



**Parks, Recreation and Cultural Services Committee
Electronic Meeting**

**Council Chambers, City Hall
6911 No. 3 Road**

**Tuesday, April 26, 2022
4:00 p.m.**

Pg. # ITEM

MINUTES

PRCS-3 *Motion to adopt the **minutes** of the meeting of the Parks, Recreation and Cultural Services Committee held on March 29, 2022.*



NEXT COMMITTEE MEETING DATE

May 25, 2022, (tentative date) at 4:00 p.m. in the Council Chambers

PARKS, RECREATION, AND CULTURAL SERVICES DIVISION

- 1. AGRICULTURAL LAND COMMISSION NON-FARM USE
APPLICATION BY THE CITY OF RICHMOND FOR THE GARDEN
CITY LANDS COMMUNITY FARM AND CONSERVATION BOG
AREA AT 5560 GARDEN CITY ROAD**

(File Ref. No. 06-2345-20-GCIT1) (REDMS No. 6848756)

PRCS-7

See Page PRCS-7 for full report

Designated Speaker: Jason Chan and Alex Kurnicki

STAFF RECOMMENDATION

That the Agricultural Land Commission Non-Farm Use Application by the City of Richmond for the Garden City Lands Community Farm and Conservation Bog Area at 5560 Garden City Road, be endorsed and forwarded to the Agricultural Land Commission for approval.

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2. **MUSEUM AND HERITAGE SERVICES YEAR IN REVIEW 2021**

(File Ref. No. 11-7141-01) (REDMS No. 6850047)

PRCS-35

See Page **PRCS-35** for full report

Designated Speaker: Rebecca Clarke

STAFF RECOMMENDATION

That the staff report titled, “Museum and Heritage Services Year in Review 2021,” dated March 21, 2022, from the Director, Arts, Culture and Heritage Services, be circulated to Community Partners and Funders for their information.

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3. **STURGEON BANK ECO WALKWAY**

(File Ref. No. 11-7000-01) (REDMS No. 6865369)

PRCS-49

See Page **PRCS-49** for full report

Designated Speaker: Jason Chan

STAFF RECOMMENDATION

That the staff report titled “Sturgeon Bank Eco Walkway” dated March 24, 2022, from the Director, Parks Services, be received for information.

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4. **MANAGER’S REPORT**

ADJOURNMENT

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Parks, Recreation and Cultural Services Committee

Date: Tuesday, March 29, 2022

Place: Council Chambers
Richmond City Hall

Present: Councillor Harold Steves, Chair (by teleconference)
Councillor Michael Wolfe (by teleconference)
Councillor Chak Au (by teleconference)
Councillor Bill McNulty
Councillor Linda McPhail (by teleconference)

Also Present: Councillor Day
Councillor Hobbs
Councillor Loo

Call to Order: The Chair called the meeting to order at 4:00 p.m.

MINUTES

It was moved and seconded

That the minutes of the meeting of the Parks, Recreation and Cultural Services Committee held on March 1, 2022, be adopted as circulated.

CARRIED

NEXT COMMITTEE MEETING DATE

April 26, 2022, (tentative date) at 4:00 p.m. in the Council Chambers

PARKS, RECREATION AND CULTURAL SERVICES DIVISION

1. **2022 ENVIRONMENTAL ENHANCEMENT GRANT PROGRAM**
(File Ref. No. 03-1085-01) (REDMS No. 6852646)

Discussion ensued with respect to grant allocations. As the full amount of the budget has not been allocated, a second intake of applicants was suggested.

1.

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It was moved and seconded

- (1) *That the 2022 Environmental Enhancement Grants be awarded for the total recommended amount of \$27,600 as identified in Attachment 1 of the staff report titled "2022 Environmental Enhancement Grant Program" dated March 9, 2022, from the Director, Parks Services;*
- (2) *That the amendments to the City Grant Program Policy 3712 as identified in Attachment 5 of the staff report titled "2022 Environmental Enhancement Grant Program" dated March 9, 2022, from the Director, Parks Services be approved and that \$2,500 be awarded to the Sharing Farm Society; and*
- (3) *That the grant funds be disbursed accordingly.*

CARRIED

2. ARTS SERVICES YEAR IN REVIEW 2021

(File Ref. No. 11-7000-01) (REDMS No. 6848605)

Staff provided a brief video, highlighting some of the artwork achieved in 2021.

It was moved and seconded

That the Arts Services Year in Review 2021 as presented in the staff report titled, "Arts Services Year in Review 2021," dated March 3, 2022, from the Director, Arts, Culture and Heritage Services, be circulated to Community Partners and Funders for their information.

CARRIED

3. PROGRAM PLAN FOR JAPANESE DUPLEX

(File Ref. No. 11-7141-01) (REDMS No. 6824261)

A brief discussion regarding the Chinese bunkhouse ensued, noting the need to embellish history as much as possible.

The branding of Britannia Shipyards was briefly discussed. Staff noted next steps will be for staff to come back with a report as part of a future budget; date to be determined as it will be based on the timeline for the required permitting, anticipated to take up to two years.

With respect to having a front desk person, staff noted the job posting and recruitment is anticipated soon.

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It was moved and seconded

That Option 1, Visitor Welcome Centre, Retail and Dock Support Spaces, for the Japanese Duplex at the Britannia Shipyards National Historic Site as detailed in the staff report titled "Program Plan for Japanese Duplex," dated January 19, 2022, from the Director, Arts, Culture and Heritage Services be endorsed to guide future planning.

CARRIED

3A. LIFEGUARD AND INSTRUCTOR TRAINING
(File Ref. No.)

Councillor Loo noted the shortage of instructors and lifeguards in Richmond and the lower mainland. Discussion ensued with respect to the retention of lifeguards and the substantial training costs to achieve lifeguard certification, noting it may be a contributing factor to the shortage of lifeguards.

Staff noted the City has been working with the Richmond School District in developing a curriculum based program for students to achieve credits through a program to qualify as lifeguards, and that a number of City courses have been ramped up to certify more lifeguards.

As a result of the discussion, the following referral motion was introduced:

It was moved and seconded

That staff look into the training and hiring of more lifeguards and instructors, and creating a program to support the training costs for low income Richmond people or Richmond youth from low income families, and report back.

CARRIED

4. MANAGER'S REPORT

(i) Upcoming Events and Introduction to Egan Davis

Staff noted the following taking place on Monday, April 4, 2022:

- Official opening of the Garden City Lands Community Gardens
- Construction to begin on the Minoru Lakes Renewal Project

Egan Davis, the new Manager of Parks Operations, was introduced to the Committee.

(ii) Art Wraps & Farewell & Welcome

Staff noted the 20 years of dedicated artful service to the Richmond Art Gallery of out-going Chief Curator, Nan Capogna, and noted that Zoë Chan will be welcomed mid May as the new Richmond Art Gallery Curator.

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(iii) Virtual Cherry Blossom Festival (April 10)

Staff reported on the upcoming launch of the virtual Richmond Cherry Blossom Festival on April 10, 2022, noting that this year's program has been developed in collaboration with the volunteers and festival directors from the BC Wakayama Kenjin Kai and will feature 'how to' videos, including how to fold an origami cherry blossom, how to roll a sushi cone and how to make an ikebana flower arrangements and much more.

(iv) Spring Break Update

Staff noted the well attended variety of programs and services offered during the recent Spring Break, in particular:

- 1,300 in attendance for various day camps across the city,
- Many free activities for families, such as the Richmond Nature Park, Terra Nova Adventure Play Environment and the Richmond Art Gallery,
- Three tournaments took place in the arenas, represented by 117 teams, and
- 55,000 visits to Watermania and Minoru Centre for Active Living over the 16 day period.

(v) Pickle Ball Hours at West Richmond

Staff noted that the court lights at Hugh Boyd pickleball courts will be adjusted to turn off daily at 10pm and that the 300+ pickleball members will be advised.

ADJOURNMENT

It was moved and seconded

That the meeting adjourn (4:52 p.m.).

CARRIED

Certified a true and correct copy of the Minutes of the meeting of the Parks, Recreation and Cultural Services Committee of the Council of the City of Richmond held on Tuesday, March 29, 2022.

Councillor Harold Steves
Chair

Lorraine Anderson
Legislative Services Associate



City of Richmond

Report to Committee

To: Parks, Recreation and Cultural Services Committee
From: Todd Gross
Director, Parks Services
Date: March 28, 2022
File: 06-2345-20-
GCIT1/Vol 01
Re: **Agricultural Land Commission Non-Farm Use Application by the City of Richmond for the Garden City Lands Community Farm and Conservation Bog Area at 5560 Garden City Road**

Staff Recommendation

That the Agricultural Land Commission Non-Farm Use Application by the City of Richmond for the Garden City Lands Community Farm and Conservation Bog Area at 5560 Garden City Road, be endorsed and forwarded to the Agricultural Land Commission for approval.

Todd Gross
Director, Parks Services
(604-247-4942)

Att. 7

REPORT CONCURRENCE		
ROUTED TO:	CONCURRENCE	CONCURRENCE OF GENERAL MANAGER
Engineering	<input checked="" type="checkbox"/>	
Community Bylaws	<input checked="" type="checkbox"/>	
Policy Planning	<input checked="" type="checkbox"/>	
Sustainability & District Energy	<input checked="" type="checkbox"/>	
Development Planning	<input checked="" type="checkbox"/>	
SENIOR STAFF REPORT REVIEW	INITIALS: 	APPROVED BY CAO

Staff Report

Origin

The purpose of this report is to describe the scope of work for the continued improvement of the Garden City Lands (the “Lands”) proposed to be submitted for approval by the Agricultural Land Commission (ALC), and to seek a Council Resolution in support of the City’s Application. If endorsed by Council, this ALC Non-Farm Use Application will be forwarded to the ALC for its consideration. If City Council does not endorse the Application, the Application will not proceed to the ALC for consideration.

On April 6, 2020, the General Purposes Committee reviewed a proposed non-farm use application for the Garden City Lands and referred it back to staff for further discussion. In November, 2021, staff held a workshop to review the Garden City Lands Legacy Landscape Plan approved by Council in June 2014 and all aspects of the proposed Non-Farm Use Application. Based on the discussions at the workshop and further analysis staff have prepared updated proposal found in this report.

Findings of Fact

The City-owned Garden City Lands are approximately 55.2 hectares (136.5 acres), located on the eastern edge of Richmond City Centre (Attachment 1). It is a unique site resulting from centuries of natural processes and human impacts.

In the current 2041 Official Community Plan (OCP) Land Use Map, the Garden City Lands are designated as “Conservation,” which is defined as being natural and semi-natural areas with important environmental values that may also be used for recreation, park, agricultural and food production purposes. The proposed use of the Lands as a City-wide park is consistent with its Land Use. The site is located in a high-density neighbourhood and are envisioned as an agriculturally productive space and bog conservation area. Several existing and planned greenway and pedestrian connections will also make the Lands a destination for many visitors.

The site is located within the Agricultural Land Reserve (ALR) and all activities on the Lands are overseen by the ALC. Therefore, all activities on the site are subject to the policies and regulations of the ALC. It is zoned AG-1 (“Agriculture”), which permits primarily farming, food production and supporting activities. The City of Richmond is required to submit a “Non-Farm Use” Application to the ALC for a decision authorizing the City to implement the remaining portions of the Legacy Landscape Plan to permit construction of and full public access to the site.

To date, the City of Richmond has submitted the following Applications to the ALC:

- 2016: ALC #55588 – Transportation, Utility, or Recreational Trail Uses within the ALR (for permission to build the perimeter trails);
- 2016: ALC #56243 – Dike Structure (to hydrologically separate the bog from the western agricultural portion of the site);

- 2017: ALC #56199 – Application to Place Soil (to create the farm leased to Kwantlen Polytechnic University (KPU));
- 2017: ALC #56243 – Non-Farm Use Application (Harvest Festival);
- 2018 and 2019: ALC #57671 and #58812 – Non-Farm Use Application (Farm Fest); and
- 2021: ALC 62135 – Non-Farm Use Application (Community Gardens).

The City of Richmond has received approvals for all these Applications.

City staff were advised by the ALC that it would be preferable to make a single Application under the “Non-Farm Use” category for the remaining improvements identified in the Garden City Lands Park Development Plan (Attachment 2). City staff have been in regular contact with the ALC regarding this recommended approach for a comprehensive Non-Farm Use Application.

Subject to Council’s endorsement, this Application will be forwarded to the ALC for consideration. As part of their evaluation process, staff expect to host the South Coast Panel of the ALC at the Lands.

Analysis

The City’s Application includes all the items identified in the Garden City Lands Legacy Landscape Plan and Garden City Lands Park Development Plan, that is, both Farm and Non-Farm Use related activities. In order to assist the ALC with fully understanding the entire vision for the Lands, all aspects of the project will be explained in the City’s Application to the ALC.

Non-Farm Use Related Activities (ALC approval required)

The Application will be divided into the following five main categories:

1. Site Access Features;
2. Site Infrastructure;
3. Agricultural and Food Production Related Elements;
4. Agriculture and Ecological Centre; and
5. Soil Use for the Placement of Fill Application.

ALC Non-Farm Use related activities proposed for the Lands are summarized in Attachments 3 and 4.

1. Site Access Features

Internal Circulation System

Internal circulation will be primarily for pedestrian access. The two proposed types of paths are: Paths and Farm Service Roads and Wooden Boardwalks.

All paths will be universally accessible. The paths will also direct visitors to minimize impacts on cultivated growing areas, landscape buffers and ecologically sensitive environments while permitting an opportunity to explore this large space.

Paths and Farm Service Roads

There will be two paths and road types on the site and these will be located in the agricultural portion of the site, west of the dike, as well as on the dike itself. The path types are public and Farm-Use, and Farm-Use Only.

The Public and Farm-Use paths will provide site access throughout the site to both the public and City staff. Vehicular access will be restricted to farm and service vehicles only. These paths will be wider, multi-use in nature and carrying all forms of traffic. This is the predominant pathway type. These paths will be constructed with permeable materials, such as crushed stone material of several gradations as base material. A finishing layer of fine, crushed stone dust will be rolled and compacted to provide a smooth and accessible surface. The underlying peat material will not be removed from the site and minimally disturbed as per the recommendations of the City's Community Energy and Emissions Plan (CEEP). Farm-Use Only paths will be located within and immediately around the farm fields. Public access will be restricted as the farm fields are areas of cultivation and are open, therefore public access is not a compatible activity for safety and practical purposes. Surface treatment will likely be turf and/or woodchips.

Wooden Raised Boardwalks

Due to the ecologically sensitive nature of bog environments and the typically saturated water conditions (surface water will be present for most of the year), the best management practice for providing limited public access to bog sites is to build boardwalks. The boardwalk will be universally assessable and the only manner to walk through the bog, with non-slip surfacing and a low timber barrier curb along the edge. Staff will report back to Council on the proposed final layout of the boardwalks prior to construction.

Site Entry Nodes

At each of the four corners of the site, an entry node will be constructed to serve as formal access points to the Lands. Each entry will include wayfinding, interpretive and site identification signage, lighting, seating and native planting. The surface treatment will be a mix of materials including concrete pavers, natural stone and wood.

Pedestrian Level Lighting

A network of pedestrian level light poles is proposed along the perimeter recreational trail. Lighting will be installed in the narrow landscape buffer between the paths. The design will consider site usage patterns and any potential adverse environmental impacts. Any lighting system includes installing significant sub-grade infrastructure and connection points.

Seating and Trash Receptacles

Seating and trash receptacles are necessary to support the visitors' use and enjoyment of the Lands. They will be conveniently located for site users and maintenance, primarily along high traffic paths and junction points.

Interpretive and Wayfinding Signage

Interpretive signage will be installed throughout the site to assist visitors to better understand the agricultural and ecological framework, the purpose of the Garden City Lands and explain the current aim of the Lands as a centre for conservation, ecology and active sustainable agriculture production.

Wayfinding signage will be located at key points throughout the site and will display site maps and directional signage pillars.

The Rise: Picnic Areas, The Meadows and Play Structure

Located in the northwest corner of the site, the Rise is a landform which provides a view over the entire site as it is the highest point of land on the site.

This area will also host a picnic area and agricultural-themed, natural children's play structure.

Public Art

Working with the Public Art Program, a series of agriculturally themed public artworks, inspired by the site and Richmond's rich agricultural history, is proposed for the site. The public art will enrich the visitors' understanding and experience of the site by highlighting the hidden processes and beauty of the site similar to the art situated at Terra Nova Agricultural Park.

Lookout Tower

The Garden City Lands Landscape Legacy Plan envisioned a tall structure at a central location to offer site visitors a broad, 360 degree view over the entire site. The potential location is proposed to be off of the central dike in the centre of the Lands, on the farm side of the dike. Staff will report back to Council on the proposed location of the tower prior to construction.

2. Site Infrastructure

Many site infrastructure elements have been already described above, but additional utilities are required to support the proposed program and structures.

Parking Lots

The Lands are expected to attract visitors from the immediate community and throughout Richmond and Metro Vancouver. While public transit and alternative forms of transportation are encouraged, a limited number of parking facilities are still required. All parking facilities on the ALR land are required to have permeable surfacing although it is proposed that any universal access stalls will be paved. Parking will be provided at the three following locations:

1. The Garden City Road parking lot will be constructed as part of the proposed Agriculture and Ecology Centre (the "Centre"). This parking lot is the largest of the three proposed and would likely host public events such as a weekly farmer's market. See applicable section below for more information.

2. The Alderbridge Way parking lot near May Drive. The proposed site is a previously compacted, disturbed site. It is located at the convergence of the dike and the Perimeter Trails.
3. Parallel Layby parking stalls along No. 4 Road will be located between the existing curb and the perimeter trail. These series of stalls will provide parking spots in proximity to the bog.

Municipal Services/Utility Connections

Municipal services will be required to service the site. Currently, two water connections provide KPU's Farm School fields with water for irrigation. Electricity is also connected to the site. Based on the proposed site improvements, all typical municipal services and utility connections will be required. Sanitary service options are being explored.

Washrooms

Two locations for public washrooms are being contemplated: one is proposed to be a stand-alone structure located near the proposed May Drive parking lot, and the other is integrated within the proposed Agriculture and Ecology Centre. (Please see below for additional information about the proposed Centre). The design will emphasize durability, cost effectiveness, ease of maintenance and integration with the overall site design language.

EV Charging Stations

Charging stations for electric vehicles will be considered for installation at the parking lot attached to the proposed Agriculture and Ecology Centre.

Bridge Structure

One vehicle-rated bridge structure is being contemplated for the site. This farm service road will be crossing a proposed linear canal connected to the existing pond.

3. Agricultural and Food Production Related Elements

The area east of the dike is focused on bog conservation and ecosystem education. The area west of the dike is planned for intensive agricultural production, public education programs and passive recreational activities. Infrastructure such as drainage systems, water supply and a network of service roads and pathways will be installed to support proposed agricultural production.

Large Scale Public Events

The City has hosted events on the Lands to celebrate Richmond's farming heritage and culture. ALC approval is required for each individual event. As part of this Non-Farm Use Application, the City will request approval to host an event on an on-going annual basis.

Farmers Market

Establishing a regularly scheduled weekly or bi-weekly farmers market will provide local and on-site producer's opportunities to market their crops and engage with the community. KPU is expected to be a primary participant. Hosting farmers markets supports local farmers and positions the Lands as a hub for local farm production.

4. Agriculture and Ecology Centre

The Garden City Lands Landscape Legacy Plan proposes a Garden City Lands Agriculture and Ecology Centre as the programmatic and infrastructural hub of the entire project area. The building is envisioned to be sustainably-designed. Though envisioned to support the interpretation activities on the site, the Centre's primary function will be to support agricultural activities and bog health and rehabilitation. As part of the building's proposed program, a significant food preparation and commercial kitchen is proposed. This would support the Centre's function as a 'food hub' in Richmond City Centre. Similar to a barn on a typical farm, the Centre is envisioned to be a landmark on the site. The all-weather, permanent structures will support the dual focused mission of the Lands as follows:

1. The current and proposed agricultural and food-related activities; and
2. The ecological interpretation and education of the site, namely sustainable agriculture and the bog.

Agricultural Support

As stated, the Lands have been established to cultivate and harvest food. Any intensive agricultural activity of scale and diversity, as proposed, will require a barn to support these activities. The barn will house farm vehicles (tractors), farm implements (seeders and plows) and supplies (seeds and tools). Additionally, the barn will have a tool and repair workshop, work areas, secured and unsecured/open storage areas, offices, walk-in refrigeration unit and a field crop washing and processing area. It will support both KPU's and other farmers' activities on the site.

Site Ecology and Interpretation

The Centre is envisioned to host an interpretative program to educate visitors about the site and the complex biological activities occurring on the bog. This would include signage and graphics inside and outside of the building, classrooms, offices and other education facilities to host visitor programs and educational events. Bog conservation groups and other non-profit societies could possibly operate out of this facility.

Size and Phasing

Preliminary plans call for the Centre to be built in two phases:

Phase 1: A barn structure and parking lot for approximately 64 parking stalls, outdoor circulation space, storage space, multi-use (flex) space and landscaping. The program would focus on a storage barn, crop processing areas, farmers market and public washrooms.

Phase 2: A building with offices, meeting rooms, classrooms and community kitchen. This phase would provide the City the capacity to facilitate the community outreach, public ecological and agricultural education, and site interpretive programs planned for the Lands.

Timing

The Centre will be built as funding sources are identified and secured. The type of building and anticipated uses envisioned may require a future rezoning application.

Base and Preload Material

Fill will be required for the construction of the Centre to raise the grade to meet minimum required flood construction level (FCL) flood elevations. This would include the amount required for preloading the site as well as the volume and quality of soil to support the building's foundation. Through the detailed design process, the required volume will be confirmed and dictated by the British Columbia Building Code and City building standards.

5. Soil Use for the Placement of Fill Application

Project Overview

The City will request the ALC's approval to deposit 9,570 cubic metres of soil at a number of locations on the site to build a parking area, preload and base material for a washroom, preload and base material for a Community Hub Centre, and for pathways and trails.

Each specific project will utilize different types of soil including sand (preload), granular material, and sub-soil. Attachment 5 – Garden City Lands Proposed Fill Volumes, provides a soil deposit summary table identifying the location, type, volume and purpose of the soil proposed to be deposited on the property.

The estimated duration of the soil deposit undertaking for the Garden City Lands project is variable for each aspect of the project. The timing of preload deposition and length of time in which preloading for the structures and parking lot remains on the property will be dependent on a number of variables including a geotechnical engineer's assessment and direction, obtaining necessary building permits, and purchasing the sand from an appropriate vendor. The duration of time to complete the raised beds for the community gardens is heavily dependent on finding a suitable source(s). Despite the aforesaid, the duration of time required to complete the soil deposition aspect of the project is not expected to exceed two (2) years.

Agricultural Considerations

The City retained Bruce McTavish (MSc, MBA, PAg, RPBio) who has provided a soil sourcing protocol to be implemented when sourcing soil to be deposited on the property (Attachment 6). Mr. McTavish (or another equally qualified professional) will be required to inspect and approve all source sites prior to soil being imported from said sites.

When appropriate, the City will engage other Qualified Environmental Professional's (QEP) (for example, agrologists) to manage the placement of other soil such as preloading or base material. To the greatest extent possible, the City will not remove existing soil from the site unless directed by a QEP. For example, should a concentration of contaminated soil be identified by the project's contaminated sites specialist, the soil will be relocated to a certified facility. Due to the site's predominantly peat-based soils, maintaining the soil in place and in a wetted condition ensures the captured carbon remains in place thus supporting the goals of the CEEP.

Should the proposal receive approval, Mr. McTavish (or equally qualified QEP) will be retained to monitor the project and provide assistance regarding soil integrity, including confirmation that course fragment content meets acceptable standards. He will review soil documentation and any source sites to ensure that only approved soil is imported onto the property. This will include a review for invasive species. The City has also retained QEP services to provide review of the imported soil as part of the City's management of historical site contamination from former historical activities on the Lands.

Soil for the community gardens (i.e., planters) shall only be accepted from source sites that meet agricultural land standards and as per the protocol outlined in Attachment 7. Soil will be primarily sourced from sites located in Richmond. Staff are working with the development industry to utilize currently farmed soil for placement on the Lands.

Preload (i.e., sand) and granular material will be sourced and purchased from a reputable licenced supplier(s).

As per section 3.3.1 (b) of the City's Soil Deposit and Removal Bylaw No. 10200, the City is not required to obtain a soil deposit permit as the soil deposition will be undertaken by the City. The City will oversee this project subject to the same requirements as any other applicant.

Drainage & Geotechnical Considerations

Based on previous and recent geotechnical assessments for the proposed soil volume, no impact to the City's utilities or any neighbouring properties is expected. Based on recent drainage modelling for the proposed soil volume, a negligible increase to the City's stormwater drainage system is expected. The City recognizes that there are limits to the hydrogeological modelling and will be collecting additional data to support these conclusions and understand how these activities will affect the health of the bog.

Environmental Considerations

Development of site amenities, such as boardwalks in the bog and activities such as invasive species removal will be conducted under the guidance of a QEP and employing best management practices. The City will follow all applicable environmental regulations in the development of this site.

Erosion and sediment control measures are to be installed and inspected by a qualified professional prior to soil deposit operations commencing. City staff will also inspect to ensure compliance prior to the importation of any soil.

As a condition of any approval, a performance bond may be required by the ALC in a form and amount deemed acceptable by the ALC. The ALC performance bond is collected to ensure that all ALC approval requirements are satisfied and to ensure the rehabilitation of the property in the event the project is not completed. The performance bond would be held by the ALC.

Financial Costs and Considerations

The City will purchase materials from reputable suppliers under the guidance of the qualified professional. Should material be identified which could be deposited onto the Lands as a source of revenue, fees charged would be per the City's Consolidated Fees Bylaw No. 8636 and the Garden City Lands Soils Deposits Fees Bylaw No. 9900.

Farm Related Activities (No ALC Approval Required)

A description of existing and proposed agriculture activities are provided for information only. These activities do not require ALC approval to proceed and are included in the City's Non-Farm Use Application to provide the ALC the overall vision for the Garden City Lands.

Soil Management

Existing and imported soils will be amended with amendments such as composts, manures and the incorporation of cover crops.

KPU Sustainable Agriculture Farm School Fields

The KPU Sustainable Agriculture and Food Systems Program are currently cultivating approximately six acres of the 20 acre (8 ha) total area they have committed to farming. Under the terms of the License to Use Agreement KPU signed with the City, the City is responsible to provide the soil and infrastructure to facilitate farming on the site, including water connections and drainage infrastructure. In return, KPU will farm the site following sustainable farming best management practices for a 20-year term, supporting the City in public outreach, education efforts and providing a Farm Management Plan for all agriculture activities on the site (area west of the dike).

Farm Management Plan

The KPU Sustainable Agriculture and Food Systems Program has provided the City a Farm Management Plan outlining the overall management of the site according to sustainable and organic farming practices. Principles of agro-ecology, conservation focused soil management techniques as well as sustainable farming practices will be occurring on this site.

Ponds and Ditches

The Garden City Lands Park Development Plan identifies two larger ponds and a linear canal to be excavated on the Lands. Initially envisioned as a source of irrigation for field crops, they now function solely as stormwater detention ponds. Their limited capacity and recharge during the summer and the potential for groundwater contamination limits their use for irrigation. The

City's QEP is currently conducting a contaminated site study that will confirm this determination. In addition to the pond and canal, a network of ditches and sub-grade drainage systems will be installed to manage on-site surface water as is widely practiced throughout Richmond due to the area's high water table and soil properties. Where applicable, staff will engage with a QEP for the appropriate approvals to conduct this work including Water Sustainability Act (WSA) approvals.

Community Farm Fields

The area of the western half of the Lands surrounding the Centre and extending south to Westminster Highway are envisioned to host a number of agriculturally productive uses including community gardens and farms. These farm fields will be subject to the KPU produced Farm Management Plan and overseen by the City. It is envisioned that the farmers working on these sites will be signing leases with the City, while cultivating their designated plots. Prior to any agricultural activities are allowed to proceed, this area will be extensively studied to delineate and characterize the areas of contamination. If the placement of soil is required to support active farming, this will be the subject of a separate Application to the ALC.

Community and Allotment Gardens

Current plans call for in-ground community garden plots. At the appropriate time, the 200 above ground, temporary community garden plots will be transitioned to these in-ground plots. Establishment of these plots can be achieved in a relatively short time once the appropriate volume and quality of soil is provided. Minimal infrastructure is required and water services are already in place. The community gardens will be overseen by the Urban Bounty.

Larger plots or allotment gardens maybe considered on the Lands. Currently there are no larger plot community gardens in the City, but the site could support plots that could provide a significant source of food for individuals and families.

Incubator Farms

Graduates from the KPU Sustainable Agriculture and Food Systems Program currently have an opportunity to access plots of land for a two-year term at another location in the City. The 'incubator farm' plots provide recent graduates opportunities to develop the skills acquired through their formal education. Sites on the Lands would provide novice farmers on-going mentorship from the KPU Sustainable Agriculture and Food Systems Program and have access to shared resources such as tools, farm equipment, implements and professional advice. These sites are proposed for the southwest portion of the site.

Intensive Market Gardens

Staff are contemplating the possibility of activating one-quarter to one-acre farm plots for intensive farm production by local farmers. These plots would be leased from the City for a possible five to 10-year period after a vetting and evaluation process. Utilizing small plot intensive (SPIN) farming practices, these plots would be farmed organically and grow high-market value crops for local consumption and sale.

Additional Agriculture Uses

Apiaries or designated areas hosting domestic bee hives are under consideration. As the site's development evolves, staff will look at future possibilities to host appropriate small livestock as a demonstration of urban farming best management practices. Livestock which could be considered for the Lands include limited and manageable numbers of pigs, goats and chickens.

Perennial fruit tree and berry production will occur at several locations throughout the Lands including the KPU Farm, the Rise and south of the Centre. These fruit tree orchards and berry patches would be managed by professional farmers or horticulturalists according to organic farming practices. They would be programed as opportunities for public outreach and education, for example, annual pruning workshops for home and community gardeners could be held on site.

Consultation

The Food Security and Agricultural Advisory Committee (FSAAC) reviewed the proposal on February 24, 2022, and passed the following motion (Attachment 7):

That the Food Security and Agricultural Advisory Committee support the Non-Farm Use Application at the Garden City Lands (AG 18-837641).

Carried Unanimously

Financial Impact

None.

Conclusion

Throughout the planning and design process, Council and the public have expressed their support for this unique site in the City Centre area. As a result of the comprehensive planning and design that has occurred in the last five years, there is broad public interest and support to use the Garden City Lands for both agriculture and recreation.

Without the ALC approval, the Lands project cannot be fully implemented as envisioned by the Garden City Lands Legacy Landscape Plan including public access throughout the entire site.

With Council's endorsement, staff will be authorized to forward the Application to the ALC for approval of the remaining scope of work. A successful Application will bring to reality the City's vision as set out in the Garden City Lands Park Development Plan. Should the City receive the ALC approval, staff will provide Council updates as the project is implemented.



Alex Kurnicki
Manager, Parks Programs

March 28, 2022

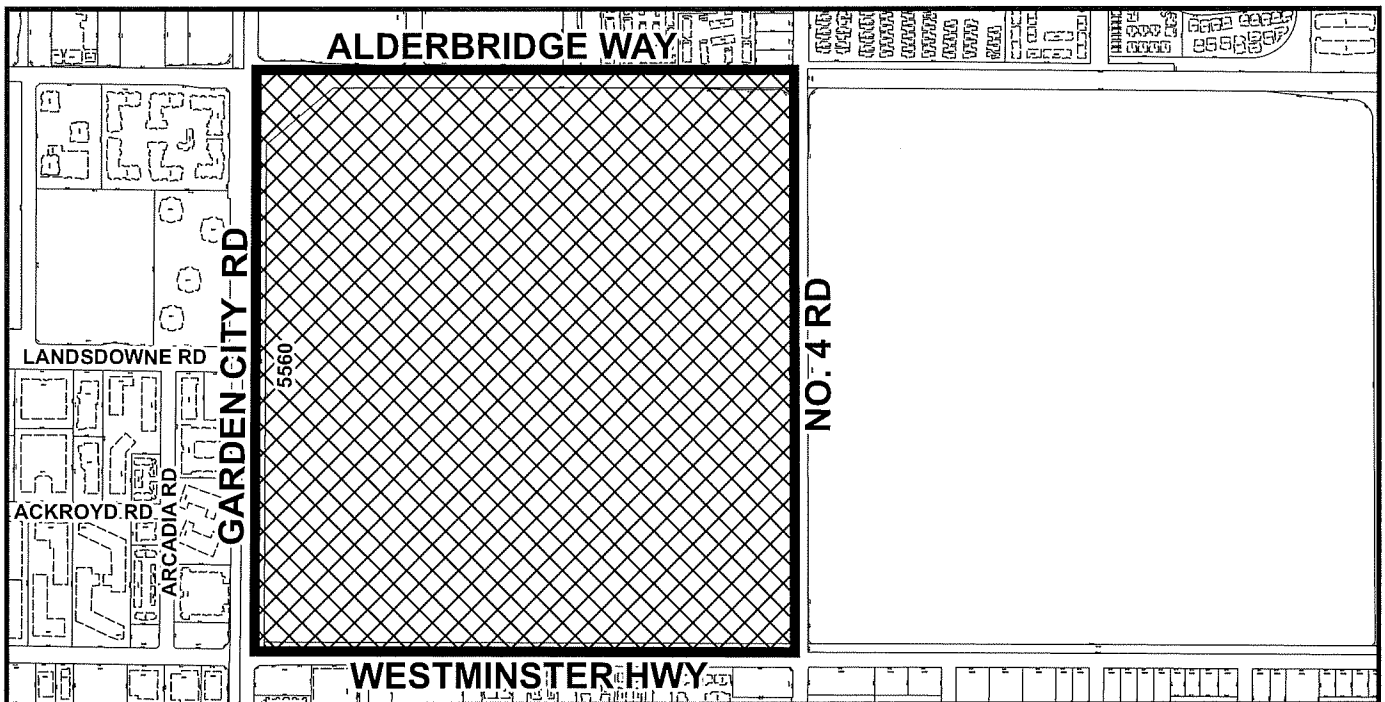
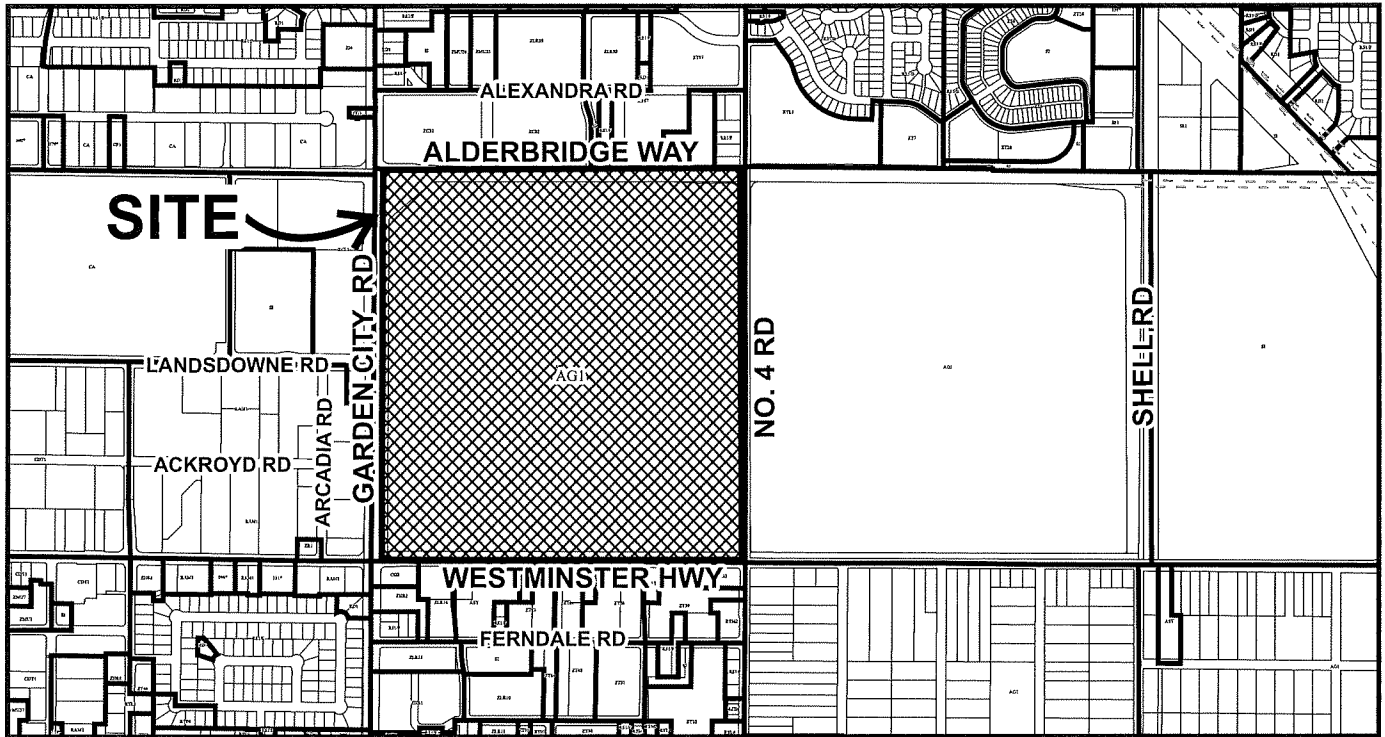
- 13 -

(604-276-4099)

- Att. 1: AG 18-837641 Garden City Lands Non-Farm Use Application
2: Garden City Lands Park Development Plan
3: Garden City Lands ALC Non-Farm Use Application #58154 Approval Matrix
4: Garden City Lands Approvals Matrix Support Maps
5: Garden City Lands Proposed Fill Volumes
6: Letter from Bruce McTavish re: Source Soil Management, dated December 19, 2017
7: Food Security and Agricultural Advisory Committee (FSAAC) Meeting Minutes
Excerpt (February 24, 2022)



City of Richmond



AG 18-837641
Garden City Lands
Non-Farm Use Application

Original Date: 09/17/18

Revision Date: 03/24/20

Note: Dimensions are in METRES



City of
Richmond



AG 18-837641
Garden City Lands
Non-Farm Use Application

Original Date: 09/17/18

Revision Date: 03/24/20

Note: Dimensions are in METRES

PRCS-21

Garden City Lands Park Development Plan



Garden City Lands ALC Non-Farm Use Application #58154 Approval Matrix				
Item	Non-Farm Use (ALC Approval Required)	Farm Use (Notification Only)	Quantity	Notes (for graphic representation of these proposed land uses, please see Maps attached to this Application)
A Site Access Features (see Map A)				
1 Public Access Trails & Service Roads			Approx. 3,500 LM	Includes pedestrian and farm/service vehicle rated roads constructed of gravels and finished with crushed stone for a permeable and accessible surface. Min. 3m wide.
2 Raised Boardwalks			1,600 LM	Boardwalks constructed of timber and on piles to raise boardwalk above bog surface. Approximately 1,600LM x 2.5m wide=4,000sq.m + 1,200sq.m in seating nodes
3 Dike Service Access Road & Trail Use			900 LM	Similar to A1, the road along the Dike is multi-functional built to accommodate service vehicles and pedestrians. 900LM x 3.8M wide=3,500 sq.m
4 Site Entry Nodes			4 nodes, 1,000 SqM	Materials: timber, concrete pavers, gravel, all permeable and accessible surface materials. Located at each corner of the site (4 in total). Total area covered: 4x 500sq.m
5 Perimeter Trail Pedestrian Level Lighting			111 units	Includes conduit for cables, lamp bases and light poles, located along the 2.9m perimeter path. Estimated up to 111 lights (both single- and double-sided fixtures)
6 Sealing Nodes & View Points			10	Materials: timber, concrete pavers, gravel. Along circulation paths, overlook points and timber boardwalks (E end of Canal and one at Fen), along circulation paths. Total number: 10
7 Interpretive & Wayfinding Signage			See notes	The nature and extent TBD. The aim is to get signage throughout the site for wayfinding and education/interpretation
8 Public Amenities on The Rise			Approx. 2.5 HA	Focused on passive recreation, views of the site and agriculture use of the Garden City Lands. Picnic Areas, Meadows and a 1,200 sq.m Children's Play Structure area
B Site Infrastructure (see Map B)				
9 Parking Lot off Alderbridge Way			Approx. 3,200 SqM	Approx. 3,200 sq.m with min. 15 standard and 4 universal stalls. 1 EV Charging Station. One way in and out. Minimal fill anticipated.
10 Public Washroom at Alderbridge Way P-Lot			1	Universal access, two stalls, with storage, septic system, water and electrical services. approx max size: 50 sq.m.
11 No 4 Rd Lay-By Parking Pockets			7 nodes; 2, 100 SqM	7 Nodes for parallel parking, 63 standard and 7 accessible parking spots, each node 235 sq.m, total= 2,115 sqm
12 BC Hydro Connection: Perimeter Trail Lighting			3	Three connections on the perimeter of the site to provide power to perimeter lighting system (in addition to power supply for Farm Related activities)
13 Site Furniture			See Notes	Minimum 10 Trash & Recycling Receptacles; 20 Single and double sided benches; Bike Racks at entry points (total # TBD)
14 Bridge and Culverts over Drainage Features			1 over Canal	Currently contemplating one bridge structure over Canal near Hub crossings over minor ditches for vehicles and foot traffic via concrete culverts
15 Bog Conservation Area			30 HA	Program and site management includes public education, conservation management, removal of invasives, replanting native species
C Agricultural & Food Production Related Elements				
C1 General (see Map C1):				
16 Farmers Market			Approx. 3,000 SqM	Seasonal weekly farmers market for produce grown on site and local farmers. Support infrastructure required. Approximate size: 3,000sq.m
17 Public Event Space			1 HA	Annual event similar in size and program to the past events held in 2017 and 2018, consistent with previously approved applications. Would occupy 1 HA in the vicinity of the proposed Barn and Interpretive Centre.
18 Plantings and Landscaping			See Notes	Hedgerow/agricultural buffers, trees, orchards, meadow hydroseeding, WM require addition of compost and amendments to prepare site
19 Orchards and Berry Production			See Notes	Blueberries, cranberry production demonstration projects, community orchards for public demonstration and food production
20 Drainage Infrastructure			See Notes	Rainwater storage structures for supplemental irrigation; 2 ponds and the canal separating the Community Hub and the KPU license area. Swale along the base of The Rise (southern toe of slope), field perimeter ditches, field sub-grade drainage pipes
C2 KPU Farm (see Map C2):				
21 Farm Education and Research + Barn			8 HA	KPU Sustainable Ag Program Teaching and Research Farm. KPU to build barn to support farm operations with total GFA: 5,344 sf (466.5m2). Building footprint: 2,832 sf (244.5m2).
22 Orchards & Berries			approx. 1 HA	Orchard, blueberries and alternative cranberry production methods as demonstration project to local industry
23 Field Crop Production			7 HA	Raised beds and cover crops, geodesic dome, rolling high tunnel greenhouse
24 Water Connection			2	For crop irrigation and primary processing of produce grown on site
C3 Community Farm Fields (see Map C3):				
25 Soil Deposition (Farm Fields)			8 HA (73,000 CM)	To support farming activities in areas west of central Dike: 80,000sq.m, 8.0 ha x 900mm depth= 73,000cubic m of fill, will facilitate community gardens, field crops, orchards (C26-28)
26 Field Crop Production (Future)			8 HA	Field rotations, cover cropping, manure application, sustainable soil management, potential tenure agreements for Incubator Farms and leased plots. Will require water supply and electrical connections.
27 Community Gardens			100 plots; 3,000 SqM	Shared storage spaces for farm and ag. related equipment. Area includes internal path. Area subject of additional site investigation.
28 Potential Livestock Production			See Notes	Two community gardens, likely 100 plots minimum total. Anticipated size with specifics TBD based on demand and current recommended best practices. Will require water supply connection, storage, gathering spaces, compost areas. Placement of soil to facilitate soil based food production at grade. Granular material for pathways.
D Community Hub & Farm Centre (see Map D)				
29 Barn			Approx. 700 SqM	700sq.m foot print. Agriculture primary use: primary food processing, equipment storage, honey and seed rooms, washrooms. Will require preload and structural fill. Approx. 1.2m of fill =3,200 cubic meters of fill; preload volume TBD.
30 Municipal Services (to Barn)			See notes	Electricity, communications/digital connections, sewer and water supply for agriculture related activities
31 Outdoor work spaces			2,000 SqM	Covered and open air work spaces, pedestrian and vehicular circulation & public gathering spaces (area 1 and around Barn)
32 Interpretive Centre			Approx. 1,000 SqM	Bog and farming interpretive centre, offices, classrooms, public washroom, community kitchen and meeting room. Outdoor circulation space up to 1,500 SM. Preload structural fill, permeable and impermeable surfaces, first floor flood elevation 2.9m as per CRF Flood Plain Bylaw. 1,000 sqm for foot print of building and circulation space x 1.1 m fill=1,200 cubic meters of fill.
33 Municipal Services (to Interpretive Centre)			See notes	Storm drainage, sewer, water supply, electricity and communications/digital connections
34 Interpretive Centre Parking Lot			Approx. 5,200 SqM	Adjacent to proposed Barn and Interpretive Centre. 2 EV charging stations; 60 standard stalls; 4 universally accessible; 1 loading bay. Fill for preload and to raise grade to meet street elevation. Estimated 5m of fill required= 2,700 cubic meters
Abbreviations: LM= Linear Meter SqM= Square Meter CM= Cubic Meter HA= Hectare				



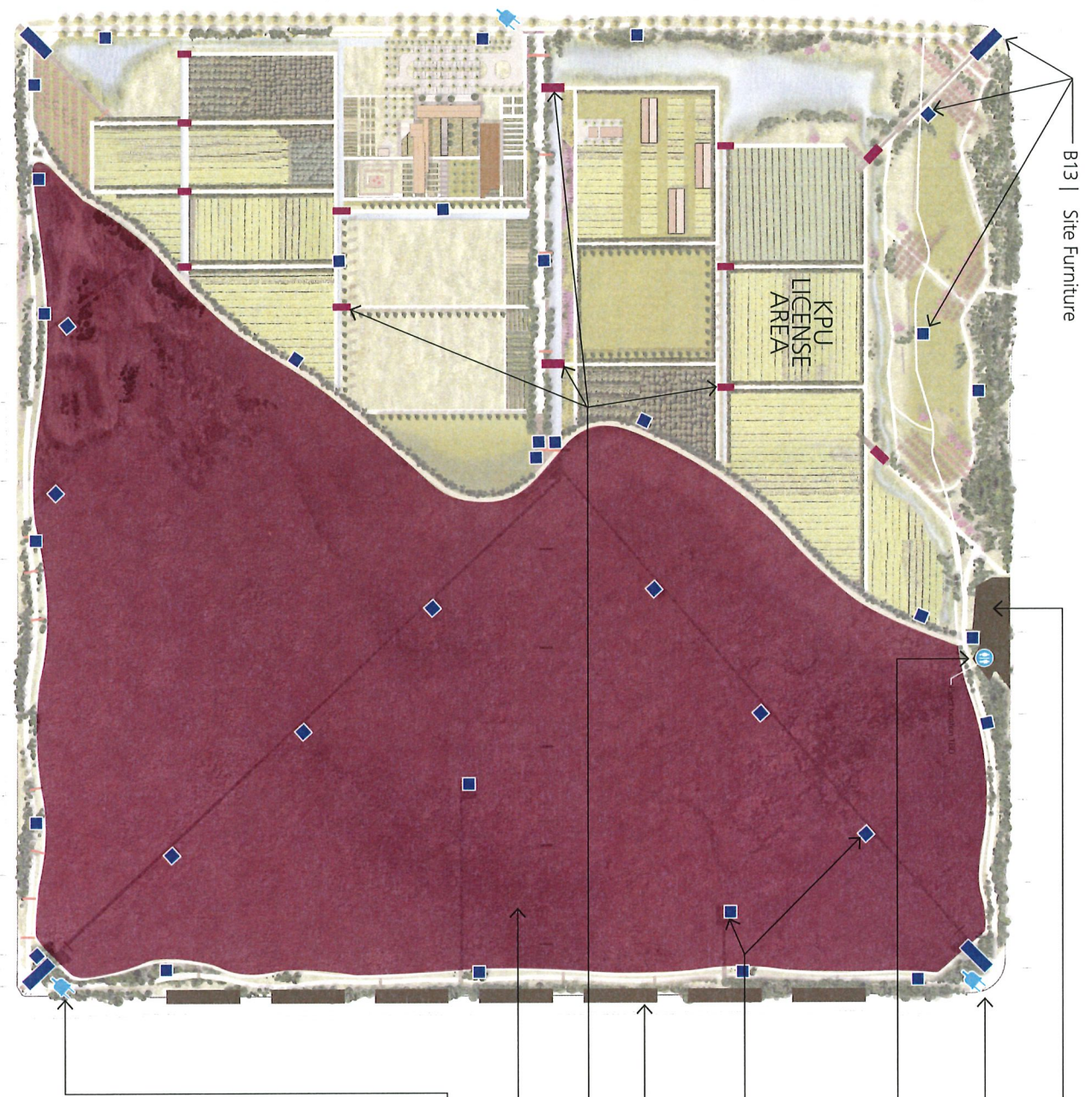
ALC DECISION #55588:
Perimeter Recreation Trail and Agriculture Buffer
(2016)

ALC DECISION #56199:
Soil Deposition to Establish the Farm
(KPU Lease) (2017)

ALC DECISION #55600:
Dike Structure (2016)

ALC DECISION #56243:
Harvest Fest (2017)
ALC DECISION #57671:
Farm Fest (2018)
ALC DECISION #62135:
Community Gardens (2021)

For additional information about this site map,
please refer to the Approval Matrix



B13 | Site Furniture

B9 | Parking Lot off Alderbridge Way

B12 | BC Hydro connections for perimeter trail lighting

B10 | Public Washroom at Alderbridge Way parking lot

B13 | Site Furniture

B11 | No. 4 Road Lay-By parking pockets

B14 | Culverts over drainage features

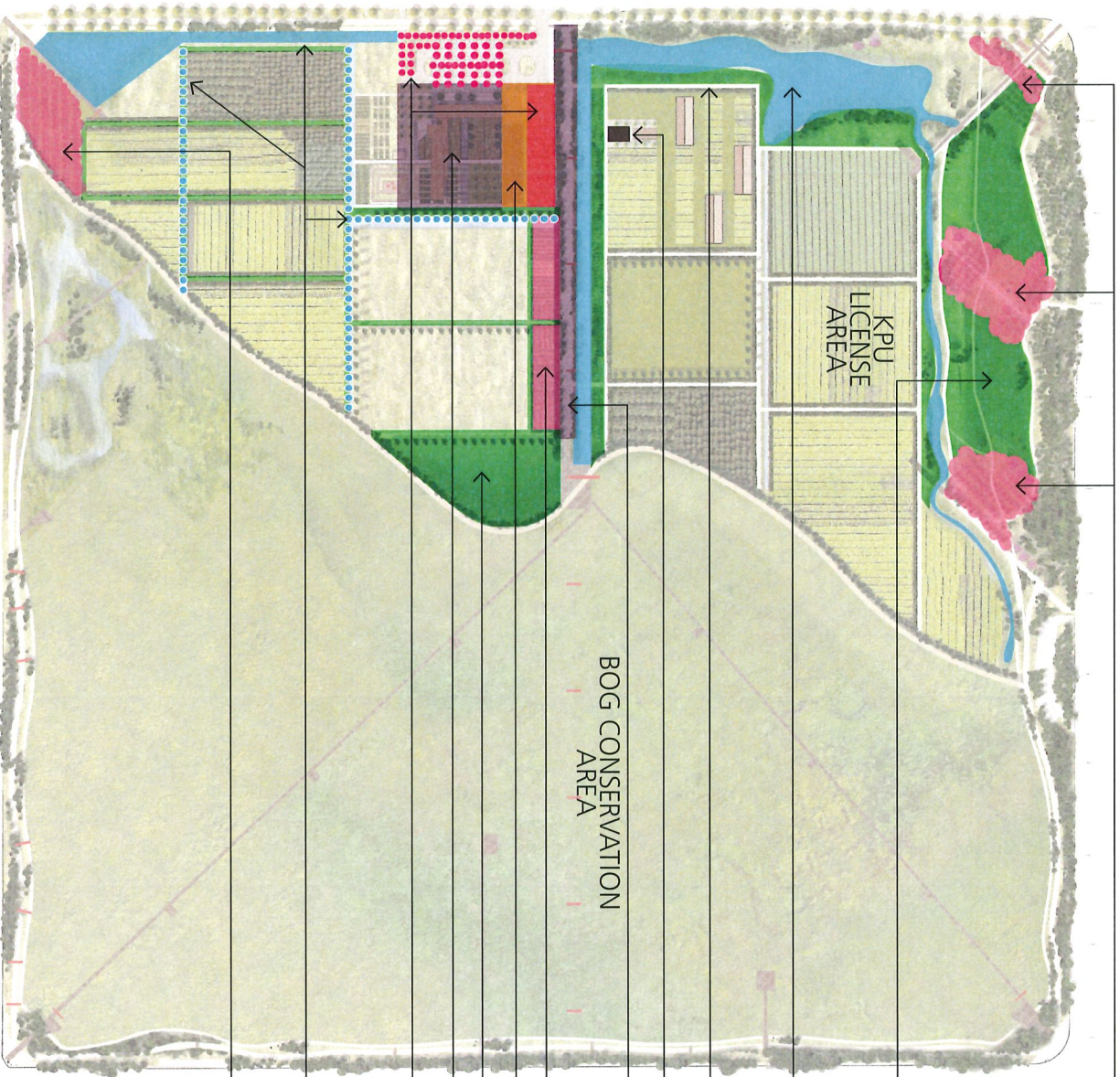
B15 | Bog Conservation Area

B12 | BC Hydro connections for perimeter trail lighting

LEGEND

Please note: Symbols shown on the site plan are for illustrative purposes only and are not drawn to scale

- B9 | Parking lot off Alderbridge Way
- B10 | Public restroom at Alderbridge lot
- B11 | No. 4 Road lay-by parking pockets
- B12 | BC Hydro connections for perimeter trail light
- B13 | Site Furniture
- B14 | Bridges over drainage features
- B15 | Bog Conservation Area



C19 | Orchards + Berry production

C18 | Planting + landscaping

C20 | Drainage Infrastructure

C18 | Planting + landscaping

C21 | Research Farm Barn

C17 | Public event space

C19 | Orchards + berry production

C16 | Farmers Market

C18 | Planting + landscaping

C17 | Public event space

C19 | Orchards + berry production

C20 | Drainage Infrastructure

C19 | Orchards + berry production

LEGEND

Please note: Symbols shown on the site plan are for illustrative purposes only and are not drawn to scale

- C16 | Farmers Market
- C17 | Public Event Space
- C18 | Planting + Landscaping
- C19 | Orchards + Berry production
- C20 | Drainage Infrastructure



LEGEND

Please note: Symbols shown on the site plan are for illustrative purposes only and are not drawn to scale

-  C21 | KPU Farm Education + Research Centre
-  C22 | KPU Orchards + Berries
-  C23 | KPU Field Crop production
-  C24 | KPU Water connection



C28 | Potential livestock production

C27 | Community Gardens

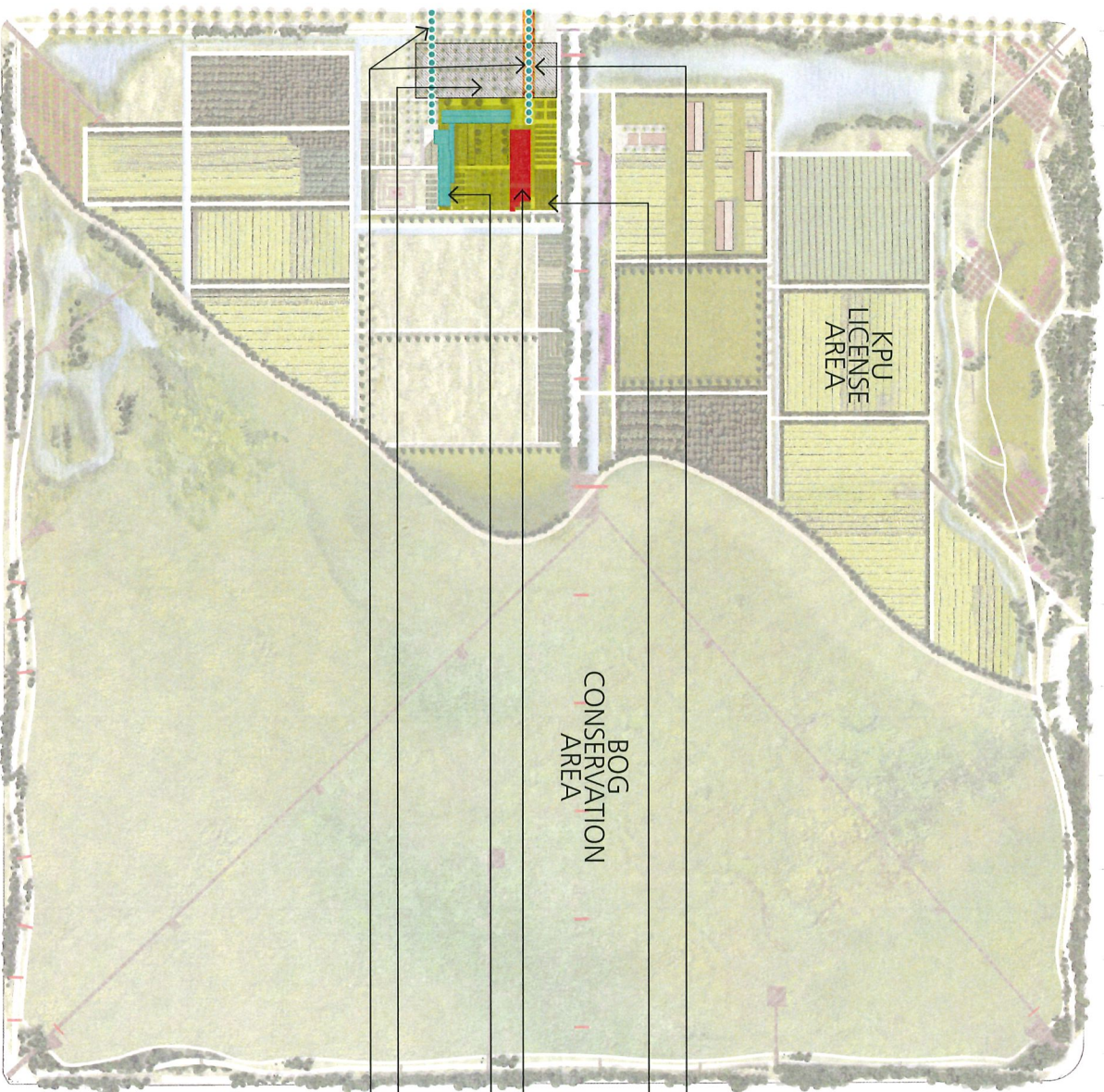
C26 | Field Crop production

C25 | Soil Deposition (Farm Fields)

LEGEND

Please note: Symbols shown on the site plan are for illustrative purposes only and are not drawn to scale

-  C25 | Soil Deposition (Farm Fields)
-  C26 | Farm Crop production
-  C27 | Community Gardens
-  C28 | Livestock production



- D30 | Municipal Services (to Barn)
- D31 | Outdoor work spaces
- D29 | Barn
- D32 | Interpretive Centre
- D34 | Parking lot
- D33 | Municipal Services (to Interpretive Centre)

LEGEND

Please note: Symbols shown on the site plan are for illustrative purposes only and are not drawn to scale

- D29 | Barn
- D30 | Municipal Services (to Barn)
- D31 | Outdoor Workspaces
- D32 | Interpretive Centre
- D33 | Municipal Services (to Interpretive Centre)
- D34 | Interpretive Centre parking lot

Garden City Lands Proposed Fill Volumes⁵

		Area (m ²)	Pre-Load ¹	Granular Material ²	Sub-Soil ³	Top Soil/Growing Medium ⁴
1	Community Gardens (Farm-Use)	3,000	n/a	n/a	1,500	1,500
	Approval Matrix Reference: Line C26					
2	Alderbridge Parking Lot (Non-Farm Use-NFU)	3,200	n/a	1,000	n/a	n/a
	Approval Matrix Reference: Line B9					
3	Corner Entry Points (NFU)	1,000	n/a	500	n/a	200
	Approval Matrix Reference: Line A4					
4	Trails (NFU)	10,500	n/a	2,000	n/a	n/a
	Approval Matrix Reference: Line A1					
5	Washroom (Alderbridge P lot) (NFU)	50	70	500	n/a	n/a
	Approval Matrix Reference: Line B10					
6	Community Hub & Farm Centre (NFU)	6,200	1,100	1,200	n/a	n/a
	Approval Matrix Reference: Line D31 & D33					
	Sub-Total:	23,950 (2.4 ha)	1,170	5,200	1,500	1,700

Notes:

1. The volume and duration of pre-load material (to be placed prior to the construction of permanent site improvements) are gross estimates to be confirmed prior to construction. **The pre-load material is temporary and will be removed from site.**
2. Granular Material is defined as sand or native crushed stone material for the purposes of constructing a compacted, permeable, stable and, if required, removable surface suitable for driving vehicles (cars, municipal services vehicles and farm equipment), parking said vehicles, pedestrians (rolling and foot traffic) and cyclists.
3. Sub-soil material to provide a stable base for site improvements. Material to be well drained.
4. Top soil imported from either commercial soil providers and/or imported from other source sites. Material to meet the soil specification for the Garden City Lands (previously provided to the ALC).
5. Volumes provided are the estimated maximum required. All material measured in cubic meters (m³). The type of fill and, where applicable, the duration of placement to be determined by a qualified engineering professional.



#300 – 15300 Croydon Drive
Surrey BC
V3S 0Z5

Date: December 19, 2017

Attn: Alex Kurnicki

From: Bruce McTavish

Re: Source Soil Management

This memo outlines the steps to take place when soil is sourced for transport and deposit at the Garden City project.

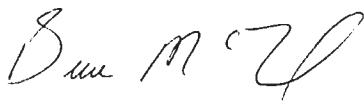
The soil for the Garden City must adhere to the ALC guidelines for soil and the BC Contaminated Site Regulations (BCCSR) – Schedule 4 for Agricultural Lands.

The owner or contractor of the source soil will need to provide a Phase 1 Environmental Assessment.

When a source of soil has been identified, the following steps will be taken:

- 1) On behalf of the City of Richmond, an Agrologist with expertise in soil science and soil handling will review available documentation including a Phase I Site Investigation (environmental assessment) report for the site from which the soil originates.
- 2) The Agrologist must visit the source site and evaluate the soil for suitability as fill on the Garden City lands, and report on whether and how conditions of the ALC for soil will be met. This evaluation starts with on site visual observations of the site and the soil. Based on the observations and review the Agrologist can:
 - a. Reject the soil
 - b. Approve the soil and then
 - c. Proceed with a soil investigation program, including sampling and sample analysis.
 - d. Ensure that soil meets the KPU specification attached to ALC decision 56119
- 3) The Agrologist must prepare a protocol for the soil handling before transportation of the soil to the Garden City Lands. The protocol will be site specific and include:
 - a. Supervision of soil handling
 - b. Separation and set aside of topsoil
 - c. Separate transport of topsoil and other soil to the Garden City property
 - d. Placement of soil and topsoil to mimic the original profile, and
 - e. Monitoring of stoniness
 - f. Monitoring of non-soil inclusions such as asphalt and concrete and procedures for removal of such items.

The Agrologist may recommend that screening of the soil to remove inclusions takes place before transport of the soil to the Garden City property.

A handwritten signature in black ink, appearing to read "Bruce McTavish". The signature is fluid and cursive, with the first name "Bruce" written in a larger, more prominent script than the last name "McTavish".

Bruce McTavish MSc MBA PAg RPBio
Senior Agrologist



Food Security and Agricultural Advisory Committee (FSAAC)

Held Thursday, February 24, 2022 (7:00 pm)

Members: Laura Gillanders (Chair); Mike Bomford; Sarah Drewery; Ian Lai; Lynn Kemper; Cory May; Allen Rose

Non-Members: Councillor Harold Steves (Council Liaison); Steven De Sousa (Policy Planning); Diana Nikolic (Policy Planning); Alex Kurnicki (Parks Programs); Magnus Sinclair (Parks Programs); Shannon Lambie (Agricultural Land Commission)

Regrets:

Members: Chris Pereira; Miles Smart

Non-Members: Jason Lussier (Ministry of Agriculture)

4. ALR Non-Farm Use Application – Garden City Lands

Alex Kurnicki, Manager, Parks Programs, introduced the ALR Non-Farm Use Application, provided a summary of the site history and previous approvals, and provided the following comments:

- The site has experienced significant flooding in areas outside of the Kwantlen Polytechnic University (KPU) farm;
- Soil is being placed on the Garden City Lands from a source site on No. 5 Road, consistent with previous ALC approvals;
- The community gardens area is being constructed and anticipated to officially open in the spring;
- The soil remediation study to investigate existing contamination is ongoing;
- A comprehensive non-farm use application is being submitted as requested by ALC staff to allow the remaining project components identified in the Garden City Lands master plan; and
- The project components may be scaled back in the future subject to changing conditions and Council priorities.

In response to questions from the Committee, Parks staff provided the following additional comments:

- The soil remediation study is still in the testing phase and has not yet proceeded to remediation;
- City and KPU operations are currently utilizing solar power and water conservation methods;
- Required safety services will be installed in both City and KPU facilities; and
- Proposed lighting will be scaled back and focused around major and minor entry points.

In accordance with the FSAAC Terms of Reference, Committee Member Ian Lai declared to be in a conflict of interest with the subject application and recused himself from the meeting.

The Committee passed the following motion:

That the Food Security and Agricultural Advisory Committee support the Non-Farm Use Application at the Garden City Lands (AG 18-837641).

Carried Unanimously



City of Richmond

Report to Committee

To: Parks, Recreation and Cultural Services Committee
From: Marie Fenwick
Director, Arts, Culture and Heritage Services
Date: March 21, 2022
File: 11-7141-01/2022-Vol 01
Re: Museum and Heritage Services Year in Review 2021

Staff Recommendation

That the staff report titled, "Museum and Heritage Services Year in Review 2021," dated March 21, 2022, from the Director, Arts, Culture and Heritage Services, be circulated to Community Partners and Funders for their information.

CM Fenwick

Marie Fenwick
Director, Arts, Culture and Heritage Services
(604-276-4288)

Att. 7

REPORT CONCURRENCE		
ROUTED TO:	CONCURRENCE	CONCURRENCE OF GENERAL MANAGER
City Clerk	<input checked="" type="checkbox"/>	<i>Severance</i>
Facility Services & Project Development	<input checked="" type="checkbox"/>	
SENIOR STAFF REPORT REVIEW	INITIALS: <i>MF</i>	APPROVED BY CAO <i>[Signature]</i>

Staff Report

Origin

On June 11, 2007, Council approved the following vision for Museum and Heritage Services: Richmond is a city that proudly celebrates its past, present and future. The City's museum and heritage services policies will interpret the unique and dynamic story of where Richmond came from, where it is now, and how it will develop into the future.

This Museum and Heritage Services Year in Review 2021 highlights the achievements from the past year that helped to achieve this vision.

This report supports Council's Strategic Plan 2018-2022 Strategy #6 Strategic and Well-Planned Growth:

6.4 Recognize Richmond's history and heritage through preservation, protection and interpretation.

Analysis

Impact of COVID-19 Pandemic

2021 continued to require creativity and perseverance while adapting to the second year of the COVID-19 pandemic. Learning from the experiences of 2020, staff were able to safely keep sites open to public, offer excellent program opportunities, and preserve Richmond's heritage. The table below identifies the 2021 hours of operation and visitation levels for the City's museum and heritage sites.

Site	Hours of Operation	2021 Visitation
Britannia Shipyards	Site open all year with limited hours	37,249
London Farm	Park remained open all year, Farmhouse open summer and special events	864 visitors to the house
Minoru Chapel	Year round	65 ceremonies
Richmond Museum	Year round regular hours	44,758
Steveston Museum and Post Office	Post office open year round, Japanese Fishermen's Benevolent Society building re-opened July 3, 2021	21,140
Steveston Tram	Re-opened September 9, 2021	4,686

Three facilities were re-opened during 2021. The Japanese Fishermen's Benevolent Society building was re-opened to public in July. During the summer, staff were available to facilitate guest experiences with public access continuing to be available through the Northern Bank building in the following months. The London Farm house was also re-opened for the summer season with staff facilitating public experiences and the Society operating the gift shop. In September the Steveston Tram re-opened, welcoming back families and children to refreshed displays illustrating the fascinating stories of the people who rode the Tram.

It is expected that this level of service at the heritage sites will be maintained or increased, providing COVID-19 health restrictions allow.

Programs

2021 saw the continuation of a number of popular programs and the introduction of new programs for all ages. Youth programming continued to focus on outdoor experiences. The Richmond Museum offered its popular Young Archaeologists summer camp at London Farm for over 100 children throughout the summer, adding more weeks to accommodate demand from the community. Britannia Shipyards developed a popular new children's activity guide giving children and families a way to safely engage with the site. (Attachment 1)

During 2021, two exciting new public tours were developed. A particular highlight for Britannia Shipyards was the introduction of a boat tour on the Fraser River. Departing from Shipyards docks, the Gikumi heritage working boat took passengers on a relaxing three hour tour up the river providing information about the history of Richmond and Delta along the way. Tours were offered in August and September, with 131 people participating.

Complementing the two tours created in 2020, the Richmond Museum's new self-guided walking tour of Sea Island offers participants a glimpse of the fascinating past of Burkeville and the Vancouver airport. (Attachment 2)

It was back to in-person programming for the month-long Culture Days celebrations. Visitors to London Farm discovered tastes, sounds and smells of Richmond's agrarian history during three multisensory tours of the gardens and grounds. Throughout the month, visitors enjoyed site tours at Britannia Shipyards and uncovered Tram Car 1220's history in a scavenger hunt challenge at the Steveston Tram.

In December, the heritage sites helped activate Steveston as part of Winter in the Village. Beautiful light displays brought the heritage sites to life, while holiday programming created opportunities for locals and visitors to enjoy Steveston. New for 2021 was the "Winter on the Waterfront" tour of Britannia Shipyards which combined local history and traditional music for an atmospheric journey into the past. At London Farm, a holiday tea offered by the London Heritage Farm Society and holiday baking workshop brought spirit to the house. Community members also once again enjoyed the Steveston Historical Society's "Songs in the Snow" offered online.

Education kits remained popular while field trips were not available during 2021. In addition to the nine kits available through the Richmond Museum, two new kits were created to tell the stories of Steveston to primary students. "Sockeye Special Stories" explores the Interurban Tram stories through creative play. "Steveston Stories: How One Person Can Make a Difference" offers students an opportunity to explore the history of the citizens in Steveston who contributed to their community. In addition to offering kits, the Richmond Museum coordinated a virtual Regional Heritage Fair for a number of local schools, helping students showcase their excellent projects and to compete in the provincial fair.

Events

Despite the challenges of the pandemic, a number of events were successfully delivered in-person and online. London Heritage Farm Society's Plant Sale and Winter in the Village were offered in person, with strong attendance for each event.

The 14th edition of Doors Open Richmond featured 35 partner sites and organizations that contributed more than 225 experiences through social media platforms using #DoorsOpenRichmond. The successful event was held June 5 to 12 with over 160,000 views and 25,000 interactions with the digital content created. (Attachment 3) In 2021, efforts were made to increase the representation of groups that showcase Richmond's diversity and help promote civic understanding. These efforts and the online delivery model allowed the following new organizations to participate:

- Anar Persian Cuisine;
- Fairchild Radio and Television;
- Connections Community Services, Indigenous Led Outreach and Support Program;
- City of Richmond Road Naming; and
- Steveston Harbour Authority.

With support from the Richmond Arts Coalition and Britannia Shipyards National Historic Site Society, the 18th annual Richmond Maritime Festival was re-imagined for 2021. The event program included maritime-themed décor and installations throughout the site; roving performances; "pop-up" style heritage storytellers; five food trucks; and 10 wooden and working boats along the dock. (Attachment 4) Participation highlights include:

- In-person attendance is estimated at 9,000 visitors over two days;
- Pre-registered timeslots to enter the Seine Net Loft, docks and Britannia Shipyards building were fully subscribed within a few days;
- More than 60 artists, performers and heritage storytellers contributed to the online and on site programming; and
- Approximately 70 volunteers contributed over 360 hours to deliver the event.

Exhibits

A number of new exhibits and displays were opened in 2021.

The Richmond Museum launched the newest feature exhibit *Reinventing Richmond*, which explores how the city's identity has changed over time. Interactive elements include meeting Lulu Sweet, playing a Richmond-based game of chutes and ladders, brainstorming new city slogans, and designing new neighbourhood flags.

Britannia Shipyards re-opened the Richmond Boat Builders building with a new exhibit illustrating boatbuilding techniques and telling the story of Japanese boatbuilding in Steveston.

Branscombe House was updated with a display about the family and their home that greets visitors as they arrive.

Heritage Conservation

Heritage conservation work continued throughout the year with two significant projects completed at London Farm. First, the house got a face-lift with the restoration of the building envelop including a new roof, structural upgrades, siding repairs and painting. Secondly, staff worked with the London Heritage Farm Society to complete a review of their collection, determining which items will be brought into the City's collection. This work will help inform future displays at the site and ensure that important artefacts are well cared for. (Attachment 5)

The City's artefact collections had a busy 2021, with 43 donors who donating 994 artefacts. Highlights included 664 objects from the London Heritage Farm Society, memorial objects given in memory of children lost through the residential school system, a large collection from a local Ukrainian Family, and RCMP uniforms.

Planning for the Future

Planning for future programs and interpretation continued, building on the work begun in 2020. Projects included:

- Steveston Heritage Sites Interpretive Plan – A draft Framework was brought to Council for preliminary endorsement.
- Steveston Museum Visitor Experience Planning – A new plan for operations at the Steveston Museum and Post Office was developed in collaboration with the Steveston Historical Society and approved by Council in November 2021.
- London Heritage Farm Master Plan – In February 2021, Council endorsed the new Master Plan for London Farm developed in 2020, and capital planning took place during the remaining months. Funding for Phase 1 of this work was approved by Council as part of the 2022 budget process.
- Destination Development - A new Destination Development Plan for the Steveston heritage sites was produced identifying actions to establish the heritage sites as important contributors to Steveston's tourism industry. To support some of the actions a Temporary Full Time Destination Development Coordinator was hired with funding from the Municipal and Regional District Tax (MRDT).

Grant Funding

In addition to ongoing grant programs, as a result of the pandemic, provincial and federal governments offered new grant programs. Richmond's museum and heritage sites benefitted from these opportunities with the following grants:

- The Richmond Museum Society received the annual BC Arts Council operating grant of \$30,000. Additionally, the Richmond Museum Society received \$50,000 in funding from the BC Arts Council Pivot grant program to support the creation of a new interactive website for the Richmond Museum.
- The Richmond Museum Society received \$25,000 from the Department of Canadian Heritage to support the delivery of the Doors Open Richmond event.
- The City received a \$100,000 grant from the Department of Canadian Heritage Museums Assistance program Re-Opening Fund. The funding is supporting ongoing operational needs across Museum and Heritage Services including the implementation of interpretive projects at London Farm, Steveston Tram, and the Steveston Museum.

- The city received a \$77,000 grant from the Department of Canadian Heritage Canada Cultural Space fund to support the refit of the Steveston Museum to enable the delivery of new cultural programming in this space.
- Museum and heritage sites also benefitted from the contributions of six summer students supported by the Canada Summer Jobs program and Department of Canadian Heritage Young Canada Works program through the Richmond Museum Society, Britannia Shipyards National Historic Site Society and London Heritage Farm Society.

Community Stakeholder Initiatives and Volunteer Engagement

2021 was marked by the tragic announcement of a number of unmarked graves of school children at former residential school sites across the county. To honour the children found at the Kamloops Residential School, the Richmond community created a memorial in the Cultural Centre Plaza. Staff supported this effort by working with community members and Musqueam elders to ensure the items left in memory of the lost children were properly cared for, including saving some for future display.

Although the pandemic continued to restrict the ability to work with volunteers, museum and heritage sites still benefited greatly from the support of individuals from the community. The volunteer hours outlined in the table below, illustrates this commitment.

Site	Volunteer Hours
Britannia Shipyards	1,797
London Farm	2,118
Steveston Museum and Post Office	84
Steveston Tram	27
Richmond Museum	174
TOTAL	4,200

City of Richmond Archives – City Clerk’s Office

The City of Richmond Archives is the official repository for City records. The Archives also acquires records through donation from individuals, families, organizations and companies. The Archives’ holdings include approximately one kilometre of textual records, 170,000 photographs, 20,000 maps and plans and over 500 sound and moving image recordings. In 2021, the Archives acquired 44 new donations of records.

With over 400 research requests in 2021, the people who use the Archives continue to have a wide variety of research interests and needs. This included City staff, local businesses, community groups, environmental and property researchers, public artists, writers, filmmakers, university and high school students, and family historians. The results of this research can be seen in staff reports to Council, presentations, exhibits, displays, magazines, newspapers, and TV programs. (Attachment 6)

The Archives' web pages and online database on the City of Richmond website also continue to be important 24/7 sources of information. In 2021, 700 photographs from the City's Production Centre was added to the online database.

The Friends of the Richmond Archives continue to support and promote the work of the City of Richmond Archives. Whether it is through their social media channels or presentations, the Friends are a dedicated group of volunteers who make a difference in our community and assist the Archives in meeting our mandate of making records accessible to all.

Gulf of Georgia Cannery

Located in Steveston, the Gulf of Georgia Cannery National Historic Site is operated by the Gulf of Georgia Cannery Society on behalf of Parks Canada. The Society's mission is to honour the importance of Canada's West Coast fishing history by sharing stories of the fishing industry and fishing communities through exhibitions, collections, and programs, and events.

To support this mission in 2021, a number of initiatives were undertaken. A new feature exhibit, *Waves of Innovation: Stories from the West Coast* was created to showcase how many of the important innovations in the fishing industry impacted the people involved in both negative and positive ways. A new partnership with UBC's Initiative for Student Teaching and Research in Chinese Canadian Studies was forged and resulted in a new community-based story telling project called Fish Tales. The spooky, sustainability-themed installation The Haunted Sea returned to the Cannery once again for the month of October. (Attachment 7)

Financial Impact

None.

Conclusion

Richmond is a city that proudly celebrates its past, present and future. The Museum and Heritage Services Year in Review demonstrates the valuable contribution that these services provide to the community.



Rebecca Clarke
Manager, Museum and Heritage Services
(604-247-8330)

Attachment 1: Britannia Shipyards Activity Guide Cover
Attachment 2: Sea Island Walking Tour
Attachment 3: Doors Open Richmond Social Media Post
Attachment 4: Photo – Richmond Maritime Festival
Attachment 5: Photo – London Farm Society collection review
Attachment 6: Photo – Researcher in the Archives Reference Room
Attachment 7: Photo – Waves of Innovation exhibit

Britannia Shipyards Activity Guide Cover



Sea Island Walking Tour



richmond
museum



VANCOUVER
CONVENTION
CENTRE



BRITISH COLUMBIA
MUSEUM



Doors Open Richmond Social Media Post

**Richmond Museum**

June 10, 2021 · 🌐



■ **#DoorsOpenRichmond:** Local business owner Tila Akhavan takes foodies on a tour of **Anar Persian Cuisine**, a family-run restaurant serving traditional Iranian dishes. Learn how each well-balanced meal offers a combination of protein and fresh vegetables, and a variety of flavourful spices that lend to colourful plates. Try out Tila's favourites next time you visit, which include the Loghmeh Kabob, a skewer of beef and lamb served with rice and roasted tomatoes.



YOUTUBE.COM

Doors Open Richmond 2021: Anar Persian Cuisine

Tila Akhavan, owner of Anar Persian Cuisine, share how popular Per...



117

5 Comments 7 Shares

Photo – Richmond Maritime Festival



Photo – London Farm Society collection review



Researcher in the Archives Reference Room



Photo – Waves of Innovation exhibit





City of Richmond

Report to Committee

To: Parks, Recreation and Cultural Services
Committee

Date: March 24, 2022

From: Todd Gross
Director, Parks Services

File: 11-7000-01/2022-Vol
01

Re: Sturgeon Bank Eco Walkway

Staff Recommendation

That the staff report titled "Sturgeon Bank Eco Walkway" dated March 24, 2022, from the Director, Parks Services, be received for information.

Todd Gross
Director, Parks Services
(604-247-4942)

Att. 4

REPORT CONCURRENCE		
ROUTED TO:	CONCURRENCE	CONCURRENCE OF GENERAL MANAGER
Engineering Sustainability & District Energy	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	
SENIOR STAFF REPORT REVIEW	INITIALS: 	APPROVED BY CAO

Staff Report

Origin

At the Parks, Recreation, and Cultural Services Committee meeting on November 26, 2019, discussion ensued with regards to constructing an ecology walkway along Sturgeon Bank, and information on the proposed walkway was distributed (Attachment 1). As a result of the discussion, staff received the following referral:

That the City of Richmond consider building an Eco Walkway out over Sturgeon Bank. A walkway was previously recommended straight out from the West Dyke but the land was crown owned. A smaller walkway was approved in the Richmond Trails Plan in 1979. Richmond now owns the foreshore at Terra Nova.

The purpose of this report is to provide Council an overview of the technical information regarding the creation of an ecology walkway out over Sturgeon Bank, its requirements and procedure, an analysis of its benefits and risks, and to propose next next steps.

This report supports Council's Strategic Plan 2018-2022 Strategy #4 An Active and Thriving Richmond:

An active and thriving community characterized by diverse social and wellness programs, services and spaces that foster health and well-being for all.

4.2 Ensure infrastructure meets changing community needs, current trends and best practices.

4.3 Encourage wellness and connection to nature through a network of open spaces.

This report supports Council's Strategic Plan 2018-2022 Strategy #5 Sound Financial Management:

Accountable, transparent, and responsible financial management that supports the needs of the community into the future.

5.4 Work cooperatively and respectfully with all levels of government and stakeholders while advocating for the best interests of Richmond.

This report supports Council's Strategic Plan 2018-2022 Strategy #6 Strategic and Well-Planned Growth:

Leadership in effective and sustainable growth that supports Richmond's physical and social needs.

6.4 Recognize Richmond's history and heritage through preservation, protection and interpretation.

Analysis

Location and Site Context

Terra Nova Park is located in the Thompson Neighbourhood of Richmond, BC. It is situated in the northwest corner of the Lulu Island where the Middle Arm of the Fraser River meets the Strait of Georgia (Attachments 2 and 3). Consisting of the 63-acre Terra Nova Rural Park (TNRP) and the 34-acre Terra Nova Natural Area (TNNA), the location offers immersive natural experiences, walks among farms and gardens, and views stretching across the Gulf of Georgia to Vancouver Island, north to Howe Sound and the city of Vancouver, the Coast Mountains, and the Vancouver International Airport.

Located along the Pacific Flyway and adjacent to the Sturgeon Bank Wildlife Management Area including the Grauer Lands, the park counts large numbers of migratory birds among its fauna and is a significant ecological site. Surrounding the northern and western boundaries of TNRP, the west dike and its recreational trail offers panoramic views to the west of the ocean while providing flood protection as part of the City's dike system.

Due to its physical, historical, cultural and environmental value, Terra Nova has become an important recreational and contemplative experience for Richmond's residents, as well as visitors from other communities. In recognition of this important landscape, the Terra Nova section of the Official Community Plan (OCP) has policies to preserve and enhance the western open space along the perimeter dike, as natural habitat. It also recommends that special views such as of the mountains or waterfront, should be taken advantage of where possible.

The Terra Nova Rural Park Concept Plan

TNRP is the result of a long history of community engagement starting with its roots in the late 1980s of saving former farm land for park purposes. In 1996, a referendum item was held approving the acquisition and development of the TNRP. In 2004, the City of Richmond (the City) developed a master plan for TNRP, which is roughly defined by the north half of the Terra Nova Park area. After an extensive public process, the Terra Nova Rural Park Concept Plan (the "Plan") was adopted by Council in 2004 as the long term vision for the park:

"to preserve the unique rural character while providing a balance between agricultural heritage, wildlife conservation, and recreational uses."

The Plan set a wide range of goals in the aspects of Heritage, Agriculture, Ecology and Recreation. Within its recreation goals, the Plan suggested to create a connection from the slough to the Fraser River, with a boardwalk and interpretative signage/educational boards to identify natural and wildlife species that exist at the location, and a two-level lookout structure along the dike trail that offers extensive views of the Fraser River. Since Council adoption of the Plan, the phased implementation of the park has been realized over the years with various adjustments according to site conditions and opportunities.

At the Parks, Recreation, and Cultural Services (PRCS) Committee meeting on November 26, 2019, a delegate came forward and presented an idea to construct an eco walkway along Sturgeon Bank and its potential educational attributes and benefits (Attachment 1). An 'eco

walkway’ can be interpreted as an ecology walkway, connecting people and nature by an immersive experience through interaction with their environment and its ecosystem. The presented idea of an eco walkway was different from the Council adopted TNRP Concept Plan in 2004.

Boardwalk Proposal

The 2004 TNRP Concept Plan includes two (2) boardwalks along Sturgeon Bank: one that is north of the Cannery Store, a heritage interpretation element, located where the cannery was previously located, labeled “Cannery Wharf Boardwalk”; and another boardwalk located at the northwest tip of the Terra Nova Park area, labeled “Boardwalk along dyke edge,” with an optional “Potential Marsh Boardwalk” (Attachment 4).

As discussed at the November 26, 2019, PRCS Committee meeting, an ecology walkway in the form of a boardwalk protruding into the tidal marsh area outside the dike has a number of benefits, such as:

- An excellent educational tool to inform visitors of the flora and fauna found on the Sturgeon Bank by being physically present in the tidal marsh environment;
- Educational boards could be posted along the walkway to identify natural and wildlife species that exist at the location;
- It could become a new learning experience for school groups;
- An associated lookout structure could be constructed with the boardwalk for an elevated view of the surrounding environment; and
- The ecology walkway would become a new tourist attraction for visiting Richmond.

While there are numerous successful examples of boardwalk structures along the waterfront, this location along the Fraser River and Sturgeon Bank is unique and presents a number of specific challenges.

Ecological Value and Conservation

At the intersection of the Fraser River and Sturgeon Bank, this site has significant current ecological value, including three terrestrial plant communities and eight wetland plant communities. New construction of public access beyond the dike has the potential to present a negative impact on sensitive vegetation, wildlife and remnant natural topography.

Metro Vancouver’s Ecological Health Framework includes a vision of ‘a beautiful, healthy, and resilient environment for current and future generations.’ The Framework provides guiding principles, goals, and strategies to help achieve this vision. A key supporting component of the Framework is the Metro Vancouver commissioned Sensitive Ecosystem Inventory. The Sensitive Ecosystem Inventory has a key goal of “protecting endangered wetlands.” As this location offers a rare opportunity to both directly expand the Green Infrastructure Network and preserve the significant ecosystem services provided by the wetland, minimizing intervention into the habitat area complements the goals and intent of the Ecological Health Framework.

Permitting Requirements and Environmental Considerations and Challenges

The ecology walkway proposal would require significant time and effort to secure permits and application approvals with multiple senior government agencies and regulatory bodies, including:

- The Department of Fisheries and Oceans (DFO) on the Federal Fisheries Act;
- Ministry of Forests, Lands, Natural Resource Operations & Rural Development (FLNRORD) on the provincial Water Sustainability Act;
- First Nations consultation on land and resource decisions that could impact their Indigenous Interests;
- The provincial Inspector of Dikes on the provincial Dike Maintenance Act;
- Environment and Climate Change Canada for the environmental and sustainability review; and
- Transport Canada.

A portion of the area is designated “Red” under DFO’s Habitat Classification. This “Red” designation is considered high-growth habitat/vegetation within federal and provincial environmental regulations. This condition would create a very challenging approval process to attain permission from DFO and FLNRORD. As the City is proposing a recreation use asset on a red zone (albeit it could also be for educational purposes), this would also require habitat compensation elsewhere if it was approved.

Synergy on Efficient Project Management

The 2022-2024 departmental work plan includes the development of a Terra Nova Heritage Precinct Plan (the “Study”). This Study will investigate the site’s heritage and natural attributes and provides a unique opportunity to include the ecology walkway. Once the Study is complete, staff will present a report to Council seeking endorsement of its findings and recommendations. As such, staff recommend that the procurement for detailed design of any ecology walkway be scheduled after the conclusion of the Study. The coordinated study will maximize the cost effectiveness of both projects.

The following are associated elements with similar objectives of an ecology walkway:

- Public education and passive recreation opportunities: interpretive signage along West Dyke trail to educate the public about wildlife habitat that exists along the Sturgeon Bank; and
- Additional opportunities for passive recreational activities such as walking, hiking, and nature appreciation: while these amenities are already provided along the dike and within the immediately adjacent TNRP and TNNA, staff will continue to expand on additional passive recreational activities in the surrounding environment to enhance this goal.

These improvement ideas would be studied as part of the Terra Nova Heritage Precinct Plan. Subsequent to the conclusion of the Study, staff will bring forward any capital submission for the detailed design of any recommended improvements for Council consideration.

Financial Impact

None at this time.

Should Council direct staff to conduct detailed design of an ecology walkway at the conclusion of the Terra Nova Heritage Precinct Plan, staff will bring forward a capital submission for Council review and approval.

Conclusion

Terra Nova is a unique area in Richmond and an important ecological area. It also has excellent potential for historical interpretation and for recreational opportunities that respect the ecological, heritage and landscape character features and values. While human interventions have contributed to today's conditions, it is essential to prioritize conservation of the ecology of the site and maximize utilization of existing amenities available at the location. The upcoming Terra Nova Heritage Precinct Plan will provide findings and recommendations for the future of the Terra Nova Park including any potential ecology walkway to optimize efficiency in cost and project management.



Jason Chan, BCSLA, CSLA, LEED-AP
Manager, Parks Planning, Design and Construction
(604-233-3341)

- Att. 1: Schedule 3 to the Minutes of the Parks, Recreation & Cultural Services Committee meeting of Richmond City Council held on Tuesday, November 26, 2019
- 2: Site Context Map
 - 3: Terra Nova Rural Park
 - 4: Terra Nova Rural Park Concept Plan

Schedule 3 to the Minutes of the
Parks, Recreation & Cultural
Services Committee meeting of
Richmond City Council held on
Tuesday, November 26, 2019.

To: Parks Committee

From: Councillor Harold Steves

Date: Nov. 26, 2019

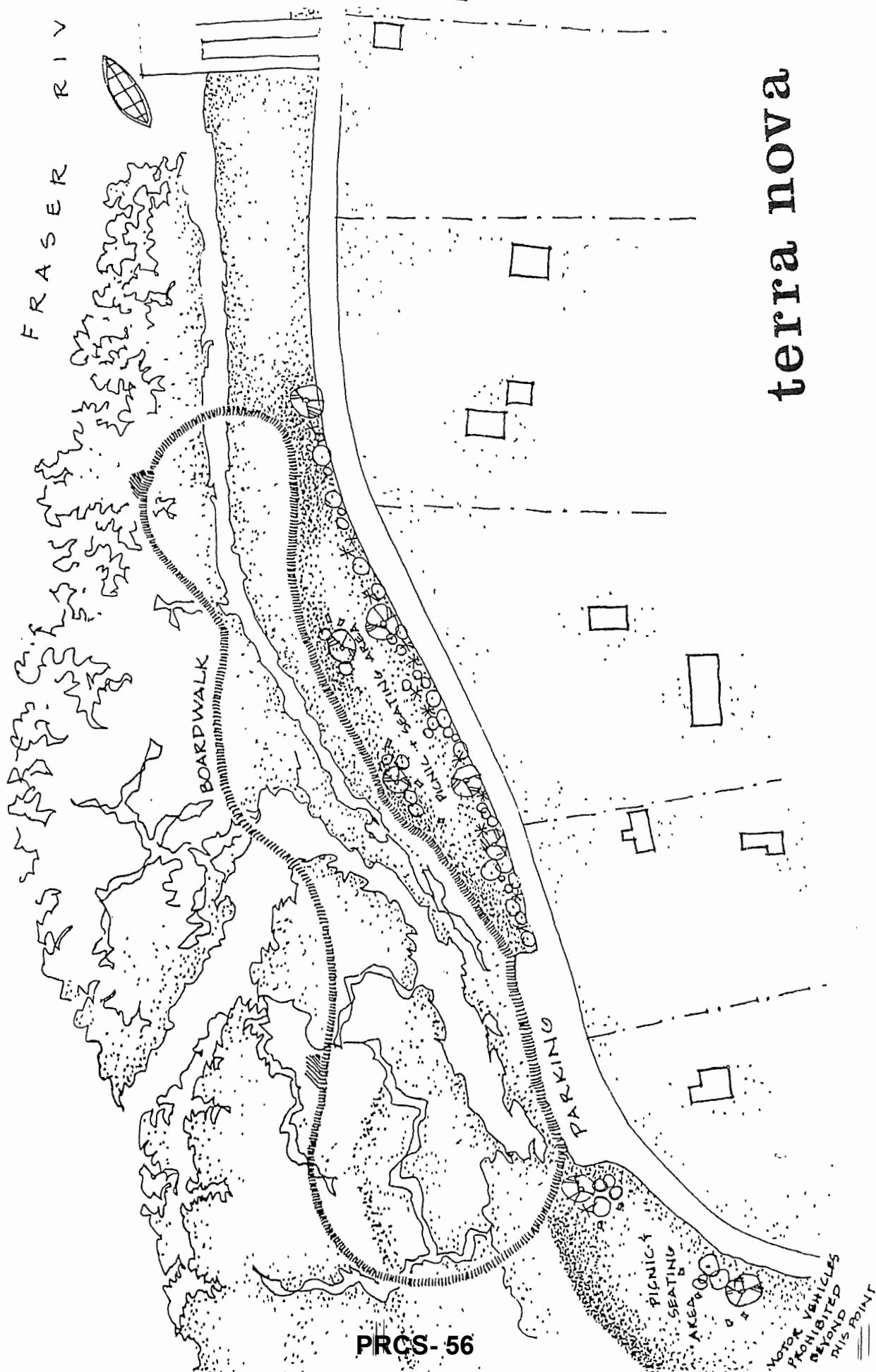
RE: Sturgeon Banks Eco Walkway

Recommendation:

That the City of Richmond consider building an Eco Walkway out over Sturgeon Banks. A walkway was previously recommended straight out from the West Dyke but the land was crown owned. A smaller walkway was approved in the Richmond Trails Plan in 1979. Richmond now owns the foreshore at Terra Nova.

A handwritten signature in black ink, appearing to read "Harold Steves", with a stylized flourish extending from the end.

Harold Steves, City councilor



Sturgeon Banks Eco Walkway

John L. Young <johnlyoung@shaw.ca>

Sat 2019-11-23 1:25 PM

Inbox

To: Steves, Harold <hsteves@richmond.ca>;

Dear Harold:

RE: The Sturgeon Banks Eco Walkway

Good talking to you this morning at the Awards Ceremony.

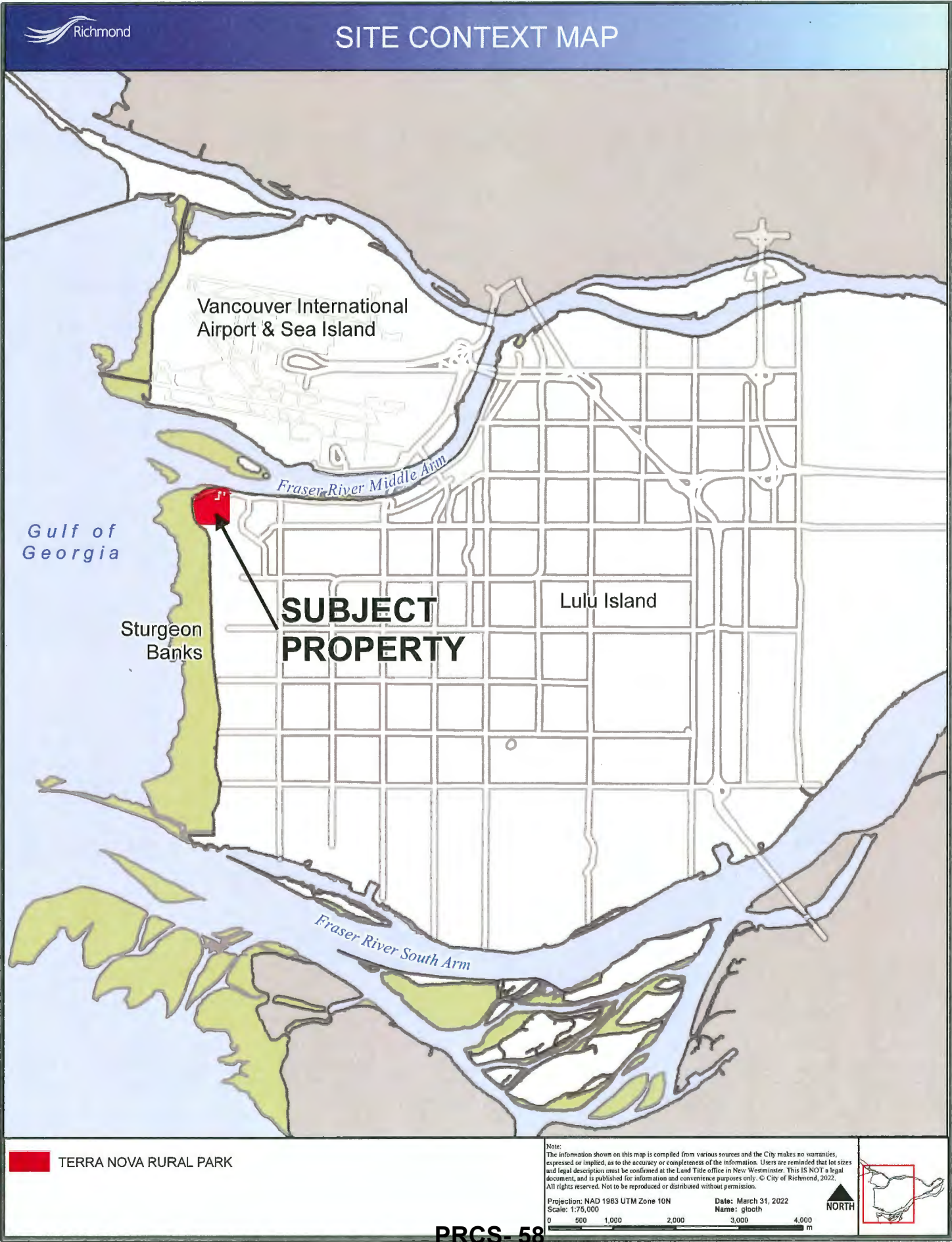
At one point we were discussing the idea of building an Eco Walkway or boardwalk out and back over Sturgeon Banks. This walkway would be an excellent educational tool to inform young and old about the flora and fauna found on the Banks. Along the walkway educational information boards could be posted describing and naming what can be seen and heard. Perhaps students could complete a teacher-made worksheet in order to focus their attention. Perhaps a small tower could be built at the far end of the boardwalk for a better view of the Banks, Vancouver Island and the North Shore mountains. As well, this boardwalk would be a great attraction for visitors to Richmond. Hopefully, financing could come from all three levels of government.

All the best,

Cheers,

John L. Young

7620 Barkerville Court
Richmond, BC V7A 1K9
Home: 604 274 6905





TERRA NOVA RURAL PARK

**SUBJECT
PROPERTY**

Fraser River Middle Arm

RIVER

MIDDLE ARM
DYKE TRAIL

WEST
DYKE
TRAIL

TERRA NOVA
RURAL PARK

TERRA NOVA

STURGEON
BANKS
NATURAL
AREA

WESTMINSTER

WEST
DYKE
TRAIL

TERRA NOVA
NATURAL AREA






GRAUER
LANDS

MUSGRAVE

PEARKES

TOLMIE

JOHNSON

- | | | | |
|--|----------------------------------|---|-----------------------|
|  | 2271 River Road, Privately-owned |  | TERRA NOVA RURAL PARK |
|  | Environmentally Sensitive Areas |  | Park Boundary |
|  | RMA 15m Buffer | | |

Note:
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Projection: NAD 1983 UTM Zone 10N
Scale: 1:4,000
Date: March 28, 2022
Name: glooth

NORTH



PRCS-59

