**Summary of Scituate Reservoir Dam Water Storage**

**and Fish Passage Improvements Project
Public Meeting 1/15/19**

* 90% design plans being worked on, permitting continuing
* Town must make spillway improvements at reservoir dam to comply with state standards for flood control regardless of whether the reservoir is raised or not
* Storage increased by ~35 million gallons or 28 days increasing the town’s ability to weather a drought
* Estimated project cost is $1.8 million dollars,~ $350,000 expended, ~$1.4 million to complete. To date 75-80% has been state grant funded.
* Restoring 70 acres of herring habitat by having enough water to run fish ladder effectively 97% of spring days and 79% of fall days (based on 2017 model)
* No new area surrounding the reservoir will be flooded
* We assumed similar water demand reductions as were obtained in 2016 drought (aka outdoor water ban 6% initial reduction and 25% reduction after enforcement and publicity in summertime demands).
* Need to implement town’s water conservation plan to maintain current demand for this project to have all benefits

