

Section 7. Water Use Restrictions

The Raymond Water Division will implement the following water conservation measures as necessary based on the 2013 Lamprey River Management Plan, in the event of a water system emergency or drought conditions. These measures are based on water use requirements that progress from restrictions; to bans; to rationing; depending upon the severity of the emergency.

This same policy will be implemented if source capacity were impacted due to sustained drought.

The water conservation measures are outlined as follows:

Raymond Water Department has limited potential to manage its water use to support the Protected Instream Flows on the Lamprey Designated River. Raymond's existing water supply consists of three stratified drift groundwater wells located within 500 feet of the Lamprey River. The effects of the well withdrawal impacts on Lamprey River stream flow were evaluated (DES, 2009) and none of the wells were found to induce recharge from the Lamprey River. Pumping all wells simultaneously was not evaluated and there is a chance that all three wells pumping simultaneously could induce recharge.

Although the Raymond Water Department's supply wells may not have an immediate effect on the Lamprey River, the extraction of groundwater that would otherwise recharge the river does require management, particularly when flow in the river is mostly dependent on groundwater recharge. This condition typically occurs during the summer and early fall when flows in the river are at a minimum.

Under this Water Use Plan, outdoor water use from June 20 to October 6 will be reduced in three stages: (1) an alert with voluntary water conservation; (2) voluntary water use restrictions; and (3) an enforced water use ban. The Town of Raymond will notify residents of the water use restrictions.

Whenever operational considerations of the water system allow, during periods when voluntary outdoor water use restrictions are recommended or during a ban on outdoor water use, the Town will manage pumping from the three water supply wells to further minimize potential impacts to the Lamprey Designated River.

Level 1 – Restrictions

1. Watering gardens, lawns and other landscaped areas shall be restricted. Even numbered residences may water on even numbered calendar days and odd numbered residences on odd numbered calendar days.
2. Washing cars, trucks, boats, RV's etc. will be restricted to no more than once per month. Even numbered residences may wash on even weeks, (i.e. Second and fourth week of each month. Odd numbered residences may wash on odd weeks of the month, i.e. First and third week). No one will be allowed to wash on any fifth weeks of the month.
3. Using water from a hose to rinse or clean sidewalks, driveways, decks, etc, will be restricted to no more than once a week.
4. Filling swimming pools will be banned entirely in the months of July and August.
5. Residents will be required to follow indoor water restrictions adopted from DES Fact Sheet #WD-DWGB – 26 – 23 , a copy of which can be found in the appendix.

Level 2 – BAN

1. Watering gardens, lawns and other landscaped areas shall not be allowed.
2. Washing cars, trucks, boats, RV's etc. shall not be allowed.
3. Using water from a hose to rinse or clean sidewalks, driveways, decks, etc. shall not be allowed.
4. Filling swimming pools shall not be allowed.
5. Residents will be required to follow indoor water restrictions adopted from DES Fact Sheet #WD-DWGB - 26 – 23 , a copy of which can be found in the appendix.

Level 3 – Rationing

Should rationing be necessary the system will maintain operations 24/7 between the source supply and the three storage towers only, all outlying mains will be shut down, This will allow for the center of town, Safety Complex, Town Office, Middle School, Elementary School, High School and Public Works yard to remain operational.

Town buildings will be designated as water distribution locations for residents.

Water will be shut off to all other locations. Service will be turned on to designated portions of the system every other day for a four-hour period, 6:00 a.m. to 10:00 a.m.

If an emergency necessitates shutting down one of the gravel-packed wells, the excess capacity in the remaining two wells will be used to supply the system. Similarly, with all three wells and well 4 operational the excess capacity allows the town to meet the average daily demand while absorbing significant reduction in pumping volumes.

The Water Foreman under instruction by the Public Works Director will implement water conservation notification. The Water Division Foreman will be assisted by the Public Works Assistant to implement user and public notification. Notification will be made in accordance with Section 3 of this plan to implement and cancel the water conservation measures.

Section 8. Return to Normal Operation

The decision of when to return to normal system operations will be made by the Public Works Director. The Director will make the decision with input from NHDES if contamination is the cause of the emergency event.

The Water Division Foreman will have the responsibility of overseeing the return to normal operation of the system components. The Water Service Technician's will assist the Water Division Foreman if necessary.

The Sampling Agent will do any additional water sampling that may be necessary to assess system conditions before returning to normal operation. All water system users will be notified using the same notification system described in Section 3, when the system has been returned to normal operation.

Section 9. Vulnerability Assessment

Env-Ws 360.15 does not require you to submit a vulnerability assessment as discussed in this section. Vulnerability assessments were required for community systems that serve 3,300 people or more back in 2003/2004 per the Bioterrorism and Response Act (H.R. 3448).

Section 10. Plan Readiness and Training

The Raymond Water Division has taken the following steps to ensure plan readiness.

1. Each person listed on our **Section 2. Chain of Command** will keep a copy of this and each updated plan in their office.
2. The Water Division Foreman will update the plan as necessary.
3. A copy of the most recent plan will be kept in the Public Works Office.
4. A copy of the most recent plan will be kept at the Water Division Foreman's residence.
5. A copy of the most recent plan will be kept in the Town Office Building.
6. A copy of the most recent plan will be kept at the Water Treatment Facility.