

Mt Robson Visitors Centre ▼

Information

Date of Audit: 2016-08-25

Park Name: Boya Lake Provincial Park

Key Features: Camping,Picnic_Site,Trails,Playground,Fishing

Location: Kitimat-Stikine, Terrace, Northern BC - Provincial : Park (Great Northern Circle Route)

Description: Boya Lake Park is a great stop for camping with an amazingly beautiful lake and mountain views, and the potential for seeing Northern Lights on clear nights. The park provides 3 campsites with accessible features – picnic tables, sites with ample space for tent/trailers and the sites are in close proximity to an easily accessible outhouse washroom. The campsites are not officially reservable; those wanting to pre-book the sites can contact the current park facilitator (Marnee) who will accommodate requests when possible. Routes for accessing other features of this campground are in good condition, although some follow a road that has a steep hill (ie going to the accessible water tap/recycling spot). It may be necessary to use a vehicle to access these features. The day use area provides a shelter and picnic area with accessible picnic tables and a very good viewing spot for the lake and activities on/beside the lake (playground, swimming, boating). A campfire is also provided in this area. There are a variety of activities provided at this park – playground, dock, canoe/kayak rentals, and trails. These do not have accessible features and are not available for those in wheelchairs or with certain levels of mobility issues. The campground route itself provides a good overview of the area with views of the lake; the road is wide, firm and stable. Also known as a good fishing lake (trout) although trout are not mentioned on the website!

Parking

2. Are an adequate number of accessible spaces provided? : N_A (Rating: 0)

3. Of the accessible spaces, is at least one a van accessible space?* : N_A (Rating: 0)

4. Are accessible spaces at least 2.4m wide with an access aisle at least 1.5m wide? Note: Two spaces may share an access aisle. : N_A (Rating: 0)

5. Are the access aisles marked to discourage parking in them? : N_A (Rating: 0)

6. Is the slope of the accessible parking spaces and access aisles no steeper than 1° in all directions? : N_A (Rating: 0)

7. Does the access aisle adjoin an accessible route? : N_A (Rating: 0)

8. Are accessible spaces identified with a sign that includes the International Symbol of Accessibility? Note: The International Symbol of Accessibility is not required on the ground. : N_A (Rating: 0)

9. Of the total parking spaces, are the accessible spaces located on the closest accessible route to the accessible entrance(s)? Note: If parking serves multiple entrances, accessible parking should be dispersed. : N_A (Rating: 0)

2. What is the condition of the surface along this trail? : Moderate (Rating: 1)

Access Routes

From: : Campsite road (across from accessible campsite #'s 3-5

To: : Accessible Outhouse Washroom

2. What is the condition of the surface along this route? : Good

4. What is the type of surface? : Gravel

Comments/Description : hard packed gravel

Clear Width

5. What is the typical route width (mm)? : between_1525_-_1220

6. What is the narrowest route width (mm)? : between_1220_-915 (Rating: 1)

Obstacles

7. If the route is concrete, asphalt or boardwalk, are there any obstacles that exceed 13mm from the surface? : N_A (Rating: 0)

8. If yes, are the obstacles at least 1220mm apart? : N_A (Rating: 0)

9. If the route is anything other than concrete, asphalt or boardwalk, are there any obstacles that exceed 25mm from the surface? : No (Rating: 0)

10. If yes, are the obstacles at least 1220mm apart? : N_A (Rating: 0)

Openings

11. Are there any gaps or grates present that have an opening greater than 13mm? : No (Rating: 0)

12. If gaps/grates are present, do they run perpendicular to the path of travel? : N_A (Rating: 0)

Running Slope

13. What is the typical running slope on the route? : Moderate_2_-_3 (Rating: 1)

14. What is the maximum running slope on the route? : Steep_3_-_5 (Rating: 0)

Cross Slope

15. What is the typical cross slope on the route? : Moderate_2_-_3 (Rating: 1)

16. What is the maximum cross slope on the route? : Moderate_2_-_3 (Rating: 1)

Resting Intervals

17. Are there resting intervals at the top and bottom of a route where the grade exceeds 3°? : N_A (Rating: 0)

18. If the running slope is greater than 3°, are there resting intervals in the middle of the route when the length exceeds 9.1m? : N_A (Rating: 0)

Comments/Description : No obstacles

Comments/Description : No obstacles

Benches

21. Are there any benches along the route? : No (Rating: 0)

Comments/Description : short route, not necessary

22. If yes, are the benches located approximately every 61m? : N_A (Rating: 0)

23. Is the bench seat height between 485mm - 510mm? : N_A (Rating: 0)

Ramps

24. Is there is a ramp? : No (Rating: 0)

25. Is the ramp at least 915mm wide?

Note: If there are handrails, measure between the handrails. : N_A (Rating: 0)

26. Is the surface stable, firm and slip resistant? : N_A (Rating: 0)

27. For each section of the ramp, is the running slope no greater than 5°?

Note: Rises no greater than 76mm with a slope no steeper than 7° and rises no greater than 150mm with a slope no steeper than 6° are permitted when due to space limitations. : N_A (Rating: 0)

28. Is there a level landing that is at least 1525mm long and at least as wide as the ramp: At the top of the ramp? : N_A (Rating: 0)

29. At the bottom of the ramp? : N_A (Rating: 0)

30. Is there a level landing where the ramp changes direction that is at least 1525mm x 1525mm? : N_A (Rating: 0)

31. If the ramp has a rise higher than 150mm are there handrails on both sides? : N_A (Rating: 0)

32. Is the top of the handrail gripping surface no less than 865mm and no greater than 965mm above the ramp surface? : N_A (Rating: 0)

33. Is the handrail gripping surface continuous and not obstructed along the top or sides? : N_A (Rating: 0)

34. If there are obstructions, is the bottom of the gripping surface obstructed no more than 20%? : N_A (Rating: 0)

Stairs

35. Are there floors or surfaces connected only by stairs, not an elevator or ramp? : No (Rating: 0)

36. How many flights of stairs are there? : N_A

37. If there are less than a flight, how many stairs are there? : N_A

38. Do all stair treads have a horizontal strip at the edge that is: 40mm-60mm deep, colour contrasted & extends the full width of the step? : N_A (Rating: 0)

- 39. If the stairs are not enclosed, is there a tactile warning system present at the landing of entrance to stairs system? : N_A (Rating: 0)**
- 40. Are there handrails on both sides of the stairs at a uniform height of 860mm-920mm above the front step? : N_A (Rating: 0)**
- 41. Do the handrails extend horizontally at the top and bottom of each flight of stairs? : N_A (Rating: 0)**
- 42. Are the handrails continuous around landings? : N_A (Rating: 0)**
- 43. Are the handrails continuously graspable, without interruption by vertical supports, newel posts, or other construction elements which require repositioning the hands while ascending or descending? : N_A (Rating: 0)**
- 44. Do the handrails have a graspable cross-section that is either circular with an outside diameter of 30mm-40mm or elliptical with an outside perimeter of 100mm-125mm? : N_A (Rating: 0)**

Trails

Date of Audit : 2016-08-25

Name of Trail : Beaver Lodge Trail

Section of trail audited : trail head only

Weather condition during audit : Sunny



Clear Width

- 5. What is the typical trail width (mm)? : between_1220_-915 (Rating: 1)**
- 6. What is the narrowest trail width (mm)? : less_than_915 (Rating: 0)**

Obstacles

- 7. If the trail is concrete, asphalt or boardwalk, are there any obstacles that exceed 13mm from the surface? : N_A (Rating: 0)**
- 8. If yes, are the obstacles at least 1220mm apart? : N_A (Rating: 0)**

Comments/Description : many rocks and roots on this trail

- 10. If yes, are the obstacles at least 1220mm apart? : No (Rating: 0)**

Openings

- 11. Are there any gaps or grates present that have an opening greater than 13mm? : No (Rating: 0)**

12. If gaps/grates are present, do they run perpendicular to the path of travel? : N_A (Rating: 0)

Running Slope

13. What is the typical running slope on the trail? : Steep_3_-_5 (Rating: 0)

14. What is the maximum running slope on the trail? : Very_steep_above_5 (Rating: 0)

Comments/Description : Several hills along the trail

Cross Slope

15. What is the typical cross slope on the trail? : Moderate_2_-_3 (Rating: 1)

16. What is the maximum cross slope on the trail? : Steep_3_-_5 (Rating: 0)

Comments/Description : not on audited section of trail

18. If the running slope is greater than 3°, are there resting intervals in the middle of the trail when the length exceeds 9.1m? : N_A (Rating: 0)

Comments/Description : steep areas are mainly 9 m or less in length

Comments/Description : Parts of the trail visible in the first 200 m

20. Is there a minimum of 100mm horizontal clearance for users to safely pass along the trail without coming into contact with side obstacles? : No_-_below_standard (Rating: 0)

Comments/Description : very narrow trail

Benches

21. Are there any benches along the trail? : No (Rating: 0)

22. If yes, are the benches located approximately every 61m? : N_A (Rating: 0)

23. Is the bench seat height between 485mm - 510mm? : N_A (Rating: 0)

Ramps

24. Is there is a ramp? : No (Rating: 0)

25. Is the ramp at least 915mm wide?

Note: If there are handrails, measure between the handrails. : N_A (Rating: 0)

26. Is the surface stable, firm and slip resistant? : N_A (Rating: 0)

27. For each section of the ramp, is the running slope no greater than 5°?

Note: Rises no greater than 76mm with a slope no steeper than 7° and rises no greater than 150mm with a slope no steeper than 6° are permitted when due to space limitations. : N_A (Rating: 0)

28. Is there a level landing that is at least 1525mm long and at least as wide as the ramp: At the top of the ramp? : N_A (Rating: 0)

29. At the bottom of the ramp? : N_A (Rating: 0)

30. Is there a level landing where the ramp changes direction that is at least 1525mm x 1525mm? : N_A (Rating: 0)

31. If the ramp has a rise higher than 150mm are there handrails on both sides? : N_A (Rating: 0)

32. Is the top of the handrail gripping surface no less than 865mm and no greater than 965mm above the ramp surface? : N_A (Rating: 0)

33. Is the handrail gripping surface continuous and not obstructed along the top or sides? : N_A (Rating: 0)

34. If there are obstructions, is the bottom of the gripping surface obstructed no more than 20%? : N_A (Rating: 0)

Stairs

35. Are there floors or surfaces connected only by stairs, not an elevator or ramp? : No (Rating: 0)

36. How many flights of stairs are there? : N_A

37. If there are less than a flight, how many stairs are there? : N_A

38. Do all stair treads have a horizontal strip at the edge that is: 40mm-60mm deep, colour contrasted & extends the full width of the step? : N_A (Rating: 0)

39. If the stairs are not enclosed, is there a tactile warning system present at the landing of entrance to stairs system? : N_A (Rating: 0)

40. Are there handrails on both sides of the stairs at a uniform height of 860mm-920mm above the front step? : N_A (Rating: 0)

41. Do the handrails extend horizontally at the top and bottom of each flight of stairs? : N_A (Rating: 0)

42. Are the handrails continuous around landings? : N_A (Rating: 0)

43. Are the handrails continuously graspable, without interruption by vertical supports, newel posts, or other construction elements which require repositioning the hands while ascending or descending? : N_A (Rating: 0)

44. Do the handrails have a graspable cross-section that is either circular with an outside diameter of 30mm-40mm or elliptical with an outside perimeter of 100mm-125mm? : N_A (Rating: 0)

Comments/Description : This part of the trail not audited, located at 1.5 km At the end of the trail there is a beaver lodge and small wooden viewing platform - not audited

2. Is there sufficient clear ground space, a minimum of 915mm x 1220mm for the user to view the key features? : N_A (Rating: 0)

3. Is the viewing area surface firm and stable? : N_A (Rating: 0)

4. What type of surface is the viewing area? : N_A

5. Is there a clear space between 815mm - 1320mm above the ground, free of obstructions and extending the full width of clear space? : N_A (Rating: 0)

Picnic Area

1. Are picnic tables provided? : No (Rating: 0)

Comments/Description : this trail is located in close proximity to Picnic Shelter and Day use area where picnic tables are located (audited in Water Access)

2. How many accessible picnic tables are there? : N_A

3. If the picnic table is up to 2.7m long, is there one wheelchair seating space? : N_A (Rating: 0)

4. If the picnic table is longer than 2.7m, are there at least two wheelchair spaces provided? : N_A (Rating: 0)

5. Is there clear and level ground space, 915mm measured from back edge of seats/benches? : N_A (Rating: 0)

6. Do the accessible spaces have adequate knee clearance, 685mm high x 760mm wide x 430mm deep? : N_A (Rating: 0)

7. Is the ground surface surrounding the accessible picnic table firm and stable? : N_A (Rating: 0)

8. Is there a clear, level accessible route to the picnic table? : N_A (Rating: 0)

Shelters

1. Are there any camp shelters? : No (Rating: 0)

2. What is the slope at the entrance to the camp shelter? : N_A (Rating: 0)

3. What type of surface is in the camp shelter? : N_A

4. Is the shelter surface firm and stable? : N_A (Rating: 0)

5. Is there a clear, level accessible route to the camp shelter? : N_A (Rating: 0)

Benches

1. Are any benches provided? : No (Rating: 0)

2. If yes, how many benches are there? : N_A

3. Is the bench seat height between 485mm - 510mm? : N_A (Rating: 0)

4. Is there a minimum of 915mm x 1220mm clear ground space beside the bench? : N_A (Rating: 0)

5. Is there a clear, level accessible route to the bench? : N_A (Rating: 0)

Trash & Recycling Receptacles

1. Are there any trash &/or recycling receptacles? : No (Rating: 0)
2. Is the approach to the receptacle level, with no-step? : N_A (Rating: 0)
3. If there are operable parts, is their height between 380mm - 1220mm above the ground? : N_A (Rating: 0)
4. If there are operable parts, can they be operated using one hand, without tightly grasping, pinching, or twisting the wrist and with no more than 2.3kg of force? : N_A (Rating: 0)
5. Is there a clear, level accessible route to the trash/recycling receptacle? : N_A (Rating: 0)

Campfires & Grills

1. Is there an area for campfires? : No (Rating: 0)
 2. Is there a minimum of 1220mm clear ground space on all sides? : N_A (Rating: 0)
 3. Is the slope 3° or less in all directions? : N_A (Rating: 0)
 4. Is the grill height between 380mm - 865mm above the ground? : N_A (Rating: 0)
 5. Is the fire building surface height at least 230mm above the ground? : N_A (Rating: 0)
 6. If there is a raised edge or wall around the fire building area, is the thickness less than 255mm? : N_A (Rating: 0)
 7. Is there a clear, level accessible route to the campfire area? : N_A (Rating: 0)
1. Are any public washrooms located at the trail head or on the trail? : No

Additional comments regarding assessment: : This checklist was added to highlight that there is a short trail connected to the Water Access area. Not an accessible trail for wheelchairs and those with mobility issues. As little information about the trail is entered, did not add in points or overall score. Recommendation: This trail is on mostly a flat area for a good part of the way. It may be possible to widen and build up this trail with hard packed gravel to accommodate access for wheelchairs and those with mobility issues.

Description of Photo 1 : This interpretive sign is at the trail head. It shows many of the different plants and flowers that can be seen at this campground. It would be more accessible to more people if this was posted at a lower height, or displayed in a longer rather than taller sign.

Washrooms

Date of Audit : 2016-08-25

Auditors Names : Barbara

Weather condition during audit : Sunny

Washroom # : 1

Description of washroom location : South end of campground

Type of Washroom : Out-house

1. If washrooms are available to the public, is at least one washroom designated as accessible? (Either one for each sex, or one unisex.) : Yes (Rating: 1)

Comments/Description : This washroom is designated as accessible. It does have a female designation, but is the only one and so is for both male and female to use.

Directional signage

2. Are there signs at inaccessible washrooms that give directions to accessible washrooms? : No (Rating: 0)

Recommendations : provide signs at strategic areas (eg picnic site) to direct visitors to designated washroom location

Improvement Priority : High

Estimated Cost : Med

3. Is there an accessible route to the accessible washroom? : Yes (Rating: 1)

4. If not all washrooms are accessible, is there a sign at the accessible washroom with the International Symbol of Accessibility? : Yes (Rating: 1)

5. Do text characters contrast with their backgrounds? : N_A (Rating: 0)

Comments/Description : international symbols only - no text characters

6. Are text characters raised? : N_A (Rating: 0)

7. Is there Braille? : No (Rating: 0)

8. Is the sign mounted on the wall, on latch side of the door?

Note: Signs are permitted on the push side of doors with closers and without hold-open devices. : No (Rating: 0)

9. So the baseline of the lowest character is at least 1220mm above the floor and the baseline of the highest character is no more than 1525mm above the floor?

Note: If the sign is at double doors with one active leaf, the sign should be on the inactive leaf; if both leaves are active, the sign should be on the wall to the right of the right leaf. : N_A (Rating: 0)

Interior doors

10. Is the door opening width at least 815mm clear, between the face of the door and the stop, when the door is open 90°? : N_A (Rating: 0)

11. If there is a front approach to the pull side of the door, is there at least 455mm of maneuvering clearance beyond the latch side plus at least 1525mm clear depth? : N_A (Rating: 0)

12. On both sides of the door, is the floor surface of the maneuvering clearance level (no steeper than 1°)? : N_A (Rating: 0)

13. If the threshold is vertical is it no more than 6mm high?

Or : N_A (Rating: 0)

14. If the threshold is beveled, is it no more than 19mm high? : N_A (Rating: 0)

15. Is the door equipped with hardware that is operable with one hand and does not require tight grasping, pinching or twisting of the wrist? : N_A (Rating: 0)

16. Are the operable parts of the hardware no less than 865mm and no greater than 1220mm above the floor? : N_A (Rating: 0)

17. Can the door be opened easily, maximum 2.3kg of force?

Note: You can use a pressure gauge or fish scale to measure force. : N_A (Rating: 0)

18. If the door has a closer, does it take at least 5 seconds to close from open position of 90° to a position of 12° from the latch? : N_A (Rating: 0)

19. If there are two doors in a series, e.g. vestibule, is the distance between the doors at least 1220mm plus the width of the doors when swinging into the space? : N_A (Rating: 0)

20. If there is a privacy wall and the door swings out, is there at least 610mm of maneuvering clearance beyond the door latch side and 1065mm to the privacy wall? : N_A (Rating: 0)

21. If there is a privacy wall and the door swings in, is there at least 610mm of maneuvering clearance beyond the door latch side and at least 1220mm to the privacy wall if there is no door closer or at least 1370mm if there is a door closer? : N_A (Rating: 0)

22. In a unisex washroom if the door swings in and over a clear floor space at an accessible fixture, is there a clear floor space at least 760mm x 1220mm beyond the swing of the door? : N_A (Rating: 0)

Toilet stall

23. Is there an individual accessible toilet stall? : Yes (Rating: 1)

24. Is the stall door opening width at least 815mm clear, between the face of the door and the stop, when the door is open 90°? : Yes (Rating: 1)

**Measurement
(mm) : 850**

25. If there is a front approach to the pull side of the stall door, is there at least 455mm of maneuvering

clearance beyond the latch side plus 1525mm clear depth? : Yes (Rating: 1)

**Clearance
(mm) : 1300**

**Depth
(mm) : 1600**

Comments/Description : approach to outhouse door is from the side, entrance around the back of the outhouse.

26. Is the door self-closing? : No (Rating: 0)

Comments/Description : door is light and is easy to pull closed.

27. Are there door pulls on both sides of the door that are operable with one hand and do not require tight grasping pinching or twisting of the wrist? : No (Rating: 0)

Comments/Description : Door pull on the outside is small vertical metal handle; fist does not fit in. The door is easy to pull open. Handle on the inside of the door is a horizontal grab bar. Fisted hand does not fit inside; easy to grab and pull door closed.

28. Is the lock operable with one hand and without tight grasping, pinching or twisting of the wrist? : Yes (Rating: 1)

Comments/Description : the lock is a slide bolt that can be operated with one hand.

29. Are the operable parts of the door hardware mounted no less than 865mm and no greater than 1220mm above the floor? : Yes (Rating: 1)

**Measurement
(mm) : 930**

Comments/Description : Outside door handle. Inside door handle measures 910 mm lock measures 1030 mm

30. Is the stall at least 1525mm wide? : Yes (Rating: 1)

**Measurement
(mm) : 1600**

31. If the toilet is wall hung, is the stall at least 1420mm deep?

Or : N_A (Rating: 0)

32. If the toilet is floor mounted, is the stall at least 1500mm deep? : Yes (Rating: 1)

**Measurement
(mm) : 1620**

If the door swings in, is the stall area beyond the swing of the door:

33. A minimum of 1525mm wide x 1420mm deep for wall hung toilet?

Or : N_A (Rating: 0)

34. A minimum of 1525mm wide x 1500mm deep for floor mounted toilet? : N_A (Rating: 0)

Toilet

35. Is the centerline of the toilet no less than 405mm and no greater than 455mm from the side wall or partition? : No (Rating: 0)

**Measurement
(mm) : 480**

36. Is clearance provided around the toilet measuring at least 1525mm from the side wall and at least 1420mm from the rear wall? : Yes (Rating: 1)

**From side wall
(mm) : 1600**

**From rear wall
(mm) : 1620**

37. Is the height of the toilet no less than 430mm and no greater than 485mm above the floor measured to the top of the seat? : No (Rating: 0)

**Measurement
(mm) : 380**

Improvement Priority : Med

Estimated Cost : High

Grab bars

38. Is there a grab bar at least 1065mm long on the side wall? : No (Rating: 0)

**Measurement
(mm) : 620**

Recommendations : replace with grab bar that meets standard measurement for accessibility

Improvement Priority : Med

Estimated Cost : Med

39. Is it located no more than 305mm from the rear wall? : Yes (Rating: 1)

**Measurement
(mm) : 280**

40. Does it extend at least 1370mm from the rear wall? : No (Rating: 0)

**Measurement
(mm) : 900**

41. Is it mounted no less than 840mm and no greater than 915mm above the floor to the top of the gripping surface? : Yes (Rating: 1)

**Measurement
(mm) : 900**

42. Is there at least 305mm clearance between the grab bar and protruding objects above? : N_A (Rating: 0)

Comments/Description : no objects above

43. Is there at least 38mm clearance between the grab bar and projecting objects below? : Yes (Rating: 1)

**Measurement
(mm) : 110**

Comments/Description : toilet paper dispenser below

44. Is the space between the wall and the grab bar 38mm : Yes (Rating: 1)

**Measurement
(mm) : 40**

45. Is there a grab bar at least 915mm long on the rear wall? : No (Rating: 0)

**Measurement
(mm) : 620**

Recommendations : replace with grab bar that meets standard measurement for accessibility

Improvement Priority : Med

Estimated Cost : Med

46. Does the grab bar extend at least 305mm from the centerline of the toilet on one side (side wall)? : Yes (Rating: 1)

**Measurement
(mm) : 310**

47. Does the grab bar extend at least 610mm on the other (open) side? : No (Rating: 0)

**Measurement
(mm) : 310**

48. Is the grab bar mounted no less than 840mm and no greater than 915mm above the floor to the top of the gripping surface? : Yes (Rating: 1)

**Measurement
(mm) : 900**

49. Are there at least 305mm clearance between the grab bar and protruding objects above? : Yes (Rating: 1)

**Measurement
(mm) : 510**

Comments/Description : sign located above grab bar

50. Are there at least 38mm clearance between the grab bar and projecting objects below? : N_A (Rating: 0)

Comments/Description : nothing below

51. Is the space between the wall and the grab bar 38mm inches? : Yes (Rating: 1)

**Measurement
(mm) : 40**

Toilet flush controls

52. If the flush control is hand operated, is the operable part located no higher than 1220mm above the floor? : N_A (Rating: 0)

53. If the flush control is hand operated, can it be operated with one hand and without tight grasping, pinching, or twisting of the wrist? : N_A (Rating: 0)

54. Is the force required to activate the flush control no greater than 2.3kg? : N_A (Rating: 0)

55. Is the flush control on the open side of the toilet? : N_A (Rating: 0)

Toilet paper dispenser

56. Is the toilet paper dispenser located no less than 180mm and no greater than 230mm from the front of the toilet to the center line of the dispenser? : No (Rating: 0)

**Measurement
(mm) : 100**

Recommendations : remount toilet paper dispenser using standard accessibility measurements

Improvement Priority : Med

Estimated Cost : Med

58. Is the dispenser located behind grab bars? : No (Rating: 0)

59. Does the dispenser allow continuous paper flow? : Yes (Rating: 1)

Sink

60. Does at least one sink have a clear floor space for a forward approach at least 760mm wide and 1220mm long? : N_A (Rating: 0)

61. Do no less than 430mm and no greater than 635mm of the clear floor space extend under the sink so that a person using a wheelchair can get close enough to reach the faucet? : N_A (Rating: 0)

62. Is the front of the sink or counter surface, whichever is higher, no more than 865mm above the floor? : N_A (Rating: 0)

63. Is there at least 685mm height clearance from the floor to the bottom of the sink that extends at least 205mm deep under the sink for knee clearance? : N_A (Rating: 0)

64. Is there toe clearance at least 230mm high?

Note: Space extending greater than 150mm beyond the available toe clearance at 230mm above the floor is not considered toe clearance. : N_A (Rating: 0)

65. Are pipes below the sink insulated or otherwise configured to protect against contact? : N_A (Rating: 0)

66. Can the faucet be operated without tight grasping, pinching, or twisting of the wrist? : N_A (Rating: 0)

67. Is the force required to activate the faucet no greater than 2.3 kg? : N_A (Rating: 0)

Washroom fixtures

68. Is there a clear path to at least one of each type of fixture, e.g. sink, hand dryer, garbage bin etc., that is at least 915mm wide? : N_A (Rating: 0)

69. Is there clear floor space available for a person in a wheelchair to turn around, i.e. a circle at least 1525mm in diameter or a T-shaped space within a 1525mm square? : N_A (Rating: 0)

Mirror

70. If the mirror is over a sink or countertop, is the bottom edge of the reflecting surface no higher than 1015mm above the floor?

Or : N_A (Rating: 0)

71. If the mirror is not over the sink or countertop, is the bottom edge of the reflecting surface no higher than 890mm above the floor? : N_A (Rating: 0)

Coat hook

72. If there is a coat hook, is it no less than 380mm and no greater than 1220mm above the floor?* : Yes (Rating: 1)

Measurement (mm) : 1120

Soap dispenser

Are the operable parts of the soap dispenser within one of the following reach ranges:

73. Above sinks or counters no less than 510mm and no greater than 635mm deep: no higher than 1120mm above the floor?

Or : N_A (Rating: 0)

74. Above sinks less than 510mm deep: no higher than 1220mm above the floor?

Or : N_A (Rating: 0)

75. Not over an obstruction: no higher than 1220mm above the floor? : N_A (Rating: 0)

Hand dryer/Towel dispenser

Are the operable parts of the hand dryer or towel dispenser within one of the following reach ranges:

76. Above sinks or counters no less than 510mm and no greater than 635mm deep: no higher than 1120mm above the floor?

Or : N_A (Rating: 0)

77. Above sinks less than 510mm deep: no higher than 1220mm above the floor?

Or : N_A (Rating: 0)

78. Not over an obstruction: no higher than 1220mm above the floor? : N_A (Rating: 0)

79. Can the operable parts of the hand dryer or towel dispenser be operated without tight grasping, pinching or twisting of the wrist? : N_A (Rating: 0)

80. Is the force required to activate the hand dryer or towel dispenser no greater than 2.3kg? : N_A (Rating: 0)

Controls - light switches

81. Is there a clear floor space at least 760mm wide by at least 1220mm long for a forward or parallel approach? : N_A (Rating: 0)

82. Are the operable parts no higher than 1220mm above the floor? : N_A (Rating: 0)

83. Can the control be operated with one hand and without tight grasping, pinching, or twisting of the wrist? : N_A (Rating: 0)

1. Has the route to the washroom been evaluated? : Yes

Camping

Date of Audit (YYYY-MM-DD) : 2016-08-25

Name of Campground : Boya Lake

Location of Campsite : # 5, South campground section

Weather condition during audit : Sunny

1. Does the number of accessible camp sites comply with the table above? : Yes_-_Meets_Standard (Rating: 1)

Comments/Description : 44 sites at campground; 3 sites available that are designated accessible as they are: in close proximity to accessible washroom; and are on level, firm surface with large camping area.

Recommendations : Provide added accessibility features - tables; campfires that meet accessibility standards.

Improvement Priority : High

Estimated Cost : High

Campsite

2. Is the camp site surface firm and stable? : Yes (Rating: 1)

3. What type of surface is in the campsite? : Gravel

Comments/Description : hard packed gravel

4. Is the accessible campsite at least 4.9m wide?

Or : Yes - _Exceeds_ Standard

Measurement

(m) : 10

5. If it is an RV site, is the parking area at least 6m wide? : N_A (Rating: 0)

Comments/Description : site audited is a tent site

6. If the campsite surface is concrete or asphalt, is the slope 1° or less? : N_A (Rating: 0)

7. If the campsite surface is anything other than concrete & asphalt, is the slope 3° or less? : Yes -
Meets Standard (Rating: 1)

Comments/Description : slope is 1-3 degrees

Tent Pads/Platforms

8. Is there a minimum of 1220mm clear space on all sides surrounding the tent pad or platform? : No -
Below Standard (Rating: 0)

Measurement

(mm) : 900

Comments/Description : Three sides of tent pad have no clearance, but have sloped sides. The side facing into campsite exceeds 1220 mm. The tent pad itself measures 3780mm x 3510 mm

9. What type of surface is the tent pad/ platform? : Gravel

10. What is the slope of the tent pad/ platform? : Flat_Gentle_1_or_less

Comments/Description : Slope leading up to tent pad is 2.5 degrees

11. Is there an accessible entrance or ramp on to the tent pad/platform? : Yes (Rating: 1)

Comments/Description : Tent pad edge is flush with the surface of the campsite itself (slight edge of 20 mm on one side)

Utility & Sewage Hook Ups

12. Is there sufficient clear ground space, a minimum of 1220mm x 1525mm surrounding the hook ups? :
N_A (Rating: 0)

Comments/Description : No sewage or utility hook ups at this campsite

13. If there are operable parts, can they be operated using one hand, without tightly grasping, pinching, or twisting the wrist and with no more than 2.3kg of force? : N_A (Rating: 0)

Campfires & Grills

14. Is there an area for campfires? : Yes (Rating: 1)

15. Is there a minimum of 1220mm clear ground space on all sides? : Yes - _Meets_ Standard (Rating: 1)

Measurement
(mm) : 1220

Comments/Description : 1220 or more on all sides

16. Is the slope 3° or less in all directions? : Yes (Rating: 1)

Measurement
(angle °) : 2

Comments/Description : average 2 degrees

17. Is the grill height between 380mm - 865mm above the ground? : Yes (Rating: 1)

Measurement
(mm) : 380

18. Is the fire building surface height at least 230mm above the ground? : No (Rating: 0)

Comments/Description : surface is level to ground surface

Recommendations : build up campfire surface to meet accessible standards

Improvement Priority : Med

Estimated Cost : Low

19. If there is a raised edge or wall around the fire building area, is the thickness less than 255mm? : Yes (Rating: 1)

Measurement
(mm) : 5

20. Is there a clear, level accessible route to the campfire area? : Yes (Rating: 1)

21. Are picnic tables provided? : Yes (Rating: 1)

22. How many accessible picnic tables are there? : 1

Comments/Description : Each of the campsites in this section of the campground has an accessible table - 3 total. Also accessible tables in the picnic area

23. If the picnic table is up to 2.7m long, is there one wheelchair seating space? : Yes (Rating: 1)

Comments/Description : table is 2180 mm

24. If the picnic table is longer than 2.7m, are there at least two wheelchair spaces provided? : N_A (Rating: 0)

25. Is there clear and level ground space, 915mm measured from back edge of seats/benches? : Yes - _Exceeds_Standard

Measurement (mm) : 2000

Comments/Description : more than 2 metres from back seat of bench

26. Do the accessible spaces have adequate knee clearance, 685mm high x 760mm wide x 430mm deep? : Yes (Rating: 1)

Measurement (mm) h x w x d : 730 x 730 x 500

Comments/Description : measurements: 730 H x 730 W x 500 D

27. Is the ground surface surrounding the accessible picnic table firm and stable? : Yes (Rating: 1)

28. Is there a clear, level accessible route to the picnic table? : Yes (Rating: 1)

Water Taps

1. Are there any water taps? : Yes (Rating: 1)

2. Is there sufficient clear ground space, a minimum of 1829mm x 1220mm surrounding the water tap? : Yes - _Meets_Standard (Rating: 1)

Measurement (mm x mm) : 1730 x 1700

Comments/Description : measurement is 1730 mm x 1700mm

3. Is the water spout height between 280mm - 305mm? : Yes (Rating: 1)

Measurement (mm) : 660

4. Is the height of operable parts (i.e. taps or levers) between 380mm - 1220mm above the ground? : Yes (Rating: 1)

Measurement (mm) : 1000

5. If there are operable parts, can they be operated using one hand, without tightly grasping, pinching, or twisting the wrist and with no more than 2.3kg of force? : Yes (Rating: 1)

Comments/Description : measurement is 1730 mm x 1700 mm

6. Is there a clear, level accessible route to the water tap? : Yes (Rating: 1)

Comments/Description : Note: Water tap is located in a parking area that is uphill from designated campsite area. It may be necessary to take a vehicle to access the water tap as the road/hill is steep. The water tap area itself is level and accessible.

Water Fountains

1. Is there a water fountain? : No (Rating: 0)

3. Is the spout opening height between 750mm - 915mm above the ground? : N_A (Rating: 0)

4. Is there a minimum width of 800mm clearance space directly in front of the water fountain? : N_A (Rating: 0)

5. Is there a clear, level accessible route to the water fountain? : N_A (Rating: 0)

Trash & Recycling Receptacles

1. Are there any trash &/or recycling receptacles? : Yes (Rating: 1)

2. Is the approach to the receptacle level, with no-step? : Yes (Rating: 1)

Comments/Description : Note: Trash receptacle and recycling receptacles are located in separate areas for this campsite area. The approach to the garbage is level when accessed from the front side only (sits part way up the road that is a hill - see photo). Recycling receptacles are located further up the hill and to the right, in a parking area (across from water tap).

3. If there are operable parts, is their height between 380mm - 1220mm above the ground? : Yes (Rating: 1)

Measurement (mm) : 960

Comments/Description : 960mm is the height of the trash receptacle; the recycling receptacles have a height of 1200 mm, where there is a hole through which to put cans, etc.

4. If there are operable parts, can they be operated using one hand, without tightly grasping, pinching, or twisting the wrist and with no more than 2.3kg of force? : No (Rating: 0)

Comments/Description : Trash receptacle requires use of flat hand, sliding into handle, pushing, then lifting up lid that would require more than 2.3 kg of force.

5. Is there a clear, level accessible route to the trash/recycling receptacle? : Yes (Rating: 1)

Comments/Description : As mentioned in #2, access route is level on one side for trash; level for the recycling receptacles.

Shelters

1. Are there any camp shelters? : No (Rating: 0)

2. What is the slope at the entrance to the camp shelter? : N_A (Rating: 0)

4. Is the shelter surface firm and stable? : N_A (Rating: 0)

5. Is there a clear, level accessible route to the camp shelter? : N_A (Rating: 0)

Benches

1. Are any benches provided? : No (Rating: 0)

2. If yes, how many benches are there? : N_A

3. Is the bench seat height between 485mm - 510mm? : N_A (Rating: 0)

4. Is there a minimum of 915mm x 1220mm clear ground space beside the bench? : N_A (Rating: 0)

5. Is there a clear, level accessible route to the bench? : N_A (Rating: 0)

Playground

1. Is there a playground? : Yes (Rating: 1)

Comments/Description : located at the day use picnic site - see WATER ACCESS for details

2 What type of surface is in the play area? : N_A

3. Is the play area surface firm and stable? : N_A (Rating: 0)

4. Are any of the playground components accessible to wheelchair users? If yes, please describe. : N_A (Rating: 0)

5. Is there a clear, level accessible route to the playground? : N_A (Rating: 0)

Amphitheatre

1. Is there an amphitheatre? : No (Rating: 0)

Amphitheatre Seating

2. Are an adequate number of wheelchair spaces provided? : N_A (Rating: 0)

3. Are wheelchair spaces dispersed to allow location choices and viewing angles equivalent to other seating, including specialty seating areas that provide distinct services and amenities? : N_A (Rating: 0)

4. Where people are expected to remain seated, do people in wheelchair spaces have a clear line of sight over and between the heads of others in front of them? : N_A (Rating: 0)

5. Where people are expected to stand, do people in wheelchair spaces have a clear line of sight over and between the heads heads of others in front of them? : N_A (Rating: 0)

6. If there is a single wheelchair space, is it at least 915mm wide? : N_A (Rating: 0)

7. If there are two adjacent wheelchair spaces, are they each at least 840mm wide? : N_A (Rating: 0)

8. If the wheelchair space can be entered from the front or rear, is it at least 1220mm deep? : N_A (Rating: 0)

0)

9. If the wheelchair space can only be entered from the side, is it at least 1525mm deep? : N_A (Rating: 0)

10. Do wheelchair spaces adjoin, but not overlap, accessible routes? : N_A (Rating: 0)

11. Is there at least one companion seat for each wheelchair space? : N_A (Rating: 0)

12. Is the companion seat located so the companion is shoulder-to-shoulder with the person in a wheelchair? : N_A (Rating: 0)

13. Is the companion seat equivalent in size, quality, comfort and amenities to seating in the immediate area? : N_A (Rating: 0)

2. Are there any public buildings (visitors centre/ interpretive centre/cafes etc) at the campground? : No (Rating: 0)

3. Are there any trails at the campground? : Yes - _TRAILS_checklist_must_also_be_completed (Rating: 0)

4. Is there a beach, dock/fishing platform or boat launch? : Yes - _WATER_ACCESS_checklist_must_also_be_completed (Rating: 0)

Additional comments regarding assessment: : Please Note: The campsite operator stated that although this campsite does not take reservations, those in need of the spaces designated for accessibility could email her at the info given on the website, and she would do her best to accommodate these visitors. She was very helpful for this audit! Also to note: Boya Lake is an area that often has Northern Lights, when there is a clear night.

Description of Photo 1 : Morning view of the lake from the campsite



Description of Photo 2 : Garbage receptacle; sits on a hill; has edge to concrete pad that may pose as a barrier for some wheelchairs



Description of Photo 3 : recycling receptacles: easy access style, level and clear approach

Description of Photo 4 : Water tap: lever style and clear access to tap make this an accessible feature

Water Access

Date of Audit : 2016-08-25

Body of water : Lake

Location : South east side of campground

Weather condition during audit : Sunny



Comments/Description : Two areas for parking that are near waterfront area. Parking is on gravel lot with no designation for accessibility

2. Are an adequate number of accessible spaces provided? : No _ _ Below _ Standard (Rating: 0)

Total # : 15

Accessible # : 0

Comments/Description : approx number of parking spaces; no designated accessible parking spot

Recommendations : Add signed designated accessible parking area

Improvement Priority : High

Estimated Cost : Med

3. Of the accessible spaces, is at least one a van accessible space?* : N_A (Rating: 0)

4. Are accessible spaces at least 2.4m wide with an access aisle at least 1.5m wide? Note: Two spaces may share an access aisle. : N_A (Rating: 0)

5. Are the access aisles marked to discourage parking in them? : N_A (Rating: 0)

6. Is the slope of the accessible parking spaces and access aisles no steeper than 1° in all directions? : N_A (Rating: 0)

7. Does the access aisle adjoin an accessible route? : N_A (Rating: 0)

8. Are accessible spaces identified with a sign that includes the International Symbol of Accessibility? Note: The International Symbol of Accessibility is not required on the ground. : N_A (Rating: 0)

9. Of the total parking spaces, are the accessible spaces located on the closest accessible route to the accessible entrance(s)? Note: If parking serves multiple entrances, accessible parking should be dispersed. : N_A (Rating: 0)

From : Day Use area

To: : Lake

Comments/Description : Access route to water is the campground road; connects campground to Day use area and to lake

2. What is the condition of the surface along this route? : Good

4. What is the type of surface? : Gravel

Clear Width

5. What is the typical route width (mm)? : More_than_1525 (Rating: 0)

Comments/Description : Road access - road is more than 3 m wide

6. What is the narrowest route width (mm)? : More_than_1525 (Rating: 0)

Obstacles

7. If the route is concrete, asphalt or boardwalk, are there any obstacles that exceed 13mm from the surface? : N_A (Rating: 0)

8. If yes, are the obstacles at least 1220mm apart? : N_A (Rating: 0)

9. If the route is anything other than concrete, asphalt or boardwalk, are there any obstacles that exceed 25mm from the surface? : No (Rating: 0)

10. If yes, are the obstacles at least 1220mm apart? : N_A (Rating: 0)

Openings

11. Are there any gaps or grates present that have an opening greater than 13mm? : No (Rating: 0)

12. If gaps/grates are present, do they run perpendicular to the path of travel? : N_A (Rating: 0)

Running Slope

13. What is the typical running slope on the route? : Moderate_2_-_3 (Rating: 1)

Comments/Description : From parking lot to waterfront area

14. What is the maximum running slope on the route? : Steep_3_-_5 (Rating: 0)

Comments/Description : road is wide with no ditches, so gentle slope

16. What is the maximum cross slope on the route? : Moderate_2_-_3 (Rating: 1)

Resting Intervals

17. Are there resting intervals at the top and bottom of a route where the grade exceeds 3°? : N_A (Rating: 0)

Comments/Description : no resting intervals needed - short route from parking lot

18. If the running slope is greater than 3°, are there resting intervals in the middle of the route when the length exceeds 9.1m? : N_A (Rating: 0)

Comments/Description : no obstacles

Comments/Description : no obstacles

Benches

21. Are there any benches along the route? : No (Rating: 0)

22. If yes, are the benches located approximately every 61m? : N_A (Rating: 0)

23. Is the bench seat height between 485mm - 510mm? : N_A (Rating: 0)

Ramps

24. Is there is a ramp? : No (Rating: 0)

25. Is the ramp at least 915mm wide?

Note: If there are handrails, measure between the handrails. : N_A (Rating: 0)

26. Is the surface stable, firm and slip resistant? : N_A (Rating: 0)

27. For each section of the ramp, is the running slope no greater than 5°?

Note: Rises no greater than 76mm with a slope no steeper than 7° and rises no greater than 150mm with a slope no steeper than 6° are permitted when due to space limitations. : N_A (Rating: 0)

28. Is there a level landing that is at least 1525mm long and at least as wide as the ramp: At the top of the ramp? : N_A (Rating: 0)

29. At the bottom of the ramp? : N_A (Rating: 0)

30. Is there a level landing where the ramp changes direction that is at least 1525mm x 1525mm? : N_A (Rating: 0)

31. If the ramp has a rise higher than 150mm are there handrails on both sides? : N_A (Rating: 0)

32. Is the top of the handrail gripping surface no less than 865mm and no greater than 965mm above the ramp surface? : N_A (Rating: 0)

33. Is the handrail gripping surface continuous and not obstructed along the top or sides? : N_A (Rating: 0)

34. If there are obstructions, is the bottom of the gripping surface obstructed no more than 20%? : N_A (Rating: 0)

Stairs

35. Are there floors or surfaces connected only by stairs, not an elevator or ramp? : No (Rating: 0)

36. How many flights of stairs are there? : N_A

37. If there are less than a flight, how many stairs are there? : N_A

38. Do all stair treads have a horizontal strip at the edge that is: 40mm-60mm deep, colour contrasted & extends the full width of the step? : N_A (Rating: 0)

39. If the stairs are not enclosed, is there a tactile warning system present at the landing of entrance to stairs system? : N_A (Rating: 0)

40. Are there handrails on both sides of the stairs at a uniform height of 860mm-920mm above the front step? : N_A (Rating: 0)

41. Do the handrails extend horizontally at the top and bottom of each flight of stairs? : N_A (Rating: 0)

42. Are the handrails continuous around landings? : N_A (Rating: 0)

43. Are the handrails continuously graspable, without interruption by vertical supports, newel posts, or other construction elements which require repositioning the hands while ascending or descending? : N_A (Rating: 0)

44. Do the handrails have a graspable cross-section that is either circular with an outside diameter of 30mm-40mm or elliptical with an outside perimeter of 100mm-125mm? : N_A (Rating: 0)

Beach

1. Is there a beach area? : No (Rating: 0)

2. What type of surface is the beach area? : N_A

Measurement

(m) : n/a

Comments/Description : n/a

4. Is there a clear route to the water edge that is: at least 915mm wide, level and has a firm/stable surface? : N_A (Rating: 0)

2. For each section of the gangway, is the running slope no greater than 5°? : No - Below Standard (Rating: 0)

Measurement

(angle °) : 7

3. Is the gangway at least 9.1m long? : No - Below Standard (Rating: 0)

Measurement

(m) : 3

4. If a transition plate is steeper than 3°, is there a landing at the end of the transition plate? : N_A (Rating: 0)

Comments/Description : no transition plate

Comments/Description : 2-3 gaps are up to 20mm

7. If there are railings/guards/handrails on the dock/fishing platform, are at least 25% accessible with no more than 865mm above the ground or deck? : N_A (Rating: 0)

8. Are the accessible railings dispersed throughout the dock/fishing platform? : N_A (Rating: 0)

9. Is there a clear space at least 1220mm long x 760mm wide at the accessible railing? : N_A (Rating: 0)

10. Is there a curb or barrier extending 51mm minimum above the surface of the dock/fishing platform? : N_A (Rating: 0)

11. If there are no railings, is there a clear space at least 1220mm long x 760mm wide on the dock/fishing platform surface? : N_A (Rating: 0)

Measurement
(angle °) : 9

Measurement
(m) : 9

4. What type of surface is the boat launch? : Concrete

2. How many accessible picnic tables are there? : 4

4. If the picnic table is longer than 2.7m, are there at least two wheelchair spaces provided? : N_A (Rating: 0)

5. Is there clear and level ground space, 915mm measured from back edge of seats/benches? : Yes -
_Exceeds_Standard

Measurement
(mm) : 2000

Comments/Description : For three of the tables, at least 2 m clearance from back edge of seats

Measurement
(mm) h x w x d : 730 x 730 x 500

Comments/Description : 730 Hx 730 W x 500 D

Comments/Description : This is a picnic shelter

3. What type of surface is in the camp shelter? : Concrete

Comments/Description : Note: surface surrounding shelter is hard packed gravel; edges into shelter are 20mm

Benches

1. Are any benches provided? : No (Rating: 0)

Recommendations : Add a bench to the grassy area by the dock/playground area.

2. If yes, how many benches are there? : N_A

3. Is the bench seat height between 485mm - 510mm? : N_A (Rating: 0)

4. Is there a minimum of 915mm x 1220mm clear ground space beside the bench? : N_A (Rating: 0)

5. Is there a clear, level accessible route to the bench? : N_A (Rating: 0)

Trash & Recycling Receptacles

1. Are there any trash &/or recycling receptacles? : No (Rating: 0)

Comments/Description : trash and recycling receptacles located by the campsite - see Camping Checklist

2. Is the approach to the receptacle level, with no-step? : N_A (Rating: 0)

3. If there are operable parts, is their height between 380mm - 1220mm above the ground? : N_A (Rating: 0)

4. If there are operable parts, can they be operated using one hand, without tightly grasping, pinching, or twisting the wrist and with no more than 2.3kg of force? : N_A (Rating: 0)

5. Is there a clear, level accessible route to the trash/recycling receptacle? : N_A (Rating: 0)

2. Is there a minimum of 1220mm clear ground space on all sides? : Yes - Exceeds Standard

**Measurement
(mm) : 2000**

Comments/Description : area around campfire min 2 m clearance

**Measurement
(angle °) : 1**

**Measurement
(mm) : 380**

5. Is the fire building surface height at least 230mm above the ground? : No (Rating: 0)

**Measurement
(mm) : 0**

Comments/Description : building surface flush with the ground

**Measurement
(mm) : 5**

2 What type of surface is in the play area? : Gravel

3. Is the play area surface firm and stable? : No (Rating: 0)

Comments/Description : deep loose gravel

4. Are any of the playground components accessible to wheelchair users? If yes, please describe. : No (Rating: 0)

Comments/Description : The playground is enclosed by a wooden border with no open access point. Playground components are not ones that would be considered accessible to wheelchair users

1. Is there water access in separate areas at the site? : No

2. Are there any trails commencing from water access? : Yes - _TRAILS_checklist_must_also_be_completed

3. Are any public washrooms located at water access? : Yes - _WASHROOMS_checklist_must_also_be_completed

Additional comments regarding assessment: : To Note: Not meant as an accessible activity - just info not mentioned on the website - Boya Lake also provides canoes and kayaks for rent on the lake (and also have pdf's as well).



Description of Photo 1 : View of Dock from Picnic Shelter.



Description of Photo 2 : Picnic Shelter view; has accessible picnic table inside; also included beside shelter is a food storage cache (right side). Low door on cache makes it accessible for all visitors. Shown on left side is boat launch area.



Description of Photo 3 : Day use picnic site, with accessible tables. Area is lined with rocks (seen on left) - prevents access to grass for wheelchairs in some areas, but the area is accessible from many spots



Description of Photo 4 : Playground facility. No wheelchair access; surrounded by wooden border with no accessible route; deep gravel, so surface is not level/sturdy. A bench for observers would be an asset to this area

Goods and Services

