

SITE ID	LOCATIONAL IDENTIFIER	LEAD GOOSENECK CURRENTLY PRESENT?	CURRENT STREET SIDE SERVICE LINE MATERIAL	WAS STREET SIDE SERVICE LINE MATERIAL EVER PREVIOUSLY LEAD?
	2009 Dickson Place, Madison, WI 53713		L	Y
	2018 Dickson Place, Madison, WI 53713		L	Y
	2025 Dickson Place, Madison, WI 53713		L	Y
	2018 Irwin Place, Madison, WI 53713		L	Y
	2030 Irwin Place, Madison, WI 53713		L	Y
	1481 Carver Street, Madison, WI 53713		UNK-NOLG	N
	1505 Carver Street, Madison, WI 53713		UNK-NOLG	N
	1517 Carver Street, Madison, WI 53713		UNK-NOLG	N
	1541 Carver Street, Madison, WI 53713		UNK-NOLG	N
	1609 Carver Street, Madison, WI 53713		UNK-NOLG	N
	1719 Carver Street, Madison, WI 53713		UNK-NOLG	N
	1813 Carver Street, Madison, WI 53713		UNK-NOLG	N
	1901 Carver Street, Madison, WI 53713		UNK-NOLG	N
	1909 Carver Street, Madison, WI 53713		UNK-NOLG	N
	2013 Carver Street, Madison, WI 53713		UNK-NOLG	N
	2105 Carver Street, Madison, WI 53713		UNK-NOLG	N
	2111 Carver Street, Madison, WI 53713		UNK-NOLG	N
	2013 Catlin Place, Madison, WI 53713		UNK-NOLG	N
	2014 Catlin Place, Madison, WI 53713		UNK-NOLG	N
	2018 Catlin Place, Madison, WI 53713		UNK-NOLG	N
	2021 Catlin Place, Madison, WI 53713		UNK-NOLG	N
	2025 Catlin Place, Madison, WI 53713		UNK-NOLG	N
	2032 Catlin Place, Madison, WI 53713		UNK-NOLG	N
	2034 Catlin Place, Madison, WI 53713		UNK-NOLG	N
	2037 Catlin Place, Madison, WI 53713		UNK-NOLG	N
	2038 Catlin Place, Madison, WI 53713		UNK-NOLG	N
	2014 Dodge Street, Madison, WI 53713		UNK-NOLG	N
	2022 Dodge Street, Madison, WI 53713		UNK-NOLG	N
	2030 Dodge Street, Madison, WI 53713		UNK-NOLG	N
	2034 Dodge Street, Madison, WI 53713		UNK-NOLG	N
	2045 Dodge Street, Madison, WI 53713		UNK-NOLG	N
	2002 Dunn Place, Madison, WI 53713		UNK-NOLG	N
	2010 Dunn, Madison, WI 53713		UNK-NOLG	N
	2018 Dunn, Madison, WI 53713		UNK-NOLG	N
	2025 Dunn, Madison, WI 53713		UNK-NOLG	N
	2026 Dunn, Madison, WI 53713		UNK-NOLG	N
	2030 Dunn, Madison, WI 53713		UNK-NOLG	N
	2034 Dunn, Madison, WI 53713		UNK-NOLG	N
	2037 Dunn, Madison, WI 53713		UNK-NOLG	N
	2002 Field Street, Madison, WI 53713		UNK-NOLG	N
	2010 Field Street, Madison, WI 53713		UNK-NOLG	N
	2011 Field Street, Madison, WI 53713		UNK-NOLG	N
	2017 Field Street, Madison, WI 53713		UNK-NOLG	N

2018 Field Street, Madison, WI 53713		UNK-NOLG	N
2026 Field Street, Madison, WI 53713		UNK-NOLG	N
2031 Field Street, Madison, WI 53713		UNK-NOLG	N
2032 Field Street, Madison, WI 53713		UNK-NOLG	N
2037 Field Street, Madison, WI 53713		UNK-NOLG	N
2040 Field Street, Madison, WI 53713		UNK-NOLG	N
2026 Fish Hatchery Road, Madison, WI 53713		UNK-NOLG	N
2050 Fish Hatchery Road, Madison, WI 53713		UNK-NOLG	N
2120 Fish Hatchery Road, Madison, WI 53713		UNK-NOLG	N
2006 Floyd Place Place, Madison, WI 53713		UNK-NOLG	N
2009 Floyd Place, Madison, WI 53713		UNK-NOLG	N
2012 Floyd Place, Madison, WI 53713		UNK-NOLG	N
2013 Floyd Place, Madison, WI 53713		UNK-NOLG	N
2018 Floyd Place, Madison, WI 53713		UNK-NOLG	N
2021 Floyd Place, Madison, WI 53713		UNK-NOLG	N
2030 Floyd Place, Madison, WI 53713		UNK-NOLG	N
2033 Floyd Place, Madison, WI 53713		UNK-NOLG	N
2034 Floyd Place, Madison, WI 53713		UNK-NOLG	N
2002 Frazer Place, Madison, WI 53713		UNK-NOLG	N
2013 Frazer Place, Madison, WI 53713		UNK-NOLG	N
2014 Frazer Place, Madison, WI 53713		UNK-NOLG	N
2017 Frazer Place, Madison, WI 53713		UNK-NOLG	N
2021 Frazer Place, Madison, WI 53713		UNK-NOLG	N
2025 Frazer Place, Madison, WI 53713		UNK-NOLG	N
2033 Frazer Place, Madison, WI 53713		UNK-NOLG	N
2034 Frazer Place, Madison, WI 53713		UNK-NOLG	N
2002 Irwin Place, Madison, WI 53713		UNK-NOLG	N
2010 Irwin Place, Madison, WI 53713		UNK-NOLG	N
2013 Irwin Place, Madison, WI 53713		UNK-NOLG	N
2038 Irwin Place, Madison, WI 53713		UNK-NOLG	N
2039 Irwin Place, Madison, WI 53713		UNK-NOLG	N
2043 Irwin Place, Madison, WI 53713		UNK-NOLG	N
1440 Martin Street, Madison, WI 53713		UNK-NOLG	N
1480 Martin Street, Madison, WI 53713		UNK-NOLG	N
1490 Martin Street, Madison, WI 53713		UNK-NOLG	N
1498 Martin Street, Madison, WI 53713		UNK-NOLG	N
1501-1509 Martin Street, Madison, WI 53713		UNK-NOLG	N
1506 Martin Street, Madison, WI 53713		UNK-NOLG	N
1514 Martin Street, Madison, WI 53713		UNK-NOLG	N
1517 Martin Street, Madison, WI 53713		UNK-NOLG	N
1542 Martin Street, Madison, WI 53713		UNK-NOLG	N
1606 Martin Street, Madison, WI 53713		UNK-NOLG	N
1704 Martin Street, Madison, WI 53713		UNK-NOLG	N
1710 Martin Street, Madison, WI 53713		UNK-NOLG	N
1718 Martin Street, Madison, WI 53713		UNK-NOLG	N
1802 Martin Street, Madison, WI 53713		UNK-NOLG	N
2010 Martin Street, Madison, WI 53713		UNK-NOLG	N
2014 Martin Street, Madison, WI 53713		UNK-NOLG	N
2202 Martin Street, Madison, WI 53713		UNK-NOLG	N
2210 Martin Street, Madison, WI 53713		UNK-NOLG	N

	2218 Martin Street, Madison, WI 53713		UNK-NOLG	N
	2226 Martin Street, Madison, WI 53713		UNK-NOLG	N

		UNK-NOLG			
		UNK-NOLG			

Installed after lead ban	N			Installation record
Installed after lead ban	N			Installation record

N				
N				

[Click here to open USEPA 2022 Guidance for Developing and Maintaining a Service Line Inventory](#)

Note: Field names that are shaded navy are required for every service connection. Field names shaded blue are recommended, optional, or only required under certain conditions. See field descriptions for more information.

Column	Description		
A	SITE ID PWS that do not wish to report site addresses to the department in column B can use this column to “link” their materials inventory table to a separate service address table for their own use. This column is optional, however, it strongly recommended that PWS enter the site ID for locations that are lead and copper monitoring sites in this column.		
B	LOCATION IDENTIFIER The location identifier can be the site address, however if there is more than one service connection at a given address, it must include additional detail. If the PWS does not wish to report addresses to the department it can be a block, intersection or landmark. This column is required per sub-subparagraph §141.84 (a)(8)(i) of the LCRR which requires that a location identifier be associated with each service line.		
Column	Description	Answer options	Answer Option Descriptions
C	GOOSENECK CURRENTLY PRESENT? Is there a gooseneck, lead connector or pigtail present? PWS are required to track this information, if known. However, PWS are not required to conduct investigations to determine if a gooseneck is present.	Y	YES - WITH CERTAINTY
		N	NO - WITH CERTAINTY
		UNK	NOT KNOWN WITH CERTAINTY
D	CURRENT STREET SIDE SERVICE LINE MATERIAL Service line pipe material, from the water main to curb stop.	L	CONFIRMED LEAD
		C	CONFIRMED COPPER
		G	CONFIRMED GALVANIZED
		P	CONFIRMED PLASTIC
		DI	CONFIRMED DUCTILE IRON
		CI-L	CONFIRMED LINED CAST IRON
		CI-U	CONFIRMED UNLINED CAST IRON
		UNK-LG	UNKNOWN - MAY CONTAIN LEAD OR GALVANIZED
E	WAS STREET SIDE SERVICE LINE MATERIAL EVER PREVIOUSLY LEAD? Was the service line ever previously lead?	Y	YES – SERVICE LINE WAS PREVIOUSLY LEAD
		N	NO – KNOWS WITH CERTAINTY THAT SERVICE LINE MATERIAL WAS NEVER PREVIOUSLY LEAD
		UNK	NOT KNOWN WITH CERTAINTY IF MATERIAL WAS EVER PREVIOUSLY LEAD
Column	Description		
F	STREET SIDE SERVICE LINE SIZE Service line pipe diameter in inches, from the water main to curb stop. This information is useful as a screening tool as <u>most</u> lead service lines are 2 inches or less in diameter. Furthermore, PWSs are required to report service line size to the PSC for their annual report. This column may also be used by PWS that wish to track information required by both agencies in a single document. Column F is optional.		
G	STREET SIDE SERVICE LINE INSTALL DATE The four-digit year that the utility-side service was installed (i.e. 1974). If the exact year is not known, enter the decade (i.e. enter 1970 for any year in the 1970s) Although this information is not required, it can be used as a screening tool to determine if the service line was installed before or after the lead ban (1986). Column G is optional.		

H	CURRENT PROPERTY SIDE SERVICE LINE MATERIAL	Service line pipe material, from the curb stop to water meter. See Row D for answer options.
I	PROPERTY SIDE SERVICE LINE SIZE¹	Service line pipe diameter, in inches, from the curb stop to water meter. This information is useful as a screening tool as most lead service lines are 2 inches or less in diameter. Furthermore, PWS are required to report service line size to the PSC for their annual report. This column may also be used by PWS that wish to track information required by both agencies in a single document. Column I is optional.
J	PROPERTY SIDE SERVICE LINE INSTALL DATE	If the exact year is not known, enter the decade (i.e. enter 1970 for any year in in the 1970s). This information it can be used as a screening tool to determine if the service line was installed before or after the lead ban (1986). Column J is optional.

Column	Description	Answer options	Answer Option Descriptions	
K	BUILDING TYPE	The type of structure that is served water by the service connection. At a minimum, the PWS must identify the connection either SF, MF or NONRES.	SF	SINGLE-FAMILY RESIDENTIAL
			MF	MULTI-FAMILY RESIDENTIAL
			SCH/CC	SCHOOL OR CHILD CARE <i>This category may be used by the PWSs to track locations that must be monitored under §141.92.</i>
			RES/CC	RESIDENTIAL & IN-HOME CHILD CARE <i>This category may be used by the PWSs to track locations that must be monitored under §141.92.</i>
			NONRES	NONRESIDENTIAL ONLY, NO SCHOOL OR CHILD CARE.
			MIX	MIXED RESIDENTIAL & NONRESIDENTIAL, NO SCHOOL OR CHILD CARE.
L	POINT-OF-ENTRY OR POINT-OF-USE TREATMENT PRESENT?	Is the cold-water kitchen tap treated by point-of-entry or point-of-use softening, filter or other treatment? Column L is optional.	Y	YES - the sample tap is treated by a point of use or point of entry softener or filter
			N	NO - the sample tap is not treated by a point of use or point of entry softener or filter
			UNK	Presence or absence of POU and POE is UNKNOWN
M	BUILDING PLUMBING MATERIAL 1	The type of plumbing materials inside the structure that water is deliver to. If there is more than one known plumbing material type, select the second material type in column N. Columns M and N are optional.	CLS	Copper with lead solder
			C	Copper, no lead solder
N	BUILDING PLUMBING MATERIAL 2		O	Other material that is <u>not</u> copper, or copper with lead solder
			UNK	Unknown

Column	Description
O	BUILDING PLUMBING MATERIAL INSTALL DATE The four-digit year that the interior premise plumbing was installed. If the exact year is not known, you may enter the decade if the decade is not the 1980s. If the decade is the 1980s, you may enter one of the following: 1983-1984, <1983 or >1984. Column O is optional.
P	COMMENTS Use this column information to enter any other information that the PWS finds helpful to them or any information they wish to share with the department. Column P is optional.

Column	Description	Answer options	Answer Option Descriptions (Chapter 4 of EPA inventory guidance)	
Q	BASIS OF STREET SIDE MATERIAL CLASSIFICATION	Use the drop-down menu to select the method used for materials classification. If the method you used is not one of the options, select other and describe the basis for classification in Column Y- Notes on materials classification.	Previous eval	Previous Materials Evaluation
			Installation record	Installation record (e.g., tap card)
			Installed after lead ban	Installation date after lead ban (1986)
			Diameter > 2 inches	Service line diameter is > 2 inches
			SL repair/replace record	Service line repair or replacement record
			Water sampling only	Water sampling only with no records
			Field inspection only	Field inspection only with no records
			Other - describe in notes	Other - if other is selected describe the basis for material classification in the Notes Column Y.

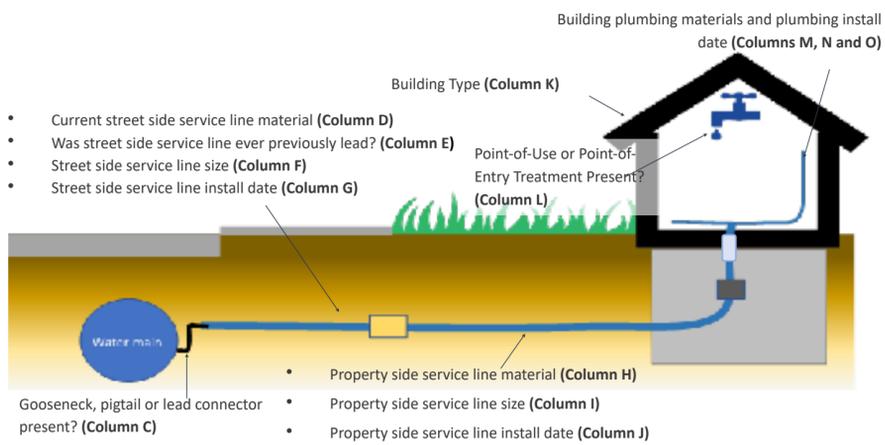
	Column	Description		
R	WAS STREET SIDE MATERIAL FIELD VERIFIED?	Was the street side material field verified? Select "Y" for "Yes" or "N" for "No".		
S	DATE OF STREET SIDE FIELD VERIFICATION, IF APPLICABLE	If you selected "Yes" in column R, enter the date (DD/MM/YYYY) or four-digit year that the material was field verified. <i>This field is only required if "Yes" was selected in Column R.</i>		
	Column	Description	Answer options	Answer Option Descriptions <small>(Chapter 5 of EPA inventory guidance)</small>
T	METHOD OF STREET SIDE FIELD VERIFICATION, IF APPLICABLE	If PWS selected "Yes" in column R, select the method used for field verification. If the method you used is not one of the options, select other and describe the basis for classification in Column Y. <i>This field is only required if "Yes" was selected in Column R.</i>	Customer self id CCTV - internal CCTV - external Mech excav Visual insp at meter Visual insp during install or repair Cross connection survey Other	Customer self-identification CCTV investigation at curb stop - internal CCTV investigation at curb stop - external Mechanical excavation at one location Visual inspection at the meter pit Visual inspection during construction or repair Cross Connection survey Other - describe in Notes Column Y
	Column	Description		
U	BASIS OF PROPERTY SIDE MATERIAL CLASSIFICATION	Use the drop-down menu to select the method used for materials classification. If the method you used is not one of the options, select other and describe the basis for classification in Column Y. See Column Q for a description of and an explanation of answer options.		
V	WAS PROPERTY SIDE MATERIAL FIELD VERIFIED?	Was the street side material field verified? Select "Y" for "Yes" or "N" for "No".		
W	DATE OF PROPERTY SIDE FIELD VERIFICATION, IF APPLICABLE	If PWS selected "Yes" in column R, select the method used for field verification. If the method you used is not one of the options, select other and describe the basis for classification in Column Y. <i>This field is only required if "Yes" was selected in Column V.</i>		
X	METHOD OF PROPERTY SIDE FIELD VERIFICATION, IF APPLICABLE	If you selected "Yes" in column V, select the method used for field verification. See column T for an explanation of answer options. <i>This field is only required if "Yes" was selected in Column V.</i>		
Y	NOTES MATERIAL CLASSIFICATION	If PWS selected "other" in Columns Q, T, U or X, describe the basis for classification or field verification here. <i>This field is only required if "other" was selected in column Q, T, U and/or X.</i>		



Materials Inventory Template For Drinking Water Systems Under The Lead And Copper Rule Revisions



Materials Inventory Template For Drinking Water Systems Under The Lead And Copper Rule Revisions



1. Why do Public Water Systems (PWSs) need to provide this information?

Under Section §141.84 of the Lead and Copper Rule Revision (LCRR), all community Public Water Systems (PWS) "must develop an inventory to identify the materials of service lines connected to the public water distribution system. The inventory must include all service lines connected to the public water distribution system regardless of ownership status."

2. What specifically does the LCRR materials inventory require (columns D, E and H)?

Subparagraph §141.84 (a) (4) of the LCRR states that "each service line, or portion of the service line where ownership is split, must be categorized" as belonging to one of the following groups: lead; non-lead; lead status unknown; or galvanized requiring replacement. *The information provided in columns D, E and H of the materials spreadsheet will enable the department to correctly assign every service line or portion thereof to one of these four categories.*

3. What is the Site ID (column A)? Is this required?

The PWS can use this column to identify the site ID of lead and copper monitoring sites. For all other locations, the site ID is optional. PWSs that do not wish to report site addresses to the department in column B may want to use this column to "link" their materials inventory table to a separate service address table for their own use.

4. What is a locational identifier (column B)?

Sub-subparagraph §141.84 (a)(8)(i) of the LCRR requires a location identifier associated with each service line. The locational identifier can be the site address, or it can be a block, intersection or landmark.

The LCRR defines some categories of materials, such as 'lead status' and 'galvanized downstream of lead' differently in different sections of the rule. Thus, the spreadsheet is intended to be a simple and easy way for municipal PWSs to collect and report the information required now and in the future. The DNR will use the materials inventory data collected by the water system to categorize each of their service connections appropriately under each section of the LCRR.

5. Why do PWSs need to indicate whether a gooseneck is present (column C)?

Paragraph §141.86 (a) of the LCRR directs every public water system to "identify a pool of targeted sampling sites based on the service line inventory." However, the materials information needed to categorize service lines in accordance with §141.84 alone is insufficient to identify these targeted sampling sites. Specifically, as per LCRR sub-paragraph §141.86 (a) (5), Tier 3 sampling sites include both single-family structures served by galvanized lines located downstream of a lead service line (i.e. confirmed galvanized requiring replacement) or downstream of a lead gooseneck, pigtail or connector.

5. Why do PWSs need to indicate whether a service line that is not currently lead was ever previously lead (column E)?

The materials history of the upstream utility service line is needed to correctly categorize customer-side galvanized service lines as either non-lead or galvanized requiring replacement under the LCRR. Sub-subparagraph §141.84 (a)(4)(ii) of the LCRR requires that public water systems identify locations where a galvanized service line "is or was at any time downstream of a lead service line" or "lead status unknown" service line as "galvanized requiring replacement". If a water system knows with certainty that the utility side of a service line is not now, and never has previously been lead, then the downstream customer-side galvanized service line is identified as "non-lead". If a PWS does not know this with certainty, the material is categorized as "galvanized requiring replacement." However, as per paragraph §141.86 (a), galvanized service lines currently or formerly downstream of a lead gooseneck, pigtail, or connector are *not* identified as galvanized requiring replacement.

5. Are PWSs required to track the interior premise plumbing materials and install date at every service location in their system (columns M, N and O)?

This information is only required for service locations that are potential compliance sampling sites. If the PWS has at least as many Tier 1, Tier 2 and/or Tier 3 sampling sites as their required number of monitoring sites, then they are not required to track this information at this time. However, the PWS will be required to collect this information in the future, once all of their lead service lines and galvanized lines requiring replacement are removed. It is recommended that PWS collect this information on an ongoing basis whenever they are inside structures, as part of their normal operations.

5. Are PWSs required to track whether there is a point-of-entry (POE) or point-of-use (POU) treatment device at every service location (column L)?

This information is only required for service connections that are potential monitoring sites. Sub-paragraph §141.86 (1) of the LCRR states that "Sampling sites may not include sites with installed point-of-entry (POE) treatment devices and taps used at sampling sites may not have point-of-use (POU) devices designed to remove inorganic contaminants..." However, the department recommends that PWSs collect this information concurrently with premise plumbing materials at a given residence, so that PWSs don't need to revisit residences that become potential monitoring sites once their lead and galvanized lines are removed.

5. Are PWSs required to use the DNR template?

No, PWSs are not required to use the DNR template for their materials inventory. However, PWSs that track their drinking water distribution system materials using a different method should provide all of the information requested in the template.

5. Do Municipal PWSs have to report this information to the DNR and PSC both?

Due to differences in the frequency and timing of reporting and the type of information reported, municipal public water systems will continue to report service line information annually to the Public Service Commission (W-22 and W-29) for the foreseeable future. However, the DNR and PSC are in discussions about how they can collaborate to minimize the amount of similar reporting to multiple agencies after the LCRR compliance date.

Y	B	SF	L	L	3/8"		Y	
N	K	MF	C	C	1/2"		N	
	A	SCH/DC	G	CLS	5/8"		UNK	
		RES/CC	P	O	3/4"			
		NONRES	DI	UNK	1"			
		MIX	CI-L		1 1/4"			
		OTH	CI-U		1 1/2"			
			UNK-LG		1 3/4"			
			UNK-NOLG		2"			
					3"			
					4"			
					6"			
					8"			
					10"			
					12"			
					14"			
					16"			
					OTH			

