TOWN OF JACKSON GASOLINE PIPELINE SPILL UPDATE

DATE: September 14, 2012

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Area Wide Drinking Water Advisory: Now that the flush only advisory has been lifted, residents within the area wide drinking water advisory are reminded that they can use water for non-consumptive uses such as bathing, laundry and watering the garden. Residents must continue to use bottled water for drinking, cooking, brushing teeth, making ice, etc. Although the flush only advisory has been lifted, the sampling plan and schedule for the area wide drinking water advisory has not changed.

Private water supply wells: A total of 296 discrete water supply wells at 284 residences continue to be sampled at least weekly. Sampling results from September 7th indicate one new well with a benzene detection above the limit of quantification but below the health standard of 1.1 ug/l. In addition, sampling results from the week of September 10th showed two new wells with benzene detections above the health standard. The new detections are in wells adjacent to previously impacted wells and both of these wells have point of entry treatment systems already installed. This brings the total number of private wells impacted by the pipeline spill to 27 of which 20 have been impacted above the drinking water standard.

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 71 remediation wells have been installed. Of those, five are 6 inch recovery wells drilled to 165 feet, 23 are two inch monitoring wells and 43 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.

West Shore’s contractor is continuing to install additional monitoring wells and vapor extraction wells. Free-product recovery from extraction wells closest to the release site continues. In addition free product is being recovered from two private water supply wells near the release site. Free product is being removed primarily through pneumatic pumps though vacuum trucks remain on-site to assist where needed. Product recovery success varies from day to day. Over the past few days, a slow recovery day would be 10 gallons while a good recovery day would be over 50 gallons (for example – on September 11th, 65 gallons were recovered). As of September 11, a total of 2,314 gallons of product have been recovered via the remediation system and the vacuum trucks.

The vapor extraction system is now plumbed and operational. At any one time 3-5 vapor extraction wells are in use. As concentrated petroleum vapors are detected, additional wells will be connected.
Air monitoring: After weeks of continuous air monitoring around the perimeter of the work zone and no detects, air monitoring has been discontinued. The work zone area is now fenced in.

Ongoing Communication Plan: WisDNR staff continue to assist in facilitating ongoing meetings to discuss the technical details of various long-term potable water alternatives for the affected residents in the Town of Jackson. The meetings have included representatives from the Town of Jackson, Village of Jackson, West Shore Pipeline, and WisDNR.

In an effort to expand the lines of communication, WisDNR will host a public information meeting at the Kettle Moraine Lutheran High School, 3399 Division Road at 7:30 p.m. on Thursday, September 20. Regional Director Eric Nitschke and DNR staff will discuss progress on spill cleanup, site monitoring, and steps taken to select and implement a long term water supply solution.