

**Complete Distribution System Materials Inventory (CDSMI): Line-by-Line Inventory**

**Authorization Language:** 2018 revisions to the Michigan Safe Drinking Water Act, 1976 PA 399, as amended, requires that water supplies develop and maintain a CDSMI. Pursuant to Rule 325.11604(c)(ii), the CDSMI must be submitted to the Michigan Department of Environment, Great Lakes, and Energy (EGLE). Federal rule 40 CFR § Part 141.84(a) also requires submission of an inventory by October 16, 2024. To meet both state and federal requirements, the CDSMI must be submitted to EGLE by October 16, 2024.

**PWSID:** The Public Water System Identification (PWSID) is a combination of MI00 plus the water supply's 5-digit Water Supply Serial Number (WSSN). For example, if the WSSN is 01234, the PWSID is MI0001234.

**Service Lines Categories**

<b>Any Portion Contains Lead:</b>	Any portion of a service line that is made of lead or any lead pigtail, lead gooseneck, or other lead fitting that is connected to the service line, or both. In short, any service line that contains any lead.
<b>Galvanized Previously Connected to Lead (GPCL):</b>	A galvanized service line that WAS previously connected to a lead service line, gooseneck, or pigtail, or if the system is <b>unable</b> to demonstrate that the galvanized line was never downstream of lead piping. If a galvanized line is still connected to lead, it is considered a lead service line and must be counted in the category above. <b>Note:</b> Under the recently promulgated federal Lead and Copper Rule Revisions, service lines in this category are referred to as "galvanized requiring replacement (GRR)."
<b>Non-Lead:</b>	Contains neither lead nor GPCL. This category may include service lines of unknown material if they are known not to contain lead or GPCL. If there is a possibility the service line contains lead or GPCL, but the material is unknown, it should be categorized as lead status unknown.
<b>Lead Status Unknown:</b>	The service line material is not known to be lead or GPCL and there is not enough evidence to support material classification.

**Inventory Spreadsheets Required Fields:**

<b>General Instructions</b>	Each row in this worksheet represents one service line. Use additional lines and "Unique Identifier" if there are multiple service lines for one address. The worksheet includes required and optional elements; the columns from Column A to P are required, while Column Q to AQ are optional, as noted in Row 8 of the Inventory Worksheet. Water supplies may not customize the required section; water systems may customize the optional section. Instructions below (from number 1 to 7) provide necessary information to complete the Inventory Worksheet. Additional relevant instructions on how to complete each of the required columns are provided in Row 11.
1	Physical Address: Specify the location of the building and subsequent service line (From Column A to Column D). Provide additional information in (Column E) if there are multiple service lines for one address and a unique identifier is necessary.
2	Basis of Material Classification: Select from a drop down for each cell (Gooseneck (Column F) , System-Owned Portion (Column H), and Customer-Owned Portion (Column J)).
3	Service Line Material Classification: Select from a drop down for each cell (Gooseneck (Column G), System-Owned Portion (Column I), and Customer-Owned Portion (Column K)).
4	Select if lead was present in either the Gooseneck (Column G) or System-Owned Portion (Column I). In Column L, <b>Note:</b> Water supplies should not select "No" if <b>unable</b> to demonstrate that the galvanized line was never downstream of lead piping.
5	The water supply must keep the documentation of denied access to the interior of the building (e.g., the date of the denial, to whom the denial was communicated, and the denial itself in writing (R.1604(C) (iii)). In Column O, water supplies that encountered denial of access must provide the date of denial.
6	Columns (from Column Q to AQ) are considered optional and, although strongly encouraged, are not required for the final submittal.
7	Manufactured Housing Community (MHC) connections to units (risers) are considered service lines, therefore MHCs should fill out this entire Inventory Worksheet. Use the same materials for the system-owned and customer-owned columns (Columns I and K)

**Submit Form to the Michigan Department of Environment, Great Lakes, and Energy (EGLE)**

**Submission of line-by-line inventory** Submit the completed line-by-line inventory (as described in the CDSMI Submission Memo) to EGLE via upload to the Michigan Environmental Health and Drinking Water Information System (MiEHDWIS) or via email to your local district office no later than October 16, 2024. If you need this information in an alternate format, contact EGLE-Accessibility@Michigan.gov or call 800-662-9278.

**Freedom of Information Act** This inventory template and its contents are subject to the Freedom of Information Act and may be released to the public.

EGLE does not discriminate on the basis of race, sex, religion, age, national origin, color, marital status, disability, political beliefs, height, weight, genetic information, or sexual orientation in the administration of any of its programs or activities, and prohibits intimidation and retaliation, as required by applicable laws and regulations.

Questions or concerns should be directed to the Nondiscrimination Compliance Coordinator at  
EGLE-NondiscriminationCC@Michigan.gov or 517-249-0906.

EQP5865 (Rev. 03/2024)

Project Information		Financial Summary		Operational Data		Performance Metrics		Risk Assessment		Compliance Status		Reporting Period		Approval Status		Notes	
Project ID	Name	Budget	Actual	Units	Quality	Efficiency	Customer Sat.	Compliance	Risk Level	Compliance	Reporting	Approval	Start Date	End Date	Approved	Comments	
001	Project A	1000	950	100	95	100	90	High	Compliant	Q1-2023	Approved	2023-01-01	2023-03-31	Yes	On track		
002	Project B	2000	2100	200	100	100	85	Medium	Compliant	Q2-2023	Approved	2023-04-01	2023-06-30	Yes	Minor delay		
003	Project C	500	500	50	100	100	95	Low	Compliant	Q3-2023	Approved	2023-07-01	2023-09-30	Yes	Completed		
004	Project D	1500	1400	150	98	100	88	Medium	Compliant	Q4-2023	Approved	2023-10-01	2023-12-31	Yes	Good progress		
005	Project E	3000	3200	300	100	100	80	High	Compliant	Q1-2024	Approved	2024-01-01	2024-03-31	Yes	Watch budget		
006	Project F	700	700	70	100	100	92	Low	Compliant	Q2-2024	Approved	2024-04-01	2024-06-30	Yes	On schedule		
007	Project G	1200	1150	120	99	100	87	Medium	Compliant	Q3-2024	Approved	2024-07-01	2024-09-30	Yes	Staying on track		
008	Project H	1800	1900	180	100	100	82	Medium	Compliant	Q4-2024	Approved	2024-10-01	2024-12-31	Yes	Minor issues		
009	Project I	4000	4100	400	100	100	75	High	Compliant	Q1-2025	Approved	2025-01-01	2025-03-31	Yes	Review budget		
010	Project J	900	900	90	100	100	93	Low	Compliant	Q2-2025	Approved	2025-04-01	2025-06-30	Yes	Excellent		
011	Project K	1100	1050	110	99	100	89	Medium	Compliant	Q3-2025	Approved	2025-07-01	2025-09-30	Yes	Good		
012	Project L	1600	1700	160	100	100	84	Medium	Compliant	Q4-2025	Approved	2025-10-01	2025-12-31	Yes	Minor delays		
013	Project M	2500	2600	250	100	100	78	High	Compliant	Q1-2026	Approved	2026-01-01	2026-03-31	Yes	Monitor budget		
014	Project N	600	600	60	100	100	94	Low	Compliant	Q2-2026	Approved	2026-04-01	2026-06-30	Yes	On time		
015	Project O	1300	1250	130	99	100	86	Medium	Compliant	Q3-2026	Approved	2026-07-01	2026-09-30	Yes	Stable		
016	Project P	1900	2000	190	100	100	81	Medium	Compliant	Q4-2026	Approved	2026-10-01	2026-12-31	Yes	Minor issues		
017	Project Q	2800	2900	280	100	100	76	High	Compliant	Q1-2027	Approved	2027-01-01	2027-03-31	Yes	Review budget		
018	Project R	800	800	80	100	100	91	Low	Compliant	Q2-2027	Approved	2027-04-01	2027-06-30	Yes	Excellent		
019	Project S	1000	950	100	98	100	88	Medium	Compliant	Q3-2027	Approved	2027-07-01	2027-09-30	Yes	Good		
020	Project T	1400	1500	140	100	100	83	Medium	Compliant	Q4-2027	Approved	2027-10-01	2027-12-31	Yes	Minor delays		
021	Project U	2200	2300	220	100	100	77	High	Compliant	Q1-2028	Approved	2028-01-01	2028-03-31	Yes	Monitor budget		
022	Project V	700	700	70	100	100	92	Low	Compliant	Q2-2028	Approved	2028-04-01	2028-06-30	Yes	On time		
023	Project W	1100	1050	110	99	100	87	Medium	Compliant	Q3-2028	Approved	2028-07-01	2028-09-30	Yes	Stable		
024	Project X	1500	1600	150	100	100	82	Medium	Compliant	Q4-2028	Approved	2028-10-01	2028-12-31	Yes	Minor issues		
025	Project Y	2400	2500	240	100	100	75	High	Compliant	Q1-2029	Approved	2029-01-01	2029-03-31	Yes	Review budget		
026	Project Z	900	900	90	100	100	93	Low	Compliant	Q2-2029	Approved	2029-04-01	2029-06-30	Yes	Excellent		
027	Project AA	1200	1150	120	99	100	89	Medium	Compliant	Q3-2029	Approved	2029-07-01	2029-09-30	Yes	Good		
028	Project AB	1600	1700	160	100	100	84	Medium	Compliant	Q4-2029	Approved	2029-10-01	2029-12-31	Yes	Minor delays		
029	Project AC	2600	2700	260	100	100	76	High	Compliant	Q1-2030	Approved	2030-01-01	2030-03-31	Yes	Monitor budget		
030	Project AD	800	800	80	100	100	91	Low	Compliant	Q2-2030	Approved	2030-04-01	2030-06-30	Yes	On time		
031	Project AE	1000	950	100	98	100	88	Medium	Compliant	Q3-2030	Approved	2030-07-01	2030-09-30	Yes	Good		
032	Project AF	1400	1500	140	100	100	83	Medium	Compliant	Q4-2030	Approved	2030-10-01	2030-12-31	Yes	Minor delays		
033	Project AG	2200	2300	220	100	100	77	High	Compliant	Q1-2031	Approved	2031-01-01	2031-03-31	Yes	Monitor budget		
034	Project AH	700	700	70	100	100	92	Low	Compliant	Q2-2031	Approved	2031-04-01	2031-06-30	Yes	On time		
035	Project AI	1100	1050	110	99	100	87	Medium	Compliant	Q3-2031	Approved	2031-07-01	2031-09-30	Yes	Stable		
036	Project AJ	1500	1600	150	100	100	82	Medium	Compliant	Q4-2031	Approved	2031-10-01	2031-12-31	Yes	Minor issues		
037	Project AK	2400	2500	240	100	100	75	High	Compliant	Q1-2032	Approved	2032-01-01	2032-03-31	Yes	Review budget		
038	Project AL	900	900	90	100	100	93	Low	Compliant	Q2-2032	Approved	2032-04-01	2032-06-30	Yes	Excellent		
039	Project AM	1200	1150	120	99	100	89	Medium	Compliant	Q3-2032	Approved	2032-07-01	2032-09-30	Yes	Good		
040	Project AN	1600	1700	160	100	100	84	Medium	Compliant	Q4-2032	Approved	2032-10-01	2032-12-31	Yes	Minor delays		
041	Project AO	2600	2700	260	100	100	76	High	Compliant	Q1-2033	Approved	2033-01-01	2033-03-31	Yes	Monitor budget		
042	Project AP	800	800	80	100	100	91	Low	Compliant	Q2-2033	Approved	2033-04-01	2033-06-30	Yes	On time		
043	Project AQ	1000	950	100	98	100	88	Medium	Compliant	Q3-2033	Approved	2033-07-01	2033-09-30	Yes	Good		
044	Project AR	1400	1500	140	100	100	83	Medium	Compliant	Q4-2033	Approved	2033-10-01	2033-12-31	Yes	Minor delays		
045	Project AS	2200	2300	220	100	100	77	High	Compliant	Q1-2034	Approved	2034-01-01	2034-03-31	Yes	Monitor budget		
046	Project AT	700	700	70	100	100	92	Low	Compliant	Q2-2034	Approved	2034-04-01	2034-06-30	Yes	On time		
047	Project AU	1100	1050	110	99	100	87	Medium	Compliant	Q3-2034	Approved	2034-07-01	2034-09-30	Yes	Stable		
048	Project AV	1500	1600	150	100	100	82	Medium	Compliant	Q4-2034	Approved	2034-10-01	2034-12-31	Yes	Minor issues		
049	Project AW	2400	2500	240	100	100	75	High	Compliant	Q1-2035	Approved	2035-01-01	2035-03-31	Yes	Review budget		
050	Project AX	900	900	90	100	100	93	Low	Compliant	Q2-2035	Approved	2035-04-01	2035-06-30	Yes	Excellent		
051	Project AY	1200	1150	120	99	100	89	Medium	Compliant	Q3-2035	Approved	2035-07-01	2035-09-30	Yes	Good		
052	Project AZ	1600	1700	160	100	100	84	Medium	Compliant	Q4-2035	Approved	2035-10-01	2035-12-31	Yes	Minor delays		
053	Project BA	2600	2700	260	100	100	76	High	Compliant	Q1-2036	Approved	2036-01-01	2036-03-31	Yes	Monitor budget		
054	Project BB	800	800	80	100	100	91	Low	Compliant	Q2-2036	Approved	2036-04-01	2036-06-30	Yes	On time		
055	Project BC	1000	950	100	98	100	88	Medium	Compliant	Q3-2036	Approved	2036-07-01	2036-09-30	Yes	Good		
056	Project BD	1400	1500	140	100	100	83	Medium	Compliant	Q4-2036	Approved	2036-10-01	2036-12-31	Yes	Minor delays		
057	Project BE	2200	2300	220	100	100	77	High	Compliant	Q1-2037	Approved	2037-01-01	2037-03-31	Yes	Monitor budget		
058	Project BF	700	700	70	100	100	92	Low	Compliant	Q2-2037	Approved	2037-04-01	2037-06-30	Yes	On time		
059	Project BG	1100	1050	110	99	100	87	Medium	Compliant	Q3-2037	Approved	2037-07-01	2037-09-30	Yes	Stable		
060	Project BH	1500	1600	150	100	100	82	Medium	Compliant	Q4-2037	Approved	2037-10-01	2037-12-31	Yes	Minor issues		
061	Project BI	2400	2500	240	100	100	75	High	Compliant	Q1-2038	Approved	2038-01-01	2038-03-31	Yes	Review budget		
062	Project BJ	900	900	90	100	100	93	Low	Compliant	Q2-2038	Approved	2038-04-01	2038-06-30	Yes	Excellent		
063	Project BK	1200	1150	120	99	100	89	Medium	Compliant	Q3-2038	Approved	2038-07-01	2038-09-30	Yes	Good		
064	Project BL	1600	1700	160	100	100	84	Medium	Compliant	Q4-2038	Approved	2038-10-01	2038-12-31	Yes	Minor delays		
065	Project BM	2600	2700	260	100	100	76	High	Compliant	Q1-2039	Approved	2039-01-01	2039-03-31	Yes	Monitor budget		
066	Project BN	800	800	80	100	100	91	Low	Compliant	Q2-2039	Approved	2039-04-01	2039-06-30	Yes	On time		
067	Project BO	1000	950	100	98	100	88	Medium	Compliant	Q3-2039	Approved	2039-07-01	2039-09-30	Yes	Good		
068	Project BP	1400	1500	140	100	100	83	Medium	Compliant	Q4-2039	Approved	2039-10-01	2039-12-31	Yes	Minor delays		
069	Project BQ	2200	2300	220	100	100	77	High	Compliant	Q1-2040	Approved	2040-01-01	2040-03-31	Yes	Monitor budget		
070	Project BR	700	700	70	100	100	92	Low	Compliant	Q2-2040	Approved	2040-04-01	2040-06-30	Yes	On time		
071	Project BS	1100	1050	110	99	100	87	Medium	Compliant	Q3-2040	Approved	2040-07-01	2040-09-30	Yes	Stable		
072	Project BT	1500	1600	150	100	100	82	Medium	Compliant	Q4-2040	Approved	2040-10-01	2040-12-31	Yes	Minor issues		
073	Project BU	2400	2500	240	100	100	75	High	Compliant	Q1-2041	Approved	2041-01-01	2041-03-31	Yes	Review budget		
074	Project BV	900	900	90	100	100	93	Low	Compliant	Q2-2041	Approved	2041-04-01	2041-06-30	Yes	Excellent		
075	Project BW	1200	1150	120	99	100	89	Medium	Compliant	Q3-2041	Approved	2041-07-01	2041-09-30	Yes	Good		
076	Project BX	1600	1700	160	100	100	84	Medium	Compliant	Q4-2041	Approved	2041-10-01	2041-12-31	Yes	Minor delays		
077	Project BY	2600	2700	260	100	100	76	High	Compliant	Q1-2042	Approved	2042-01-01	2042-03-31	Yes	Monitor budget		
078	Project BZ	800	800	80	100	100	91	Low	Compliant	Q2-2042	Approved	2042-04-01	2042-06-30	Yes	On time		
079	Project CA	1000	950	100	98	100	88	Medium	Compliant	Q3-2042	Approved	2042-07-01	2042-09-30	Yes	Good		
080	Project CB	1400	1500	140	100	100	83	Medium	Compliant	Q4-2042	Approved	2042-10-01	2042-12-31	Yes	Minor delays		
081	Project CC	2200	2300	220	100	100	77	High	Compliant	Q1-2043	Approved	2043-01-01	2043-03-31	Yes	Monitor budget		
082	Project CD	700	700	70	100	100	92	Low	Compliant	Q2-2043	Approved	2043-04-01	2043-06-30	Yes	On time		
083	Project CE	1100	1050	110	99	100	87	Medium	Compliant	Q3-2043	Approved	2043-07-01	2043-09-30	Yes	Stable		
084	Project CF	1500	1600	150	100	100	82	Medium	Compliant	Q4-2043	Approved	2043-10-01	2043-12-31	Yes	Minor issues		
085	Project CG	2400	2500	240	100	100	75	High	Compliant	Q1-2044	Approved	2044-01-01	2044-03-31	Yes	Review budget		
086	Project CH	900	900	90	100	10											























































































































































































































































































































































































































































































































































Year	Month	Day	Hour	Minute	Second	Activity	Location	Personnel	Equipment	Material	Cost	Notes
2023	01	01	08	00	00	Start of shift	Site A	John Doe	Excavator	None	0.00	
2023	01	01	08	05	00	Excavation work	Site A	John Doe	Excavator	None	0.00	
2023	01	01	08	10	00	Excavation work	Site A	John Doe	Excavator	None	0.00	
2023	01	01	08	15	00	Excavation work	Site A	John Doe	Excavator	None	0.00	
2023	01	01	08	20	00	Excavation work	Site A	John Doe	Excavator	None	0.00	
2023	01	01	08	25	00	Excavation work	Site A	John Doe	Excavator	None	0.00	
2023	01	01	08	30	00	Excavation work	Site A	John Doe	Excavator	None	0.00	
2023	01	01	08	35	00	Excavation work	Site A	John Doe	Excavator	None	0.00	
2023	01	01	08	40	00	Excavation work	Site A	John Doe	Excavator	None	0.00	
2023	01	01	08	45	00	Excavation work	Site A	John Doe	Excavator	None	0.00	
2023	01	01	08	50	00	Excavation work	Site A	John Doe	Excavator	None	0.00	
2023	01	01	08	55	00	Excavation work	Site A	John Doe	Excavator	None	0.00	
2023	01	01	09	00	00	End of shift	Site A	John Doe	Excavator	None	0.00	
2023	01	01	09	05	00	Start of shift	Site B	Jane Smith	Excavator	None	0.00	
2023	01	01	09	10	00	Excavation work	Site B	Jane Smith	Excavator	None	0.00	
2023	01	01	09	15	00	Excavation work	Site B	Jane Smith	Excavator	None	0.00	
2023	01	01	09	20	00	Excavation work	Site B	Jane Smith	Excavator	None	0.00	
2023	01	01	09	25	00	Excavation work	Site B	Jane Smith	Excavator	None	0.00	
2023	01	01	09	30	00	Excavation work	Site B	Jane Smith	Excavator	None	0.00	
2023	01	01	09	35	00	Excavation work	Site B	Jane Smith	Excavator	None	0.00	
2023	01	01	09	40	00	Excavation work	Site B	Jane Smith	Excavator	None	0.00	
2023	01	01	09	45	00	Excavation work	Site B	Jane Smith	Excavator	None	0.00	
2023	01	01	09	50	00	Excavation work	Site B	Jane Smith	Excavator	None	0.00	
2023	01	01	09	55	00	Excavation work	Site B	Jane Smith	Excavator	None	0.00	
2023	01	01	10	00	00	End of shift	Site B	Jane Smith	Excavator	None	0.00	
2023	01	01	10	05	00	Start of shift	Site C	Mike Johnson	Excavator	None	0.00	
2023	01	01	10	10	00	Excavation work	Site C	Mike Johnson	Excavator	None	0.00	
2023	01	01	10	15	00	Excavation work	Site C	Mike Johnson	Excavator	None	0.00	
2023	01	01	10	20	00	Excavation work	Site C	Mike Johnson	Excavator	None	0.00	
2023	01	01	10	25	00	Excavation work	Site C	Mike Johnson	Excavator	None	0.00	
2023	01	01	10	30	00	Excavation work	Site C	Mike Johnson	Excavator	None	0.00	
2023	01	01	10	35	00	Excavation work	Site C	Mike Johnson	Excavator	None	0.00	
2023	01	01	10	40	00	Excavation work	Site C	Mike Johnson	Excavator	None	0.00	
2023	01	01	10	45	00	Excavation work	Site C	Mike Johnson	Excavator	None	0.00	
2023	01	01	10	50	00	Excavation work	Site C	Mike Johnson	Excavator	None	0.00	
2023	01	01	10	55	00	Excavation work	Site C	Mike Johnson	Excavator	None	0.00	
2023	01	01	11	00	00	End of shift	Site C	Mike Johnson	Excavator	None	0.00	
2023	01	01	11	05	00	Start of shift	Site D	Sarah Lee	Excavator	None	0.00	
2023	01	01	11	10	00	Excavation work	Site D	Sarah Lee	Excavator	None	0.00	
2023	01	01	11	15	00	Excavation work	Site D	Sarah Lee	Excavator	None	0.00	
2023	01	01	11	20	00	Excavation work	Site D	Sarah Lee	Excavator	None	0.00	
2023	01	01	11	25	00	Excavation work	Site D	Sarah Lee	Excavator	None	0.00	
2023	01	01	11	30	00	Excavation work	Site D	Sarah Lee	Excavator	None	0.00	
2023	01	01	11	35	00	Excavation work	Site D	Sarah Lee	Excavator	None	0.00	
2023	01	01	11	40	00	Excavation work	Site D	Sarah Lee	Excavator	None	0.00	
2023	01	01	11	45	00	Excavation work	Site D	Sarah Lee	Excavator	None	0.00	
2023	01	01	11	50	00	Excavation work	Site D	Sarah Lee	Excavator	None	0.00	
2023	01	01	11	55	00	Excavation work	Site D	Sarah Lee	Excavator	None	0.00	
2023	01	01	12	00	00	End of shift	Site D	Sarah Lee	Excavator	None	0.00	































































































































