

	IGBC Green Campus
Mana	igement of Irrigation Systems
wc c	redit 3 Points: 1-2
ntent	
Reduc	e water demand for irrigation through water efficient management systems and techniques.
South	liance Options:
Provid	liance Options: e or install highly efficient irrigation systems and techniques incorporating the features mentioned (1 point for every three measure; maximum 2 points)
Provid Delow	e or install highly efficient irrigation systems and techniques incorporating the features mentioned
Provid Delow	e or install highly efficient irrigation systems and techniques incorporating the features mentioned (1 point for every three measure; maximum 2 points) Central shut-off valve Soil moisture sensors integrated with irrigation system
Provid Delow	e or install highly efficient irrigation systems and techniques incorporating the features mentioned (1 point for every three measure; maximum 2 points) Central shut-off valve Soil moisture sensors integrated with irrigation system Turf and each type of bedding area must be segregated into independent zones based on
Provid below \$ \$	e or install highly efficient irrigation systems and techniques incorporating the features mentioned (1 point for every three measure; maximum 2 points) Central shut-off valve Soil moisture sensors integrated with irrigation system Turf and each type of bedding area must be segregated into independent zones based on watering needs
Provid below \$ \$ \$	e or install highly efficient irrigation systems and techniques incorporating the features mentioned (1 point for every three measure; maximum 2 points) Central shut-off valve Soil moisture sensors integrated with irrigation system Turf and each type of bedding area must be segregated into independent zones based on watering needs Atleast 50% of landscape planting beds must have a drip irrigation system to reduce evaporation
Provid below \$ \$ \$	e or install highly efficient irrigation systems and techniques incorporating the features mentioned (1 point for every three measure; maximum 2 points) Central shut-off valve Soil moisture sensors integrated with irrigation system Turf and each type of bedding area must be segregated into independent zones based on watering needs Atleast 50% of landscape planting beds must have a drip irrigation system to reduce evaporation Atleast 75% of turf area must have sprinkler irrigation system to reduce water loses
Provid below \$ \$ \$	e or install highly efficient irrigation systems and techniques incorporating the features mentioned (1 point for every three measure; maximum 2 points) Central shut-off valve Soil moisture sensors integrated with irrigation system Turf and each type of bedding area must be segregated into independent zones based on watering needs Atleast 50% of landscape planting beds must have a drip irrigation system to reduce evaporation Atleast 75% of turf area must have sprinkler irrigation system to reduce water loses Time based controller for the valves such that evaporation loss is minimised and plant health is
Provid below * * *	e or install highly efficient irrigation systems and techniques incorporating the features mentioned (1 point for every three measure; maximum 2 points) Central shut-off valve Soil moisture sensors integrated with irrigation system Turf and each type of bedding area must be segregated into independent zones based on watering needs Atleast 50% of landscape planting beds must have a drip irrigation system to reduce evaporation Atleast 75% of turf area must have sprinkler irrigation system to reduce water loses

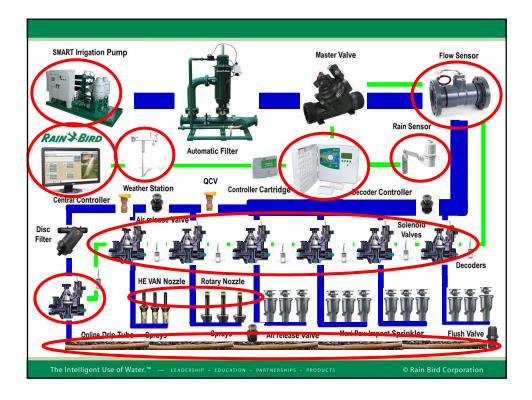
Waste Water Treatme	Waste Water Treatment and Reuse				
WC Credit 4	WC Credit 4				
Intent:					
	Treat waste water generated on-site, so as to avoid polluting the receiving streams by safe disposal. Use treated waste water, thereby reducing dependence on potable water.				
Compliance Options:					
Have an on-site treatn quality standards suita applicable. (AND) Waste Water Reuse: ( Use treated waste wat Air-conditioning cooling	Waste Water Treatment: (2 Points) Have an on-site treatment system to handle 100% of waste water generated in the campus, to the quality standards suitable for reuse, as prescribed by Central (or) State Pollution Control Board, as applicable.				
	cation Percentage of Tota regate) Catered troug Treated Waste V	jh			
Landscaping Centralised A cooling tower	ir-conditioning $\ge 50\%$	1 2			
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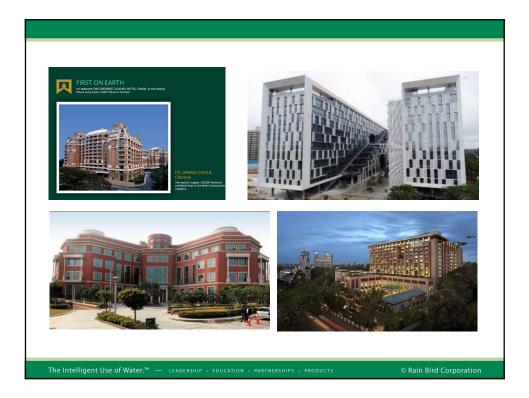
WATE	R CONSERVATION	
Man	agement of Irrigation Systems	
wco	Credit 2 Points: 1	
Inten	t:	
Reduc	e water demand for irrigation through water efficient management systems and techniques.	
Comp	liance Options:	
	le or install highly efficient irrigation systems incorporating the features mentioned below: num four features)	
*	Central shut-off valve	
*	Soil moisture sensors integrated with irrigation system	
*	Turf and each type of bedding area must be segregated into independent zones based on watering needs	
At least 75% of landscape planting beds must have a drip irrigation system to reduce evaporation		
Time based controller for the valves such that evaporation loss is minimised and plant health is ensured		
*	Pressure regulating device(s) to maintain optimal pressure to prevent water loss	
*	Any other innovative methods for watering	

WATER CONSERVATION			
Waste Water Treatment and	Reuse		
WC Credit 5		Points	s: 1-5
Intent:			
Treat waste water generated on-site,	so as to avoid polluting the receivin	g streams by safe dis	posal.
Use treated waste water, thereby redu	ucing dependence on potable water.		
Compliance Options:			
Waste Water Treatment: (2 Point	ts)		
	to handle 100% of waste water gene se, as prescribed by Central (or) Stat		
(And)			
Waste Water Reuse: (3 Points)			
	ast 25% of the total water required (if the project uses water-cooled ch		shing,
	Percentage of Total Water		1
Application (in aggregate)	catered through Treated Waste Water	Points	
Landscaping, Flushing	≥ 25%	1	1
and Cooling tower make-up	≥ 50% > 75%	2 3	

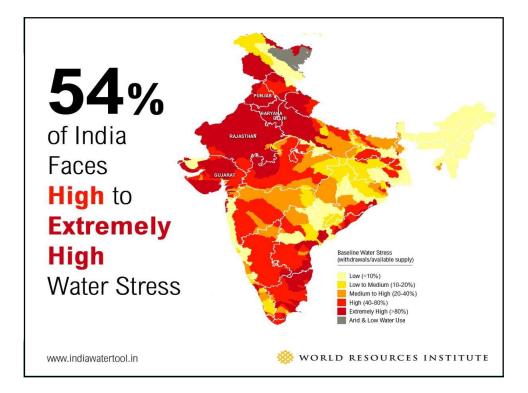
	IGBC Green Homes				
WATE	SR EFFICIENCY				
Mana	gement of Irrigation Systems Design Submittal				
WE C	redit 2 Points: 1				
Intent:					
Reduce	water demand for irrigation through water efficient management systems and techniques.				
Compl	iance Options:				
9.02000 <b>-</b> 0	or install highly efficient irrigation systems incorporating the features mentioned below:				
For Inc.	lividual Residential Unit: (minimum three features)				
*					
+	Turf and each type of bedding area must be segregated into independent zones based on watering				
*	needs Atleast 50% of landscape planting beds must have drip irrigation system to reduce evaporation				
*	Pressure regulating device(s) to maintain optimal pressure to prevent water loss				
*	Any other innovative methods for watering				
For Mi	ulti-dwelling Residential Units: (minimum four features)				
\$	Central shut-off valve				
\$	Moisture sensor controller				
*	Turf and each type of bedding area must be segregated into independent zones based on watering needs				
*	Atleast 50% of landscape planting beds must have drip irrigation system to reduce evaporation				
*	Time based controller for the valves such that evaporation loss is minimum and plant health is ensured				
*	Pressure regulating device(s) to maintain optimal pressure to prevent water loss				
*	Any other innovative methods for watering				
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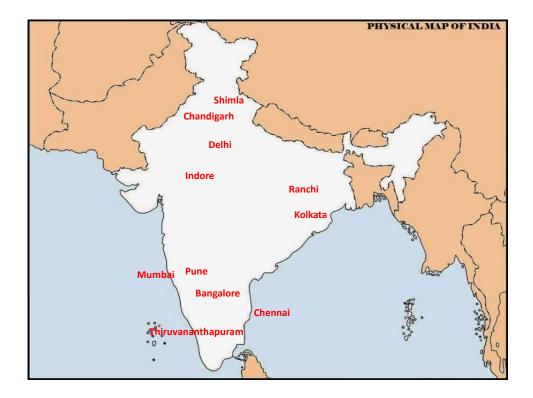
WATER EFFICIENCY			
Waste Wa	ter Treatment and Reuse	Desi	gn Submittal
Not applicable for Individ		Individual Resid	leria Unit
WE Credit	5	(	Points: 4
Intent:			
Reduce cons streams.	umption of potable water and waste water generation to min	imise the burden of	on municipal
Compliance	Options:		
♦ Was	te Water Treatment: (2 points)		
Prov	ride an on-site treatment system to treat 100% of waste wa	ater generated in t	the building/
	pus, to the quality standards suitable for reuse as prescribed	by Central (or) St	ate Pollution
Con	trol Board, as applicable.		
	te Water Reuse: (2 points)		
	se treated waste water or captured rain water for atleast 50% c irements.	of landscaping & fl	ushing water
Points are aw	rarded as below:		
[	Percentage of Landscaping & Flushing Water Requirement catered through Treated Water	Points	
1	≥ 50%	1	
		1	













How many commercial projects are with Automated Irrigation when tendered?	< 20%
How many existing commercial establishments are having Automated Irrigation?	< 10%
How many of the Top 30 Consultants include Automated Irrigation in all their tenders?	< 20%
How many of the commercial establishments have irrigation system metered?	< 5%
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	١	IGBC Green Campus	
Management of Irriga	tion Sys	tems	
WC Credit 3			Points: 1-2
Intent:			
Reduce water demand for	irrigation th	rough water efficient management syste	ems and techniques.
Compliance Options:			
Provide or install highly eff below: (1 point for every the		tion systems and techniques incorporative; maximum 2 points)	ing the features mentioned
<ul> <li>Turf and each type watering needs</li> <li>Atleast 50% of land</li> <li>Atleast 75% of turf a</li> <li>Time based control ensured</li> </ul>	scape plar area must ler for the device(s)	ed with irrigation system ng area must be segregated into ind ting beds must have a drip irrigation sys have sprinkler irrigation system to reduc valves such that evaporation loss is mi to maintain optimal pressure to prevent for watering	tem to reduce evaporation e water loses nimised and plant health is
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