

Attachment 5 – Port Moody climate actions previous to the draft 2020 Climate Action Plan

Planning
Implementation of Transit Oriented Development policies and plans for Coronation Park & Moody Centre.
Brought forward Zoning Bylaw updates to encourage energy efficient buildings.
Brought forward Zoning Bylaw updates to require electric vehicle charging infrastructure in new construction.
Brought forward Zoning Bylaw updates to reflect provincially estimated sea level rise estimates.
Integrated climate change adaptation considerations into stormwater management planning and infrastructure.
Engaged in rezoning negotiations for higher levels of energy efficiency and low carbon solutions in new developments.
The 2014 OCP contains Chapter 5 relating to sustainability initiatives that are ongoing for implementation.
Created an interdepartmental climate action staff working group.
Created and continues to revise the Sustainability Report Card to assist in review of new developments.
Continued supporting the “Cool It Challenge” in SD43 schools offered through BCSEA.
Brought forward Zoning Bylaw updates to reduce requirements for vehicle parking and include requirements for bike parking.
Continued to investigate feasibility of district energy systems for the Moody Centre Transit Oriented Development Area and Coronation Park Plan area.
Participated and provided feedback in the Trans Mountain Pipeline project.
Created the Building Energy Efficient Guidelines to promote principles Energy Step Code and other sustainability measures in large developments.
Fire Rescue
Reduced carbon foot print by driving the fire apparatus only when necessary.
Continued the annual Tree Chip fund raiser including educational demonstrations on how quickly a dried Christmas Tree will burn.
Reviewed giveaways to source less environmentally impactful products.
Continued with Fire Smart education at Port Moody events, open houses and neighborhood blitzes.
Engaged in community education by going door-to-door promoting the Fire Smart program.
Utilized and regularly maintained the geothermal energy generation infrastructure at the City’s Police Station Building.
Received a grant for stocking emergency supplies.
Communications
Continued use of 100% sugar cane paper, reducing environmental impact and costs.
Implemented paper reduction strategies to print less materials.
Considering a commitment to go paperless as a department.
Continued to follow the City’s Sustainable Events Policy.
Economic Development
Encouraged the creation and sustainability of local green jobs.

Worked to increase local employment that will reduce travel related emissions.
Assisted City solid waste teams with the single use reduction program.
Continues to promote business energy efficiency incentives.
Environment and Parks
Updated streamside setbacks in the Zoning Bylaw to incorporate Riparian Protection and Enhancement Areas, as well as Riparian Transition Zones (RTZ).
Increased removal and control actions for invasive plants on public lands throughout the City, including for natural green spaces and parks.
Initiated update of Environmental Sensitive Area (ESA) information and policies to ensure natural spaces (including riparian, forest, marine, and special features) are mapped, inventoried and protected during development.
Increased planting of native species (including drought and cold-tolerant species) in areas where knotweed and invasive plants have been removed.
Implemented stream daylighting project to protect at-risk instream and riparian habitat and acquire riparian property to be conveyed to the City, in partnership with developers. Included instream work and habitat creation, culvert replacement to improve fish passability, restoration planting along the new riparian corridor, and re-greening of part of a City road right-of-way.
Updated environmental policies to ensure they reflect the current and most protective best management practices (Naturescape, Nesting, Tree Management policies).
Continued drafting a ditch management strategy for Moody Centre area.
Improved integration of parks planning into the development process for multi-family residential projects.
Increased the planting of cold tolerant plants (rated for colder plant zones) to provide extra resiliency for the City's green landscapes against possible harsh winter conditions.
Continued to increase the planting of drought tolerant plants to provide extra resiliency for the City's green landscapes against possible harsh winter conditions.
Initiated discussions with developers around further downstream daylighting as part of long-range development plans.
Continued implementation of the City's environmental policies, including Environmentally Sensitive Areas (ESA) management policies, Streamside Protection and Enhancement Areas policies, Tree Protection Bylaw and policies, Pesticide Use Control Bylaw, and Stream and Drainage System Protection Bylaw.
Increased engagement actions to enhance public stewardship of natural areas and assets, including invasive plant community volunteer events, Earth Week events, and Nesting Nests, a series of art and environment events and installations celebrating birds and their habitat.
Implemented targeted tree planting efforts to improve health of urban forests and shoreline habitats, as needed. Explore partnerships with other funding agencies (Tree Canada, TD Environment Fund).
Engineering
Continued drafting a drainage plan for 2050.
Continued implementing Integrated Stormwater Management Plan for the chines area.
Working with external agencies to create mapping for sea level rise estimates.
Continued daylighting private properties.
Continued implementation of the Master Transportation Plan initiatives.
Performed several bike trail upgrades.

Updated Intensity Duration Frequency (IDF) curves for rainfall projections in Port Moody.
Continued to improve traffic signal coordination timing to reduce congestion and corresponding GHG emissions. Continue adjustments to traffic signal crossing times to promote walking and transit (Inlet Centre Area).
Continued to promote and adopt reducing parking requirements embedded within the draft Zoning Bylaw.
Continued to promote and adopt provision of bicycle facilities in new developments within the draft Zoning Bylaw.
Continued bus stop accessibility improvements.
Applied 1% tax levy to fund Master Transportation Plan projects.
Continued to Promote Bike to Work Week.
Improved walkability near rapid transit stations.
Continued to organise and promote Car Free Day.
Endorsed Bike Parkade at Moody Centre Rapid Transit Station.
Designed improvement of pedestrian access to Moody Centre Rapid Transit Station.
Completed construction of the missing section of the bicycle network between Inlet Station and Moody Centre Station.
Designed for bike path facility on Murray Street in close proximity to Moody Centre Station.
Improved travel times for transit buses exiting Moody Centre Rapid Transit Station.
Designed Pedestrian and Cyclist Improvements for St. Johns Street.
Installed pedestrian crossing improvements at six locations on the arterial road network.
Designed pedestrian crossing improvements at three crosswalks in Newport Village.
Continued promotion and use of the MODO car share program for corporate travel.
Continued promotion of Bike to Work week.
Continued use and maintenance of City's public electric vehicle charging stations.
Engaged in development permit area negotiations for increased stormwater management, investments in infrastructure and other priorities.
Continued work on the City's Integrated Stormwater Management Plan (focus on the North Shore area).
Constructed a new water main on Gatensbury Road to upgrade an aging main.
Installed new sanitary sewer inspection chambers at properties on Gatensbury Road.
Installed new curb and gutter for the newly constructed Gatenbury Road including a new stormwater main on the southern portion of the road.
Initiated the Moody Centre Stormwater Management Servicing Plan. The works included updating the IDF curves to 2018, preparing new IDF curves to 2050 which includes climate change, preparing on-site stormwater management guidelines, green infrastructure guidelines and a 20 year stomwater servicing plan for Moody Centre area incorporating climate change.
Continued the AMF (Adaptive Management Framework) program which monitors stream/creek health of the north shore watersheds.
Constructed a new stormwater main on Avalon Drive.
Continued the Cross Connection Control Program.
Solid Waste

Sponsored six DreamRider school performances of the Planet Protector Keep Cool program (focused on climate change and reducing carbon footprints) for the annually.
Continued to harvest non-potable water (e.g., rain water, groundwater, etc.) for City irrigation purposes.
Reduced road cross sections.
Hosted a centralized recycling day.
Hosted tree chip day.
Continued to rebuild waste carts after bear damages instead of buying new ones.
Carried out on-going Adopt A-Street Program with 42 participants.
Began Single-Use-Item Reduction Strategy including a survey to local businesses for input and suggested actions, analyzed data and reported back to Council for next steps. Participated with member municipalities to develop a Single Use Item Reduction Strategy and Took-Kit.
Developed an Illegal Dumping strategy, and campaign.
Reviewed and updated Corporate/ Administrative Waste Management Policy including a hazardous waste management.
Completed a corporate waste audit and compiled baseline data for future tracking.
Purchased and installed new public waste receptacles that allow two stream waste diversion and reduction.
Continued diversion of refundable beverage containers through 9 installed Return It stations within public spaces.
Initiated a Public Waste Audit (In partnership with Metro Vancouver) to characterize waste and identify public waste needs.
Created new messaging to be affixed to Solid Waste trucks to promote and educate the community.
Linked reuse and recycling of used goods through the City Wide Garage Sale with local repair cafes.
Printed less work orders.
Fleet
Researched new technologies such as propane injection and electric vehicles.
Used more gas than diesel consciously to reduce emissions.
Adopted a green fleet policy.
Explored GPS and web based fuel consumption tracking technology.
Building and Bylaws
Continued use of the Bylaws electric vehicle.
Continued implementation of the solar ready regulation.
Developed and implemented early adoption of the BC Energy Step Code.
Facilities
Continued significant major capital projects on the retrofits of the City's Civic Centre and Recreation Complex. Both retrofits will significantly increase the energy efficiency at the respective buildings. Improvements include air barriers, sealing previously leaky areas, new windows, new roofing, and new siding.
Installed a new HVAC system at City Hall and the Recreation Complex.
Utilized Perfect Mind software for paper reduction.
Continued adhering to Sustainable Events Policy.

Completed a replacement of an end of life boiler at West Hill outdoor pool with an energy efficient boiler.
Continued regular conversion to LED lights in appropriate City facilities.
Repurposed furniture at City facilities whenever possible.
Completed controls upgrades on lighting in the Recreation Complex and associated parking lot to reduce energy consumed.
Prioritized low emissions and local equipment during procurement.
Installed new public Level 2 EV and DC Fast charging stations.