

## **Warning Period**

Central Hudson has initiated dredging at the MGP 3,000 feet from our intake.

Enhance Risk: Central Hudson is moving the "Moon Pool", which is the dredging containment area.

## **Actions**

- 1) City has three Reservoirs that contain 442,000 gallons per foot and when full at 20 feet there will be 10 million gallons (MG). During dredging operating level shall be 20 feet (10 MG) to 15 feet (6.63 MG). At 15 feet the storage is roughly two times average City demand.
- 2) Obtain tide schedule to identify when tide is increasing and flow is towards intake and when dropping which will reduce potential of impact.
- 3) Monitor Low Lift well.
  - a. Observe surface through camera system: If sheen is detected shutdown plant and call in maintenance for visual inspection.
  - b. Monitor Fluorometer and Slick Sleuth: If contamination is indicated shutdown plant and call in maintenance for visual inspection.

If sheen is visually observed or contamination is detected contact Central Hudson to stop dredging and identify cause of contamination.

Implement notification plan

Advise City and Town to issue water conservation notice to our customers. Advise Dutchess County Water and Wastewater Authority to issue residential customers to conserve water and industrial customer (GlobalFoundries) to shutdown.

## **Recovery**

- 1) Sample and analyze raw water, solids contactor effluent and plant effluent for contamination.
- 2) Remain off line until storage in City or Town is 3 million gallons (MG) or less.
- 3) At next outgoing tide bring plant back into service at maximum capacity.
- 4) Once tide is reversed and storage is greater than 3 MG in City and Town go off line.
- 5) Repeat above until contamination in raw water is no longer detected.

If contamination is found in plant effluent notify customers to issue public notification. If contamination exceeds MCL a violation notification notice must be issued.