

Hamm Global Partner



Edith Moulton Park

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CITY OF KIRKLAND PARK BOARD

DECEMBER 11TH, 2013

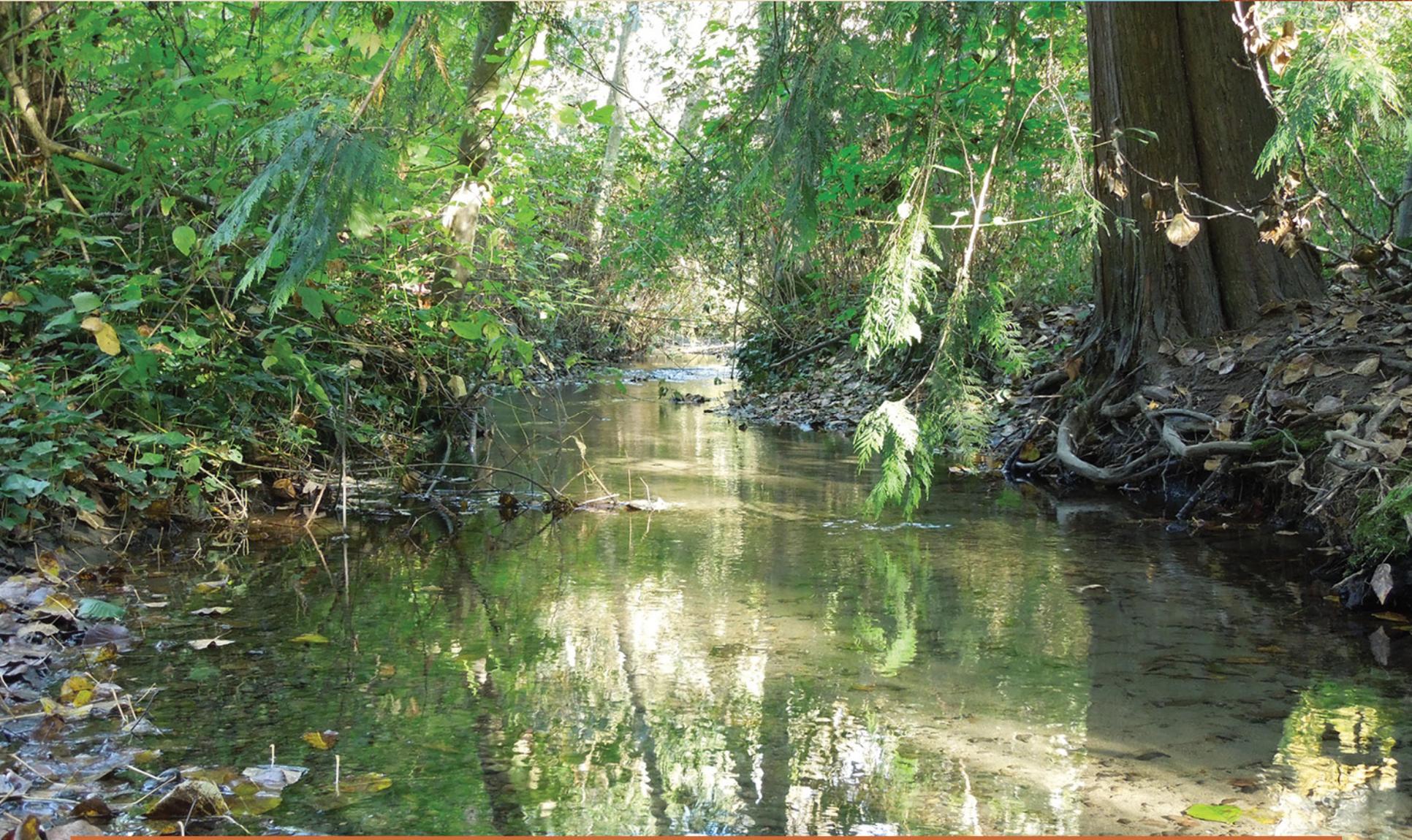
Introduction

- **Twenty-six acres**
- **108th Ave NE and NE 140th Street**
- **Jaunita HS, Helen Keller ES**
- **KC Parks**
- **Farmhouse burned in 60s**
- **90 % forested**
- **Juanita Creek and tributary**

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Juanita Creek

Background

- **King County Improvements**
- **Asphalt driveway and parking**
- **Great lawn**
- **Picnic Shelter**
- **Kiosk and interpretive sign**
- **Paved loop trail around lawn**



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Trees remaining from the old Moulton homestead

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Entry kiosk along 108th Ave NE

Background



Background

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Current Uses

- Neighbors – walk to park
 - Gravel parking strip
 - Trail Use!
 - Dogs
 - Small picnic shelter?
 - Stream biology schools
 - Volunteer trail improvements
-
- More uses – Community meeting

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Park visitor with dogs



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Parking along NE 108th Street

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Cars parked diagonally extending into the sidewalk



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Forest bordering the great lawn



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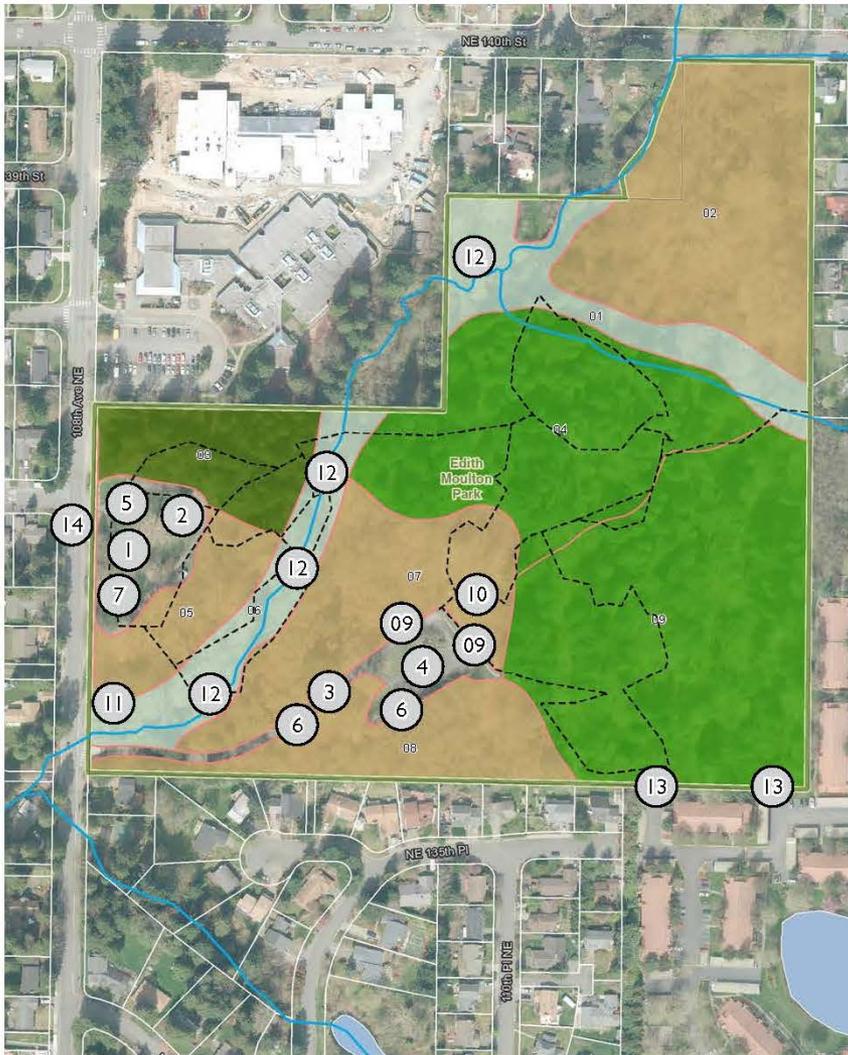
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Muddy trail crossing project

Site Characteristics

- **Vegetation**
- **Topography**
- **Soils**
- **Wetlands and Streams**

Existing Conditions



Existing Habitat Types *

- Conifer Forest
- Conifer-Deciduous Mixed Forest
- Deciduous Forest
- Riparian Forest
- Trails
- Juanita Creek and Tributary

Existing Features

- 1 Great Lawn
- 2 Iconic Cottonwood Tree
- 3 Degraded Asphalt Driveway
- 4 Degraded Asphalt Parking Area
- 5 Asphalt Paved Loop Trail
- 6 Rockery Retaining Walls
- 7 Entry Gateway with Sign, and Interpretive Panel
- 8 Small Picnic Shelter
- 9 Fruit/Nut Trees From Original Homestead
- 10 Original Homestead Site
- 11 Extensive Area of Himalayan Blackberries
- 12 Stream Bank Impacts from Foot Traffic
- 13 Informal Access Points
- 14 Gravel Parking Strip Along 108th Ave NE

* From Green Kirkland Partnership Mapping 11/6/2013

Vegetation



Vegetation



Vegetation



Vegetation





Creek downcutting near the NE 108th Street culvert

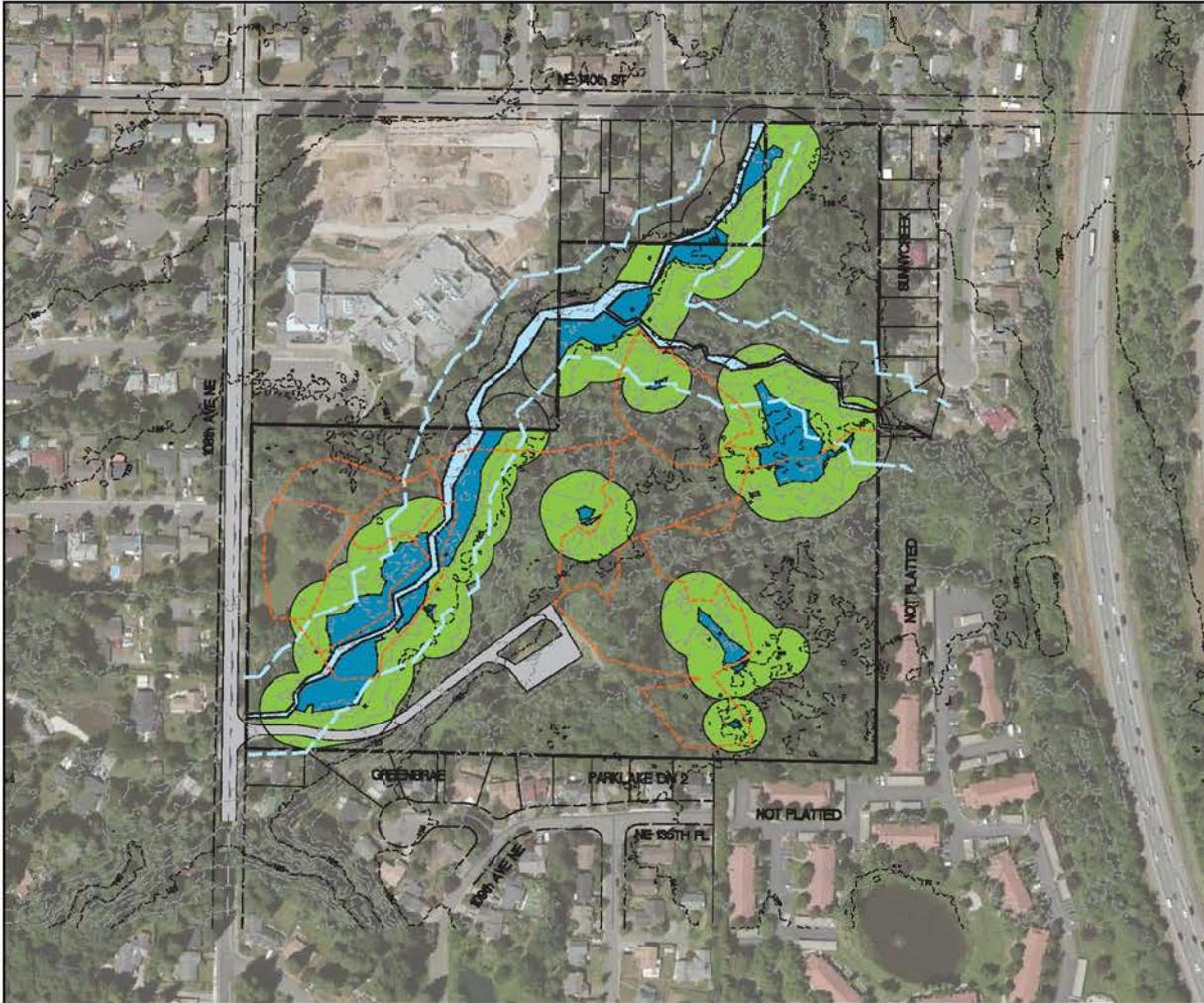


Informal stream crossing

Wetlands and Streams

- **46% Wetland, stream or buffer**
- **Wetlands 8% Type 2 and 3 (75 & 50)**
- **Stream buffer 75'**

Sensitive Areas and Buffers



Key

-  Stream
-  Stream Buffer
-  Wetland
-  Wetland Buffer
-  Trail

Sensitive Areas

Parcel No.	Area (sqft)	
202605-9027	1,149,984	
202605-9186	13,936	
Total	1,163,920	% of Site
	(26.72 Acres)	
Total Stream Area	25,086	2%
Total Wetland Area	90,523	8%
Total Sensitive Area + Buffer Area	533,901	46%
Total Remaining Uplands	630,019	54%

* Note: Parcel Areas are Based on King County Assessor Data

Wetlands and Streams

- Park improvements in Sensitive Areas?
- Trails in wetlands
- Trails in wetland buffers
- Trails along the stream bank
- In stream buffer

- Stream Crossings?

Adjacent Land Uses

Neighbors

- SF and MF Residential
- Helen Keller ES

Eyes and Impacts

Access Points and Fencing



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A backyard deck overlooking the park



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A Place for Children to Play in Nature

Edith Moulton

Goals and Objectives

Consistent with the project theme, the project goals and objectives should serve as the guidance for planning and design and a means of objectively determining if ideas and proposals fit the goals and overall theme of the project.

- Focus on serving the surrounding neighborhood and the residents of Kirkland
- Preserve and manage the forested areas to be enjoyed as natural areas in perpetuity
- Restore disturbed natural areas where appropriate and plan for natural succession
- Provide wetland and stream habitat restoration and/or enhancement
- Maintain a balance between developed and natural areas for active and passive park use

Goals and Objectives

- Make the park **sustainable** by balancing long-term resource input with community benefits
- Encourage stream and forest ecology study by the nearby schools
- Connect visitors to the life of an early pioneer family
- Employ CPTED principles in the master planning and improvements
- Enhance the great lawn area for community events and gatherings
- Find a way for dogs and their owners to enjoy the park without negatively affecting other users or wildlife and stream habitat
- Improve trail accessibility for all users where feasible.

Potential Program Elements

- Open-air lodge structure for gatherings
- Off-leash dog area
- Safer and more efficient parking
- Restrooms
- Improvements to existing trails, including new trail connections where appropriate, removal of duplicate trails, and improved trail accessibility
- Restoration of degraded natural areas (invasive removal and planting)
- Stabilization of stream banks
- Community orchard and garden
- Early Kirkland settlement interpretive features
- “Natural” play structure

Suitability Map



Nature-Related Improvements

Improvements in harmony with Edith Moulton's purpose for donating the land that enhance ecological functions while improving access and enjoyment for people



Environmentally Sensitive Areas

- Limited low-impact improvements to trails
- New creek crossings
- Improved accessibility
- Stream bank, creek, wetland and upland restoration
- Habitat structures
- Nature interpretation
- Limited wayfinding



Upland Areas

- Trail improvements
- Trail consolidation and restoration
- Interpretation and wayfinding
- Habitat structures
- Forest restoration

Socially-Related Improvements

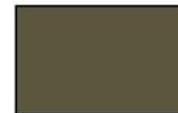
Improvements primarily focused on creating a welcoming place for community gathering



- Trail improvements
- Trail consolidation and restoration
- Interpretation and wayfinding
- Open-air lodge structure
- Rest room building
- Unobtrusive play structure?
- Enhanced park entry and landscape planting
- Improved parking

Culturally-Related Improvements

Improvements related to understanding and experiencing the property's history



- Trail improvements
- Trail consolidation and restoration
- Wayfinding
- Moulton Homestead Interpretation
- Community orchard and/or pea patch
- Removal of existing degraded paving
- Natural play area
- Kiosk / tool shed
- Alternative use: off leash dog area (limited size)



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Mature trees surround the park