Welcome to East Fraser Lands Area 2 Parks Open House - Tell us what you think!

Fill out our survey online or ask for a paper version.

Vision for EFL developed through previous public consultations and council-approved documents.

We are here to seek feedback on the preferred concept design.

Preferred concept for input.

Preparation of construction drawings and specifications based on the preferred concept.

Preparation of construction drawings and specifications based on the preferred concept design to the Vancouver Park Board for approval.

Drawings issued for tender and construction.

Vision for EFL developed through previous public consultation and council-approved documents.

Public engagement - Open house #1 and survey.

Development of a preferred concept incorporating flood protection recommendations.

Area 2 Parks Open House - Fall 2017.

Public engagement - Open house #2 and survey. Presentation of the preferred concept design to the Vancouver Park Board for input.

Preparation of construction drawings and specifications based on the preferred concept.

Presentation of the preferred park concept design to the Vancouver Park Board for approval.

Drawings issued for tender and construction.

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The East Fraser Lands site has a dynamic geological, ecological, and cultural history, beginning with its formation by the Fraser River about 5000 years ago.

The timeline below highlights some of the major periods in the site’s history. The Area 2 parks can reveal and celebrate this history through their ecological features, cultural elements, and public art.

The Fraser River takes many different forms between its origin in the Rocky Mountains and where it empties into the Strait of Georgia south of Vancouver. (Some examples are shown on the right.) The park design recognises the significance of the river in shaping the land and shoreline seen today. The design of the Area 2 parks will provide many opportunities for visitors to see and connect with the Fraser River.
The City is planning for an anticipated 1 meter of sea level rise by 2100, in accordance with Provincial guidelines. The park design will play an important role in providing the resiliency for flood protection of the community as water levels change. The diagrams on this page identify the current standards for flood protection set by the City of Vancouver.

Flood Construction Level (pre 2014): 3.6m  
Current Flood Construction Level: 4.6m (plus 0.2 m allowance for subsidence)

**What are neighbouring municipalities doing?**

Municipalities across the Lower Mainland, including Burnaby and Richmond, are preparing for sea level rise by raising dikes and, where needed, building new flood protection measures. The design of dikes is subject to approval by the Province, to ensure general consistency from one municipality to another.

**What is the City of Vancouver doing?**

The City of Vancouver has completed detailed flood modelling to identify the potential impacts of sea level rise. Planning work is being initiated in priority areas, including along the Fraser River, later this fall. For more detailed information about the City’s sea level rise work, check out: www.vancouver.ca/green-vancouver/sea-level-rise

**Definitions:**

- **DESIGN FLOOD** is a flood with a probability of occurring once in 200 years, or a 0.5% chance of occurring on any given year.
- **FLOOD CONSTRUCTION LEVEL (FCL)** is the Design Flood Level plus the allowance for Freeboard used to establish the minimum elevation of the underside of a wooden floor system or top of a concrete slab for habitable buildings.
- **FREEBOARD** is the vertical distance (typically 0.6 m) added to the Design Flood level to accommodate uncertainties such as waves, storm surges and other natural phenomena.
- **DIKE** is an embankment, berm, wall, or raised land area constructed to prevent the flooding of land or to provide protection from a high tide plus a storm surge.

Source: Sea-Level Rise Adaptation Primer  
BC Ministry of Environment 2013
The Biodiversity Strategy aims to restore or enhance 25 ha of natural areas in Vancouver parks by 2020. The East Fraser Lands provide a good opportunity to help achieve this goal. This strategy also indicates that the restoration of shoreline and shallow sub-tidal habitats along the Fraser River is a priority as is the restoration of salmon in urban areas.

**Songbirds**

Songbirds make use of a wide variety of habitat types: deciduous forest, mixed forest, riparian, old field, meadow and park. Islands of mixed forest will be incorporated within mowed lawn areas. The inclusion of nest boxes will introduce more options for birds to overwinter.

For waterfowl and shorebirds in particular, the riparian vegetation along the shoreline will be protected and expanded. With the construction of the tidal island the mudflat and intertidal marsh along the shoreline will be enhanced. Near the shore a mix of open water and emergent vegetation will provide optimal habitat.

**Juvenile Salmon**

The introduction of new rearing habitats off the tidal channel is an important enhancement for juvenile salmon as is the inclusion of foraging habitat in the intertidal wetlands. The intertidal wetlands may take the form of a sedge bench.

The opportunity to create more shelter for the juvenile salmon in ‘off channel’ conditions using complex woody structures or rock berms will be considered.

**Amphibians**

Amphibians require permanent, still water. The wetlands inland from the river will be designed to provide habitat for amphibians. This water will likely be supplied by stormwater from the north of the site.

**Pollinators**

To improve support of pollinators, a variety of herbaceous, flowering plants and larval food source plants will be provided. Care must be taken to ensure there is a diversity of bloom times. Meadow and old field habitat should be left undisturbed over winter to allow for the pollinators to overwinter or hibernate. Nesting habitat is required for these species as well.
The results from the online survey and public open house (October 2016) for the East Fraser Lands Area 2 parks are unusual in that there was a high level of support for both concepts presented. Both concepts presented were based on common park design principles:

Create resilient Natural Systems.
Foster a unique identity that celebrates the site’s past, present and future.
Cultivate community interactions and recreational opportunities.

Establish connections to the adjacent neighbourhoods and parks.

Each of these principles was strongly supported. The park design concept integrates the preferred elements from each concept into a new overall park design. The park has an emphasis on large, flexible park areas that could be used for informal sports, community events, or cultural celebrations. Along the river are a network of smaller nodes of activity where people can connect with and learn about nature and the river.

A large play area in South Kinross Park has a strong community presence with a variety of activities for a wide range of children. This concept emphasizes establishing generous ecological corridors through the site, including a north-south connection to the natural areas to the north, and an east-west connection to the Fraser River foreshore.

Since the first public open house, new flood protection guidelines have been established by the City of Vancouver. As a result, the park has been designed to integrate flood protection strategies to protect the community against future flood events.

Responses to survey question: “Which of the following things would you like to see, do, or experience in the East Fraser Lands Area 2 Parks?”

**FLOOD PROTECTION**

**CREATE RESILIENT NATURAL SYSTEMS**

**Foster a unique identity that celebrates the site’s past, present and future**

**CULTIVATE COMMUNITY INTERACTIONS AND RECREATION OPPORTUNITIES**

**ESTABLISH CONNECTIONS TO THE ADJACENT NEIGHBOURHOODS**

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**Formal Sports & Activities**
- Basketball
- Flag Football
- Frisbee
- Hockey
- Soccer
- Volleyball

**Play**
- Playfield (2)
- Playfield 2

**Connection with Nature & the River**
- Fish Nesting Box 78%
- Pollinator Meadows 74%
- Quiet Places to Watch Wildlife 81%
- River/Wetland Lookout 81%

**Ecological Corridors**
- Native Species Boardwalk 32%
- Interpretive Panels 32%

**Informal Sports & Activities**
- Frisbee 48%
- CYCLING 80%
- Bocce / Boules 38%
- Table Tennis / Ping Pong 19%
- Table for Board Games 32%
- Biking 60%

**Comfort**
- Seating 90%
- Drinking Water 79%
- Comfort 86%

**Interpretive Learning Elements (Cultural History)**
- Cultural History 58%
- Public Art 45%

**Maintenance & Services**
- Maintenance & Services 3%
- Picnic tables 86%
- BBQ Stands 56%

**Public Art**
- Art Show Space 2%
- Public Art 45%

**Outdoor Exercise Equipment**
- Table Tennis / Ping Pong 19%
- Outdoor Work Space 18%

**Outdoor Work Space**
- Outdoor Work Space 18%

**Public Restrooms**
- Washrooms 5%

**Other**
- Outdoor Exercise Equipment 2%
- Maintenance & Services 3%
- Off-Leash Areas 10%
FORESHORE PARK AND NEIGHBOURHOOD PARK SOUTH

View of the Bridge and Park from the Lookout

View from East Promenade Approaching Tidal Channel and Bridge

Lookout Providing Unique Views of the Fraser River and Mount Baker

Seating and Table Tennis in Neighbourhood Park South

Walking East along Promenade toward South Kinross Park

Cycling / Pedestrian Bridge

Tidal Channel reveals Natural Systems

Playscape provides a diversity of experiences for children

Existing Mature Shoreline Vegetation

Existing Pier at Foot of Kerr Street

Space for Temporary Public Art Installations

Tidal Island

Lookout

Open Lawn for Informal Sports / Events

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SOUTH KINROSS PARK

EAST FRASER LANDS AREA 2 PARKS

Supporting Mental & Physical Health
Connecting People and Nature
Building Community
Adding Biodiversity
Welcoming Leisure
Central Playscape Encourages Outdoor Exploration & Discovery
Tidal Island adds Habitat Diversity Throughout Site
Playscape Provides Focal Point & Welcomes the Community into the Site

View from Riverwalk Avenue into South Kinross Park and Terraced Wetland Habitat

September 2017
space2place
**EAST FRASER LANDS**

**AREA 2 PARKS**

**NORTH AND MIDDLE KINROSS PARKS**

**NORTH KINROSS PARK**
- Tree canopy provides a connection between the river and Everett Crowley Park for song birds.
- Existing Pumphouse

**MIDDLE KINROSS PARK**
- Picnic Area
- Rain Garden
- Central terrace for informal community activities
- Mounded planting beds provide enclosure for the terrace

**North Kinross Park Entry Plaza Provides View across Parks and to the Fraser River**

**Middle Kinross Park**
- Existing Pumphouse
- Sloping Pathways create a more accessible entry from Marine Way

**Sloping Pathways in North Kinross Park reduce steep climb up to Marine Way**

**View Corridor to Fraser River**

**Middle Kinross Park provides tranquility and ample space for community activities such as tai chi.**

**View approaching Middle Kinross Park from South East Entry**

**September 2017**