Fish Protection During LOIS Construction

The City’s plans for LOIS construction were reviewed and approved by a wide range of agencies, including the Oregon Department of Fish and Wildlife (ODFW), the State Historic Preservation Office (SHPO), the Oregon Department of Environmental Quality (ODEQ) and the National Marine Fisheries Service (NMFS). These groups are all stewards of important federal and state legislation like the Clean Water Act and the Removal-Fill Act. By successfully meeting the requirements of these agencies, the project has demonstrated a commitment to the effective protection of water quality and fish habitat in Oswego Lake, and at staging areas. Through an “Essential Fish Habitat Analysis,” ODFW recognized that the project as a whole, from start to finish, will not cause undue harm to fish habitat.

• There are no endangered or threatened species in Oswego Lake.
• A Fish Salvage Plan is in place to move stranded fish to deep water areas.

Stay Informed!

To receive accurate and timely construction information check out these resources:
1. Hello LO: Get monthly LOIS Construction Updates throughout the life of the project.
2. Website (loisnews.com): Read construction updates, get up-to-the-minute details about road closures or other impacts and watch construction videos. Want to see what the lake will look like drawn down 22’? Go to loisnews.com and click on the homepage video.
3. Project Office: (currently at the West End Building) (503) 699-7466. Staff is available to discuss the project, answer questions and address concerns.
4. Join the LOIS email list: Updates and “breaking news” will be sent to anyone on the project email list. To join, send an email request to lois@ci.oswego.or.us.

Site Specific Information

At certain times throughout the project, site specific impacts will affect smaller groups of property owners more than the general public. In these instances, your LOIS project team will be contacting you directly in advance to explain these impacts and address concerns. The team may also hold meetings in your area to discuss construction plans in detail.

Watch upcoming issues of Hello L. O. for project updates and open house dates.

A Letter from Mayor Jack Hoffman

CLEAN WATER AND RELIABLE WASTEWATER service are things we have come to count on. As Mayor it has been my privilege and responsibility to deliver one of our City’s largest public infrastructure projects in fifty years. During the “Lake Full” phase of the LOIS project, most of the new wastewater pipe was assembled in the lake, the anchors for the buoyant system have been set and attached to pipe, and the piles to support other pipe have been put in place. I am happy to report that the project has so far cost our community far less than anticipated. Thank you for your patience as this important work has occurred.

We will soon be moving into the “Lake Down” phase of the project. Starting in September, the lake will be drawn down 22 feet—lower than previous drawdowns since 1980. It will be a change for the entire community, whether you’re viewing it every day from your home, from one of the City’s bridges as you are driving, or from Millennium Plaza Park as you’re enjoying the Farmers’ Market.

It has been remarkable to me how much work we have accomplished in a relatively short time. Soon this project and all of its activity will be a distant memory. We look forward to completing the project and enjoying the reliable service and clean water for years to come. We appreciate your ongoing support as we finish this work for Lake Oswego’s future.

Sincerely,
Jan Hoffman
Mayor, City of Lake Oswego

Project Schedule

<table>
<thead>
<tr>
<th>Phase</th>
<th>Start Date</th>
<th>End Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lake Down Preparation</td>
<td>Jan. 2010</td>
<td>Sep. 2010</td>
</tr>
<tr>
<td>Project Completion</td>
<td>Mar. 2011</td>
<td>May 2011</td>
</tr>
</tbody>
</table>
**LOIS Comes Together: Pipe Installation**

Much of the lake drawdown work (September 2010 to May 2011) involves the connection of the new LOIS pipeline to manholes and lines that carry wastewater to the interceptor. Temporary construction roads on the lakebed will be used by vehicles traveling in and out of the work areas. Trucks will carry sediment from the lake to landfill areas outside the City. Crews will install pipe supports on the pile-supported sections of sewer pipe. The main access points for the removal of sediment and return of crushed rock material are from Allen Road, the Alder Point Easement, and North Shore Road at the North Shore Bridge.

Lake refill will begin mid-January 2010 and continue through May 2011.

**Your Sewer Service Will Continue Thanks to Bypass Pumping!**

You rely on your wastewater service every day. Rest assured that the system will stay in operation during installation of the new system. Construction teams have created an extensive bypass pumping plan. The bypass system will be put in place in September and will be moved to different areas of the lake as manholes are demolished or reconstructed. The new LOIS system will be fully operational in May of 2011.

**Pipe Relining**

The new LOIS pipeline won’t be all new pipe. Three original sections in the lake will remain because they are large enough to handle future flows, but they need to be strengthened. These are located in West Bay and Lakewood Bay/Half Moon Bay, and in the Foothills area. During the Lake Down phase, contractors will install a new lining called Cured in Place Pipe (CIPP). CIPP strengthens the pipes so they will last 50-60 more years.

**Pipe Relining Schedule**

<table>
<thead>
<tr>
<th>Location</th>
<th>Period</th>
</tr>
</thead>
<tbody>
<tr>
<td>West Bay</td>
<td>Late summer – before drawdown</td>
</tr>
<tr>
<td>Foothills (Oswego Pointe)</td>
<td>Late summer – before drawdown</td>
</tr>
<tr>
<td>Lakewood Bay/ Half Moon Bay</td>
<td>Late fall – during drawdown</td>
</tr>
</tbody>
</table>

*In West Bay, CIPP installation will result in a one-day scheduled service disruption.

**Other Construction You’ll See: Manholes, Sumps and Rectifiers**

Lake Down construction will include the replacement of several existing manholes. Manholes provide access to the pipe for cleaning and maintenance. Several manholes will be replaced. A few large manholes on the old sewer interceptor along the lake shore will be permanently demolished.

New debris sumps will be constructed. Sumps catch unwanted sand material before it can get into the pipeline and clog the system. Five sumps (see map) will be installed during this phase of the project.

Rectifiers are part of a corrosion prevention system that will extend LOIS’s life. Thanks to this system and the careful selection of project materials, LOIS is designed to operate for 75-100 years. Five rectifiers, like the one in the photo, will be installed around the lake during Lake Down.

**Be Safe During Lake Down**

When traveling through or stopping in construction areas, slow down and be cautious. Obey the “No Parking” signs and flags and allow room for large trucks.

- **Bryant Road** between SW Deerbrush Ave. and Kelok Road; Summer and Fall 2010.
- **Bryant Road** between Lakeview Blvd. and West Bay Road; Summer and Fall 2010.
- **Foothills Road** during pipeline and manhole work; late Summer and Fall 2010.
- **Allen Road, Maple Circle** and **Alder Circle**; September 2010 – May 2011.
- **North Shore Road** from the North Shore Bridge to State Street; Fall and Winter 2010.

**REMINDER TO BOATERS!**

Boats not stored on lifts during the drawdown need to be removed from the lake by **Sunday, September 5th**. Please make ramp appointments with the Lake Corporation now.

**STAY OUT OF THE LAKE BED DURING DRAWDOWN!**

The mud is thick and people or pets will easily become stuck.

**DURING DRAWDOWN!**

- **STAY OUT OF THE LAKE BED**
- **REMINDER TO BOATERS!**
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