

Great Seneca Creek Elementary School

Little Bennett Elementary School

"Green and Sustainable" Benefits

"Green and Sustainable" Benefits

Geothermal mechanical system with individual heat pumps allows users individual comfort controls.
Bike storage w/ shower/changing rooms
Preferred carpool spaces
Waterless Urinals
Dual-Flush Toilets in Kindergarten Classrooms - pilot program
Low-Flow Aerators and Shower Heads
Sensored Faucets in Multi-Fount Lavatories at group toilets
Green Power
Energy Efficient Windows w/ Low-E Insulated Glass (NW7- Fiberglass Windows - pilot program)
Commissioning During Design, Construction, and Occupancy
Storage and Collection of Recyclables
Electric Hand Dryers in Boys' and Girls' Toilet Rooms - pilot program
100% Construction Waste Management
Low-Emitting Materials (Adhesives and Sealants, Paints, Carpets, Etc.)
Wheatboard Casework in Classrooms and Instructional Media Center
High Percentage of Recycled Materials (Recycled Toilet Partitions in Northwest ES 7)
Maximum Natural Daylight in Classrooms (Large Windows, Sloped Ceilings, Light Colors)
HCFC-Free Cooling

Geothermal mechanical system with individual heat pumps allows users individual comfort controls.
Bike storage
Waterless Urinals
Low-Flow Aerators and Shower Heads
Sensored Faucets in Multi-Fount Lavatories at group toilets
Green Power
Energy Efficient Windows w/ Low-E Insulated Glass
Commissioning During Construction, and Occupancy
Storage and Collection of Recyclables
80% Construction Waste Management
Low-Emitting Materials (Adhesives and Sealants, Paints, Carpets, Etc.)
Wheatboard Casework in Classrooms and Instructional Media Center
High Percentage of Recycled Materials
Maximum Natural Daylight in Classrooms (Large Windows, Sloped Ceilings, Light Colors)
HCFC-Free Cooling

Sustainable Sites

Sustainable Sites

Compact Footprint/ Overlapping Fields - Using less site minimize environmental impact
Light Pollution Reduction - Site lighting does not spill over to neighboring properties
Shade and High-Albedo - Plant shade trees and use High Albedo Materials
Energy Star Roof - High Albedo coating on the flat roof reduces the heat island effect.
Geothermal - Ground source well fields under adjacent ballfields
Native Plantings - no irrigation

Compact Footprint/ Overlapping Fields - Using less site minimize environmental impact
Light Pollution Reduction - Site lighting does not spill over to neighboring properties
Shade and High-Albedo - Plant shade trees and use High Albedo Materials
Energy Star Roof - High Albedo coating on the flat roof reduces the heat island effect.
Geothermal - Ground source well fields under adjacent ballfields
Native Plantings - no irrigation

Green Education

Green Education

Inspire and educate students about the environment with mural and floor patterns
Display boards/signs and monitors

Inspire and educate students about the environment with mural
Display boards

Water Use Reduction

Water Use Reduction

Waterless Urinals
Dual/Single Flush Toilets - pilot program
Multi-font Lavatories
Low-Flow Aerators and Shower Heads

Waterless Urinals
Multi-font Lavatories
Low-Flow Aerators and Shower Heads

Materials

Materials

Reduce VOC content
Monitor raw material extraction
Use of renewable products
Use of recycled products
Minimal transportation to site

Reduce VOC content
Use of renewable products
Use of recycled products
Minimal transportation to site

Indoor Environmental Quality

Indoor Environmental Quality

Construction IAQ Plan- Pilot
Day Lighting and views - natural daylighting increases learning
Individual controls in spaces
Operable windows

Day Lighting and views - natural daylighting increases learning
Individual controls in spaces
Operable windows