

## AMALGAM SEPARATOR – SolmeteX Hg5 – INSPECTION LOG

*RECORDS MUST BE KEPT ON SITE FOR THREE YEARS*

### AMALGAM SEPERATOR INFORMATION:

1. Make / Model:
2. Month / Year Installed:

**INSPECTIONS:** Inspect your SolmeteX system weekly as instructed below. See backside for more detail. Please add any site specific or additional inspection details.

- a)
- b)
- c)
- d)
- e)
- f)
- g)

**AMALGAM SEPERATOR WEEKLY CHECK:**                      **YEAR:**

Write the day and time of the inspection in the week/month below. Also note when any maintenance is conducted INCLUDING NOTE DATE WHEN THE CANISTER / FILTER IS CHANGED.

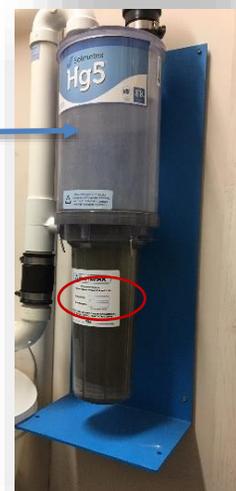
WEEK	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	Example: 4 <sup>th</sup> / 7am											
2									Example: 8 <sup>th</sup> / 6pm changed canister			
3						Example: 16 <sup>th</sup> /5pm						
4												
5												

## SolmeteX Hg5 with 1MF or 5M canister

Inspection tips to ensure it is working properly and mercury is not released to the environment

### 1. Inspect your system weekly and look for:

- Cracks, leaks and any items that may have gotten pushed up against the system
- Check the fill line use a  flashlight to get an accurate reading of the level
- Have the canister changed out before it reaches the fill line to ensure the upper chamber doesn't overflow and directly discharge amalgam into the sanitary sewer.
- Watch for standing or  bubbling water in the upper chamber; this is an indication that the system is plugged and needs service immediately as the amalgam is not able to settle in the canister.
- Inspect the system when the chair lines are being flushed to ensure the canister is not plugged and is working properly.
- Document the inspections including when any maintenance including when the canister is changed.



### 2. Change the canister (AKA filter) with an approved canister.

- The MN Pollution Control Agency approved the amalgam separators based on MN standards of meeting 99% efficiency rate.
- SolmeteX should only be sending MPCA approved canister to MN.
- For a list of approved separators go to the MPCA website:  
<https://www.pca.state.mn.us/quick-links/managing-dental-waste>  
Or contact John Gilkeson with the MPCA at [john.gilkeson@state.mn.us](mailto:john.gilkeson@state.mn.us)
- Currently the only approved canisters are the 1MF and the 5M. If your replacement canister is not one of those please contact John Gilkeson with the MPCA.
- Contact your SolmeteX rep for guidance as to how to properly change the canister.
- Note the model number of the canister maybe on the backside; use your phone and take a selfie of the back side to get the label.
- The CC-L canister is not approved for use in MN.

