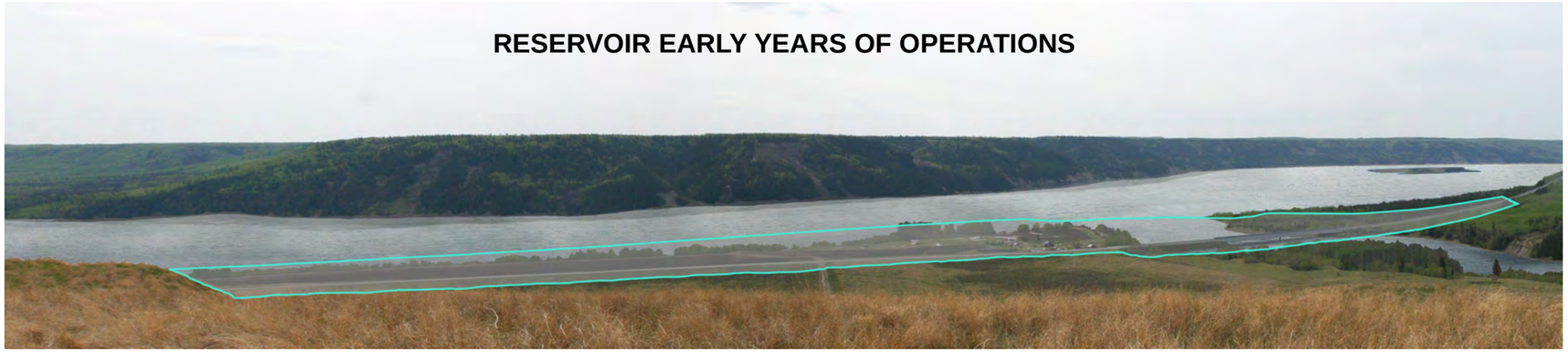
APPENDIX C

Part 6 Visual Resources Supporting Figures

1 INTRODUCTION

This appendix includes panoramic images and visual simulations for the five selected receptor sites (Figures 1 – 5). For every site, baseline conditions, early years of operation and later years of operations are shown. The simulation of shoreline erosion during the early and later years of reservoir operations is supported by consideration of predicted shoreline erosion estimates after 5 (5-Year Beach Line) and 100 years (Erosion Impact Line) of reservoir operations. Refer to Section 11.2 Geology, Terrain, and Soils for further information regarding the reservoir impact lines. The purpose of this appendix is to support Section 27 Visual Resources of the Site C Clean Energy Project EIS.

Figures: Volume 3 Part 6



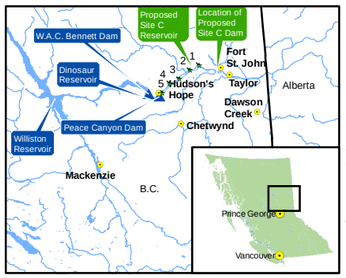
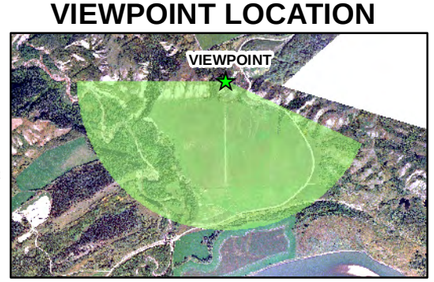


Figure Notes:
1. Datum/Projection: NAD83/UTM Zone 10N
2. Base Data: Province of B.C.
3. These artist renderings include a reasonable prediction of Project conditions during the operational phase. Changes from baseline conditions are only simulated where direct Project interaction is anticipated including reservoir inundation, shoreline erosion, and Highway 29 realignment.
4. The Reservoir Early Years of Operations rendering includes Highway 29 along a preferred realignment, however, the location is subject to change within the highlighted corridor, based on final design. The post-construction location of structures on Bear Flat properties will depend on the final Highway 29 alignment and confirmation of impact lines in relation to that final alignment as well as decisions made following discussions with the land owners.

VIEWPOINT LOCATION



SITE DETAILS

VIEWPOINT	4
EASTING	609732.39370
NORTHING	6239206.80510
ELEVATION (M)	599
DATE	05/15/12
TIME	12:10:26
WEATHER CONDITIONS	CLOUDY
FOCAL LENGTH (MM)	28.8
FIELD OF VIEW	155
HIEGHT OF CAMERA ABOVE GROUND (M)	1.6

LEGEND

Highway 29 Realignment Corridor (See Notes)

SITE C CLEAN ENERGY PROJECT

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Figure 1
Receptor Site 1 Highway 29, overlooking Bear Flat - baseline, early and later years of operations

Date	Dec. 18, 2012

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BASELINE

RESERVOIR EARLY YEARS OF OPERATIONS

LATER YEARS OF OPERATIONS

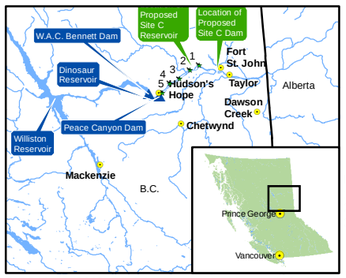

Figure Notes:
1. Datum/Projection: NAD83/UTM Zone 10N
2. Base Data: Province of B.C.
3. These artist renderings include a reasonable prediction of Project conditions during the operational phase. Changes from baseline conditions are only simulated where direct Project interaction is anticipated including reservoir inundation, shoreline erosion, and Highway 29 realignment.

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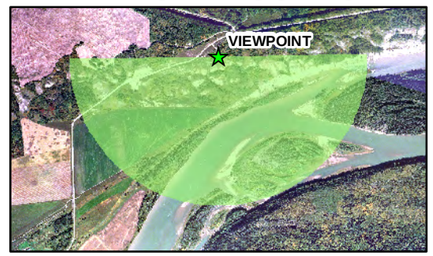
VIEWPOINT LOCATION



SITE DETAILS

VIEWPOINT	5
EASTING	598972.79910
NORTHING	6233907.44780
ELEVATION (M)	636
DATE	05/15/12
TIME	12:32:16
WEATHER CONDITIONS	CLOUDY
FOCAL LENGTH (MM)	28.8
FIELD OF VIEW	180
HIEGHT OF CAMERA ABOVE GROUND (M)	1.6

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Figure 2
Receptor Site 2 Highway 29, overlooking Attachie - baseline, early and later years of operations

Date	Dec. 18, 2012

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BASELINE

RESERVOIR EARLY YEARS OF OPERATIONS

LATER YEARS OF OPERATIONS

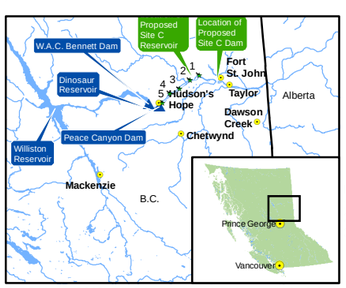

Figure Notes:
1. Datum/Projection: NAD83/UTM Zone 10N
2. Base Data: Province of B.C.
3. These artist renderings include a reasonable prediction of Project conditions during the operational phase. Changes from baseline conditions are only simulated where direct Project interaction is anticipated including reservoir inundation, shoreline erosion, and Highway 29 realignment.

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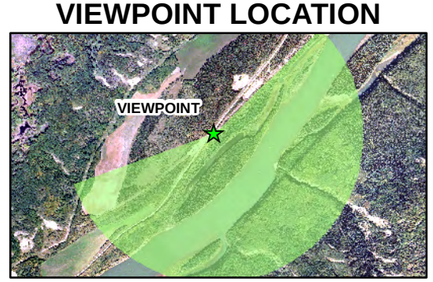
VIEWPOINT LOCATION



SITE DETAILS

VIEWPOINT	8
EASTING	586559.27790
NORTHING	6224175.33640
ELEVATION (M)	508
DATE	05/15/12
TIME	13:09:13
WEATHER CONDITIONS	CLOUDY
FOCAL LENGTH (MM)	28.8
FIELD OF VIEW	205
HIEGHT OF CAMERA ABOVE GROUND (M)	1.6

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Figure 3
Receptor Site 3 Highway 29, east of Farrell Creek - baseline, early and later years of operations

Date	Dec. 18, 2012

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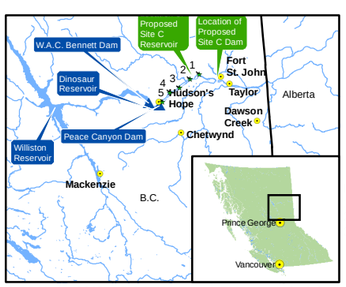

Figure Notes:
1. Datum/Projection: NAD83/UTM Zone 10N
2. Base Data: Province of B.C.
3. These artist renderings include a reasonable prediction of Project conditions during the operational phase. Changes from baseline conditions are only simulated where direct Project interaction is anticipated including reservoir inundation, shoreline erosion, and Highway 29 realignment.

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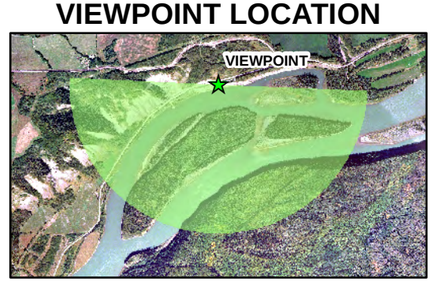
VIEWPOINT LOCATION



SITE DETAILS

VIEWPOINT	9
EASTING	575181.75840
NORTHING	6219510.75090
ELEVATION (M)	496
DATE	05/15/12
TIME	13:24:21
WEATHER CONDITIONS	CLOUDY
FOCAL LENGTH (MM)	28.8
FIELD OF VIEW	180
HIEGHT OF CAMERA ABOVE GROUND (M)	1.6

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Figure 4
Receptor Site 4 Highway 29, west of Farrell Creek Bridge - baseline, early and later years of operations

Date	Dec. 18, 2012

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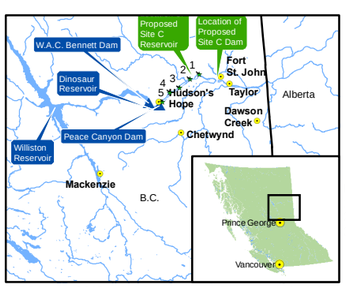

Figure Notes:
1. Datum/Projection: NAD83/UTM Zone 10N
2. Base Data: Province of B.C.
3. These artist renderings include a reasonable prediction of Project conditions during the operational phase. Changes from baseline conditions are only simulated where direct Project interaction is anticipated including reservoir inundation, shoreline erosion, and Highway 29 realignment.

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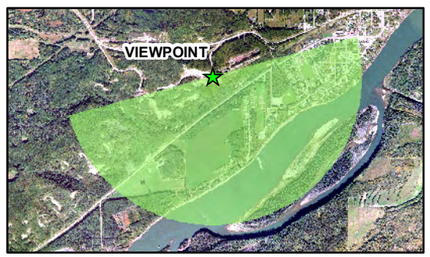
VIEWPOINT LOCATION



SITE DETAILS

VIEWPOINT	10
EASTING	566285.23160
NORTHING	6209341.04770
ELEVATION (M)	609
DATE	05/15/12
TIME	13:54:23
WEATHER CONDITIONS	CLOUDY
FOCAL LENGTH (MM)	28.8
FIELD OF VIEW	180
HIEGHT OF CAMERA ABOVE GROUND (M)	1.6

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Figure 5
Receptor Site 5 Hudson's Hope, Canyon Drive - baseline, early and later years of operations

Date	Dec. 18, 2012

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