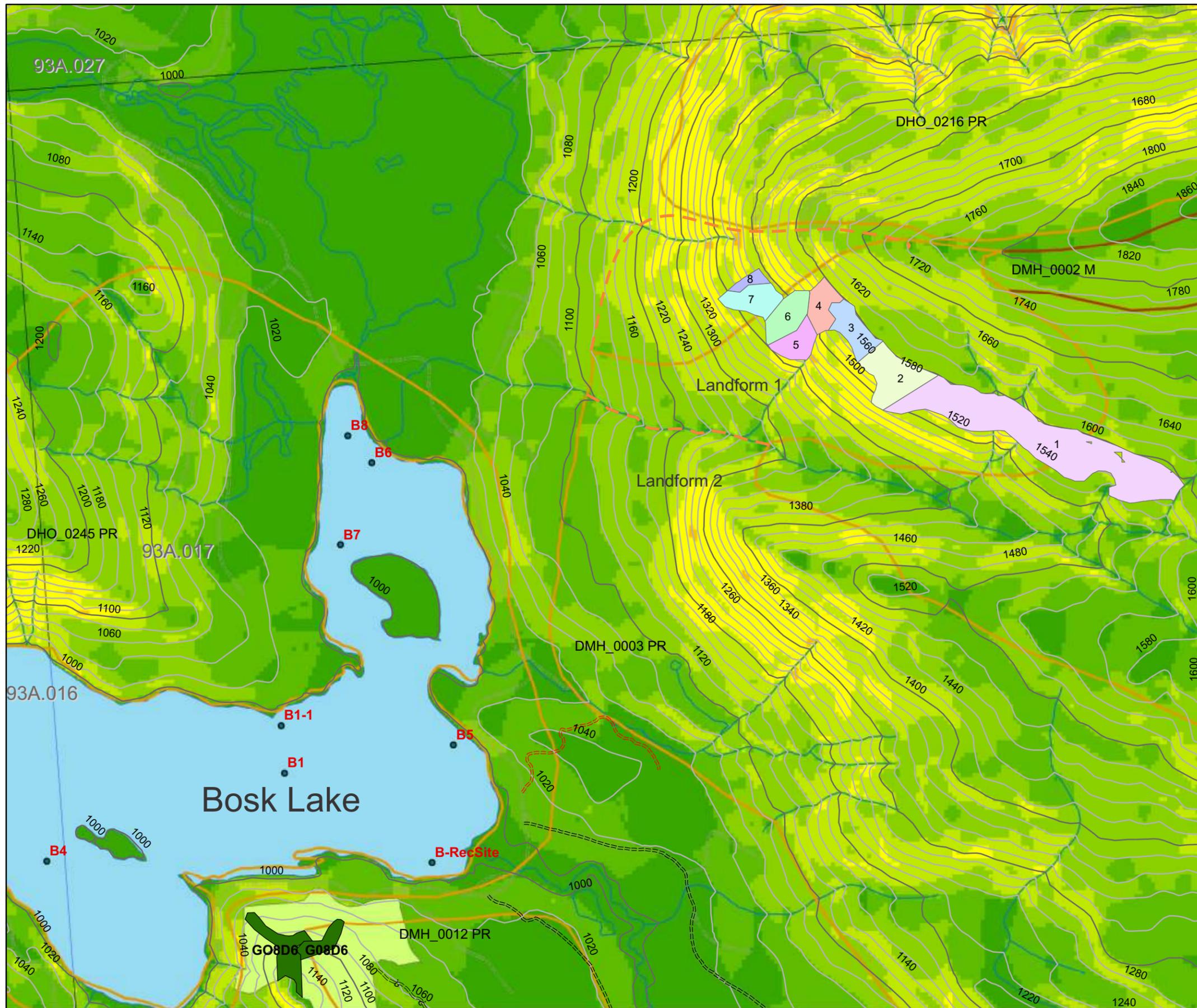


**BC Timber Sales  
Kamloops Business Area  
Cascades Field Team  
Gotchen-Bosk Visual Assessment  
by RDI Resource Design Inc  
March, 2016**



**Go15 - RDI component**

- 2
- 3
- 4
- 6 RDI Divisions within Go15
- 7
- 8
- 1 #1 is NVS = 53% of block area
- 5

**G08D6**

- G08D6\_RDI\_Leave7
- G08D6 Prelim

**Intermediate Contour (20 m)**

**Index Contour (100 m)**

**BCTS\_Roads**

**Road State**

- =?= Unknkown Road State
- =\*= DEAC
- == PRO
- == UNKN
- == WILD

**ScenicAreas**

**Visuals Management Class**

- Modification
- Not Visually Sensitive
- Preservation
- Partial Retention
- Retention
- Unclassified Area
- Gotchen-Bosk Viewpoints
- Lake
- WTRA
- A85702-MH641 (Harvested)
- TRIM\_Waterlines
- TRIM\_Transportation

**Landform 1 Division/Extension**

**Legend**

- 0 - 8.348268038
- 8.348268039 - 19.47929209
- 19.4792921 - 33.39307215
- 33.39307216 - 48.69823022
- 48.69823023 - 69.56890031
- 69.56890032 - 101.5705945
- 101.5705946 - 175.3136288
- 175.3136289 - 249.0566631
- 249.0566632 - 354.8013916



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6	Bosk Recreation Site Simulations - RDI Design Scenario #1-2-4-7
6	BoskVP7 Simulations - RDI Design Scenario #1-2-4-7
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8	Bosk VP8 Simulations - RDI Design Scenario #1-2-4-7

# Visual Impact Assessment Summary Table

District: 100 Mile House Licensee: BCTS Kamloops Business Area

Licence	Block	Mapsheet	Landform	VSU/VQO	Most Restrictive VQO applied to Landform
	Go15	93A017	1	DMH_003 PR plus "NVS"	PR

Proposed year of Harvest: 2016-17 Proposed Silv System: CC with WTRAs

Type of Proposed Alteration (e.g. Cutblock, Road or Pipeline R/W, Oil lease, etc.)  
VISUAL LANDSCAPE INVENTORY LABEL (old)

Cutblock

VSU#: DMH\_003 – Partial Retention

VISUAL LANDSCAPE INVENTORY LABEL  
Cariboo Chilcotin Land Use Plan Scenic Areas  
DOES EVC EXCEED THE ESTABLISHED VQO?  
No

## VIEWPOINTS & VIEWING CONDITIONS

Number & Name of Viewpoints from which the proposal is visible?

Indicate Viewpoint Importance. (Major/minor/potential)

Viewing Distance (Fg 0-1km, Mg 1-8km or Bg 8km+) to visible

	Bosk Lake VP1	Bosk Lake Rec. Site	Bosk Lake VP7	Bosk Lake VP6	Bosk Lake VP8
Viewpoint Importance	Major	Major	Major	Major	Major
Viewing Distance - FO81J	MG -3.3k	MG - 3.3k	MG - 2.6K	MG - 2.2K	MG - 2.2K

## ASSESSING BASIC VQO DEFINITION

(not confirmed with on-site visit)

Does the proposed alteration, in combination with any existing Non-Veg alterations, achieve the basic VQO definition for the established VQO from each of the identified viewpoints?

See below

If applicable state reasons why the proposal does not achieve the basic definition.

If applicable, which basic VQO definition would the proposed alteration in combination with any existing Non-VEG alterations meet?

N/A  or P  R  PR  M  MM  EM

RDI has applied a landform approach to assessment, following the lead of FLNRO's Visual Quality Effectiveness Evaluation Procedures and Standards (VQEE). RDI identified 2 landforms within DMH\_0003 situated above the lakeshore polygon DHO\_0245, all having the same VQO of Partial Retention. The cutblock would occupy the smaller northerly landform. Initial review of the cutblock found that it would significantly exceed the VQO. RDI divided the block into 8 components and selected scenario 1-2-5-7 that would allow the cutblock to meet the VQO. One large benefit was that 53% of the planimetric area of the block would remain unseen (NVS) from the viewpoints, regardless of the scenario selected.

## ASSESSING VISUAL DESIGN

Do the proposed alterations exhibit elements of good visual design?

YES  NO

Do the proposed alterations respond to the lines of force analysis? YES  NO

If No why? \*This has been asterisked as this VIA assessed both the original plan which fails to meet the VQO and a scenario by RDI which meets the VQO. The original design would lay broadly horizontally across the landform, cutting the dominant visual forces. By appropriate selection of leave patches suggested by RDI, the visual forces will be maintained while bringing the block into shape and scale meeting the VQO.

Field confirmation of operability considerations is necessary. See Assessing Scale of Alteration for a discussion about scale as influencing the verbal definition of Modification and the need for or desirability of making the adjustments suggested by RDI.

Partial Retention means an alteration of a forest landscape resulting from the presence of cutblocks or roads, such that, when assessed from a viewpoint that is representative of significant public viewing opportunities, the alteration is easy to see and is small to moderate in scale with a design that appears natural in its appearance, and not angular or geometric.

Are there existing human made alterations visible in the unit showing no or poor design?

NO  YES

## ASSESSING SCALE OF ALTERATION - see viewpoint image sheets for details.

Acceptable Range for Partial Retention VQO: 1.5%-7%

	Landform 1	
	BCTS Original	RDI Option 1
Bosk VP1	12.6%	5.9%

The original plan had an area of 49.7ha. The RDI design group scenario 1-2-5-7 would occupy fully 78% of the original size of the block. Other scenarios could be developed by selecting different RDI components.

## FOREGROUND ALTERATIONS AND SCREEN DESIGN

Is the visible portion of proposed alteration within 1 kilometre of the viewing locations?

YES  NO

Does vegetative or landform screening exist? YES  NO

If yes, what type: Deciduous  Coniferous  Mixed Forest  Landform

Would the screen hide proposed operations? YES

Would the screen hide proposed operations? YES  NO

A substantial screen exists along the valley bottom.

Is vegetative screen designed properly ie responds to lines of force, shape & scale and remains a viable unit for future removal? YES  NO  N/A

Is vegetative screen expected to be windfirm? YES  NO  N/A  not known

If alteration would not be screened or only partially screened, describe the actions proposed to reduce the visual impact in the immediate foreground (e.g. landing location, roadside clean-up, etc.)

No foreground

## ADDITIONAL CONSIDERATIONS

Does the EVC in adjacent units exceed the established VQO for those units and how would this affect the management of the present unit proposed for alteration? YES  NO

Comments:

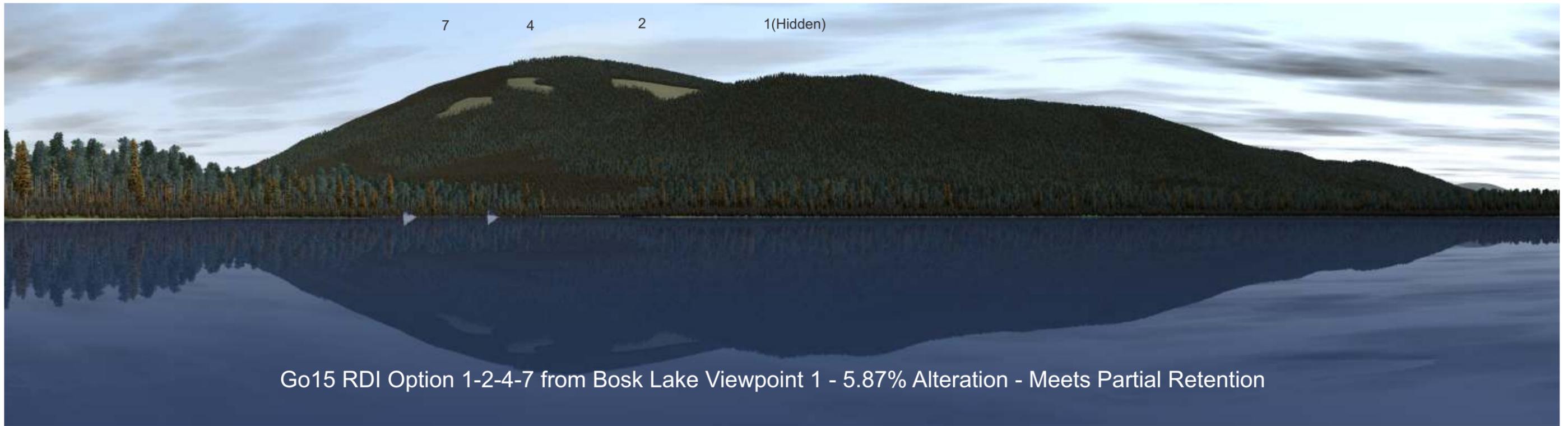
Has this VIA submission incorporated all known alterations proposed within the Visual Sensitivity Unit for the next 5 years? (i.e. all blocks proposed by the same or different licensees) YES  NO

Comments:

Ken B Fairhurst, PhD, RPF  
RDI Resource Design Inc  
March, 2016



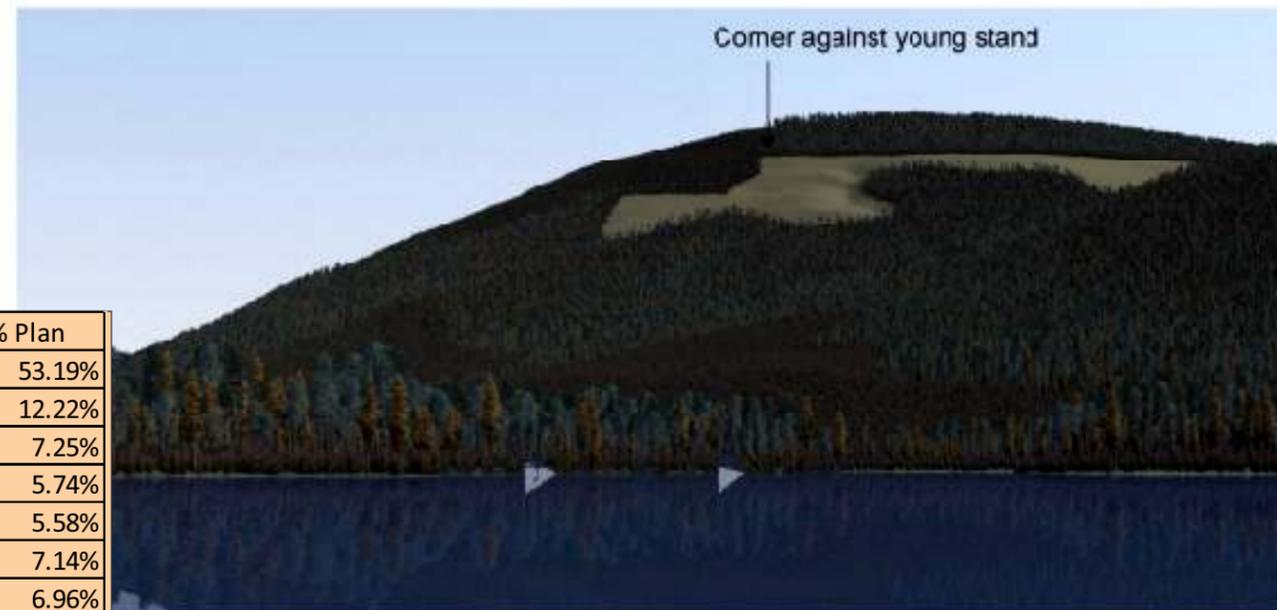
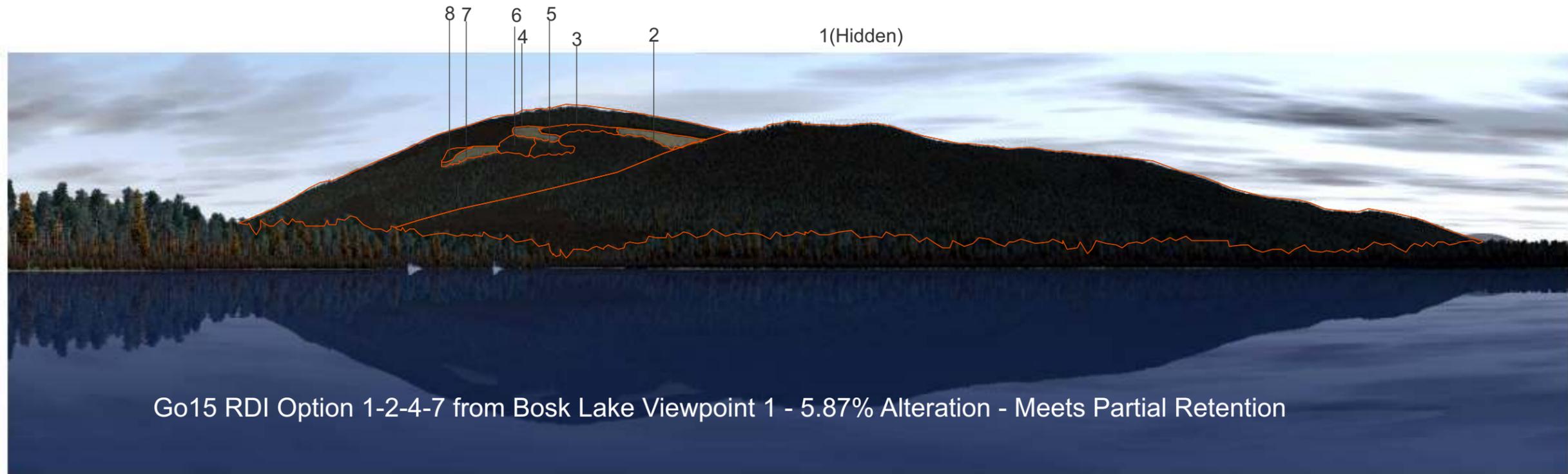
RDI Resource Design Inc  
March 19, 2016



Go15 RDI Option 1-2-4-7 from Bosk Lake Viewpoint 1 - 5.87% Alteration - Meets Partial Retention



Go15 Preliminary Configuration from Bosk Lake Viewpoint 1 - 12.6% Alteration in Perspective View - Exceeds Partial Retention - Meets Modification



Planimetric Area and Percent

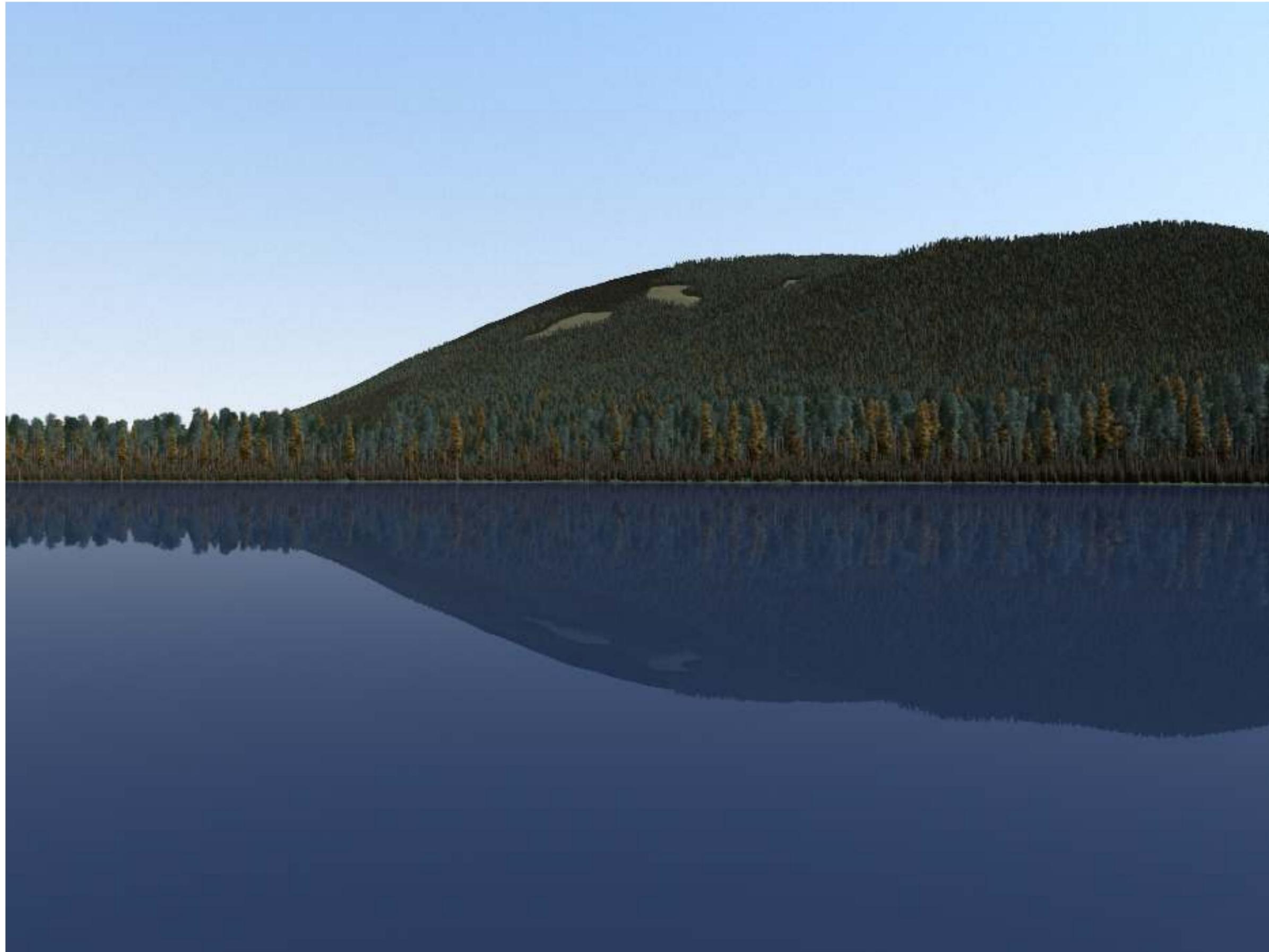
BLOCK_ID	BLOCK_NBR	Hectares	% Plan
GO15	1	264194.43	53.19%
GO15	2	60681.40	12.22%
GO15	3	36027.07	7.25%
GO15	4	28507.37	5.74%
GO15	5	27692.93	5.58%
GO15	6	35481.37	7.14%
GO15	7	34581.20	6.96%
GO15	8	9505.71	1.91%
Sum		496671.48	100.00%
1-2-4-7 Sum		387964.3996566	78.11%

Perspective Area and Percent

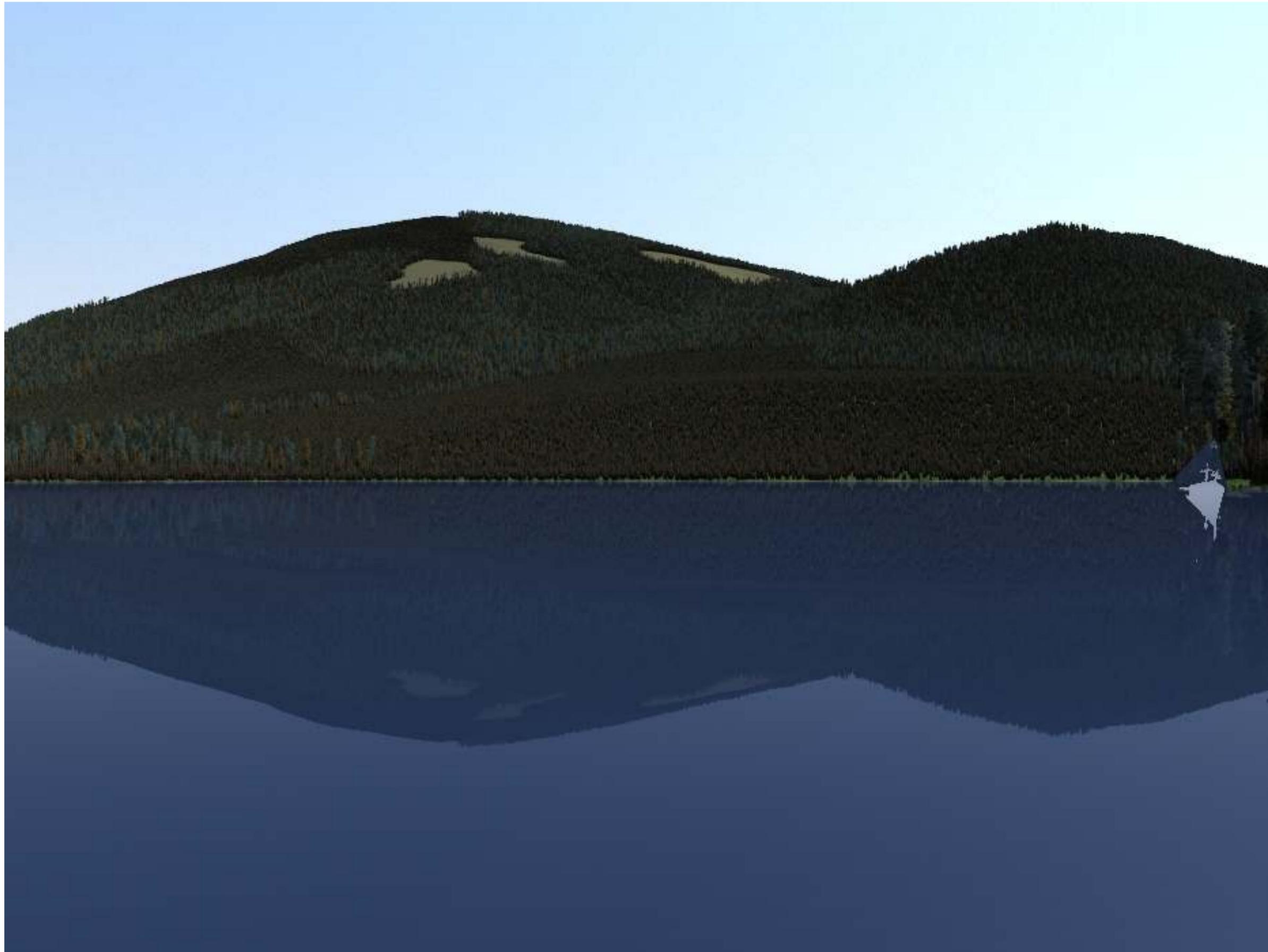
Id	Area_Pers	%Alt
L2	2577875.49	
L1	911594.15	
2	24828.23	2.72%
8	6238.35	0.68%
7	14865.75	1.63%
4	13845.90	1.52%
3	17915.94	1.97%
5	17687.78	1.94%
6	19425.49	2.13%
	114807.43	12.59%
1-2-4-7	53539.88	5.87%

Go15 Preliminary Configuration from Bosk Lake Viewpoint 1

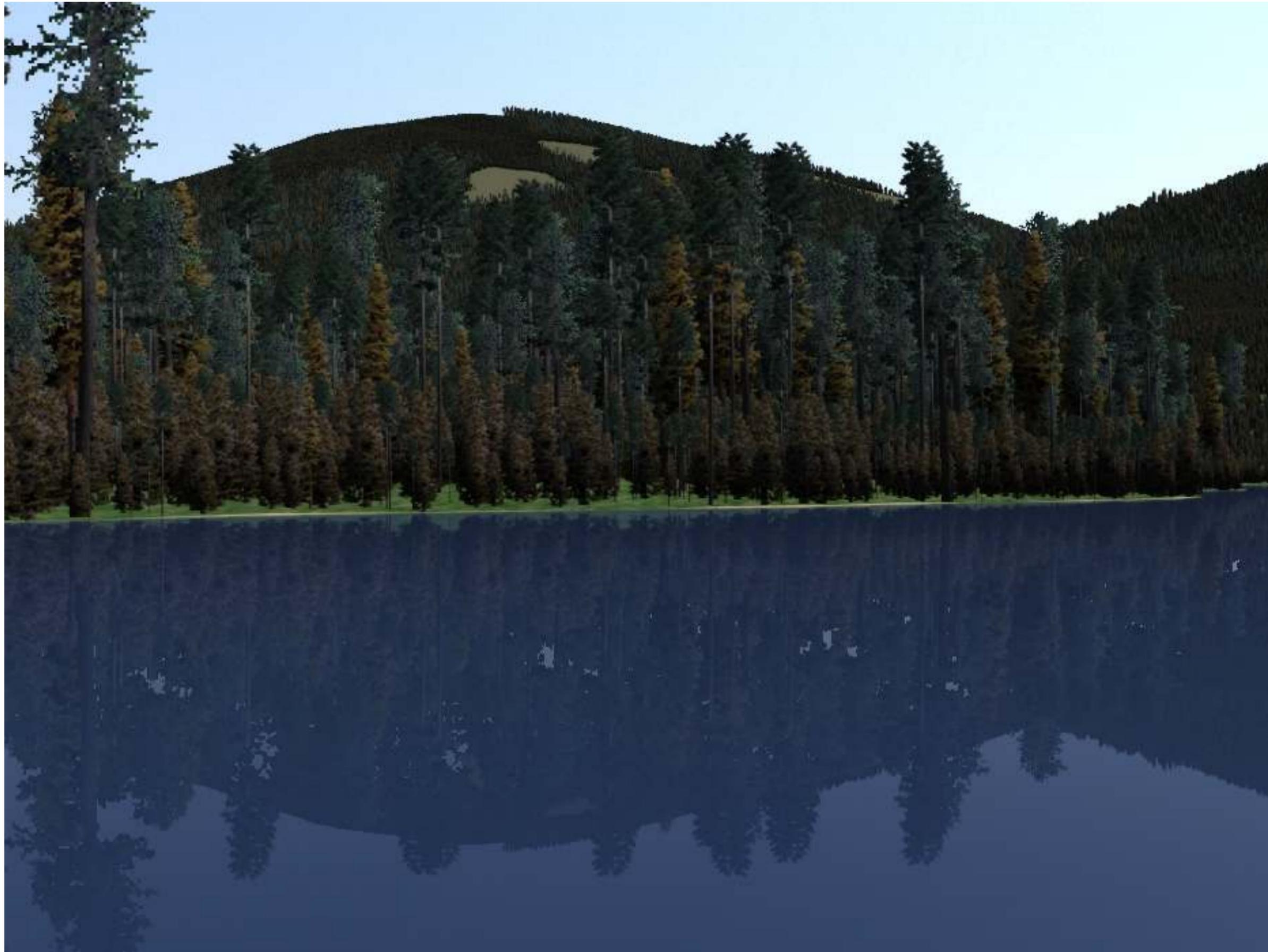
Go15 Preliminary Configuration from Bosk Lake Viewpoint 1 - 12.6% Alteration in Perspective View - Meets Modification  
 RDI Option 1-2-4-7 - 5.9% - Meets Partial Retention



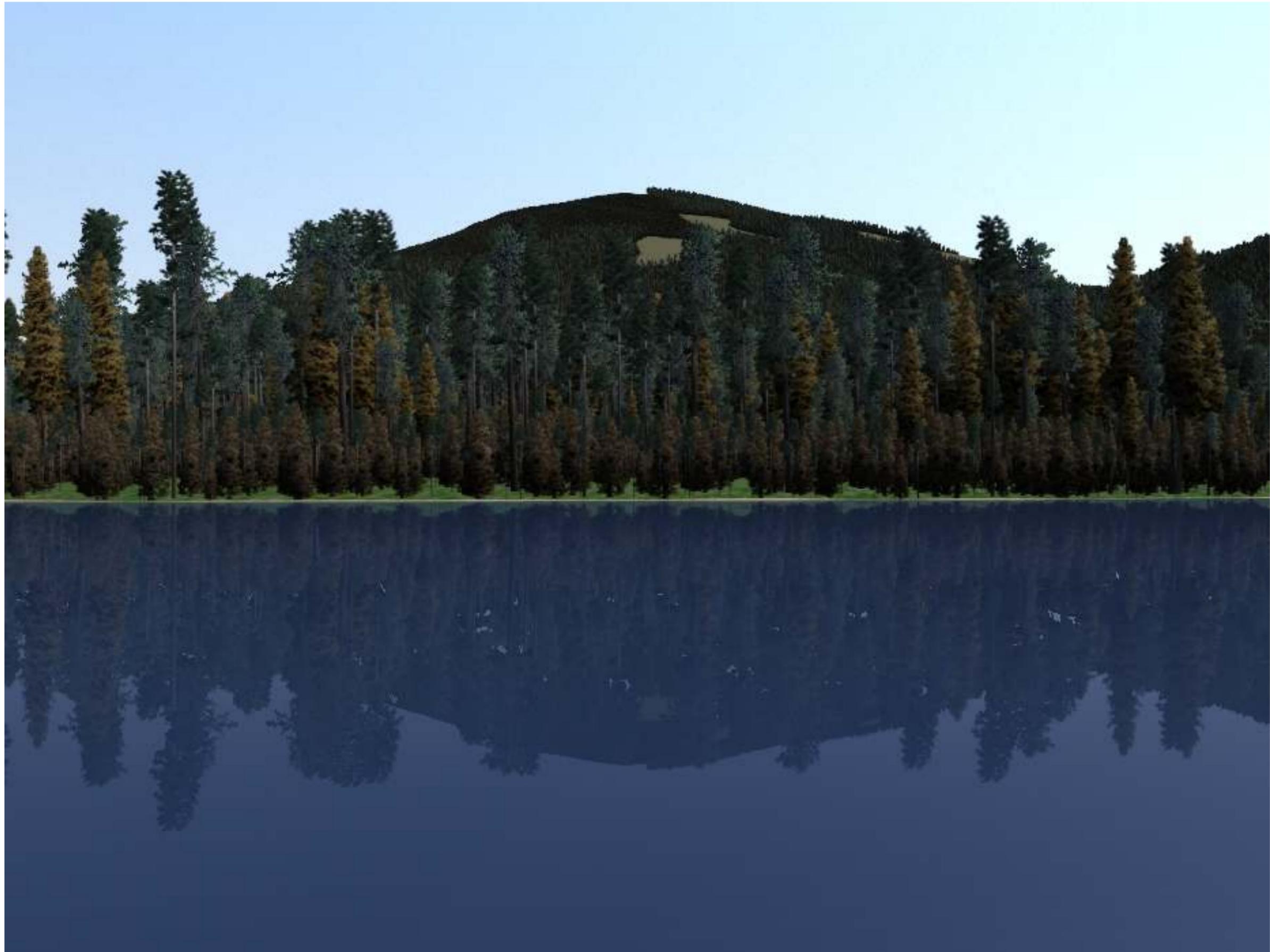
Go15 with RDI Design Group 1-2-5-7 from Bosk Lake Recreation Site Viewpoint



Go15 with RDI Design Group 1-2-5-7 from Bosk Lake Viewpoint 7 Viewpoint



Go15 with RDI Design Group 1-2-5-7 from Bosk Lake Viewpoint 6 Viewpoint



Go15 with RDI Design Group 1-2-5-7 from Bosk Lake Viewpoint 8 Viewpoint