

Seasons Development Limited

“Seasons Community-Summer Cluster B05”

2B+G+4 Residential Building



LEED® for New Construction v2.2

Total 41/69**

	Sustainable Sites	9/14
	Water Efficiency	3/05
	Energy & Atmosphere	11/17
	Material & Resources	3/13
	Indoor Environmental Quality	12/15
	Innovation in Design	3/05

****Certified 26+ points, Silver 33+ points, Gold 39+ points, Platinum 52+ points**

FAST FACTS

LEED Certification: USGBC LEED NCv2.2 Gold Certified Building
Built Up Area: 185,905 sq. ft
Location: Jumeirah Village South, Dubai, UAE
Completed: 2013
Date of Certification: 10th May' 2014

BENEFITS

- More than 66% Reduction in Total Irrigation Water Consumption
- More than 44% Reduction in Annual Energy Costs
- More than 30% Reduction in Annual water usage through efficient water fixtures
- More than 18% of total materials used with recycled content
- More than 37% of total materials used are harvested/manufactured locally
- Use of albedo materials for roofing, pavements to reduce heat island effect
- Use of eco-friendly materials for construction
- Improved indoor environmental quality and thermal comfort with the use of high efficiency mechanical systems
- Improved daylight & outdoor views

PROJECT BACKGROUND

The project is 2B+G+4 residential building for Seasons Development Limited located in Jumeirah Village South, Dubai, UAE.

The project has been designed, developed and will be operated as per local regulatory Environment, Health & Safety Division (EHS) guidelines and United States Green Building Council (USGBC)-Leadership in Energy & Environmental Design (LEED) Green Building requirements for New Construction LEED NCv2.2

Seasons Development Limited

“Seasons Community-Summer Cluster B05” 2B+G+4 Residential Building Plot No. JVC15FMRP200, Jumeirah Village South, Dubai, UAE

BUILDING

The project is known as “Seasons Community-Summer Cluster B05” 2B+G+4 Residential Building & is located at Jumeirah Village South, Dubai, UAE., that is regulated by Trakhees of Ports & Custom Free Zone Corporation (PCFC) of Dubai Government, and as a part of the local regulatory building engineering design and permitting process , it is lawfully required to adhere to the Trakhees’s-Environmental Health and Safety (EHS) Division’s Green Building Regulations.

SUSTAINABLE SITES

- Provided access to public transportation
- Encourages building occupants to practice car and van pooling
- Provided 100% parking under cover
- Provided 100% roofing materials meet the SRI requirements

ENERGY AND ATMOSPHERE

- High-efficiency HVAC equipment
- Efficient lighting controls & systems
- High-performance building envelope and insulation

GREEN EDUCATION

The Seasons Development Limited is engaging in an ongoing initiative to educate all of their own employees, building tenants, professional organizations and the general public to continuously promote awareness and increase adoption of sustainable products and design process.

OTHERS GREEN FEATURES INCLUDE

- The Project installed low flow features for toilets, urinals, faucets and showers which are standard practice in this water constrained region.
- The project has achieved the breathing zone outdoor air ventilation rates to all occupied spaces as per the minimum rates required by ASHRAE 62.1-2004.
- The project uses low emitting materials for construction

LESSONS LEARNED

- Incorporating green building requirements early on design stage
- Involvement of all the stakeholders in green building requirements to secure the certification
- Be sure to gain expert assistance in energy analysis

THE TEAM

Owner: Seasons Development Limited

Design Consultant: Dimensions Engineering Consultants

Contractor: Al Shafar General Contracting LLC

Green Building Consultant: GlobalTech Safety & Environmental Consultancy

LEED AP: Abhay Ambere, Firoz Khan & Vishal Nair

Commissioning Authority: GlobalTech Safety & Environmental Consultancy

Photograph Courtesy of: Seasons Development Limited



Seasons Development Ltd.

“Seasons Community - Summer Cluster B05” 2B+G+4 Residential Bldg. - Plot No. JVC15FMRP200, Jumeirah Village South, Dubai, UAE

44% reduction in annual energy costs

30% reduction in annual water use

LEED® Facts

Seasons Development Limited
Seasons Community - Summer Cluster B05
2B+G+4 Residential Building. - Plot No. JVC15FMRP200,
Jumeirah Village South, Dubai, UAE

Gold 41*

Sustainable Sites	9/14
Water Efficiency	3/05
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*Out of a possible 69 points

