



ELECTRIC WATER SEWER STORMWATER

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www.HANNIBALBPW.org



POLICY:	Swimming Pools	DEPARTMENT:	Business Office / Water
APPROVED:	<i>Robert W Stinson</i>	REVIEWED / REVISED:	07/20/11

Guidelines:

For the Hannibal Board of Public Works (HBPW) customers who have swimming pools, the HBPW offers two options to fill swimming pool.

Customers may:

1. Fill the pool by using a garden hose, with the water being measured through the customer's water meter. The customer will be responsible for notifying the Business Office with the approximate gallons used to fill the pool (the number of gallons reported by the customer will be verified against the actual meter reading). Based on the amount of water used, a sewer adjustment will be calculated and credited to the customer's bill.

If the customer has purchased a watering meter from the HBPW, they should fill the pool using this meter to register the number of gallons used to fill the pool. The customer sewer charges will be adjusted in October along with regular watering meter usage.

A credit adjustment will be made for the sewer portion of the customer's bill. This adjustment will be made for any customer who is billed sewer charges by the HBPW.

By using this method, the customer is billed for the water usage and receives a sewer adjustment.

2. Fill the pool by using a nearby fire hydrant. The customer must furnish an appropriate hose (1 1/2 in. fire hose) to connect to the hydrant and must contact the Business Office 48 hours prior to the date service is needed. This service can be scheduled Monday through Friday 7:30 am - 3:00 pm excluding holidays. The water department will schedule a serviceman to connect the hose and turn on the hydrant. The customer must notify the water department to turn off the hydrant and disconnect the hose.

By using this method, the customer must pay in advance a minimum of \$50.00 plus approximate water usage. If overtime is involved, additional charges will apply.

FOR OFFICE ONLY: The Business Office will generate a work order to the water department for pool filling by use of fire hydrant. The customer is required to pay in advance and give 48 hours notice.

FORMULAS TO CALCULATED GALLONS USED:

SQUARE POOL: $L \times W \times \text{AVG. D (DEEP END + SHALLOW END / 2)} \times 7.48$
GALLONS PER CUBIC FT. = TOTAL GALLONS TO FILL A SQUARE POOL

EX: $24' \times 20' \times 6' \times 7.48 = 21,542$ GALLONS

ROUND POOL: $3.14 \pi \times (\text{RADIUS}^2) \times \text{DEPTH} \times 7.48$ GALLONS PER CUBIC FT.
= TOTAL GALLONS TO FILL A ROUND POOL

EX: $3.14 \times (15^2) \times 4' \times 7.48 = 21,138$ GALLONS

Originated / Revised History

Originated – 10/09/09
Revision 1 – 07/20/11