# LEED 2009 for New Construction and Major Renovation

## Project Scorecard

**Project Name:** 9103 Western Michigan University  
**Project Address:** Yes

### SUSTAINABLE SITES

<table>
<thead>
<tr>
<th>Credits</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>26</td>
<td>Required</td>
</tr>
</tbody>
</table>

#### Credit 1
- Site Selection
- Construction Activity Pollution Prevention - Required
- Development Density and Community Connectivity
- Brownfield Redevelopment
- Alternative Transportation - Public Transportation Access
- Alternative Transportation - Bicycle Storage and Changing Rooms
- Alternative Transportation - Low-Emitting and Fuel-Efficient Vehicles
- Alternative Transportation - Parking Capacity
- Site Development - Protect or Restore Habitat
- Site Development - Maximize Open Space
- Stormwater Design - Quantity Control
- Stormwater Design - Quality Control
- Heat Island Effect - Nonroof
- Heat Island Effect - Roof
- Light Pollution Reduction

### WATER EFFICIENCY

<table>
<thead>
<tr>
<th>Credits</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>10</td>
<td>Required</td>
</tr>
</tbody>
</table>

#### Credit 1
- Water Use Reduction - Required
- Water Efficient Landscaping - Required
- Innovative Wastewater Technologies - Required
- Water Use Reduction - Required

### ENERGY & ATMOSPHERE

<table>
<thead>
<tr>
<th>Credits</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>35</td>
<td>Required</td>
</tr>
</tbody>
</table>

#### Credit 1
- Optimize Energy Performance - Required
- Improve by 12% for New Buildings or 9% for Existing Building Renovations
- Improve by 14% for New Buildings or 10% for Existing Building Renovations
- Improve by 18% for New Buildings or 14% for Existing Building Renovations
- Improve by 20% for New Buildings or 16% for Existing Building Renovations
- Improve by 22% for New Buildings or 18% for Existing Building Renovations
- Improve by 24% for New Buildings or 20% for Existing Building Renovations
- Improve by 26% for New Buildings or 22% for Existing Building Renovations
- Improve by 28% for New Buildings or 24% for Existing Building Renovations
- Improve by 30% for New Buildings or 26% for Existing Building Renovations
- Improve by 32% for New Buildings or 28% for Existing Building Renovations
- Improve by 34% for New Buildings or 30% for Existing Building Renovations
- Improve by 36% for New Buildings or 32% for Existing Building Renovations
- Improve by 38% for New Buildings or 34% for Existing Building Renovations
- Improve by 40% for New Buildings or 36% for Existing Building Renovations
- Improve by 42% for New Buildings or 38% for Existing Building Renovations
- Improve by 44% for New Buildings or 40% for Existing Building Renovations
- Improve by 46% for New Buildings or 42% for Existing Building Renovations
- Improve by 48%+ for New Buildings or 44%+ for Existing Building Renovations

#### Credit 2
- On-Site Renewable Energy - Required
- 1% Renewable Energy
- 3% Renewable Energy
- 5% Renewable Energy
- 7% Renewable Energy
- 9% Renewable Energy
- 11% Renewable Energy
- 13% Renewable Energy

#### Credit 3
- Enhanced Commissioning - Required

#### Credit 4
- Enhanced Refrigerant Management - Required
MATERIALS & RESOURCES

**Criteria**

**Storage and Collection of Recyclables**
- **Prereq 1:** Required

**Building Reuse - Maintain Existing Walls, Floors and Roof**
- **Credit 1.1:** Reuse 55%
- **Credit 1.1:** Reuse 75%
- **Credit 1.1:** Reuse 95%

**Building Reuse - Maintain Interior Nonstructural Elements**
- **Credit 1.2:**

**Construction Waste Management**
- **Credit 2:** 50% Recycled or Salvaged
- **Credit 2:** 75% Recycled or Salvaged

**Materials Reuse**
- **Credit 3:** Reuse 5%
- **Credit 3:** Reuse 10%

**Recycled Content**
- **Credit 4:** 10% of Content
- **Credit 4:** 20% of Content

**Regional Materials**
- **Credit 5:** 10% of Materials
- **Credit 5:** 20% of Materials

**Rapidly Renewable Materials**
- **Credit 6:**

**Certified Wood**
- **Credit 7:**

INDOOR ENVIRONMENTAL QUALITY

**Criteria**

**Minimum Indoor Air Quality Performance**
- **Prereq 1:** Required

**Environmental Tobacco Smoke (ETS) Control**
- **Prereq 2:** Required

**Outdoor Air Delivery Monitoring**
- **Credit 1:**

**Increased Ventilation**
- **Credit 2:**

**Construction Indoor Air Quality Management Plan - During Construction**
- **Credit 3.1:**

**Construction Indoor Air Quality Management Plan - Before Occupancy**
- **Credit 3.2:**

**Low-Emitting Materials - Adhesives and Sealants**
- **Credit 4.1:**

**Low-Emitting Materials - Paints and Coatings**
- **Credit 4.2:**

**Low-Emitting Materials - Flooring Systems**
- **Credit 4.3:**

**Low-Emitting Materials - Composite Wood and Agrifiber Products**
- **Credit 4.4:**

**Indoor Chemical and Pollutant Source Control**
- **Credit 5:**

**Controllability of Systems - Lighting**
- **Credit 6.1:**

**Controllability of Systems - Thermal Comfort**
- **Credit 6.2:**

**Thermal Comfort - Design**
- **Credit 7.1:**

**Thermal Comfort - Verification**
- **Credit 7.2:**

**Daylight and Views - Daylight**
- **Credit 8.1:**

**Daylight and Views - Views**
- **Credit 8.2:**

INNOVATION IN DESIGN

**Criteria**

**Innovation in Design**
- **Credit 1:**

**LEED® Accredited Professional**
- **Credit 2:**

REGIONAL PRIORITY

**Criteria**

**Regional Priority**
- **Credit 1:**

PROJECT TOTALS (Certification Estimates)

Certified: 40-49 points  Silver: 50-59 points  Gold: 60-79 points  Platinum: 80+ points