Dalhousie Bike Rack Audit 2015
Contents

Introduction 4
Purpose 4
Methods 4
Findings 4

Studley Campus 5
Dalplex Entrance 5
Dalplex Parking Lot 5
Sheriff Residence 6
NRC, CNRC 6
LSC Main Entrance 6
LSC Behind Earth Science & Biology 7
LSC Tunnel Entrance 7
LSC Behind Sheriff 7
Ocean Sciences Building 8
Ocean Sciences Inside 8
Henry Hicks Univeristy Club 8
Chase Building 9
Dunn Building 9
Howe Hall Front 10
Behind Howe Hall 10
Bike Centre 11
Health and Performance 11
Mona Campbell Coburg 11
Mona Campbell LeMarchant 12
Mona Campbell Basement 12
Studley Residence 13
Killam LeMarchant 13
Killam LeMarchant & University 13
Killam Front Entrance 14
Student Union Building 14
McCain Building 15
Arts Centre 15
Rowe Building 15
Behind Rowe Building 16
Central Service Building 16
Central Service Parkade 16
6414 Coburg Road 17
Computer Science Building 17
Behind Computer Science 17
Weldon Law Left Side 18
Weldon Law Right Side 18
Demille House 19
School of Health and Performance 19
LeMarchant Building Staff Bike Room 20
LeMarchant Building South Side 20
LeMarchant Building Student Basement 21
LeMarchant Building North Side 21
Killam Loop 22

Sexton Campus 23
Medjuck 23
G.H. Murray 23
B Building 24
Sexton Gym 24
C Building  25
O’Brian Hall  25
O’Brian Cafeteria  25
F Building  26
Gerard Hall  26
Engineering Main Entrance  26
HR Theakston  27
Heat Treatment Lab  27
F Building  28
Cities and Environment Unit  28
Morroy Building  29

Carleton Campus  30
Dentistry Building  30
Dentistry Building College Street  30
Tupper Building  30
Tupper Building College Street  31
Chapter House  31
Life Sciences Research Institute  31
LSRI Basement  32

Agricultural Campus  33
Athletic Field  33
Langille Athletic Centre Back  33
Langille Athletic Centre Front  33
Langille Athletic Centre Entrance  34
Cox Road  34
Cox Institute Back  34
Cox Institute Main Entrance  35
Cox Institute Side  35
Banting Building  35
McRae Library Side  36
McRae Library Front  36
Collins Building Side  36
Collins Building Rear  37
Ruminant Animal Centre  37
Haley Institute Side  37
Haley Institute Front  38
Haley Institute Parking Lot  38
Extension Engineering  38
Dairy Building  39
Jenkins Hall  39
Trueman House  39
Chapman House  40
Chapman House  40
Introduction

Purpose
Audits of bicycle parking on Dalhousie’s Peninsula Campuses were performed in March 2010 and April 2012. These audits were used to create recommendations for the placement of future bike racks. Since then, the audits have been updated in the summer of 2012, the fall of 2013, and the spring of 2015.

The 2013 audit also say the addition of the newly merged Agricultural Campus located in Truro, NS. This will allow the Agricultural Campus to experience the same benefits as the Peninsula Campuses.

This information is used to compare Dalhousie’s Bicycle Parking to other similar-sized universities and to measure Dalhousie’s progress toward its goal of becoming a bicycle friendly university.

Methods
A bike rack audit was performed in Fall 2013 and updated in 2015. All of the bike racks from previous audits were revisited in order to verify the accuracy of previous audits and note any changes that may have occurred. Information from Dan Bayefsky’s thesis “Bicycle Parking at the Dalhousie Agricultural Campus” was used to locate the bike racks on the newly merged Agricultural Campus. The Fall 2013 audit is the first audit to include GPS coordinates for each of the racks. GPS coordinates were recorded using a Etrex 20 Garmin during site visits. All known new racks were visited and their information was recorded. Finally, the researcher did a university wide search for any additional new racks or racks which may not have been recorded in previous audits.

Findings

<table>
<thead>
<tr>
<th>Campus</th>
<th>Number of Spaces</th>
<th>Racks in Poor Condition</th>
</tr>
</thead>
<tbody>
<tr>
<td>Studley</td>
<td>653</td>
<td>9</td>
</tr>
<tr>
<td>Sexton</td>
<td>150</td>
<td>5</td>
</tr>
<tr>
<td>Carleton</td>
<td>157</td>
<td>0</td>
</tr>
<tr>
<td>AC</td>
<td>81</td>
<td>5</td>
</tr>
</tbody>
</table>

Note:
- Any rack that was loose, rusty or otherwise listed as anything other then good condition was considered as a rack in poor condition.
- In 2014/2015, 113 new bike parking spaces were added to the Studley Campus. This brings the total number of campus-wide bike parking spaces to 1041.
Studley Campus

**Dalplex Entrance**
Type: Staple  
Number of Spaces: 22  
Condition: Good  
Coordinates: 44.634354 -63.591856

**Dalplex Parking Lot**
Type: Staple  
Number of Spaces: 32  
Condition: Good  
Coordinates: 44.634217 -63.592403
Studley Campus

**Sheriff Residence**
Type: Staple/Comb  
Number of Spaces: 19  
Condition: Good/Loose  
Coordinates: 44.634664 -63.594309  
Note: Comb rack is loose and blocked by the staples.

**1312 Robie Street**
Type: Wave  
Number of Spaces: 5  
Condition: Rusty  
Coordinates: 44.638451 -63.586316

**LSC Main Entrance**
Type: Wave  
Number of Spaces: 12  
Condition: Loose  
Coordinates: 44.635956 -63.59359
Studley Campus

LSC Behind Earth Science & Biology
Type: Wave
Number of Spaces: 18
Condition: Good
Coordinates: 44.636472 -63.594336
Note: One rack has rust.

LSC Tunnel Entrance
Type: Wave
Number of Spaces: 12
Condition: Good
Coordinates: 44.63676 -63.593639

LSC Behind Sheriff
Type: Wave
Number of Spaces: 7
Condition: Good
Coordinates: 44.635429 -63.594259
Studley Campus

Ocean Sciences Building
Type: Ring
Number of Spaces: 30
Condition: Good
Coordinates: 44.636106 -63.59518

Ocean Sciences Inside
Type: Hanging Racks
Number of Spaces: 10
Condition: Good
Coordinates:

Henry Hicks University Club
Type: Staple
Number of Spaces: 18
Condition: Good
Coordinates: 44.636003 -63.592524
Studley Campus

Chase Building
Type: Wave
Number of Spaces: 6
Condition: Fair
Coordinates: 44.637241 -63.592983

Dunn Building
Type: Wave
Number of Spaces: 12
Condition: Fair
Coordinates: 44.637912 -63.593169
Note: Somewhat rusty.
Studley Campus

Howe Hall Front
Type: Staple/Wave
Number of Spaces: 14
Condition: Good
Coordinates: 44.638783 -63.591703

Behind Howe Hall
Type: Staple
Number of Spaces: 12
Condition: Good
Coordinates: 44.637906 -63.591504
Studley Campus

**Bike Centre**
Type: Staple  
Number of Spaces: 6  
Condition: Good  
Coordinates: 44.636332 -63.591031

**Studley Gym**
Type: Staple  
Number of Spaces: 24  
Condition: Good  
Coordinates: 44.636487 -63.590603

**Mona Campbell Coburg**
Type: Staple  
Number of Spaces: 16  
Condition: Good  
Coordinates: 44.639454 -63.590692
Studley Campus

Mona Campbell LeMarchant
Type: Staple
Number of Spaces: 32
Condition: Good
Coordinates: 44.63888 -63.590918

Mona Campbell Basement
Type: Hanging Racks
Number of Spaces: 7
Condition: Good
Coordinates:
Studley Campus

Studley Residence
Type: Staple
Number of Spaces: 6
Condition: Good
Coordinates: 44.6385 -63.590931

Killam LeMarchant
Type: Staple
Number of Spaces: 18
Condition: Good
Coordinates: 44.637637 -63.590506

Killam LeMarchant & University
Type: Staple
Number of Spaces: 12
Condition: Good
Coordinates: 44.637342 -63.590536
Studley Campus

**Killam Front Entrance**

Type: Wave  
Number of Spaces: 20  
Condition: Good  
Coordinates: 44.637217 -63.590504

**Student Union Building**

Type: Staple  
Number of Spaces: 40  
Condition: Good  
Coordinates: 44.636797 -63.588562
Studley Campus

McCain Building
Type: Comb
Number of Spaces: 8
Condition: Good/Loose
Coordinates: 44.637353 -63.589481
Note: Comb on right side of doors is loose.

Arts Centre
Type: Comb
Number of Spaces: 30
Condition: Good
Coordinates: 44.637591 -63.588793

Rowe Building
Type: Staple
Number of Spaces: 10
Condition: Good
Coordinates: 44.637286 -63.588445
Studley Campus

**Behind Rowe Buidling**
Type: Wave  
Number of Spaces: 8  
Condition: Good/Loose  
Coordinates: 44.637193 -63.58762

**Central Service Building**
Type: Wave  
Number of Spaces: 4  
Condition: Fair  
Coordinates: 44.636803 -63.587873

**Central Service Parkade**
Type: Comb  
Number of Spaces: 12  
Condition: Good  
Coordinates: 44.636929 -63.587519
Studley Campus

6414 Coburg Road
Type: Staple
Number of Spaces: 8
Condition: Good
Coordinates: 44.637514 -63.596864

Computer Science Building
Type: Staple
Number of Spaces: 14
Condition: Good
Coordinates: 44.637551 -63.587282

Behind Computer Science
Type: Wave
Number of Spaces: 4
Condition: Good
Coordinates: 44.637194 -63.587509
Studley Campus

**Weldon Law Left Side**
Type: Staple
Number of Spaces: 10
Condition: Good
Coordinates: 44.637854 -63.587539

**Weldon Law Right Side**
Type: Staple/Comb
Number of Spaces: 20
Condition: Good/Rusty
Coordinates: 44.637921 -63.587222
Note: Comb rack is quite rusty.
Studley Campus

Demille House
Type: Wave
Number of Spaces: 6
Condition: Good
Coordinates: 44.638615 -63.589349

School of Health and Performance
Type: Comb
Number of Spaces: 5
Condition: Loose
Coordinates: 44.634784 -63.591098
Note: Not bolted down at all.
Studley Campus

LeMarchant Place Staff Bike Room
Type: Staples, Hanging Racks
Number of Spaces: 8
Condition: Good
Coordinates: 44.388 – 63.3523

LeMarchant Place South Side
Type: Ring
Number of Spaces: 14
Condition: Good
Coordinates: 44.388 – 63.3520
Studley Campus

LeMarchant Place Student

Basement
Type: Staples, Hanging Racks
Number of Spaces: 61
Condition: Good
Coordinates: 44.389 – 63.3522

LeMarchant Place North Side
Type: Ring
Number of Spaces: 14
Condition: Good
Coordinates: 44.3811 – 63.3523
Studley Campus

Killam Loop
Type: Staple
Number of Spaces: 16
Condition: Good
Coordinates: 44.3812 – 63.3524
Sexton Campus

Medjuck
Type: Staple/Wave
Number of Spaces: 18
Condition: Good/Rusty
Coordinates: 44.643452 -63.574434
Note: Wave racks are rusty.

G.H. Murray
Type: Wave
Number of Spaces: 8
Condition: Loose
Coordinates: 44.64274 -63.574145
Note: One rack is quite loose.
Sexton Campus

**B Building**
Type: Wave/Staple  
Number of Spaces: 14  
Condition: Good  
Coordinates: 44.642531 -63.572711  
Note: Wave is blocked by the staples.

**Sexton Gym**
Type: Staple  
Number of Spaces: 10  
Condition: Good  
Coordinates: 44.642481 -63.572557
Sexton Campus

C Building
Type: Wall Mount
Number of Spaces: 4
Condition: Rusty
Coordinates: 44.642116 -63.573739
Note: People locking up to nearby barriers instead.

O´Brien Hall
Type: Staple
Number of Spaces: 14
Condition: Good
Coordinates: 44.641759 -63.572013

O´Brien Cafeteria
Type: Wall Mount
Number of Spaces: 3
Condition: Loose
Coordinates: 44.64198 -63.571905
Note: One wall mount is missing the top bolt.
Sexton Campus

F Building
Type: Staple
Number of Spaces: 12
Condition: Good
Coordinates: 44.643057 -63.574052
Note: One staple is slightly bent.

Gerard Hall
Type: Comb/Staple
Number of Spaces: 10
Condition: Good/Loose
Coordinates: 44.641447 -63.57431
Note: Comb rack is not bolted down at all, and both racks are over crowded.

Engineering Main Entrance
Type: Staple
Number of Spaces: 12
Condition: Good
Coordinates: 44.642536 -63.573323
Sexton Campus

HR Theakston
Type: Staple
Number of Spaces: 12
Condition: Good
Coordinates: 44.641833 -63.573683

Heat Treatment Lab
Type: Wall Mount
Number of Spaces: 9
Condition: Good
Coordinates: 44.642849 -63.573717
Note: A couple wall mounts are quite loose.
Sexton Campus

**F Building**
Type: Wall Mount  
Number of Spaces: 10  
Condition: Good  
Coordinates: 44.643455 -63.574141

**Cities and Environment Unit**
Type: Staple  
Number of Spaces: 10  
Condition: Good  
Coordinates: 44.641436 -63.572901
Sexton Campus

Morroy Building
Type: Staple
Number of Spaces: 4
Condition: Good
Coordinates: 44.641351 -63.57323
Carleton Campus

**Dentistry Building**
Type: Wave
Number of Spaces: 8
Condition: Good
Coordinates: 44.638574 -63.584864

**Dentistry Building College Street**
Type: Staple
Number of Spaces: 4
Condition: Good
Coordinates: 44.639476 -63.585608

**Tupper Building**
Type: Comb
Number of Spaces: 48
Condition: Good
Coordinates: 44.639269 -63.584138
Note: Racks are not bolted down, they are attached to adjacent racks.
Carleton Campus

Tupper Building College Street
Type: Staple
Number of Spaces: 36
Condition: Good
Coordinates: 44.639828 -63.584161

Chapter House
Type: Staple
Number of Spaces: 8
Condition: Good
Coordinates: 44.639663 -63.580697

Life Sciences Research Institute (LSRI)
Type: Comb
Number of Spaces: 36
Condition: Good
Coordinates: 44.639663 -63.580697
Carleton Campus

LSRI Basement
Type: Wall Hanger
Number of Spaces: 17
Condition: Good
Coordinates:
Agricultural Campus

**Athletic Field**
Type: Ring
Number of Spaces: 2
Condition: Good
Coordinates: 45.371939 -63.267849

**Langille Athletic Centre Back**
Type: Wave
Number of Spaces: 2
Condition: Good
Coordinates: 45.372612 -63.266817

**Langille Athletic Centre Front**
Type: Ring
Number of Spaces: 4
Condition: Good
Coordinates: 45.372887 -63.266273
Note: One ring is loose.
Agricultural Campus

Langille Athletic Centre Entrance
Type: Comb  
Number of Spaces: 3  
Condition: Rusty  
Coordinates: 45.372783 -63.26639  
Note: Not bolted down.

Cox Road
Type: Comb  
Number of Spaces: 4  
Condition: Good  
Coordinates: 45.37339 -63.265386

Cox Institute Back
Type: Comb  
Number of Spaces: 6  
Condition: Good  
Coordinates: 45.37342 -63.26558  
Note: Not bolted down.
Agricultural Campus

**Cox Institute Main Entrance**
Type: Ring  
Number of Spaces: 2  
Condition: Good  
Coordinates: 45.37364 -63.26601

**Cox Institute Side**
Type: Comb  
Number of Spaces: 3  
Condition: Rusty  
Coordinates: 45.374173 -63.265195  
Note: Not bolted down.

**Banting Building**
Type: Comb  
Number of Spaces: 3  
Condition: Slightly rusty  
Coordinates: 45.373788 -63.264132  
Note: Not bolted down.
Agricultural Campus

**McRae Library Side**
Type: Ring  
Number of Spaces: 4  
Condition: Good  
Coordinates: 45.373203 -63.263664

**McRae Library Front**
Type: Ring  
Number of Spaces: 4  
Condition: Good  
Coordinates: 45.373166 -63.263234

**Collins Building Side**
Type: Ring  
Number of Spaces: 4  
Condition: Good  
Coordinates: 45.372452 -63.261951
Agricultural Campus

Collins Building Rear
Type: Comb
Number of Spaces: 3
Condition: Rusty
Coordinates: 45.372436 -63.262262
Note: Not bolted down.

Ruminant Animal Centre
Type: Ring
Number of Spaces: 2
Condition: Good
Coordinates: 45.371434 -63.258408

Haley Institute Side
Type: Ring/Comb
Number of Spaces: 7
Condition: Good/Rusty
Coordinates: 45.371405 -63.260475
Note: Comb not bolted down.
Agricultural Campus

**Haley Institute Front**
Type: Ring  
Number of Spaces: 2  
Condition: Good  
Coordinates: 45.371466 -63.261226  
Note: A little loose.

**Haley Institute Parking Lot**
Type: Ring  
Number of Spaces: 2  
Condition: Good  
Coordinates: 45.371252 -63.26199

**Extension Engineering**
Type: Comb  
Number of Spaces: 6  
Condition: Good  
Coordinates: 45.3719 -63.262608  
Note: Not bolted down.
Agricultural Campus

Dairy Building
Type: Comb
Number of Spaces: 6
Condition: Good
Coordinates: 45.37151 -63.263536
Note: Not bolted down.

Jenkins Hall
Type: Ring
Number of Spaces: 2
Condition: Good
Coordinates: 45.371561 -63.264871

Trueman House
Type: Ring
Number of Spaces: 2
Condition: Good
Coordinates: 45.371371 -63.265803
Agricultural Campus

Chapman House
Type: Ring
Number of Spaces: 4
Condition: Good
Coordinates: 45.371523 -63.266411

Chapman House
Type: Ring
Number of Spaces: 4
Condition: Good
Coordinates: 45.37186 -63.265731