

# Central Sector LWMP Glossary of Terms

## CENTRAL SECTOR

A defined liquid waste management plan area that includes the City of Duncan, Municipality of North Cowichan, the Cowichan Valley Regional District (CVRD)'s electoral areas E (Sahtlam/Glenora/Cowichan Station) and D (Cowichan Bay) and reserve and traditional lands of Cowichan Tribes.

## DECHLORINATION

Chlorine, which is used to disinfect the effluent prior to discharge can be toxic to fish if the concentration in the effluent is too high. The JUB sewage treatment plant is required to remove chlorine from the effluent. This process is called dechlorination. Sulphur dioxide is used to remove the chlorine from the effluent.

## DISINFECTION

The deactivation of viruses and bacteria. Currently, chlorine is used to deactivate these pathogens as part of the JUB sewage treatment plant.

## EFFLUENT

The treated liquid remaining at the end of the wastewater treatment process, which meets a standard outlined by the Ministry of Environment for the protection of human health and the environment.

## ENVIRONMENTAL IMPACT STUDY (EIS)

A study required under the Municipal Wastewater Regulation and conducted by a qualified professional that determines whether a discharge will adversely affect human health or ecological health.

## INTEGRATED RESOURCE RECOVERY (IRR)

The act of recovering useful materials or by-products from the process of wastewater treatment. This can include reuse of water or capture of heat from the treatment process for reuse in other products or services.

## JOINT UTILITIES BOARD (JUB)

A decision-making body comprised of representatives from the City of Duncan, the Municipality of North Cowichan, the CVRD, and Cowichan Tribes. The Board oversees the management of the JUB sewage treatment plant that services residents of the City of Duncan, parts of the Municipality of North Cowichan, parts of the CVRD's electoral areas E (Sahtlam/Glenora/Cowichan Station) and D (Cowichan Bay) and parts of reserve lands of Cowichan Tribes.

## LIQUID WASTE MANAGEMENT PLAN (LWMP)

A local government-led process to develop solutions for wastewater management and other liquid waste issues (eg. non-point source pollution) that meet or exceed existing regulations and are tailored specifically to meet the needs of the community. Final plans are approved by the provincial Ministry of Environment only after sufficient public and stakeholder consultation has taken place.

The existing Central Sector LWMP was approved in 1999.

## MUNICIPAL WASTEWATER REGULATIONS (MWR)

British Columbia legislation governing the minimum standards for treatment and disposal of all sewage-based wastewaters provincewide, administered by the BC Ministry of Environment. Learn more here: [http://bit.ly/BC\\_MWR](http://bit.ly/BC_MWR)

## OUTFALL

The infrastructure that transports treated effluent for final release to, and integration with a surface water environment.

## PUBLIC AND TECHNICAL ADVISORY COMMITTEE (P&T COMMITTEE)

A group of representatives from senior government agencies, community organizations and the general public who meet regularly to provide comment and feedback on the LWMP amendment to the Steering Committee. The P&T Committee includes roughly 15 people.

### **SANITARY SEWER SYSTEM**

Pipes that carry wastewater from a house or business to the sewer treatment plant. The sanitary sewers carry only wastewater. Stormwater is collected and carried through a different piping system and is not discharged to the sewage treatment plant.

### **SANSUM NARROWS**

Sansum Narrows is a body of ocean water bounded to the east by Saltsping Island and Vancouver Island to the west. The narrows are entered from the south via Satellite Channel and is entered from the north via Stuart Channel.

### **SATELLITE CHANNEL**

Satellite Channel is a body of ocean water bounded to the north and east by Saltspring Island and to the south and west by Vancouver Island, including the northern tip of Saanich Peninsula. This channel is entered from Swanson Channel, Shute Passage, and Colburne Passage and leads to Saanich Inlet, Cowichan Bay, and the south end of Sansum Narrows.

### **STEERING COMMITTEE**

The guiding body for developing the LWMP and any amendment proposal. This group is made up of elected officials from the CVRD, Cowichan Tribes, Municipality of North Cowichan and City of Duncan and provides direction on the LWMP planning process in consideration of input from the P&T Committee and recommendations of staff and consultants. Recommendations from the Steering Committee will go to the CVRD's Board of Directors for consideration.

### **WASTEWATER**

Water that has been used for sanitary purposes (eg. moving human waste) and for other domestic uses (eg. washwater) and contains some commercial and industrial wastes. Wastewater entering the sanitary sewer system must meet each jurisdiction's sewer use bylaws.

### **QUESTIONS/COMMENTS?**

The Cowichan Valley Regional District wants to hear from you about the proposed amendment to the Central Sector liquid waste management plan (CSLWMP). To share questions or comments, or find out how to receive more information, email [cslwmp@cverd.bc.ca](mailto:cslwmp@cverd.bc.ca) or phone 250-746-2530