



MATERIALS INFORMATION & MSP UPDATES FOR 2020 MC LCR MONITORING

January 30, 2020

MATERIALS INFORMATION - WHAT NEEDS TO BE REPORTED?

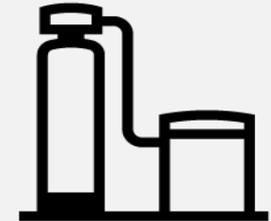


- Single-Family Structure
- Multi- Family Structure
- Other Structure

- Lead
- Copper
- Plastic
- Galvanized
- Lead Gooseneck
- Other



- Interior Pipe Materials
- Presence of Lead Solder



Presence of softener or filters

**Building Type &
Year Constructed**

**Public & Private
Service Line Material**

**Interior Premise
Plumbing**

**Point-of-Use
Treatment**

Site ID	Address	Tier	YR B	POE OR			SERV	SERV		COMMENTS
				POU	COLD	BLD		LINE-	BLD	
				TRT	FAUC	TYP	LINE -	CUS	PLUM	
LC-1	631 E MAIN	PBCU_TIER_1	1983	N	K	SF	C	C	CLS	
LC-2	613 E MAIN ST	PBCU_TIER_1	1983	N	K	SF	C	C	CLS	
LC-3	328 W MAIN ST	PBCU_TIER_1	1984	N	K	SF	C	C	CLS	NO LEAD SERVICES
LC-6	231 E MAIN ST	PBCU_TIER_2	1956	N	K	MF	L	G	C	
LC-5	332 MAPLE ST	PBCU_TIER_1	1942	N	K	SF	C	L	CLS	NO SOFTENER ON KITCHEN TAP
LC-6	336 MAPLE ST	PBCU_TIER_1	1906	N	K	SF	L	C	C	2017 NO HOMEOWNER ACCESS
LC-7	615 6TH ST	PBCU_TIER_3	1973	N	K	SF	C	C	CLS	
LC-8	316 MAPLE ST	PBCU_TIER_3	1964	N	K	SF	C	C	CLS	
LC-9	113 S GREEN ST	PBCU_TIER_3	1953	N	K	SF	C	C	CLS	
LC-13	333 MAPLE ST	PBCU_TIER_3	1940	N	B	SF	C	C	CLS	
LC-11	121 S HILL ST	PBCU_TIER_3	1952	N	B	SF	C	C	CLS	
LC-12	125 LEAF ST	PBCU_TIER_3	1936	N	K	SF	C	C	CLS	
LC-13	263 MICHIGAN ST	PBCU_TIER_3	1981	N	K	SF	C	C	CLS	
LC-16	236 MICHIGAN ST	PBCU_TIER_3	1972	N	K	SF	C	C	CLS	
LC-15	233 2ND ST	PBCU_TIER_3	1919	N	K	SF	C	C	CLS	
LC-16	623 E MAIN ST	PBCU_TIER_3	1898	N	K	SF	C	C	CLS	
LC-17	335 E MAIN ST	PBCU_TIER_3	1973	N	K	SF	C	C	CLS	
LC-18	623 2ND ST	PBCU_TIER_3	1943	N	K	SF	C	C	CLS	
LC-19	329 W MAIN ST	PBCU_TIER_3	<1983	N	K	SF	C	C	CLS	
LC-20	121 N HILL ST	PBCU_TIER_EXCEPT	1980	N	K	SF	C	C	C	

2016

COMPLIANCE MONITORING SITE LIMITS ESTABLISHED

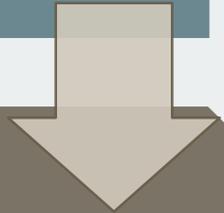
- Only active monitoring sites can be used for compliance monitoring
- Number of active monitoring sites limited to 1.5 times the number of compliance sites.
- Only kitchen and bathroom faucets are eligible compliance monitoring sites.



2018

MATERIALS SITE PLAN FORM (FORM 3300-315)

- PWS must provide materials information and building age whenever they make change to their monitoring site plan.



2020

MC TRIENIAL MONITORING

- Materials information for all active MC monitoring sites is in DWS.
- All monitoring sites are assigned the correct tier.
- All monitoring site plans have correct number of sites.
- All monitoring sites are tier I if tier I sites exist. Declaration of tiers required if plan includes other-than tier I sites.
- All monitoring sites are LSL sites if LSLs exist. Declaration of no lead materials if no LSL sites.

CURRENT TIER CRITERIA

BUILDING TYPE

MATERIAL

YR CONSTRUCTED

Tier 1,
1st priority



SINGLE-
FAMILY



LEAD SERVICE
LINE OR
GOOSENECK

ANY

Tier 1,
2nd priority



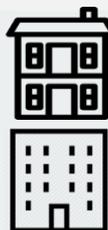
SINGLE-
FAMILY



COPPER WITH
LEAD SOLDER

1983 OR
1984

Tier 2



MULTI-
FAMILY,
OTHER



LSL – ANY
PB SOLDER- 1983-4

Tier 3



SINGLE-
FAMILY



COPPER WITH
LEAD SOLDER

BEFORE
1983

Template Letter for Utilities Declaring Absence of Lead Service Lines or Lead Goosenecks

Dear _____ (DNR Representative),

The _____ (Utility) is submitting this document to declare there are no lead service lines or lead goosenecks present in the distribution system, which includes any portion of the service from the water main to the customer's water meter. In an effort to verify that no lead service lines or lead goosenecks exist in the distribution system, the Utility has assessed an inventory of the system's materials through the initialed items:

1. Utility construction dates (i.e. age of water mains and associated services) _____
(initial)
=
2. Identifying target years where LSLs may exist through evaluation of building permits/tax record evaluation (i.e. year home built) _____
(initial)
=
3. Conducted visual inspections (i.e. during meter change out, cross-connection inspection) _____
(initial)
=
4. Full distribution system mapping including water mains, public and private water services, and internal premise plumbing indicating the available tier criteria of all services in the distribution system _____
(initial)
=
5. External information from other utilities from the municipality (i.e. electrical, wastewater, fiber optic) _____
(initial)
=
6. Other: _____

(initial)

I certify to the best of my knowledge the information above is accurate. If lead service lines or lead goosenecks are discovered during routine operations, I or another Utility Representative will contact the Department in a timely manner to make appropriate changes to the system MSP.

Sincerely,

DECLARATION
OF NO LEAD
MATERIALS

EXISTING RULE AUTHORITY

S. NR 809.119

S. NR 809.547 (1)

S. NR 809.547 (3)

EXISTING RULE AUTHORITY

S. NR 809.119

- **MATERIALS IDENTIFICATION FOR CORROSIVITY CHARACTERISTICS.** Suppliers of water for community water systems shall identify whether the following construction materials are present in their distribution system and report their findings to the department: **(1)** Lead from piping, solder, caulking, interior lining of distribution mains, alloys and home plumbing. **(2)** Copper from piping and alloys, service lines and home plumbing. **(3)** Galvanized piping, service lines and home plumbing.

S. NR 809.547 (1)

S. NR 809.547 (3)

EXISTING RULE AUTHORITY

S. NR 809.119

S. NR 809.547 (1)

- (b) A water supplier shall use the information on lead, copper and galvanized steel that they are required to collect under s. NR 809.119 when conducting a materials evaluation. When an evaluation of the information collected pursuant to s. NR 809.119 (4) is insufficient to locate the requisite number of lead and copper sampling sites that meet the targeting criteria in this subsection, the water supplier shall review the following sources of information in order to identify a sufficient number of sampling sites. In addition, the water supplier shall seek to collect such information where possible in the course of its normal operations, including, checking service line materials when reading water meters or performing maintenance activities.

S. NR 809.547 (3)

EXISTING RULE AUTHORITY

S. NR 809.119

S. NR 809.547 (1)

S. NR 809.547 (3)

- The department may specify sampling locations when a water supplier is conducting reduced monitoring



PROPOSED LCR – REVISED TIER CRITERIA

SINGLE-FAMILY STRUCTURES



Tier 1

MULTI-FAMILY OR OTHER
STRUCTURES



Tier 2

SINGLE-FAMILY STRUCTURES



Tier 3



PROPOSED LCR - MONITORING SITE PLANS

- Distribution system materials inventory will be required under the revised LCR and due in 2023.
- Public and private services reported as ‘unknown’ are considered lead services for purposes each of listed items.
 - Consumer notifications
 - Targeted public education
 - Calculating the required number of service line replacements under an ALE.



QUESTIONS?