

## 13.0 Appendix A – LEED-NC Version 2.2 Evaluation



LEED-NC

### LEED-NC Version 2.2 Registered Project Checklist

Straumann USA  
 Andover, MA

Yes ? No

| 1 |  | 13 | Sustainable Sites  | 14 Points | Action Taken   |
|---|--|----|--|-----------|--|
| N |  |    | Prereq 1 <b>Construction Activity Pollution Prevention</b>                             | Required  | Certification was not been pursued so an ESC plan was not created.                                     |
| 1 |  |    | Credit 1 <b>Site Selection</b>   | 1         | Straumann USA was a renovation project that did not further develop any of the resticted areas listed. |
|   |  | 1  | Credit 2 <b>Development Density &amp; Community Connectivity</b>                       | 1         | Not implemented since LEED Certification was not pursued.  |
|   |  | 1  | Credit 3 <b>Brownfield Redevelopment</b>   | 1         |  |
|   |  | 1  | Credit 4.1 <b>Alternative Transportation, Public Transportation Access</b>             | 1         |  |
|   |  | 1  | Credit 4.2 <b>Alternative Transportation, Bicycle Storage &amp; Changing Rooms</b>     | 1         |  |
|   |  | 1  | Credit 4.3 <b>Alternative Transportation, Low-Emitting and Fuel-Efficient Vehicles</b> | 1         |  |
|   |  | 1  | Credit 4.4 <b>Alternative Transportation, Parking Capacity</b>                         | 1         |  |
|   |  | 1  | Credit 5.1 <b>Site Development, Protect of Restore Habitat</b>                         | 1         |  |
|   |  | 1  | Credit 5.2 <b>Site Development, Maximize Open Space</b>                                | 1         |  |
|   |  | 1  | Credit 6.1 <b>Stormwater Design, Quantity Control</b>                                  | 1         |  |
|   |  | 1  | Credit 6.2 <b>Stormwater Design, Quality Control</b>                                   | 1         |  |
|   |  | 1  | Credit 7.1 <b>Heat Island Effect, Non-Roof</b>   | 1         |  |
|   |  | 1  | Credit 7.2 <b>Heat Island Effect, Roof</b>   | 1         |  |
|   |  | 1  | Credit 8 <b>Light Pollution Reduction</b>  | 1         |  |

Yes ? No

|  |  | 5 | Water Efficiency   | 5 Points | Action Taken  |
|--|--|---|--|----------|---|
|  |  | 1 | Credit 1.1 <b>Water Efficient Landscaping, Reduce by 50%</b>                   | 1        | Not implemented since LEED Certification was not pursued. |
|  |  | 1 | Credit 1.2 <b>Water Efficient Landscaping, No Potable Use or No Irrigation</b> | 1        |   |
|  |  | 1 | Credit 2 <b>Innovative Wastewater Technologies</b>                             | 1        |   |
|  |  | 1 | Credit 3.1 <b>Water Use Reduction, 20% Reduction</b>                           | 1        |   |
|  |  | 1 | Credit 3.2 <b>Water Use Reduction, 30% Reduction</b>                           | 1        |   |

Yes ? No

|   |  | 6 | Energy & Atmosphere  | 17 Points | Action Taken  |
|---|--|---|--|-----------|---|
| N |  |   | Prereq 1 <b>Fundamental Commissioning of the Building Energy Systems</b> | Required  | Building was not commissioned<br>Based on Technical report 2<br>Straumann USA dose not comply with all sections of ASHRAE Standard 90.1-2004<br>New equipment did not use HFC's for refrigerant |
| N |  |   | Prereq 2 <b>Minimum Energy Performance</b>                               | Required  |   |
| Y |  |   | Prereq 3 <b>Fundamental Refrigerant Management</b>                       | Required  |   |
|   |  | 1 | Credit 1 <b>Optimize Energy Performance</b>                              | 1 to 10   | Not implemented since LEED Certification was not pursued.   |
|   |  | 1 | Credit 2 <b>On-Site Renewable Energy</b>                                 | 1 to 3    |   |
|   |  | 1 | Credit 3 <b>Enhanced Commissioning</b>                                   | 1         |   |
|   |  | 1 | Credit 4 <b>Enhanced Refrigerant Management</b>                          | 1         |   |
|   |  | 1 | Credit 5 <b>Measurement &amp; Verification</b>                           | 1         |   |
|   |  | 1 | Credit 6 <b>Green Power</b>  | 1         |   |

Yes ? No

|   |  | 13 | Materials & Resources   | 13 Points | Action Taken  |
|---|--|----|---|-----------|---|
| N |  |    | Prereq 1 <b>Storage &amp; Collection of Recyclables</b>                               | Required  | Not implemented since LEED Certification was not pursued. |
|   |  | 1  | Credit 1.1 <b>Building Reuse</b> , Maintain 75% of Existing Walls, Floors & Roof      | 1         |   |
|   |  | 1  | Credit 1.2 <b>Building Reuse</b> , Maintain 100% of Existing Walls, Floors & Roof     | 1         |   |
|   |  | 1  | Credit 1.3 <b>Building Reuse</b> , Maintain 50% of Interior Non-Structural Elements   | 1         |   |
|   |  | 1  | Credit 2.1 <b>Construction Waste Management</b> , Divert 50% from Disposal            | 1         |   |
|   |  | 1  | Credit 2.2 <b>Construction Waste Management</b> , Divert 75% from Disposal            | 1         |   |
|   |  | 1  | Credit 3.1 <b>Materials Reuse</b> , 5%  | 1         |   |
|   |  | 1  | Credit 3.2 <b>Materials Reuse</b> , 10%   | 1         |   |
|   |  | 1  | Credit 4.1 <b>Recycled Content</b> , 10% (post-consumer + ½ pre-consumer)             | 1         |   |
|   |  | 1  | Credit 4.2 <b>Recycled Content</b> , 20% (post-consumer + ½ pre-consumer)             | 1         |   |
|   |  | 1  | Credit 5.1 <b>Regional Materials</b> , 10% Extracted, Processed & Manufactured Region | 1         |   |
|   |  | 1  | Credit 5.2 <b>Regional Materials</b> , 20% Extracted, Processed & Manufactured Region | 1         |   |
|   |  | 1  | Credit 6 <b>Rapidly Renewable Materials</b>   | 1         |   |
|   |  | 1  | Credit 7 <b>Certified Wood</b>  | 1         |   |

Yes ? No

|   |  | 3 | 12   | Indoor Environmental Quality | 15 Points  | Action Taken |
|---|--|---|--|------------------------------|--|--------------|
| Y |  |   | Prereq 1 <b>Minimum IAQ Performance</b>  | Required                     | Based on Technical Report 1 Straumann USA does comply with the ventilation requirements of ASHRAE Standard 62.1-2004       |              |
| Y |  |   | Prereq 2 <b>Environmental Tobacco Smoke (ETS) Control</b>                      | Required                     | Straumann USA is a non-smoking facility  |              |
|   |  | 1 | Credit 1 <b>Outdoor Air Delivery Monitoring</b>                                | 1                            | Not implemented since LEED Certification was not pursued.  |              |
| 1 |  |   | Credit 2 <b>Increased Ventilation</b>  | 1                            | Based on Technical Report 1 Straumann USA does exceed the the ventilation requirements of ASHRAE Standard 62.1-2004 by 30% |              |
|   |  | 1 | Credit 3.1 <b>Construction IAQ Management Plan</b> , During Construction       | 1                            | Not implemented since LEED Certification was not pursued.  |              |
|   |  | 1 | Credit 3.2 <b>Construction IAQ Management Plan</b> , Before Occupancy          | 1                            |  |              |
|   |  | 1 | Credit 4.1 <b>Low-Emitting Materials</b> , Adhesives & Sealants                | 1                            |  |              |
|   |  | 1 | Credit 4.2 <b>Low-Emitting Materials</b> , Paints & Coatings                   | 1                            |  |              |
|   |  | 1 | Credit 4.3 <b>Low-Emitting Materials</b> , Carpet Systems                      | 1                            |  |              |
|   |  | 1 | Credit 4.4 <b>Low-Emitting Materials</b> , Composite Wood & Agrifiber Products | 1                            |  |              |
|   |  | 1 | Credit 5 <b>Indoor Chemical &amp; Pollutant Source Control</b>                 | 1                            |  |              |
|   |  | 1 | Credit 6.1 <b>Controllability of Systems</b> , Lighting                        | 1                            |  |              |
| 1 |  |   | Credit 6.2 <b>Controllability of Systems</b> , Thermal Comfort                 | 1                            | Thermostats were located in at least 50% of spaces   |              |
| 1 |  |   | Credit 7.1 <b>Thermal Comfort</b> , Design                                     | 1                            | According to mechanical designer facility was designed based on ASHRAE Standard 55   |              |
|   |  | 1 | Credit 7.2 <b>Thermal Comfort</b> , Verification                               | 1                            | Not implemented since LEED Certification was not pursued.  |              |
|   |  | 1 | Credit 8.1 <b>Daylight &amp; Views</b> , Daylight 75% of Spaces                | 1                            | Not Attained   |              |
|   |  | 1 | Credit 8.2 <b>Daylight &amp; Views</b> , Views for 90% of Spaces               | 1                            | Not Attained   |              |

Yes ? No

|  |  | 5 | Innovation & Design Process                                     | 5 Points | Action Taken   |
|--|--|---|---|----------|--|
|  |  | 1 | Credit 1.1 <b>Innovation in Design</b> : Provide Specific Title | 1        | None awarded since LEED Certification was not pursued. |
|  |  | 1 | Credit 1.2 <b>Innovation in Design</b> : Provide Specific Title | 1        |  |
|  |  | 1 | Credit 1.3 <b>Innovation in Design</b> : Provide Specific Title | 1        |  |
|  |  | 1 | Credit 1.4 <b>Innovation in Design</b> : Provide Specific Title | 1        |  |
|  |  | 1 | Credit 2 <b>LEED® Accredited Professional</b>                   | 1        | None listed on project                                 |

Yes ? No

| 4 |  |  | Project Totals (pre-certification estimates) | 69 Points |
|---|--|--|--|-----------|
|---|--|--|--|-----------|

Certified 26-32 points Silver 33-38 points Gold 39-51 points Platinum 52-69 points