

HALEY POND DAM ACTION PLAN TOWN OF RANGELEY

HALEY POND FLOWAGE:

DRAINAGE AREA:

The drainage area of Haley Pond covers 10 square miles, and includes Gull and Greeley Ponds. The major land use of this area is tree harvesting, and currently the area has been heavily harvested. The drainage area is in the Town of Rangeley, and Dallas Plantation.

Direction:

Day to day control of the dam is through the Superintendent, Chick Hill pollution Control Facility (Sewer Plant), and Mr. Roger Page, owner of Roger Page, Inc. having a shop on Haley Pond. During flood events the Town of Rangeley, E.M.A. Director directs flood events.

CONTACT:

Twenty-four (24) hour telephone is available through Rangeley Region Dispatch Center (207) 864-2162. Monday-Friday, 0600-1500 telephone is 864-3542, with answer machine. FAX is 864-3578, and e-mail is wwtphill@megalink.net

INTENTION:

The intention of the Town of Rangeley for the control of Haley Pond through Haley Pond Dam is to control the pond level to assure residents on the pond adequate water for their uses while protecting them as much as possible from flood events. There is intent to have a continual flowage out of the dam for the control of odors in Haley pond Stream. The correct level then will usually assure that flooding will not occur.

TIME PERIODS:

January 1, to the end of the spring run off: (Usually May 1 to May 15)

During this period the dam is left open, and adjusted to keep the stream within its banks. There is a paint mark on the dam concrete to show this point. The dam mechanism is chained and locked to prevent accidental closing.

End of the spring run-off until the end of September:

During this period of time the normal level should be at 2.0' on the marker stake. Fluctuations of 0.5' (six-inches) normally will not be a problem or require adjustments. Adjustments are made as required depending on the amount of rain, and the dryness of the summer season. During heavy rains the dam should be checked twice a day and levels recorded. During severe dry periods the dam should be checked every day for odors, and water release as required. Summer evaporation is a factor to consider. Evaporation is taken every day at Chick Hill.

September 30 to December 31;

Starting at the first week of October or when requested by the State of Maine Department of Inland fisheries, the pond should be drawn down slowly so that at the end of the normal fishing season the pond is at its winter level. The dam then will be in the normal wide open and locked position. This is adjusted as fall rain determine. Any hold back is temporary only. The draw-down is done during this period so that fish spawning on the sand bars will not have their eggs exposed and destroyed.

GENERAL CONDITIONS:

Summer use calls for the dam wheel to be locked.

Winter use calls for the dam wheel to be locked wide open.

Normal repair or removal should be undertaken when the dam is in the raised position and the pond at its lowest level.

HALEY POND DAM FLOWAGE

Pg-2

GENERAL CONDITIONS CONTINUED:

The locks should get graphite lubrication twice a year. Gears should be greased as required, but checked twice a year. The dam should be checked at a minimum weekly. This allows for the orderly removal of debris, and floating stumps and marsh grass islands that on occasion float down to the dam.

The dam should receive an engineering assessment every 5 years.

The spillway should be checked each summer for damage, and rocks and debris should be removed.

FLOOD CONTROL:

This is normally done by sand bagging from the dam 290' (+/-) to the North, and 150' to the South. Along the North side of the brook also may need bagging for about 200'. During higher events both sides of the stream are bagged.

The work is done under the direction of the Town's EMA director with personnel from the Sewer and Highway departments as available. This is supplemented with volunteer firefighters and other town residents, and students from the high school.

Normal elevation of Haley pond dam is 1524' and Rangeley Lake is 1518'.

During flood events contact is made with Franklin County EMA.
(05/12/00)