



MANITOBA RENAL PROGRAM

SUBJECT <ul style="list-style-type: none"> Boil Water Advisory Procedure for NxStage Dialysis System 	SECTION 50.20 Home Hemodialysis
	CODE 50.20.10
AUTHORIZATION <ul style="list-style-type: none"> Professional Advisory Committee, Manitoba Renal Program 	EFFECTIVE DATE January 2018
	REVISION DATE

PURPOSE:

- To provide instructions to Home Hemodialysis Patients, Registered Nurses, Licensed Practical Nurses, Dialysis Technologists and Nursing Assistants in the event that the water supply for the NxStage System is affected by a Boil Water Advisory.

POLICY:

- Home Hemodialysis patients, Registered Nurses, Licensed Practical Nurses, Dialysis Technologists and Nursing Assistants who have received instruction may perform the steps outlined in this policy.
- Boil water advisories are issued when a municipal, community or private water supply is at risk of microbial contamination. In the event that a Boil Water Advisory is issued and affects the water supply for NxStage system, the steps in this policy must be followed as a precaution.

EQUIPMENT:

- NxStage Dialysis System
- New NxStage inlet water filter
- New NxStage PAK
- New NxStage SAK

PROCEDURE:

KEY POINT:

A. If you are notified of a Boil Water Advisory that affects the water feeding your NxStage system, follow these instructions:

- Do not begin a new treatment.
- If you are currently on dialysis, immediately clamp your access lines and discontinue treatment.
 - Discard bloodline that is currently on the NxStage Cyclor.
 - Drain and discard the SAK.

- Do not perform reinfusion.**

PROCEDURE:

3. If your NxStage has made or is in the process of making a batch of dialysate, drain the SAK and discard it.
4. Make arrangements to receive in-center dialysis for the duration of the Boil Water Advisory.
5. Confirm that you have a spare PAK and an inlet water filter on hand. If you do not, place a stat order to have them sent to you.
6. Contact the Dialysis Technology Department to make sure they are aware of the advisory.

Note:

If the affected water source is a private well, the well owner is responsible for taking corrective action to resolve the boil water advisory.

If the affected source is a municipal or community water supply, the operators of these facilities will be responsible for rectifying the problem and for lifting the boil water advisory.

KEY POINT:

- **Do not make a new SAK, while the Boil Water Advisory is in effect.**
- **Note:** Patients that are equipped with NxStage Premixed Dialysate Bags and a NxStage bag warmer may perform dialysis treatments using the premixed bags until the Boil Water Advisory has been lifted.

- Information on disinfecting and testing your well is available from:

Government of Manitoba
Water Stewardship, Office of Drinking Water
1007 Century Street
Winnipeg, Manitoba
R3H 0W4
T: 204-945-5762
F: 204-945-1365

https://www.gov.mb.ca/waterstewardship/odw/public-info/fact_sheets/

B. When the Boil Water Advisory has been lifted, follow these instructions:

1. If your water comes from a cistern tank that is at your home, have it pumped out and refilled with fresh water. (Not applicable to all locations.)
 2. Flush out your water pipes to ensure they contain fresh water before using them. To do this, turn all hot water taps and let them run until the water is cold.
 3. Then turn on all your cold water taps, faucets, shower heads and outside hose spigots and let them run for five minutes.
 4. Remove and clean all screens on taps and faucets.
 5. Run water softeners through a regeneration cycle. (Not applicable to all locations.)
 6. Make a new SAK and then drain and discard it.
- This will drain the hot water heater and refill it with fresh water.
 - This will flush out the NxStage inlet water lines with fresh water.

PROCEDURE:

7. If you have wall mounted pre-filters that feed water to your NxStage system, replace them. (Not applicable to all installations.)
8. If you are using a Linx system to feed water to your NxStage system, replace the DI cells. (Not applicable to all installations.)
9. Replace the white NxStage inlet water filter that is on the back of the heater cabinet.
10. Remove and discard the old PAK .
11. Install and prime a new PAK.
12. The NxStage system is now ready for use. A new SAK can be prepared for your next treatment.

KEY POINT:**CONTACT INFORMATION:**

- Dialysis Technology
Health Sciences Centre
204-787-7717
After Hours On Call:204-223-0026
- Government of Manitoba
Water Stewardship Division
Office of Drinking Water
1007 Century Street
Winnipeg, Manitoba
R3H 0W4
T: 204-945-5762
F: 204-945-1365
- Dialysis Technology
Seven Oaks Hospital
204-632-3458
After Hours On Call:204-223-0026

REFERENCES:

http://www.gov.mb.ca/waterstewardship/drinking_water/boil_water_advisory_factsheet.html

https://www.gov.mb.ca/waterstewardship/odw/public-info/fact_sheets/

http://www.gov.mb.ca/waterstewardship/drinking_water/index.html