources".

MATERIALS SURVEY CHECKLIST

1. **Distribution System Materials** - Sources available to determine the number of lead service lines or lead goosenecks in the distribution system.

- Distribution System Maps and Record Drawings (provide)
- Capital improvement plans for distribution system development.
- Utility records including meter installation records, customer complaint investigations and all historical documentation which indicate and/or confirm the location of lead service connections.
- Interview senior personnel.
- Perform community survey.

2. **Interior Plumbing Materials** - Sources available to determine the number of residential or non-residential buildings which have interior lead pipe or copper pipe with lead solder joints.

- County appraisal district records.
- Contacts within the water system, municipal office or other local officials.
- Survey area plumbers about when and where copper pipe with lead solder was used.
- Interview residents - letters, phone survey, personal contact, etc.
- Interview local contractors, developers and builders.

3. **Other Sources (explain)** Currently conducting feasibility study for system upgrades to meet nitrate standards.
Following completion of the the feasibility study, no capital improvements are proposed except the judicial order actions for compliance by November 2017.
Only operations and management costs have been budgeted for Culligan water treatment and reverse osmosis plans.