TOWN OF JACKSON GASOLINE PIPELINE SPILL UPDATE

DATE: September 21, 2012

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Area Wide Drinking Water Advisory: Since the flush only advisory was lifted, residents within the area wide drinking water advisory are again cautioned to use their well water for non-consumptive purposes such as bathing, laundry and watering the garden and continue to use bottled water for drinking, cooking, brushing teeth, making ice, etc. The private well sampling plan and schedule within the drinking water advisory area has not changed.

Private water supply wells: A total of 298 discrete water supply wells at 286 residences continue to be sampled at least weekly. Sample results from the last several weeks up through Tuesday, September 18th, show the following:

- Twenty-six private wells have had a detection of petroleum compounds above the laboratory limit of detection.
- Nineteen private wells have been impacted with a petroleum compound above a Health Standard.
- Eleven private wells have had a detection of petroleum compounds above a Health Standard in the last sampling event and two wells had a detection of petroleum compounds below the Health Standard.
- Two private wells adjacent to the spill site still have free phase gasoline product in them.

Bottle water delivery: Bottled water continues to be delivered. A total of 26 bulk tanks have been delivered to residents who requested them. The five gallon drinking water coolers have been placed in 216 homes.

Point -of- Entry (POETs) water treatment systems: The 70 POET filtration systems remain in place and post-POET system water sampling continues. Sampling will continue in the future to ensure that the POETs are providing residents with water that is not contaminated, but residents should continue to consume bottled water only.

Groundwater investigation and product recovery: To date, a total of 83 remediation wells have been installed. Of those, five are six- inch recovery wells drilled to 165 feet, 28 are two- inch monitoring wells, and 50 are vapor extraction wells. Several of the monitoring wells are nested – one shallow with one deep. The shallow monitoring wells extend to 135 feet while the deep ones go to 165 feet. The vapor extraction wells extend approximately 25 feet into the bedrock. All of the six- inch recovery wells and vapor extraction wells are in the immediate vicinity of the pipeline release. Some of the monitoring wells are close to the release site but others (15 wells) were placed 300-500 feet NW, W or SW of the spill site. These distant wells, also called perimeter wells, were placed along anticipated or potential groundwater flow directions away from the spill site. These perimeter wells were recently installed and are currently being developed and sampled.
Product recovery from three of the five extraction wells at the spill site continues. In addition, product is being recovered from two private water supply wells adjacent to the release site. Free product is being removed primarily through pneumatic pumps though vacuum trucks remain on-site to assist where needed. As of September 18, a total of 2,332 gallons of product have been recovered, via the remediation system and the vacuum trucks.

The vapor extraction system is now plumbed and operational. The vapor extraction wells were installed on both sides (east and west) of the pipeline in close proximity to the spill site. Up to eight vapor wells from each side can be used at one time. Vapor concentrations are checked regularly and recovery efforts are concentrated on those with the highest levels.

**Communications:** On Thursday, September 20, DNR held a public informational meeting in the Town of Jackson regarding the gasoline spill. Nearly 300 members of the public were in attendance. DNR staff from drinking and groundwater, spills and water division leadership answered questions from residents about the status of the cleanup and explained the challenges of the site as the town begins discussions about long-term solutions. A majority of the questions focused on who was going to pay for the cleanup, residents’ monthly water bills, and for the long-term water supply solution. There also were several residents who voiced concerns about property values and taxes. Town of Jackson leadership plan to send out a survey to residents and will hold a public listening session in the next couple of weeks to discuss the long-term water supply options on the table.