

# Operations Department



*The Operations Department is responsible for the operations and maintenance of the City's water, sanitary sewer, storm drainage, road and dyke infrastructure, as well as the operation and maintenance of the Wastewater Treatment Plant (WWTP), over 100 parks and sports fields and the City's recreational trail network.*

## Second Quarter Report, 2020



**CITY OF  
CHILLIWACK**

## CSA Playground Replacement Program



MCCUTCHEON PARK



HAZEL PARK

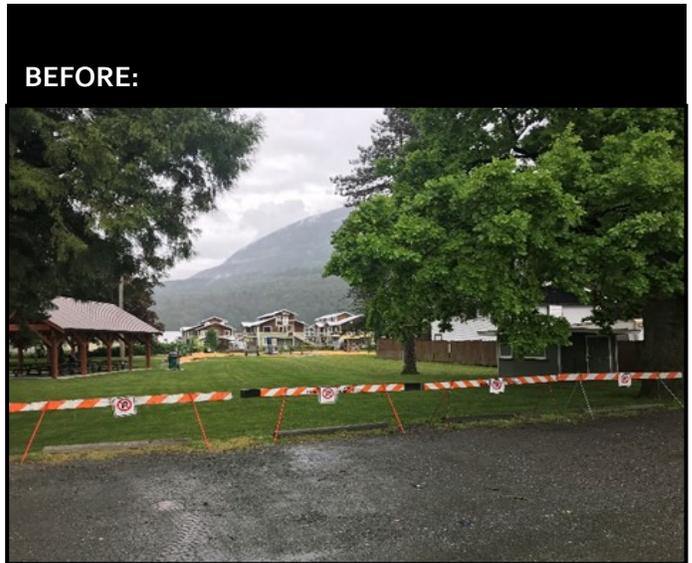
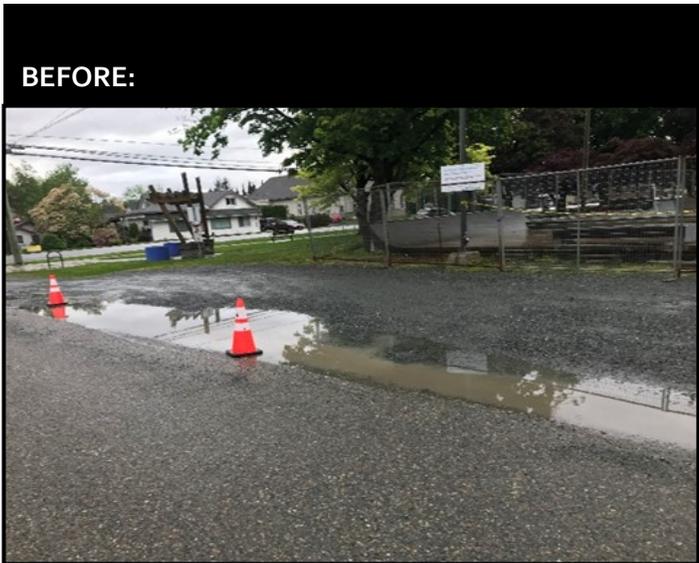


MAPLE PARK

In the spring of 2020, three parks received new play equipment as part of the City's playground upgrade program. Community consultation meetings were held in each of the parks in late 2019. The designs were put together using feedback from the local neighbourhoods to ensure the playgrounds met the neighbourhoods' needs. Construction took place in the late spring and early summer of 2020. The three parks were Hazel Park which is located in the Chilliwack Central/ Broadway area, Maple Park which is located in the Sardis area, and McCutcheon Park which is located in the Midtown area. Both Maple Park and Hazel Park received multi-purpose play structures which were the choice of each of those neighbourhoods. The McCutcheon Park play structure was designed and constructed to be much larger than the equipment it replaced, as the number of park users has grown significantly in the past few years.

## Yarrow Pioneer Park Parking Lot Upgrades

Yarrow Pioneer Park recently received a new asphalt parking area on its Kehler Street frontage, as well as a new lock block wall and handrail system. The new asphalt parking area replaced an old gravel parking area which had problems with poor drainage. Installation of this parking area and wall was also needed to alleviate some of the safety issues that were identified at the park. The lock block wall and railing were installed to protect both cars and pedestrians from loose skate boards, and pickets were installed along the bottom of the handrail to reduced this risk. This protective barrier will reduce the chance of damage to parked or passing vehicles or injury to passing pedestrians. The parking area construction has provided the area with proper drainage which will eliminate standing water and ice formation in winter and has painted designated parking stalls for the park users. The Canada Post mailbox was also moved from the middle of the parking area to the north end to improve traffic flow and provide a safer area for residents to receive their mail.



## Annual Wet Well Cleaning

The City’s Sewer Collection System includes 52 remote sanitary sewer pump stations, also referred to as lift stations. Located throughout the City at valley floor level and on each hillside development area, the stations are operated and maintained by the electrical / mechanical division of the Operations Department. These lift stations typically comprise of a control building, a wet well (below ground sewage holding tank), submersible pumps and, in some cases, they are also equipped with a backup emergency power generator. Sewage discharged from residential and commercial properties flows through underground pipes and eventually enters the wet well at a lift station. Materials and products such as debris, cooking oil and industrial waste create build up within the wet wells and can eventually lead to pump failures and blocked sewers.

All 52 lift stations are cleaned at least once per year. Cleaning procedures involve opening the wet well hatch covers, pressure washing the tank walls, raising and pressure washing the submersible pumps and removing solids and debris with the aid of a vacuum septic truck. The Operations Department has recently completed the cleaning and inspection of all 52 lift stations to ensure proper operation and uninterrupted service for the public.



## New Tandem Axle Dump Trucks Delivered



Recently the City took delivery of two 2020 Peterbilt 567 Tandem Axle Dump Trucks which were required to replace two aging and life expired trucks. Dump trucks are utilized by the Operations Department to carry out various duties throughout the year from the installation of new water and sewer mains to hauling fresh gravel up to the hillside gravel roads. For winter operations a tandem axle dump truck is the most useful piece of snow and ice equipment. Each tandem axle truck in the City fleet is equipped with an underbody snow plow; detachable, articulating front plow; salt/sand spreader; and anti-ice brine tanks. These new tandem trucks will see up to 15 years of service in the City fleet.