

West Bay CIPP, Lake Down and Debris Sump Installation

Meet the Contractor Meeting

June 23, 2010

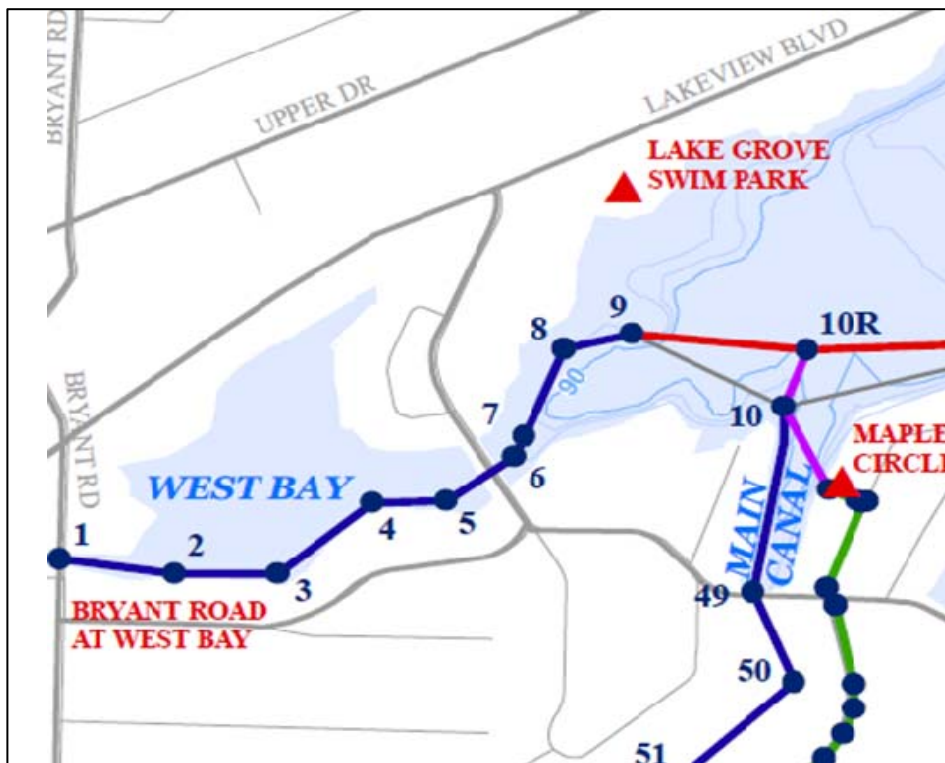


IMPORTANT: These notes contain important information that will affect you during the pipe lining that will occur the last week of July 2010, including **restrictions on household water use** for a 24-hour period. The best way to find out what is happening is to sign up to receive emails. Go to www.loisnews.com and click on the link on the left to join the email list.

Meeting Notes

Jane Heisler, Communications Director, welcomed attendees and introduced Joel Komarek, Project Director, who thanked residents for their patience during Lake Full. Joel introduced Mark Weisensee, from JW Fowler, the Lake Down Contractor. Mark introduced Kevin Orton, who discussed the sequence and timing of work in the area including the drawdown, Cured In Place Pipe (CIPP) that will be occurring in the portion of the interceptor in West Bay starting in late July. Topics covered and

responses to questions are listed below:



Description of Work: CIPP work will begin on July 26, 2010. This work involves relining the existing interceptor in West Bay between manholes 1-8 (see map). Hydraulic modeling has shown that the existing pipeline in this area is large enough to carry anticipated flows into the future. Relining the wastewater line will provide it with 40-50 years of additional life and will strengthen it. This

work follows the 'lake full' work that rebuilt manholes 1 - 8 to address corrosion issues.

The work involves placing a custom made resin 'sleeve' into manhole 1 that will stretch all the way to manhole 4. Then placing another sleeve into manhole (MH) 8 to manhole 4 to complete the run. At MH 1, residents will see a large, refrigerated truck arriving with the sleeve. After the sleeve is inserted, it must be cured with steam or hot water. Steam created in a truck-mounted boiler is forced into the sleeve, then it is allowed to cool for a 12 hour period. The work must be conducted over a 24 hour period to ensure that the lining cures properly.



Truck mounted boiler for installing CIPP

How will my water use be affected?

In order for the plastic liner to cure properly, there can be no water flowing to the interceptor during the CIPP installation. As described above, the major flows will be bypassed to other downstream manholes. However, most, if not all, lake front properties' wastewater lines drain into the interceptor. For this reason, **residents will not be able to flush their toilets, do laundry or run their dishwashers for the first 12 hours of the process. During the second 12 hours, up to three flushes during this time could be allowed, but no dishwashing or laundry is allowed.** By following these requirements, residents are helping to assure a quality repair, reduce the risk of backups until the repair is complete, and achieve long term, reliable service. Portable toilets will be available for use near your home and health club passes for showering will be available by contacting 503-699-7466.



Resin liner delivery

Bypass Pumping:

In order to complete this work, the wastewater flows from the upstream manhole will need to be "bypassed" to a downstream manhole so that the lining can take place without flows. For MH 1-4, a bypass pump will be placed at the upstream manhole (near Lamont Springs Park off of Bryant) to pump wastewater through a pipe that will be submerged in West Bay to MH 5. The diesel pump(s) will have 'silencers' to minimize noise. For MH 4-8, a bypass pump will be placed at MH 3

and flows will be pumped to MH 9. CIPP work in this section will be conducted from a barge rather than from the street.

Starting the first week of July, bypass pipe will be fused at the trestle/dock on McVey Road near the Lake Corp office. Five hundred foot sections of pipe will be towed from the trestle to West Bay and sunk to the lakebed until the CIPP operation is ready to begin in late July.

What about noise and odors from this work?

There will be some 'plastic' odor when the liner is being installed as well as when the resin is being cured, which is perfectly normal for this kind of activity and studies have shown that it is not harmful to workers or nearby residents. During the 'curing' time for the liner, a generator will be operating for about 10 hours. The generator will have a 'silencer' to minimize noise.

Installation of Debris Sump in Bryant Road near the Bay

The new LOIS system will have several debris sumps on land to capture gravel and other debris before it enters the in-lake pipeline. One of these sumps will be installed at the far west end of West Bay in the Bryant Road right of way. This work will begin after the lake is drawn down, most likely in November, 2010.

Will Bryant Road be Closed?

During the CIPP work, **one lane of Bryant will be closed** for a few days and flaggers will guide traffic through the area. Signage will alert drivers to the traffic control change.

During the debris sump installation, **Bryant Road will be closed** between Lakeview Blvd. and West Bay Road for about two weeks. Signage will alert drivers to alternate routes.

Lake Corporation Dredging of West Bay

During the time the lake will be drawn down (September 2010 through May 15 2011) the Lake Corporation will be dredging in West Bay for about three weeks. They plan to stage the dredging operation from Bryant Road at the far west end of West Bay.

If you have any questions contact the LOIS team at 503-699-7466 or email us at lois@ci.oswego.or.us. To join the mailing list, go to loisnews.com and click on the link on the left side of the home page.