



MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY  
**RESOURCE MANAGEMENT DIVISION**  
**STREAMLINED WATER MAIN PERMIT CHECKLIST**

*Completion of this form is voluntary*

For projects with up to 3,000' of either Ductile Iron or PVC water main with pipe diameter ≥ 6" and ≤12".

- Please complete this checklist to expedite permit processing and issuance.
- A Permit Application for Water Supply Systems must be completed and submitted with this form.
- For pre-approved standard specifications complete items 1 through 22.
- Without pre-approved standard specifications complete items 1 through 20 and 23 through 28.

**PROJECT NAME:** \_\_\_\_\_  
(as entered on page one of application)

**WATER SUPPLY NAME:** \_\_\_\_\_ **WSSN:** \_\_\_\_\_

**GENERAL** (indicate by checking the box under Yes or NA)

- |    | Yes                      | NA                       |   |
|----|--------------------------|--------------------------|---|
| 1  | <input type="checkbox"/> |                          | Project will be owned by a utility  |
| 2  | <input type="checkbox"/> |                          | P.E. seal with signature on plans (and specifications if included)                                |
| 3  | <input type="checkbox"/> |                          | All water mains will be constructed within rights-of-way or easements                             |
| 4  | <input type="checkbox"/> |                          | Total project water main length is less than 3,000 feet   |
| 5  | <input type="checkbox"/> |                          | Water main material is either ductile iron meeting AWWA C151 or PVC meeting AWWA C900             |
| 6  | <input type="checkbox"/> |                          | All water main pipe diameter is equal to or between 6 inches and 12 inches                        |
| 7  | <input type="checkbox"/> |                          | Plans show plan & profile views and indicate all major utility crossings and locations            |
| 8  | <input type="checkbox"/> |                          | Depth of bury for all water mains is > 5 feet (if a U.P. project, 6 ft if D.I. and 7.5 ft if PVC) |
| 9  | <input type="checkbox"/> |                          | Spacing between valves is a maximum of 800 feet   |
| 10 | <input type="checkbox"/> |                          | Spacing between hydrants is a maximum of 600 feet   |
| 11 | <input type="checkbox"/> |                          | Hydrant drain holes plugged in areas of poorly drained soils or high groundwater table            |
| 12 | <input type="checkbox"/> |                          | 10 feet horizontal separation provided between all sewers and water mains                         |
| 13 | <input type="checkbox"/> |                          | 18 inches vertical separation provided at all crossings of sewers and water mains                 |
| 14 | <input type="checkbox"/> | <input type="checkbox"/> | Water main project creates dead ends  |
| 15 | <input type="checkbox"/> |                          | Water main will be disinfected and sampled in accordance with AWWA C651                           |
| 16 | <input type="checkbox"/> | <input type="checkbox"/> | Project conforms to water system master plan or reliability study (if available)                  |

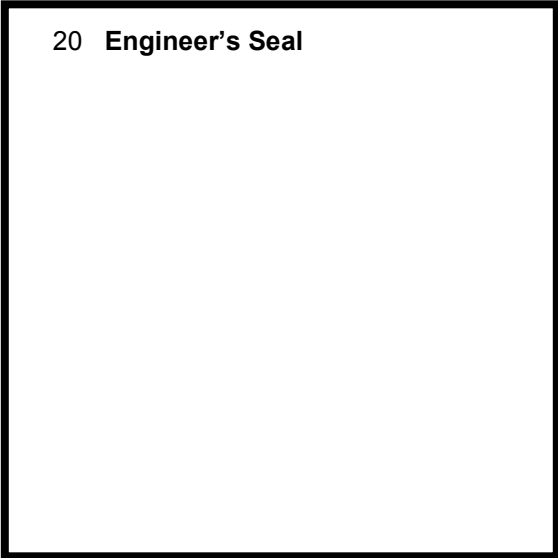
**DESIGN ENGINEER CERTIFICATION**

By sealing and signing this checklist I hereby certify to the best of my understanding, knowledge, and belief that the project information herein provided is correct and accurate.

17 \_\_\_\_\_  
 Signature of Design Engineer

18 \_\_\_\_\_  
 Printed or Typed Name of Design Engineer

19 \_\_\_\_\_  
 Printed or Typed Date of Signature (Month, Day and Year)



**DEQ PRE-APPROVED STANDARD SPECIFICATIONS**

- |    | Yes                      | No                       |  |
|----|--------------------------|--------------------------|--|
| 21 | <input type="checkbox"/> | <input type="checkbox"/> | The name and date of the standard specifications are on the cover sheet of the plans |

22 Name and date of Specification: \_\_\_\_\_

**COMPLETE THIS SECTION IF PRE-APPROVED STANDARD SPECIFICATIONS ARE NOT BEING USED**

**23 WATER MAIN MATERIALS**

Type & Class of Pipe:	DR or SDR Rating	AWWA Standard	(yes/no)	NSF Approved	(yes/no)
Ductile _____	_____	C151	_____	NSF-61	_____
PVC _____	_____	C900	_____	NSF-pw	_____

**24 INSTALLATION**

Yes NA

- If ductile iron pipe, do installation procedures meet AWWA C600?
- If PVC pipe, do installation procedures meet AWWA C605?
- Are all appurtenances, including hydrants, valves, fittings, restraint control and corrosion control consistent with existing utility configuration and standards?

**25 VALVES**

Type	Size	Spacing (Min-Max Distance)	Restraint/Blocking Type
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

List the AWWA standard(s) to which valves will conform: \_\_\_\_\_

**26 HYDRANTS**

Type/Brand	Size	Spacing (Min-Max Distance)	Restraint/Blocking Type
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

List the AWWA standard(s) to which hydrants will conform: \_\_\_\_\_

**27 JOINTS**

Type	Size	Gasket Material	Restraint/Blocking Type
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

List the AWWA standard(s) to which joints will conform: \_\_\_\_\_

**28 CRITICAL CROSSINGS (i.e., Railroad, Highway, River, etc.)**

Type	Size	Gasket Material	Restraint/Blocking Type
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____