

Plugging of Sewer Laterals

Update report to Board of Public Works, 7/16/2014
Since implementation of short-liner plugging in the mains

Page 1 – Copy of previous Ordinance changes to provide for new lateral plugging requirements with fees to be established by the Board of Public Works and adjusted periodically as needed.

Page 2 – Present fee schedule that was adopted by the Board of Public Works on 12/12/2012, with proposed revision of plug permit fees to add sizes 18”, 21” and 24” diameter, and plugging in the SAS (manhole). The proposed revisions shown in yellow.

Page 3 – Application prepared for new plug requirements

Page 4 – Summary of calculated actual costs to install short-liners -does not include the property line inspection (\$100) and the administration time (\$50).

Page 5 – count of present number of plug permits issued in 2013. The 48 completed in 2013 compares to prior years as follows:

2012: 52
2011: 35
2010: 28
2009: 24

Summary – the requirement to plug at both the property line and within the sewer main (by City crews with shortliners) seems to be working well. The Development community understands the need and has complied and been cooperative with this initiative. The costs per liner are very close to the original cost estimate and permit fee established by the Board of Public Works. No fee increase or decrease is recommended at this time. It is recommended that the Board approve and establish fees for 18”, 21” and 24” diameter lateral liner plugs as well as a fee to plug within a Sewer Access Structure (SAS).

11. No connection of a building drain subject to backflow or backwater shall be made to any sanitary sewer unless it is protected with a backwater valve or sump with pumping equipment as specified in the Wis. Admin. Code § ILHR 82.30(11)(a)(2).
 12. No connection shall be made to any sanitary sewer if the connection pipe is carrying flow from a building foundation drain.
 13. Where new construction or development occurs, the owner or builder shall establish preliminary public sewer service with the establishment of water service and prior to the installation of the water meter. A one-time sewer use fee shall be collected with the initial water service permit. The fee shall equal one half of the 'flat rate' charge as described in Sec 35.02(6)(b)3., rounded down to the nearest five dollars (\$5).
 14. Any existing sanitary lateral that is to be removed or abandoned shall obtain a Permit to Plug Sewer Lateral from the City Engineer.
 - a. Where the public sanitary sewer main conditions allow, the plugging of the sanitary lateral shall be completed by City crews using a short liner process at the sanitary lateral connection to the sanitary sewer main. It is then the responsibility of the owner of the lateral to properly plug the lateral at the property line. The fee for plugging shall be based upon the estimated average cost incurred by City crews to install the short liner and including administering the permit. This fee shall be established by the Board of Public Works and adjusted periodically as necessary.
 - b. If City crews are unable to plug the lateral by short liner at the sanitary sewer main, the owner shall properly plug the sanitary lateral at the property line. The cost of the plugging permit shall then be one thousand dollars (\$1,000) and shall include a one hundred dollars (\$100) inspection fee and a nine hundred dollars (\$900) deposit for guarantee of the performance of the work and call for inspection of the work.
 - c. All conditions of the permit must be adhered to and the plugging properly inspected by the City inspector to obtain any refund of the deposit.
 - d. The Permit to Plug Sewer Lateral shall be valid for sixty (60) days from the date of issuance unless the permit is extended in writing by the City Engineer. Following an additional sixty (60) days after the expiration of the permit, the permit will be closed and any deposits remaining, less inspection fees or other permit costs, will be returned. Upon closing of the permit, the owner must apply for a new permit to complete the sewer lateral plugging work.
- (5) Use of the Public Sewerage System.
- (a) Prohibited Discharges.
 1. No person shall discharge wastes to the Public Sewerage System which cause, or are capable of causing either alone or with other substances:
 - a. A fire or explosion hazard including, but not limited to, waste streams with a closed cup flashpoint of less than 140°F or 60°C using the test methods specified in 40 CFR 261.21;
 - b. Obstruction of flow or damage to the public sewerage system;
 - c. Danger to life or safety of any persons;



Application to Abandon Sanitary Sewer Lateral

City of Madison Engineering Division

210 Martin Luther King Jr. Blvd. ■ City-County Building Suite 115 ■ Madison, WI 53703

Section 1 ■ Address(es) of Sanitary Lateral to be Abandoned

Section 2 ■ Property Owner

Full Name: _____
Last First Company or Organization

Mailing Address: _____
Street Apartment/Unit #

City State ZIP Code

Contact Phone: _____ E-Mail: _____

Section 3 ■ Owner Representative

Same as Property Owner (Check if YES, and continue with Section 4)

Full Name: _____
Last First Company or Organization

Mailing Address: _____
Street Apartment/Unit #

City State ZIP Code

Contact Phone: _____ E-Mail: _____

Section 4 ■ Abandonment Information

Number of Sanitary Laterals to be Abandoned (fill in table below to indicate number of sanitary laterals of each type/main size to be abandoned):

	6 INCH	8 INCH	10 INCH	12 INCH	15 INCH	Total
Permanent						0
Temporary						0

Map showing location of sanitary lateral(s) to be abandoned attached.
****Please note application cannot be processed without map****

Work to be performed by _____

Field Contact _____ Phone Number _____

Section 5 ■ Permit Fees

Temporary Abandonments

	Total
Inspection (Number of temporary sanitary laterals to be abandoned in Section 4 x \$100)	\$ 0.00
Deposit (Number of temporary sanitary laterals to be abandoned in Section 4 x \$900)	\$ 0.00
Total	\$ 0.00

FEES RECEIVED
Office Use Only

Date _____

Amt _____

By _____

Permanent Abandonments:

Permanent sanitary sewer plugs will also be plugged at the main by the Engineering Division. Applicant will be notified of permit fees once permit is reviewed. Permit will not be issued until fees are paid in full. Permanent plugs are subject to the fee schedule below:

	6 INCH	8 INCH	10 INCH	12 INCH	15 INCH	Total
Number (Permanent abandonments in Section 4)						0
Cost	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00

Fee Schedule						
PLUG AT PROPERTY LINE (Permanent or Temporary – Work Done by Owner)						
Inspection Fee	\$100.00					
Deposit	\$900.00					
PLUG AT MAIN (By Size of Sanitary Main – Work Done by City Engineering)						
	6 INCH	8 INCH	10 INCH	12 INCH	15 INCH	
Administration Fee	\$47.76	\$47.76	\$47.76	\$47.76	\$47.76	\$47.76
Sanitary Main Cleaning & Inspection Fee	\$230.34	\$230.34	\$230.34	\$230.34	\$230.34	\$230.34
Plugging Fee (Labor & Materials)	\$1,596.90	\$1,646.90	\$1,696.90	\$1,771.90	\$1,946.90	\$1,946.90
*Total Permit Fee	\$2,875.00	\$2,925.00	\$2,975.00	\$3,050.00	\$3,225.00	

**Total Permit Fee includes \$1,000.00 for deposit/inspection for plug at property line (\$100.00 Inspection & \$900.00 Deposit per lateral)*

Permit Deposit refund to be made payable to Property Owner Owner Representative

Section 6 ■ General Permit Conditions

The Owner/Representative of Owner, of the property located at the address/es shown on this application to agrees perform all work in accordance with Section 35.02(4)(c)14 of the Madison General Ordinances and is subject to the following conditions:

1. The Owner/Representative of Owner shall excavate, expose and plug the existing sanitary lateral(s) on the above property at the point where it enters public right-of-way or easements, or as required by any special conditions of the permit.
2. The Owner/Representative of Owner shall **notify City Engineering Construction Inspector 266-4514 at least 24 hours in advance** and shall allow entry on the property to inspect the sewer plug or reconnection if owner decides to re-use the existing lateral instead of abandoning it.
3. The Owner/Representative of Owner shall backfill the excavation with supervision of the City Engineer to insure no damage is done to the lateral plug by the backfill operation.
4. Upon successful completion and inspection of this work, the permit deposit shall be refunded to the applicant.
5. The Owner/Representative of Owner shall assume all responsibility for any damage done to persons or property which may result due to the abandoning of the lateral(s).
6. The Owner/Representative of Owner shall satisfactorily comply with the above conditions within 60 days after the date on this form unless the time is extended in writing by the City Engineer.

For **temporary sanitary sewer lateral plugs** where the lateral will be reconnected or reused for future development the lateral shall be plugged at the property line by the owner. The permit fee will consist of a \$100 non-refundable inspection fee along with a deposit of \$900 for assurance of the plugging work. Following successful inspection by City Engineering of the temporary plug per the plans and permit conditions the \$900 deposit will be refunded to the permit holder.

For laterals that are to be **permanently plugged** the lateral is to be plugged at the property line by the owner (following the same procedures as the temporary sewer plug process) and it will also be plugged at the sanitary sewer main by City Engineering using a short liner process. The permit fee for a permanent plug will consist of the same inspection and deposit fees required for a temporary plug as well as fees to cover the inspection and plugging of the lateral at the sewer main. These additional permit fees are set by the Board of Public Works and are based on the size of the sanitary sewer main (see fee table below). If after cleaning and inspection of the sanitary sewer main City Engineering determines that short liner plugging cannot be completed the Plugging Fee (Labor & Materials) will be refunded to the permit holder. (MGO CH 35.02(4)(c)14)

Make checks payable to City Treasurer. Return completed application to the City of Madison Engineering Division at 210 Martin Luther King Jr. Blvd., Suite 115.

Signature _____

Date of Application _____

Dailey, Mike

From: Danner-Rivers, Steve
Sent: Tuesday, December 03, 2013 12:23 PM
To: Dailey, Mike
Cc: Cryan, Kathy
Subject: Sewer Plugs

Here is an updated summary for 2013...

	<u>Qty Complete</u>	<u>Qty Forfeit</u>	<u>Qty Open</u>	<u>Qty Lined</u>	<u>Qty Needs Lining</u>	<u>Total Laterals</u>
Sanitary Sewer:						
Temporary	22	2	20	N/A	0	44
6" Permanent	1	1	2	1	0	4
8" Permanent	18		18	18	0	36
10" Permanent	3		2	2	0	5
12" Permanent	1		0	1	0	1
15" Permanent	1		2	1	0	3
18" Permanent	0		1	0	0	1
21" Permanent	2		1	2	0	3
24" Permanent	0		0	0	0	0
	<u>48</u>	<u>3</u>	<u>46</u>	<u>25</u>	<u>0</u>	<u>97</u>
Stormwater:						
Temporary	0		7	0	0	7
Permanent	1		7	0	1	8
	<u>1</u>	<u>0</u>	<u>14</u>	<u>0</u>	<u>1</u>	<u>15</u>

There are also four 6" Sanitary laterals from a 2012 permit (Constellation) that has not been closed out yet.

The one Stormwater lateral that is listed as needing lining is the one at 698 S Whitney that is still awaiting determination if it will be lined or not.