Beginning in 2000, the Office of Sustainable Design has sponsored numerous projects under their High Performance Building program, resulting in not only better buildings but also in a raised awareness within DDC, other City agencies and the professional community. Many of these projects have incorporated the LEED™ certification program of the US Green Building Council, which will now be required for many of DDC's building construction projects under Local Law 86-2005. Below is a snapshot of the LEED credits anticipated by recent projects. They vary by building type, size, client group and environmental strategies adopted, but all share a commitment to energy efficiency, sustainable landscape practices, construction waste management and considered materials selection.

DDC Sustainable Design Projects Seeking USGBC Certification

LEED™ Credits Anticipated* July 2006

***Includes "Yes" and "Likely" Credits**

All Projects LEED NC2.1 Except Remsen Yard (NC2.2)

			Queens Botanical Garden	Brooklyn Children's Museum	Lion House Conversion	New Sunrise Yard	Office of Emergency Management	Weeksville Heritage Center	Glen Oaks Branch Library	Remsen Yard	% Projects Complying (8 Total)
Sustainable Sites		**Possible Points**									
Prereq 1	Erosion & Sedimentation Control	Req.	Y	Y	Y	Y	Y	Y	Y	Y	
Credit 1	Site Selection	1	1	1	1	1	1	1	1	1	100%
Credit 2	Development Density	1		1			1		1	1	50%
Credit 3	Brownfield Redevelopment	1	1			1	1			1	50%
Credit 4.1	Alternative Transportation, Public Transportation Access	1	1	1	1	1	1	1	1	1	100%
Credit 4.2	Alternative Transportation, Bicycle Storage & Changing Rooms	1	1	1	1	1	1	1	1	1	100%
Credit 4.3	Alternative Transportation, Alternative Fuel Vehicles	1	1				1				25%
Credit 4.4	Alternative Transportation, Parking Capacity and Carpooling	1	1		1	1	1	1		1	75%
Credit 5.1	Reduced Site Disturbance, Protect or Restore Open Space	1	1					1			25%
Credit 5.2	Reduced Site Disturbance, Development Footprint	1	1		1			1			38%
Credit 6.1	Stormwater Management, Rate and Quantity	1	1			1		1			38%
Credit 6.2	Stormwater Management, Treatment	1	1					1			25%
Credit 7.1	Landscape & Exterior Design to Reduce Heat Islands, Non-Roof	1	1	1	1	1	1	1	1	1	100%
Credit 7.2	Landscape & Exterior Design to Reduce Heat Islands, Roof	1	1			1	1		1	1	63%
Credit 8	Light Pollution Reduction	1	1	1	1	1	1	1	1		88%
	Subtotal	**14**	**13**	**6**	**7**	**9**	**10**	**10**	**7**	**8**	
Water Efficiency		**Possible Points**									
Credit 1.1	Water Efficient Landscaping, Reduce by 50%	1	1	1	1	1	1	1	1		88%
Credit 1.2	Water Efficient Landscaping, No Potable Use or No Irrigation	1	1	1	1	1	1	1	1	1	100%
Credit 2	Innovative Wastewater Technologies	1	1								13%
Credit 3.1	Water Use Reduction, 20% Reduction	1	1	1	1	1	1	1	1	1	100%
Credit 3.2	Water Use Reduction, 30% Reduction	1	1		1		1	1		1	63%
	Subtotal	**5**	**5**	**3**	**4**	**3**	**4**	**4**	**3**	**3**	
Energy & Atmosphere		**Possible Points**									
Prereq 1	Fundamental Building Systems Commissioning	Req.	Y	Y	Y	Y	Y	Y	Y	Y	
Prereq 2	Minimum Energy Performance	Req.	Y	Y	Y	Y	Y	Y	Y	Y	
Prereq 3	CFC Reduction in HVAC&R Equipment	Req.	Y	Y	Y	Y	Y	Y	Y	Y	
Credit 1.1	Optimize Energy Performance, 15% new / 5% renovation	1	1	1	1	1		1	1	1	88%
Credit 1.2	Optimize Energy Performance, 20% / 10%	1	1	1	1	1		1	1	1	88%
Credit 1.3	Optimize Energy Performance, 25% / 15%	1	1	1	1	1		1	1	1	88%
Credit 1.4	Optimize Energy Performance, 30% / 20%	1	1	1	1	1				1	63%
Credit 1.5	Optimize Energy Performance, 35% / 25%	1	1	1	1	1				1	63%
Credit 1.6	Optimize Energy Performance, 40% / 30%	1	1		1	1					38%
Credit 1.7	Optimize Energy Performance, 45% / 35%	1			1	1					25%
Credit 1.8	Optimize Energy Performance, 50% / 40%	1			1	1					25%
Credit 1.9	Optimize Energy Performance, 55% / 45%	1			1	1					25%
Credit 1.10	Optimize Energy Performance, 60% / 50%	1			1	1					25%
Credit 2.1	Renewable Energy, 5%	1	1	1						1	38%
Credit 2.2	Renewable Energy, 10%	1	1							1	25%
Credit 2.3	Renewable Energy, 20%	1								1	13%
Credit 3	Additional Commissioning	1	1	1	1	1	1	1	1		88%
Credit 4	Ozone Depletion	1					1	1	1		38%
Credit 5	Measurement & Verification	1		1							13%
Credit 6	Green Power	1	1								13%
	Subtotal	**17**	**10**	**8**	**11**	**11**	**2**	**5**	**5**	**8**	
Materials & Resources		**Possible Points**									
Prereq 1	Storage & Collection of Recyclables	Req.	Y	Y	Y	Y	Y	Y	Y	Y	
Credit 1.1	Building Reuse, Maintain 75% of Existing Shell	1									0%
Credit 1.2	Building Reuse, Maintain 100% of Shell	1									0%
Credit 1.3	Building Reuse, Maintain 100% Shell & 50% Non-Shell	1									0%
Credit 2.1	Construction Waste Management, Divert 50%	1	1	1	1	1	1	1	1	1	100%
Credit 2.2	Construction Waste Management, Divert 75%	1	1	1	1	1		1	1		75%
Credit 3.1	Resource Reuse, Specify 5%	1									0%
Credit 3.2	Resource Reuse, Specify 10%	1									0%
Credit 4.1	Recycled Content, Specify 5% (post-consumer+½ post-industrial)	1	1	1	1	1	1	1	1	1	100%
Credit 4.2	Recycled Content, Specify 10% (post-consumer+½ post-industrial)	1	1	1	1	1					63%
Credit 5.1	Local/Regional Materials, 20% Manufactured Locally	1	1	1	1	1	1	1	1	1	100%
Credit 5.2	Local/Regional Materials, of 20% Above, 50% Harvested Locally	1	1	1				1			38%
Credit 6	Rapidly Renewable Materials	1									0%
Credit 7	Certified Wood	1	1		1	1	1	1		1	75%
	Subtotal	**13**	**7**	**6**	**6**	**6**	**5**	**6**	**4**	**4**	
Indoor Environmental Quality		**Possible Points**									
Prereq 1	Minimum IAQ Performance	Req.	Y	Y	Y	Y	Y	Y	Y	Y	
Prereq 2	Environmental Tobacco Smoke (ETS) Control	Req.	Y	Y	Y	Y	Y	Y	Y	Y	
Credit 1	Carbon Dioxide (CO2) Monitoring	1	1	1	1		1	1	1	1	88%
Credit 2	Ventilation Effectiveness	1	1	1	1		1	1		1	75%
Credit 3.1	Construction IAQ Management Plan, During Construction	1	1	1	1	1	1	1	1	1	100%
Credit 3.2	Construction IAQ Management Plan, Before Occupancy	1	1	1	1		1	1	1	1	88%
Credit 4.1	Low-Emitting Materials, Adhesives & Sealants	1	1	1	1	1	1	1	1	1	100%
Credit 4.2	Low-Emitting Materials, Paints	1	1	1	1	1	1	1	1	1	100%
Credit 4.3	Low-Emitting Materials, Carpet	1	1	1	1	1	1	1	1	1	100%
Credit 4.4	Low-Emitting Materials, Composite Wood & Agrifiber	1	1	1	1	1	1		1	1	88%
Credit 5	Indoor Chemical & Pollutant Source Control	1	1	1	1	1	1	1	1	1	100%
Credit 6.1	Controllability of Systems	1	1			1		1		1	50%
Credit 6.2	Controllability of Systems	1	1					1		1	38%
Credit 7.1	Thermal Comfort, Design (Comply with ASHRAE 55-1992)	1	1		1	1		1	1		63%
Credit 7.2	Thermal Comfort, Verification (Permanent Monitoring System)	1			1				1		25%
Credit 8.1	Daylight & Views, Daylight 75% of Spaces	1	1		1	1		1		1	63%
Credit 8.2	Daylight & Views, Views for 90% of Spaces	1	1			1		1		1	50%
	Subtotal	**15**	**14**	**9**	**12**	**11**	**8**	**13**	**10**	**13**	
Innovation & Design Process		**Possible Points**									
Credit 1.1 - 1.4	Innovation in Design	4	4[A]	2[B]	4[C]	2[D]	3[E]	3[F]	2[G]		63%
Credit 2	LEED™ Accredited Professional	1	1	1	1	1	1	1	1	1	100%
	Subtotal	**5**	**5**	**3**	**5**	**3**	**4**	**4**	**3**	**1**	
Project Totals ("Yes" & "Likely" Credits Only)		**69**	**54**	**35**	**45**	**43**	**33**	**42**	**32**	**37**	
Certified 26-32 points Silver 33-38 points Gold 39-51 points Platinum 52-69 points			Platinum	Silver	Gold	Gold	Silver	Gold	Certified	Silver	

A Innovation in Design: Queens Botanical Garden
- Stormwater Capture & Combined Sewer Water Collection
- Composting Program
- Exemplary Performance, Water Use Reduction
- Interpretive Educational Display

B Innovation in Design: Brooklyn Children's Museum
- Education/Outreach
- Green Housekeeping

C Innovation in Design: Lion House Conversion
- Stormwater Management
- Green Housekeeping
- Exemplary Performance, Water Use Reduction
- Optimization of Process Water Use

D Innovation in Design: New Sunrise Yard
- Ultra Low Sulfur Diesel Construction Vehicles
- Elimination of Full Spray-On Fireproofing

E Innovation in Design: Office of Emergency Management
- Education/Outreach
- Green Operation & Maintenance w/ Integrated Pest Management
- Water Reduction (Waterless Urinals)

F Innovation in Design: Weeksville Heritage Center
- Interpretive Educational Display
- 100% Stormwater Capture
- Water Use Reduction 40%

G Innovation in Design: Glen Oaks Branch Library
- Education/Outreach
- Green Housekeeping