



LEED for New Construction v3.0
Registered Project Checklist



Toyota Logistic Services
2140 Pier B Street, Long Beach, CA 90802

		Project Totals (Pre-Certification Estimates)			110 Points
62	GOLD - ANTICIPATED	Certified: 40-49 points	Silver: 50-59 points	Gold: 60-79 points	Platinum: 80-110

9		Sustainable Sites		26 Points	Project Highlights
Yes	C Prereq 1	Construction Activity Pollution Prevention	Required		Plan in Place to Control Soil Erosion, Waterway Sedimentation, and Airborne Dust
1	D Credit 1	Site Selection	1		Previously Developed Site
1	D Credit 3	Brownfield Redevelopment	1		Remediated Site - Phase II Assesment
1	D Credit 4.2	Alternative Transportation, Bicycle Storage & Changing Room	1		Bike Racks (5% FTEs) and Changing Facilites/Showers (1% FTEs)
3	D Credit 4.3	Alternative Transportation, Low-Emitting & Fuel Efficient Vehicles	3		13.72% of the Parking is Reserved for Low Emitting Fuel Efficient Vehicles
2	D Credit 4.4	Alternative Transportation, Parking Capacity	2		No New Parking was Added to the Project
1	D Credit 7.2	Heat Island Effect, Roof	1		High Albedo Roofing Materials for Surface Reflectivity

7		Water Efficiency		10 Points	Project Highlights
Yes	D Prereq 1	Water Use Reduction	Required		36.9% Water Reduction from the Baseline
2	D Credit 1	Water Efficient Landscaping	2 to 4		84% Reduction in Potable Water Use for Landscaping
2	D Credit 2	Innovative Wastewater Technologies	2		Potable Water for Building Sewaegge Conveyance Reduced by 266%
3	D Credit 3.2	Water Use Reduction: 35%	3		36.9% Water Reduction from the Baseline

24		Energy & Atmosphere		35 Points	Project Highlights
Yes	C Prereq 1	Fundamental Commissioning of the Building Energy Systems	Required		Building's Systems Operate as Intended to Reduce Operational Costs
Yes	D Prereq 2	Minimum Energy Performance	Required		At Least a10% Improvement in the Proposed Building Performance Rating
Yes	D Prereq 3	Fundamental Refrigerant Management	Required		0 use of CFC-based refrigerants in the project's HVAC and refrigeration systems.
17	D Credit 1	Optimize Energy Performance	1 to 19		45.5% Improvement in the Proposed building Performance Rating vs the Baseline Building performance Rating
		Credit 1.17 44% New Building / 40% Existing Building	17		
2	C Credit 3	Enhanced Commissioning	2		Verify that staff are trained in the Operations Manual Making Certain the Operations are Running Correctly
3	C Credit 5	Measurement & Verification	3		Systems that Reduce Harmful Impacts or Refrigerants and Zero Use of Fire Suppression Systems with CFCs
2	C Credit 6	Green Power	2		Renewable Energy Credits to Offset Energy Use for the Project

5		Materials & Resources	14 Points	Project Highlights
Yes	D Prereq 1	Storage & Collection of Recyclables	Required	<p>Accessible Dedicated Area for the Collection and Storage of Materials for Recycling for the Entire Project</p> <p>89% of Construction and Demolition Waste Diverted from Landfills</p> <p>Based on the Formula the Project Obtained a Recycled Content Percentage of 26</p> <p>Based on the Formula the Project Obtained a Regional Materials Content Percentage of 13</p>
2	C Credit 2	Construction Waste Management , Divert 75% from Disposal	2	
2	C Credit 4	Recycled Content , 20% (post-consumer + 1/2 pre-consumer)	2	
1	C Credit 5	Regional Materials , 10% Extracted, Processed & Manufactured	1	

10		Indoor Environmental Quality	15 Points	Project Highlights
Yes	D Prereq 1	Minimum IAQ Performance	Required	<p>Comply with ASHRAE 62.1-2007 to Provide Outdoor Air to the Project Space</p> <p>TLS is a Smoke Free Workplace - Smoking is Prohibited On-Site</p> <p>Permanent Monitoring Systems Installed to Ensure the Ventilation Systems Maintain Design Minimum Requirements.</p> <p>Increased breathing zone outdoor air ventilation rates to all occupied spaces by at least 30% above the minimum rates required by ASHRAE Standard 62.1-2007</p> <p>Adhere to SMACNA IAQ Guidelines - HVAC Ducts Covered, Finishes Protected from Moisture, etc.</p> <p>Adhesives, Sealants Comply with South Coast Air Quality Management District (SCAQMD) Rule #1168</p> <p>All Low VOC Paints and Coatings Utilized on the Project</p> <p>All Flooring Installed is FloorScore or Greenguard Gold certified. Carpeting is <u>CRI</u> Green Label Plus or Green Label Certified</p> <p>Composite Wood and Laminating Adhesives Utilized Do Not Contain Added Urea-formaldehyde (UF) Resins</p> <p>Walkoff Entry Mats, Exhausted Hazardous Gases, and MERV 8 Filtration within the Project</p> <p>HVAC designs meet the requirements of ASHRAE standard 55-2004,</p> <p>Thermal Comfort Survey of Building Occupants within 6 to 18 Months After Occupancy.</p>
Yes	D Prereq 2	Environmental Tobacco Smoke (ETS) Control	Required	
1	D Credit 1	Outdoor Air Delivery Monitoring	1	
1	D Credit 2	Increased Ventilation	1	
1	C Credit 3.1	Construction IAQ Management Plan , During Construction	1	
1	C Credit 4.1	Low-Emitting Materials , Adhesives & Sealants	1	
1	C Credit 4.2	Low-Emitting Materials , Paints & Coatings	1	
1	C Credit 4.3	Low-Emitting Materials , Flooring Systems	1	
1	C Credit 4.4	Low-Emitting Materials , Composite Wood & Agrifiber Products	1	
1	D Credit 5	Indoor Chemicals & Pollutant Source Control	1	
1	D Credit 7.1	Thermal Comfort , Design	1	
1	D Credit 7.2	Thermal Comfort , Verification	1	

6		Innovation & Design Process	6 Points	Project Highlights
1	Credit 1.1	Innovation & Design: Green Cleaning	1	<p>Harmful Cleaning Chemicals are not utilized within the Project Space</p> <p>Education Component Online Demonstrating the Sustainability Attributes of TLS</p> <p>Harmful Pest Control Chemicals are not utilized within the Project Space</p> <p>A TriGen Fuel Cell is Powering the TLS Project</p> <p>Reduction of Emissions in the Port of Long Beach through the use of Hydrogen</p> <p>A LEED Professional was involved with all aspects of documenting the Project</p>
1	Credit 1.2	Innovation & Design: Green Education	1	
1	Credit 1.3	Innovation & Design: Integrated Pest Management	1	
1	Credit 1.4	Innovation & Design: Fuel Cell Renewable Electricity & Hydrogen Production	1	
1	Credit 1.5	Innovation & Design: Hydrogen fueling station supporting The Port	1	
1	Credit 2	LEED Accredited Professional	1	

1		Regional Priority	4 Points	Project Highlights
1	Credit 1.5	Regional Priority: WEC2 , Innovative Wastewater Technologies		One Point for Achieving WEC2 - Innovative Wastewater Technologies