Flood Depths (cm) Including Freeboard

0 to 50	*most houses are dry; walking in moving water or driving is potentially dangerous; basements and underground parking may be flooded, potentially causing evacuation*
50 to 100	*water on ground floor; basements and underground parking flooded, potentially causing evacuation; electricity failed; vehicles are commonly carried off roadways*
100 to 200	*ground floor flooded; residents evacuate*
200 to 500	*first floor and often roof covered by water; residents evacuate*
> 500; River	*first floor and often roof covered by water; residents evacuate*
Pond or Lake	*depth unknown*

Water Level - Thalweg Intersection

Water Level (including 0.6 m freeboard)

3.5

Indian Reserve Boundary

City Boundary

Future Building Footprints (2041)

Park

Critical Structures

Library

Care Facility

Fire Station

Community Centre/ Neighbourhood House

Public Elementary/ Secondary School

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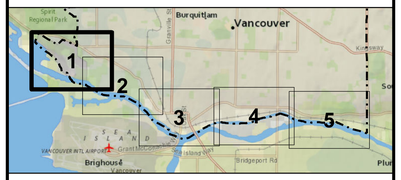

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0 100 200 300 400 M

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Coordinate System: NAD 1983 UTM ZONE 10N Units: METRES			Date: 17-JUN-2014
Engineer: VFOC	GIS: MSN	Reviewer: MM	Job Number: 300227

COASTAL FLOOD RISK ASSESSMENT
FRASER RIVER FLOOD DEPTHS INCLUDING FREEBOARD
SCENARIO 3 - YEAR 2100, SLR 1 M
PROBABILITY OF 1/500
MAP 1 OF 5

Flood Depths (cm) Including Freeboard

- 0 to 50 — *most houses are dry; walking in moving water or driving is potentially dangerous; basements and underground parking may be flooded, potentially causing evacuation*
- 50 to 100 — *water on ground floor; basements and underground parking flooded, potentially causing evacuation; electricity failed; vehicles are commonly carried off roadways*
- 100 to 200 — *ground floor flooded; residents evacuate*
- 200 to 500 — *first floor and often roof covered by water; residents evacuate*
- > 500; River — *first floor and often roof covered by water; residents evacuate*
- Pond or Lake — *depth unknown*

Water Level - Thalweg Intersection

Water Level (including 0.6 m freeboard)

Indian Reserve Boundary

City Boundary

Future Building Footprints (2041)

Park

Critical Structures

Library

Care Facility

Fire Station

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Public Elementary/ Secondary School

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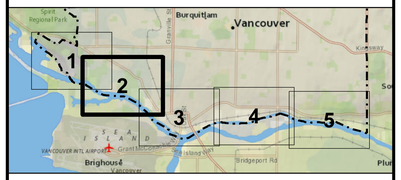

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0 100 200 300 400 M

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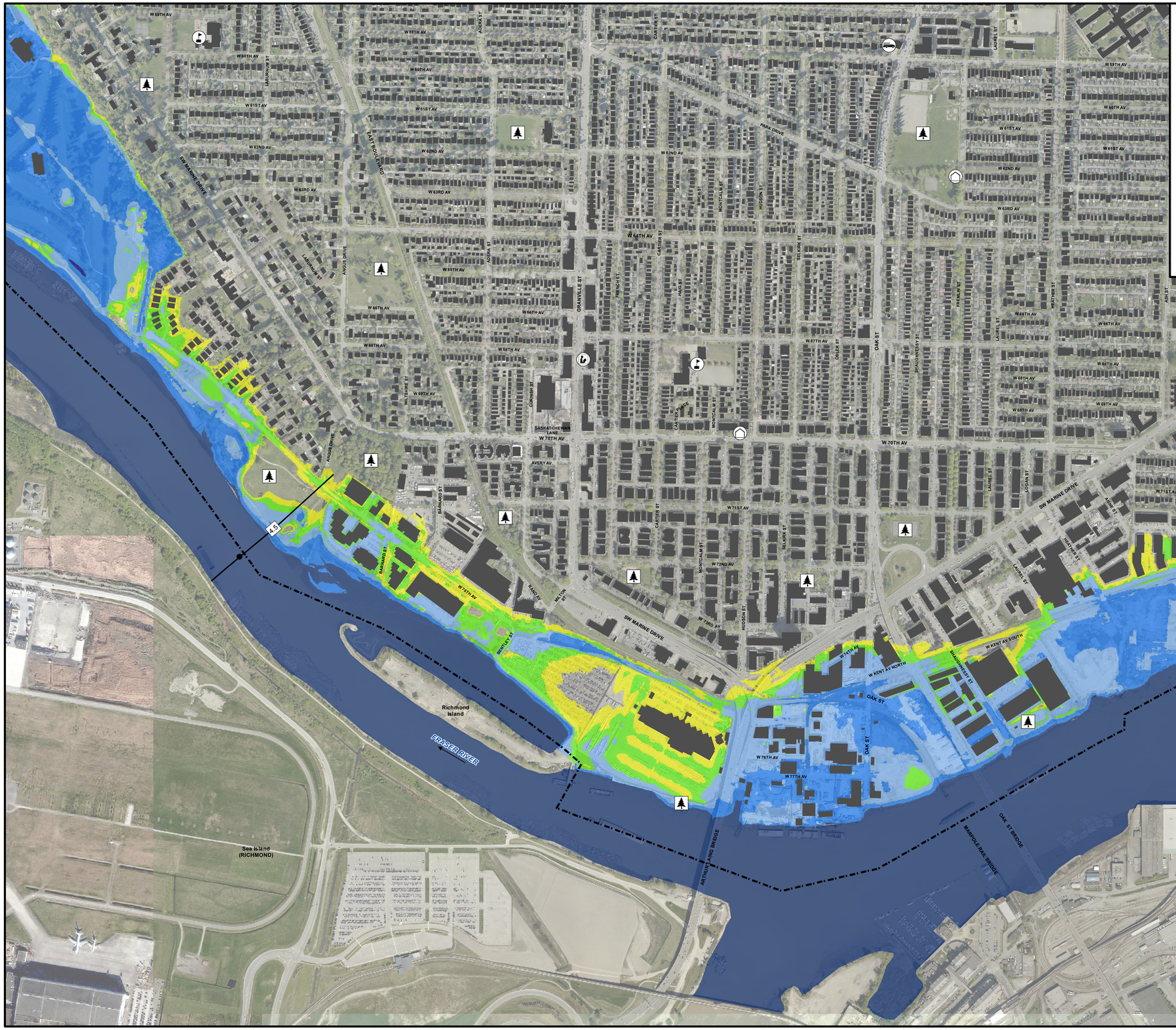
Coordinate System: NAD 1983 UTM ZONE 10N Units: METRES			Date 17-JUN-2014
Engineer VFOC	GIS MSN	Reviewer MM	Job Number 300227

COASTAL FLOOD RISK ASSESSMENT
FRASER RIVER FLOOD DEPTHS INCLUDING FREEBOARD
SCENARIO 3 - YEAR 2100, SLR 1 M
PROBABILITY OF 1/500
MAP 2 OF 5



Flood Depths (cm) Including Freeboard

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Pond or Lake	*depth unknown*

- Water Level - Thalweg Intersection
- Water Level (including 0.6 m freeboard) — 3.5
- Indian Reserve Boundary
- City Boundary
- Future Building Footprints (2041)
- Park

Critical Structures

- Library
- Care Facility
- Fire Station
- Community Centre/ Neighbourhood House
- Public Elementary/ Secondary School

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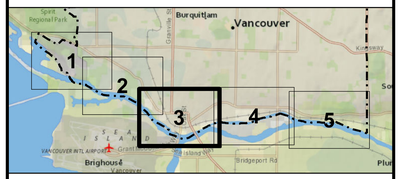

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SCALE - 1:5,000
0 100 200 300 400 M
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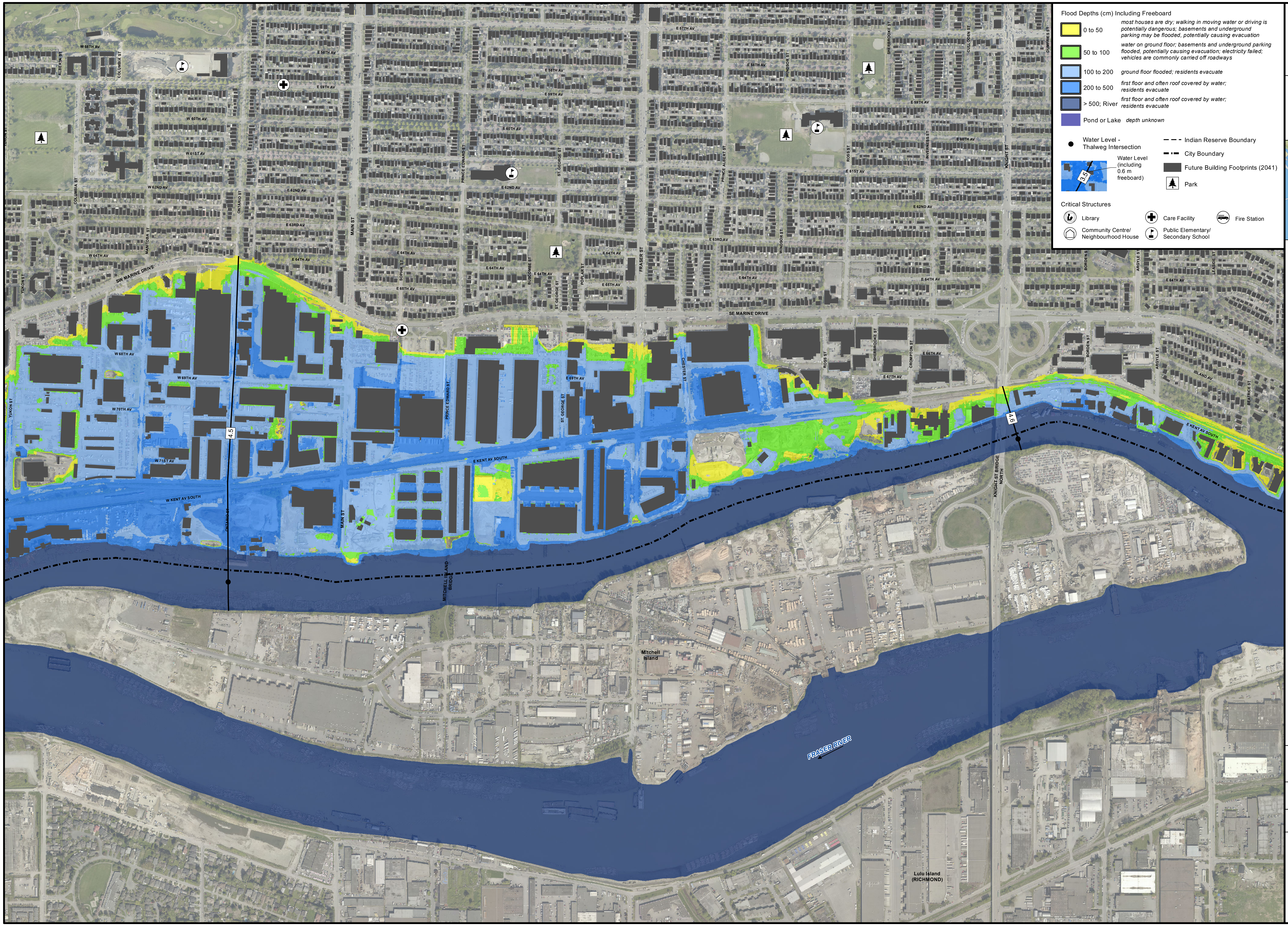
Coordinate System: NAD 1983 UTM ZONE 10N Units: METRES		Date: 17-JUN-2014	
Engineer: VFOC	GIS: MSN	Reviewer: MM	Job Number: 300227

COASTAL FLOOD RISK ASSESSMENT
FRASER RIVER FLOOD DEPTHS INCLUDING FREEBOARD
SCENARIO 3 - YEAR 2100, SLR 1 M PROBABILITY OF 1/500
MAP 3 OF 5



Flood Depths (cm) Including Freeboard

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	Pond or Lake	depth unknown

- Water Level - Thalweg Intersection
- Water Level (including 0.6 m freeboard)
- Indian Reserve Boundary
- City Boundary
- Future Building Footprints (2041)
- Park

Critical Structures

- Library
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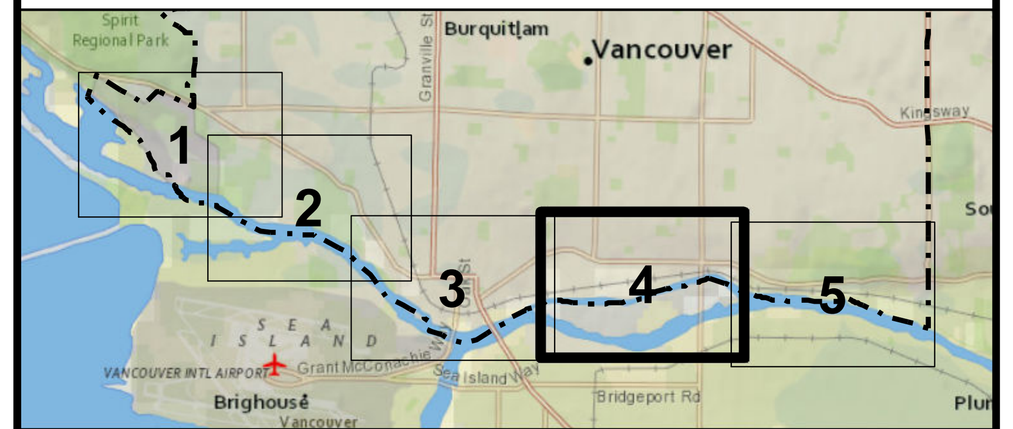

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SCALE - 1:5,000

0 100 200 300 400 M

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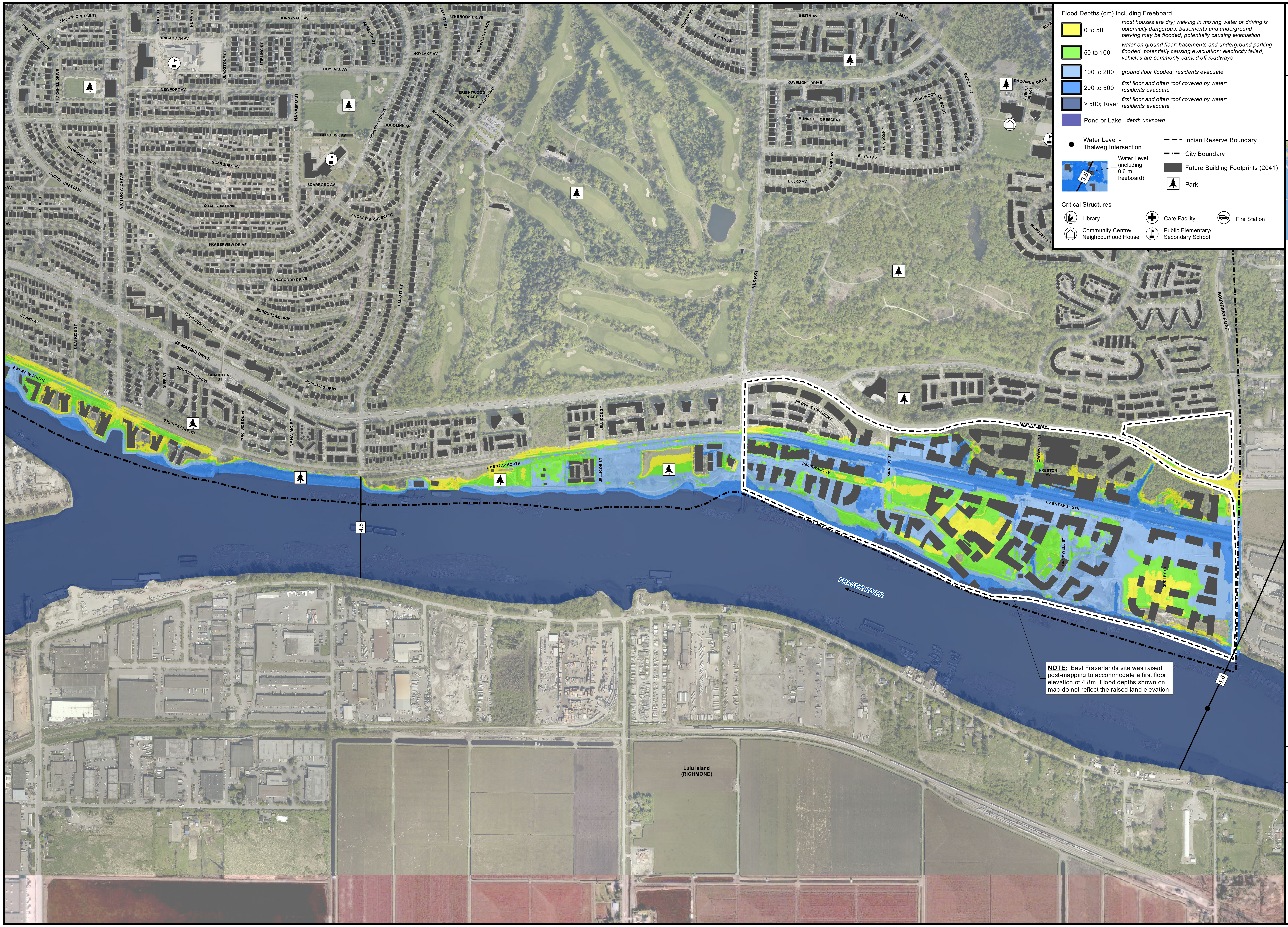
Coordinate System: NAD 1983 UTM ZONE 10N
Units: METRES

Date 17-JUN-2014

Engineer	GIS	Reviewer	Job Number
VFOC	MSN	MM	300227

COASTAL FLOOD RISK ASSESSMENT
FRASER RIVER FLOOD DEPTHS
INCLUDING FREEBOARD

SCENARIO 3 - YEAR 2100, SLR 1 M
PROBABILITY OF 1/500



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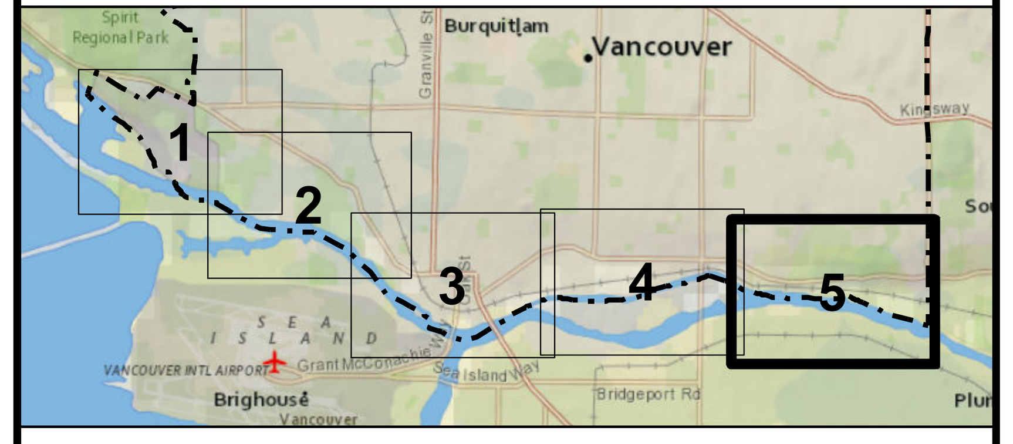

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This document has been prepared by Northwest Hydraulic Consultants Ltd. in accordance with generally accepted engineering and geoscience practices and is intended for the exclusive use and benefit of the City of Vancouver and their authorized representatives for specific application to the Coastal Flood Risk Assessment Project for the City of Vancouver Fraser River and Burrard Inlet (including Point Grey, Kits Point, False Creek, English Bay, Stanley Park and the Inner Harbour) shorelines. The contents of this document are not to be relied upon or used, in whole or in part, by or for the benefit of others without specific written authorization from Northwest Hydraulic Consultants Ltd. No other warranty, expressed or implied, is made.
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VFOC	MSN	MM	300227

COASTAL FLOOD RISK ASSESSMENT
FRASER RIVER FLOOD DEPTHS
INCLUDING FREEBOARD

SCENARIO 3 - YEAR 2100, SLR 1 M
PROBABILITY OF 1/500

MAP 5 OF 5

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