



SCHEDULING UPDATE

City of New Bedford's Environmental Investigation of the Former Payne Cutlery Property, located at 295 Phillips Avenue

City of New Bedford, March 2013

This update has been prepared by New Bedford's Department of Environmental Stewardship to provide additional information about the remedial activities that have been proposed for the Former Payne Cutlery Property (the "site"), which were described in a fact sheet issued in November 2012.

Permanganate Injection at former Payne Cutlery property: The City and its consultant have selected the addition of permanganate to groundwater to reduce volatile organic compound (VOC) concentrations. Permanganate provides oxygen to the groundwater, speeding up natural chemical degradation processes. This treatment does not result in any harmful chemical additives being left behind. Within the roughly 3,500 square foot treatment area near the intersection of Coffin Avenue and Brook Street, permanganate will be injected to depths of 2-15 feet below ground surface at up to 50 locations. **The injection process is expected to take three to five days to complete, and is currently scheduled for the week of March 11, 2013 (Wed. – Sat.).** Inclement weather or other delays may cause the injection to extend into the week of March 18, 2013. A police officer will be on site to assist with traffic flow; Brook Street will be closed between Deane Street and Coffin Avenue while work is occurring. A storage box and dumpster for the contractor's materials will be kept in the parking lot at the corner of Coffin Avenue and Oneko Lane for the duration of the contractor's work. **Parking will not be permitted in the western portion of the parking lot (including handicapped spaces) starting Tuesday, March 12th; this restriction will continue until the work has been completed.**

Groundwater samples will be collected from monitoring wells located upgradient, within, and downgradient from the injection area at least four weeks after the permanganate injection has been completed. If permanganate is detected in any of the samples collected during the first post-injection monitoring event, a second groundwater sampling event will be performed after another 4-6 weeks, and will continue until permanganate is no longer detected.

Is it safe to stay in my house/apartment while permanganate is being injected into the ground?

Yes. Since no buildings in this area have a private well, there is no opportunity for permanganate to impact nearby residents. Operations are not expected to extend beyond normal business hours.

Crawlspace Ventilation Modifications at Taber Mill Apartments: The majority of Taber Mill's approximately 41,000 square foot building is underlain by a crawlspace with a dirt floor; a small portion of the building has a basement storage area with a concrete floor. Both the crawl space and basement are vented by a system of two fans leading to 13 vents. The City's consultant has proposed replacing the two fans with a single fan to create a constant negative pressure (air would be drawn into the basement and crawlspace and discharged outside the building). A wall of plastic sheeting will be constructed in the crawl space to section off the area requiring additional ventilation at the eastern end of the building, and additional ductwork will be added to the exterior of the building. These modifications to the ventilation system are expected to occur during March-April 2013 (3-4 weeks of work are expected).

For More Information: Please contact Cheryl Henlin, City of New Bedford Environmental Stewardship Department, at (508) 991-6188 or email cheryl.henlin@newbedford-ma.gov.