

FLUSHING PROCEDURE – Section 1
(per Flushing Map 2 of 2, Weston & Sampson August 2015)

- 1. Flush of southern leg of 10” ductile iron (DI) water main on Lally Farms Drive, length approx. 800’.**
 - A. Close Valve V4 (note # turns to confirm main size)
 - B. Confirm V2 is closed
 - C. Flush hydrant (H-1) for 8 minutes at flow rate of approximately 1,224 gpm.
 - D. If after 8 minutes water is clear, shut off H-1. If water is not clear, flush until clear then shut down H-1. Enter flow duration in attached log sheet.
 - E. Open V4

- 2. Flush of northern leg of 10” ductile iron (DI) water main on Lally Farms Drive and approx. 400’ of 8” cast iron (CI) water main on Main Street, total length approx. 1,200 feet.**
 - A. Close V27
 - B. Flush (H-2) for 12 minutes at flow rate of approximately 783 gpm.
 - C. If after 12 minutes water is clear, shut off H-2. If water is not clear, flush until clear then shut down H-2. Enter flow duration in attached log sheet.

- 3. Flush of 8” CI water main on Main Street from H-2 to H-3 located at the Norwell Line, length approx. 1,400 feet.**
 - A. Flush (H-3) for 14 minutes at flow rate of approximately 783 gpm.
 - B. If after 14 minutes water is clear, shut off H-3. If water is not clear, flush until clear then shut down H-3. Enter flow duration in attached log sheet.
 - C. Keep V27 Closed

- 4. Flush of 8” PVC water main on Main Street and 8” DI on Beckford Farm Drive, length approx. 1,600 feet.**
 - A. Confirm V58 is Open
 - B. Confirm V7 is Closed
 - C. Close V13
 - D. Flush (H-4) for 16 minutes at flow rate of approximately 783 gpm.
 - E. If after 16 minutes water is clear, shut off H-4. If water is not clear, flush until clear then shut down H-4. Enter flow duration in attached log sheet.
 - F. Open V13

5. Flush of 8" DI water main on Beckford Farm Drive and Autumn Lane, length approx. 1,200 feet.

- A. Confirm V12 is Closed (note # turns to confirm main size)
- B. Close V16
- C. Flush (H-5) for 12 minutes at flow rate of approximately 783 gpm.
- D. If after 12 minutes water is clear, shut off H-5. If water is not clear, flush until clear then shut down H-5. Enter flow duration in attached log sheet.
- E. Open V16

6. Flush of eastern leg of 8" DI water main on Push Cart Lane, length approx. 1,000 feet.

- A. Close V19
- B. Flush (H-6) for 10 minutes at flow rate of approximately 783 gpm.
- C. If after 10 minutes water is clear, shut off H-6. If water is not clear, flush until clear then shut down H-6. Enter flow duration in attached log sheet.
- D. Open V19

7. Flush of northern leg of 8" DI water main on Beckford Farm Drive, length approx. 1,000 feet.

- A. Close V17
- B. Open V7
- C. Close V6
- D. Flush (H-7) for 10 minutes at flow rate of approximately 783 gpm.
- E. If after 10 minutes water is clear, shut off H-7. If water is not clear, flush until clear then shut down H-7. Enter flow duration in attached log sheet.
- F. Open V17

8. Flush of western leg of 8" DI water main on Push Cart Lane and Pumpkin Patch Way, length approx. 1,500 feet.

- A. Close V16
- B. Flush (H-6) for 15 minutes at flow rate of approximately 783 gpm.
- C. If after 15 minutes water is clear, shut off H-6. If water is not clear, flush until clear then shut down H-6. Enter flow duration in attached log sheet.
- D. Open V16

9. Flush of 8" PVC main on Main Street at Beckford Farm through Wade Way an on to the first hydrant (H-8) on American Elm Ave, length approx. 1,600 feet.

- A. Open V7
- B. Confirm V22 is Closed
- C. Close V30
- D. Flush (H-8) for 16 minutes at flow rate of approximately 783 gpm.
- E. If after 16 minutes water is clear, shut off H-8. If water is not clear, flush until clear then shut down H-8. Enter flow duration in attached log sheet.
- F. Open V30

10. Flush of 8" DI main on American Elm Ave, through Winterberry to Summer Sweet Circle, length approx. 1,800 feet.

- A. Confirm V31 is Closed
- B. Confirm V36 is Closed
- C. Close V38
- D. Flush (H-9) for 18 minutes at flow rate of approximately 783 gpm.
- E. If after 18 minutes water is clear, shut off H-9. If water is not clear, flush until clear then shut down H-9. Enter flow duration in attached log sheet.
- F. Open V38

11. Flush of 8" DI main on American Elm Ave, from Summer Sweet Circle to Sugar Maple Circle, length approx. 1,200 feet.

- A. Close V42
- B. Flush (H-10) for 12 minutes at flow rate of approximately 783 gpm.
- C. If after 12 minutes water is clear, shut off H-10. If water is not clear, flush until clear then shut down H-10. Enter flow duration in attached log sheet.
- D. Open V42
- E. Open V27

12. Flush of 8" AC main on Damon Road, length approx. 1,500 feet.

- A. Close V55
- B. Close V56
- C. Close V51
- D. Flush (H-11) for 15 minutes at flow rate of approximately 783 gpm.
- E. If after 15 minutes water is clear, shut off H-11. If water is not clear, flush until clear then shut down H-11. Enter flow duration in attached log sheet.

- F. Keep V56 Closed
- G. Open V55
- H. Open V51

13. Flush of 8" AC main on Cushing Hill Road to the northerly intersection with Damon Road, length approx. 1,400 feet.

- A. Close V54
- B. Close V50
- C. Flush (H-11) for 14 minutes at flow rate of approximately 783 gpm.
- D. If after 14 minutes water is clear, shut off H-11. If water is not clear, flush until clear then shut down H-11. Enter flow duration in attached log sheet.
- E. Open V51

14. Flush of 8" DI main that runs from Cushing Hill Road to Cherry Hill Lane, length approx. 800 feet.

- A. Close V48
- B. Close V45
- C. Confirm V49 is Open
- D. Flush (H-12) for 8 minutes at flow rate of approximately 783 gpm.
- E. If after 8 minutes water is clear, shut off H-12. If water is not clear, flush until clear then shut down H-12. Enter flow duration in attached log sheet.
- F. Open V45
- G. Open V48

15. Flush of 8" DI main that runs from Cushing Hill Road to Cherry Hill Lane, length approx. 1,000 feet.

- A. Close V49
- B. Close V40
- C. Close V47
- D. Flush (H-12) for 10 minutes at flow rate of approximately 783 gpm.
- E. If after 10 minutes water is clear, shut off H-12. If water is not clear, flush until clear then shut down H-12. Enter flow duration in attached log sheet.
- F. Open V40
- G. Open V47

16. Flush of 8" DI main at end of Cushing Hill Road and into Sugar Maple Circle, length approx. 1,300 feet.

- A. Close V48
- B. Close V49
- C. Close V44
- D. Flush (H-13) for 13 minutes at flow rate of approximately 783 gpm.
- E. If after 13 minutes water is clear, shut off H-13. If water is not clear, flush until clear then shut down H-13. Enter flow duration in attached log sheet.
- F. Open V48
- G. Open V49
- H. Open V44