Students at John B. Day Elementary School, VBCPS
<http://www.vbschools.com/greenschools>

Greening Virginia's K-12 Schools: A Case Study of Current Initiatives

Survey by Sarah Butner, Virginia Sustainable Building Network

Summer 2008

Students at Grafton Bethel Elementary School, YCSD
<http://yorkcountyschools.org/greenYCSD/article2.htm

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Virginia Sustainable Building Network is a non-profit statewide organization that promotes Green Building and Sustainable Development for Virginia. In an effort to disseminate information about sustainability programs in our K-12 schools, we have gathered information from a sampling of school districts and created a report that is available as a resource on our website. To learn more about our organization, visit our website at www.vsbn.org.

The 12 school districts represented in this survey are a small sampling of Virginia's 134 school districts, but they represent a cross-section of what is being done in Virginia to green its K-12 schools. The survey was conducted during the Summer of 2008; all responses to the survey are included.

ALBEMARLE COUNTY PUBLIC SCHOOLS

Do you have any Facilities that have been built with sustainability in mind?
We're in the planning phase.

Do you have any new facilities that meet any of the LEED standards?
We're in the planning phase.

Do you have any facilities that have been renovated to meet LEED standards?
We're in the planning phase.

Have you signed any performance contracts that are used to upgrade energy efficiency?
No facilities.

Does your school district obtain any of its electricity from alternative sources (i.e. wind, solar)?
We're in the planning phase. Henley Middle School is raising funds for solar panels.

Are any of your facilities designed to use daylighting to offset lighting demand?
Some facilities.

Do you utilize green procurement (i.e. the procurement of goods and services with regard to their environmental impact)?
We're in the planning phase.

Are your grounds maintained with attention to their impact on the larger environment (eg. Native plants, non-petroleum fertilizers, compost yard waste)?
Some facilities.

Do any of your facilities use permeable paving materials?
Some facilities.

Do you have any vehicles that run on alternative fuels (eg. Biodiesel, ethanol (E85))?
Some facilities.

Do you have any hybrid vehicles?
No facilities.

Do you have a functional recycling program?
Yes.

Do you incorporate sustainability into academic programs or curricula?

Somewhat.

Do you have any gardens that are used for teaching purposes?
Yes.

Does your school district celebrate Earth Day with educational programming?
Somewhat.

Do your students participate in school energy audit programs?
No.

Has your school system received federal, state, or local recognition for energy efficiency or sustainability programs?
Yes. DEQ – VEEP E2.

Do you have an environmental or energy manager?
Yes.

Have you retrained any of your facilities personnel to be aware of energy efficiency and sustainability?
Yes.

Do any of your facilities use rainwater catchment systems? If yes, is the water used in gardening? Flushing toilets? Are you doing anything else to conserve water?
Scottsville Elementary – rain barrel for garden. Green roof in planning phase.

Do you have any particular sustainability goals or objectives?
Annual goals and objectives through Environmental Management system.

Topic 1: Safer Chemical Management
Objective: Implement Safer Chemical Management SOP and Administrative Policy
Target: Phase out all cleaners not covered by the policy by June 2998, and provide training for custodial and maintenance staff by July 31, 2998
Topic 2: Medical Waste Management
Objective: Formalize procedures for Medical Waste Management
Target: Develop SOP for managing medical waste by June 30, 2008
Topic 3: Energy Management
Objective: Reduce natural resource depletion through energy conservation practices
Target: Track energy cost avoidance in each school and develop energy education program by December 31, 2008
Topic 4: Audit, Emergency Preparedness, and Nonconformance Procedures
Objective: Virginia Environmental Excellence Program (VEEP) E3 Designation
Target: Add Internal Audit, Emergency Preparedness and Nonconformance Procedures to SOP by November 10, 2008
Topic 5: Pesticide Management
Objective: Use, store and dispose of all pesticides in a way that ensures compliance and pollution prevention
Target: Fully implement integrated Pest Management Program by August 2008
Topic 6: Recycling
Objective: Improve and expand current recycling program to include recycling more types of materials
Target: Expand commingled recycling to all schools and track amounts of recycled materials
Topic 7: Safety Training
Objective: Ensure employees implement safe work practices
Target: Develop Lockout/Tagout Program for affected school employees and update Hazard Communications Policy
Topic 8: Green Building
Objective: Obtain LEED for Schools Certification for Brownsville and AHS additions
Target: Obtain USGBC approval for design credit templates by June 2008

Any other relevant information?

(blank)

ALEXANDRIA CITY PUBLIC SCHOOLS

Do you have any facilities that have been built with sustainability in mind?
Some facilities. TC Williams HS, additions to existing facilities

Do you have any new facilities that meet any of the LEED standards?
Some facilities. TC Williams HS pending

Do you have any facilities that have been renovated to meet LEED standards?
Some facilities. All major renovations/ additions

Have you signed any performance contracts that are used to upgrade energy efficiency?
No facilities.

Does your school district obtain any of its electricity from alternative sources (i.e. wind, solar)?
Some facilities. Wind, solar in planning; ground source heat pump

Are any of your facilities designed to use daylighting to offset lighting demand?
Some Facilities. Occupancy sensors

Do you utilize green procurement (i.e. the procurement of goods and services with regard to their environmental impact)?
We're in the planning phase.

Are your grounds maintained with attention to their impact on the larger environment (eg. Native plants, non-petroleum fertilizers, compost yard waste)?
Some facilities.

Do any of your facilities use permeable paving materials?
We're in the planning phase.

Do you have any vehicles that run on alternative fuels (eg. Biodiesel, ethanol (E85))?
No facilities.

Do you have any hybrid vehicles?
Some facilities.

Do you have a functional recycling program?
Yes. Paper, cardboard, metal, composting cafeteria waste

Do you incorporate sustainability into academic programs or curricula?
Yes. Elementary schools

Do you have any gardens that are used for teaching purposes?
Yes. Green roof at high school; Children's gardens at elementary schools

Does your school district celebrate Earth Day with educational programming?
Yes.

Do your students participate in school energy audit programs?
Somewhat. Energy use

Has your school system received federal, state, or local recognition for energy efficiency or sustainability programs?
Yes.

Do you have an environmental or energy manager?
Yes. Not full time – Supervisor, Design and Construction

Have you retrained any of your facilities personnel to be aware of energy efficiency and sustainability?
Yes. Building engineers, custodians, …

Do any of your facilities use rainwater catchment systems? If yes, is the water used in gardening? Flushing toilets? Are you doing anything else to conserve water?
Yes. Collected water is used for flushing toilets, landscape watering, and cooling tower. We also have low water flush valves and waterless urinals.

Do you have any particular sustainability goals or objectives?
The School Board has adopted LEED standards as a basis of design for all major construction projects, both new and renovations.

Any other relevant information?
Environmental Action Committee has been established to further environmental strategies at all levels. Committee includes parents, teachers, staff, principals, and school board members.

ARLINGTON COUNTY PUBLIC SCHOOLS

Do you have any facilities that have been built with sustainability in mind?
Some facilities.

Do you have any new facilities that meet any of the LEED standards?
All facilities.

Do you have any facilities that have been renovated to meet LEED standards?
No facilities.

Have you signed any performance contracts that are used to upgrade energy efficiency?
No facilities.

Does your school district obtain any of its electricity from alternative sources (i.e. wind, solar)?
We're in the planning phase.

Are any of your facilities designed to use daylighting to offset lighting demand?
Some facilities.

Do you utilize green procurement (i.e. the procurement of goods and services with regard to their environmental impact)?
Some facilities.

Are your grounds maintained with attention to their impact on the larger environment (eg. Native plants, non-petroleum fertilizers, compost yard waste)?
No facilities.

Do any of your facilities use permeable paving materials?
Some facilities.

Do you have any vehicles that run on alternative fuels (eg. Biodiesel, ethanol (E85))?
Some facilities.

Do you have any hybrid vehicles?
Some facilities.

Do you have a functional recycling program?
Yes.

Do you incorporate sustainability into academic programs or curricula?
Somewhat.

Do you have any gardens that are used for teaching purposes?
Yes.

Does your school district celebrate Earth Day with educational programming?
Yes.

Do your students participate in school energy audit programs?
Somewhat.

Has your school system received federal, state, or local recognition for energy efficiency or sustainability programs?
We're in the planning phase.

Do you have an environmental or energy manager?
Yes.

Have you retrained any of your facilities personnel to be aware of energy efficiency and sustainability?
No.

Do any of your facilities use rainwater catchment systems? If yes, is the water used in gardening? Flushing toilets? Are you doing anything else to conserve water?
Mostly used in gardens; planning to use some for flushing.

Do you have any particular sustainability goals or objectives?
LEED is the primary program; special emphasis is placed on energy besides LEED

Any other relevant information?
(blank)

CHARLOTTESVILLE CITY PUBLIC SCHOOLS

Do you have any Facilities that have been built with sustainability in mind?
No facilities. We haven't constructed a new building or a major addition since the 1970s and have no plans to do so in the near future.

Do you have any new facilities that meet any of the LEED standards?
No facilities.

Do you have any facilities that have been renovated to meet LEED standards?
No facilities.

Have you signed any performance contracts that are used to upgrade energy efficiency?
All facilities. Implementation in Summer 2008

Does your school district obtain any of its electricity from alternative sources (i.e. wind, solar)?
All facilities. 5% of electricity usage is hydro-electric generated

Are any of your facilities designed to use daylighting to offset lighting demand?
No facilities.

Do you utilize green procurement (i.e. the procurement of goods and services with regard to their environmental impact)?
All facilities.

Are your grounds maintained with attention to their impact on the larger environment (eg. Native plants, non-petroleum fertilizers, compost yard waste)?
All facilities.

Do any of your facilities use permeable paving materials?
No facilities.

Do you have any vehicles that run on alternative fuels (eg. Biodiesel, ethanol (E85))?
All facilities. All school buses operate on biodiesel.

Do you have any hybrid vehicles?
No facilities.

Do you have a functional recycling program?
Yes.

Do you incorporate sustainability into academic programs or curricula?
Somewhat.

Do you have any gardens that are used for teaching purposes?
Yes.

Does your school district celebrate Earth Day with educational programming?
Yes.

Do your students participate in school energy audit programs?
No.

Has your school system received federal, state, or local recognition for energy efficiency or sustainability programs?
No.

Do you have an environmental or energy manager?
Yes.

Have you retrained any of your facilities personnel to be aware of energy efficiency and sustainability?
Yes.

Do any of your facilities use rainwater catchment systems? If yes, is the water used in gardening? Flushing toilets? Are you doing anything else to conserve water?
No.

Do you have any particular sustainability goals or objectives?
Achieved 13% reduction in energy consumption in school year 2006-07. Goal of 5% further reduction for 2007-08 will be reached. Energy Performance Contract should enable system to achieve goal of an additional 5% reduction.

Any other relevant information?
(blank)

CHESAPEAKE CITY PUBLIC SCHOOLS

Do you have any facilities that have been built with sustainability in mind?
Some facilities. We are considering sustainability design for future building construction.

Do you have any new facilities that meet any of the LEED standards?
Some facilities.

Do you have any facilities that have been renovated to meet LEED standards?
No facilities.

Have you signed any performance contracts that are used to upgrade energy efficiency?
We're in the planning phase.

Does your school district obtain any of its electricity from alternative sources (i.e. wind, solar)?
No facilities.

Are any of your facilities designed to use daylighting to offset lighting demand?
Some facilities. One high school currently utilizes daylighting and one middle school that is under construction includes daylighting in its design.

Do you utilize green procurement (i.e. the procurement of goods and services with regard to their environmental impact)?
Some facilities.

Are your grounds maintained with attention to their impact on the larger environment (eg. Native plants, non-petroleum fertilizers, compost yard waste)?
Some facilities.

Do any of your facilities use permeable paving materials?
Some facilities.

Do you have any vehicles that run on alternative fuels (eg. Biodiesel, ethanol (E85))?
We're in the planning phase.

Do you have any hybrid vehicles?
No facilities.

Do you have a functional recycling program?
Somewhat.

Do you incorporate sustainability into academic programs or curricula?
Somewhat.

Do you have any gardens that are used for teaching purposes?
Somewhat.

Does your school district celebrate Earth Day with educational programming?
Yes.

Do your students participate in school energy audit programs?
Somewhat. 70% of our schools participate

Has your school system received federal, state, or local recognition for energy efficiency or sustainability programs?
Somewhat. NEED Program awards and Lego Awards

Do you have an environmental or energy manager?
Yes.

Have you retrained any of your facilities personnel to be aware of energy efficiency and sustainability?
Yes. On an annual basis

Do any of your facilities use rainwater catchment systems? If yes, is the water used in gardening? Flushing toilets? Are you doing anything else to conserve water?
We are planning to use rainwater for flushing toilets, depending on building codes. We have installed waterless urinals in two buildings, and are in the initial stages of installing waterless urinals in all buildings. Low flush plumbing valves and fixtures are also used throughout the district.

Do you have any particular sustainability goals or objectives?
We are in the initial stages of developing a renovation and construction plan to build according to LEED guidelines.

Any other relevant information?
Chesapeake Public Schools has a successful six year energy education program that is classroom focused. We have incorporated energy efficiency in new construction and renovation. We are in the initial stages of Energy Performance Contracting and using LEED guidelines for renovation and construction projects. Student/Teacher energy teams audit their respective facilities and respond to the energy wasters identified. One of our Intermediate Schools LEGO teams received a national award for their “Alternative Energy” theme LEGO competition this past year. Last year our technical school received an award for their NEED submittal documenting their activities in energy auditing and testing at their facility.

CHESTERFIELD COUNTY PUBLIC SCHOOLS

Do you have any facilities that have been built with sustainability in mind?
No facilities. I would have to say that Chesterfield has no consensus on what sustainability means.

Do you have any new facilities that meet any of the LEED standards?
No facilities. Not in the schools, just one government building.

Do you have any facilities that have been renovated to meet LEED standards?
No facilities.

Have you signed any performance contracts that are used to upgrade energy efficiency?
Some facilities.

Does your school district obtain any of its electricity from alternative sources (i.e. wind, solar)?
No facilities.

Are any of your facilities designed to use daylighting to offset lighting demand?
Some facilities.

Do you utilize green procurement (i.e. the procurement of goods and services with regard to their environmental impact)?
No facilities.

Are your grounds maintained with attention to their impact on the larger environment (eg. Native plants, non-petroleum fertilizers, compost yard waste)?
No facilities.

Do any of your facilities use permeable paving materials?
No facilities.

Do you have any vehicles that run on alternative fuels (eg. Biodiesel, ethanol (E85))?
No facilities. Not in schools, but the government side has some B-20 vehicles.

Do you have any hybrid vehicles?
No facilities.

Do you have a functional recycling program?
No.

Do you incorporate sustainability into academic programs or curricula?
No. Not comprehensively. There are some specialized programs initiated by some individual teachers.

Do you have any gardens that are used for teaching purposes?
Somewhat. Yes, some individual teachers have taken this on.

Does your school district celebrate Earth Day with educational programming?
Somewhat.

Do your students participate in school energy audit programs?
No facilities. Only when I (Joe Lenzi, Energy Manager) initiate them. There is no planned or routine auditing practice.

Has your school system received federal, state, or local recognition for energy efficiency or sustainability programs?
No facilities.

Do you have an environmental or energy manager?
Yes.

Have you retrained any of your facilities personnel to be aware of energy efficiency and sustainability?
Yes. Retrained? No. Made aware? Yes.

Do any of your facilities use rainwater catchment systems? If yes, is the water used in gardening? Flushing toilets? Are you doing anything else to conserve water?
No.

Do you have any particular sustainability goals or objectives?
CCPS does not.

Any other relevant information?
CCPS has no leadership committed to sustainability or high-efficiency systems and technologies.

HENRICO COUNTY PUBLIC SCHOOLS

Do you have any facilities that have been built with sustainability in mind?
We're in the planning phase. We have one high school and one middle school that are LEED Silver.

Do you have any new facilities that meet any of the LEED standards?
We're in the planning phase.

Do you have any facilities that have been renovated to meet LEED standards?
No facilities.

Have you signed any performance contracts that are used to upgrade energy efficiency?
No facilities.

Does your school district obtain any of its electricity from alternative sources (i.e. wind, solar)?
No facilities.

Are any of your facilities designed to use daylighting to offset lighting demand?
No facilities.

Do you utilize green procurement (i.e. the procurement of goods and services with regard to their environmental impact)?
No facilities.

Are your grounds maintained with attention to their impact on the larger environment (eg. Native plants, non-petroleum fertilizers, compost yard waste)?
No facilities.

Do any of your facilities use permeable paving materials?
Some facilities.

Do you have any vehicles that run on alternative fuels (eg. Biodiesel, ethanol (E85))?
No facilities.

Do you have any hybrid vehicles?
No facilities.

Do you have a functional recycling program?
Somewhat.

Do you incorporate sustainability into academic programs or curricula?
Somewhat.

Do you have any gardens that are used for teaching purposes?
Yes.

Does your school district celebrate Earth Day with educational programming?
Yes.

Do your students participate in school energy audit programs?
Yes.

Has your school system received federal, state, or local recognition for energy efficiency or sustainability programs?
Yes.

Do you have an environmental or energy manager?
Yes.

Have you retrained any of your facilities personnel to be aware of energy efficiency and sustainability?
Yes.

Do any of your facilities use rainwater catchment systems? If yes, is the water used in gardening? Flushing toilets? Are you doing anything else to conserve water?
No.

Do you have any particular sustainability goals or objectives?
LEED initiative

Any other relevant information?
No.

NORFOLK PUBLIC SCHOOLS

Do you have any facilities that have been built with sustainability in mind?
Some facilities.

Do you have any new facilities that meet any of the LEED standards?
No facilities.

Do you have any facilities that have been renovated to meet LEED standards?
No facilities.

Have you signed any performance contracts that are used to upgrade energy efficiency?
All facilities. Lighting retrofits

Does your school district obtain any of its electricity from alternative sources (i.e. wind, solar)?
No facilities.

Are any of your facilities designed to use daylighting to offset lighting demand?
Some facilities.

Do you utilize green procurement (i.e. the procurement of goods and services with regard to their environmental impact)?
All facilities.

Are your grounds maintained with attention to their impact on the larger environment (eg. Native plants, non-petroleum fertilizers, compost yard waste)?
No facilities.

Do any of your facilities use permeable paving materials?
No facilities.

Do you have any vehicles that run on alternative fuels (eg. Biodiesel, ethanol (E85))?
No facilities.

Do you have any hybrid vehicles?
No facilities.

Do you have a functional recycling program?
We're in the planning phase.

Do you incorporate sustainability into academic programs or curricula?
We're in the planning phase.

Do you have any gardens that are used for teaching purposes?
No.

Does your school district celebrate Earth Day with educational programming?
We're in the planning phase.

Do your students participate in school energy audit programs?
We're in the planning phase.

Has your school system received federal, state, or local recognition for energy efficiency or sustainability programs?
We're in the planning phase.

Do you have an environmental or energy manager?
Yes. Capital Project Engineer – Energy Manager

Have you retrained any of your facilities personnel to be aware of energy efficiency and sustainability?
Yes.

Do any of your facilities use rainwater catchment systems? If yes, is the water used in gardening? Flushing toilets? Are you doing anything else to conserve water?
(blank)

Do you have any particular sustainability goals or objectives?
Currently installing a geothermal heating and cooling system at one of our elementary schools.

Any other relevant information?
(blank)

VIRGINIA BEACH CITY PUBLIC SCHOOLS

Do you have any facilities that have been built with sustainability in mind?
Some facilities.

Do you have any new facilities that meet any of the LEED standards?
All facilities. All of our new facilities are designed to achieve LEED Silver certification.

Do you have any facilities that have been renovated to meet LEED standards?
Some facilities.

Have you signed any performance contracts that are used to upgrade energy efficiency?
Some facilities.

Does your school district obtain any of its electricity from alternative sources (i.e. wind, solar)?
Some facilities.

Are any of your facilities designed to use daylighting to offset lighting demand?
Some facilities.

Do you utilize green procurement (i.e. the procurement of goods and services with regard to their environmental impact)?
Some facilities.

Are your grounds maintained with attention to their impact on the larger environment (eg. Native plants, non-petroleum fertilizers, compost yard waste)?
Some facilities.

Do any of your facilities use permeable paving materials?
We're in the planning phase.

Do you have any vehicles that run on alternative fuels (eg. Biodiesel, ethanol (E85))?
Some facilities.

Do you have any hybrid vehicles?
We're in the planning phase.

Do you have a functional recycling program?
Yes.

Do you incorporate sustainability into academic programs or curricula?
Yes.

Do you have any gardens that are used for teaching purposes?
Yes.

Does your school district celebrate Earth Day with educational programming?
Yes.

Do your students participate in school energy audit programs?
Somewhat.

Has your school system received federal, state, or local recognition for energy efficiency or sustainability programs?
Yes.

Do you have an environmental or energy manager?
Yes.

Have you retrained any of your facilities personnel to be aware of energy efficiency and sustainability?
Yes.

Do any of your facilities use rainwater catchment systems? If yes, is the water used in gardening? Flushing toilets? Are you doing anything else to conserve water?
Yes. For flushing toilets and gardening.

Do you have any particular sustainability goals or objectives?
Yes. Our ultimate goal is to become environmentally sustainable, while educating the local community about the importance of environmental sustainability.

Any other relevant information?
(blank)

WASHINGTON COUNTY PUBLIC SCHOOLS

Do you have any facilities that have been built with sustainability in mind?
No facilities.

Do you have any new facilities that meet any of the LEED standards?
No facilities.

Do you have any facilities that have been renovated to meet LEED standards?
No facilities.

Have you signed any performance contracts that are used to upgrade energy efficiency?
No facilities.

Does your school district obtain any of its electricity from alternative sources (i.e. wind, solar)?
No facilities.

Are any of your facilities designed to use daylighting to offset lighting demand?
Some facilities.

Do you utilize green procurement (i.e. the procurement of goods and services with regard to their environmental impact)?
Some facilities.

Are your grounds maintained with attention to their impact on the larger environment (eg. Native plants, non-petroleum fertilizers, compost yard waste)?
No facilities.

Do any of your facilities use permeable paving materials?
No facilities.

Do you have any vehicles that run on alternative fuels (eg. Biodiesel, ethanol (E85))?
No facilities.

Do you have any hybrid vehicles?
No facilities.

Do you have a functional recycling program?
Somewhat.

Do you incorporate sustainability into academic programs or curricula?
Yes.

Do you have any gardens that are used for teaching purposes?
Yes.

Does your school district celebrate Earth Day with educational programming?
Yes.

Do your students participate in school energy audit programs?
Yes.

Has your school system received federal, state, or local recognition for energy efficiency or sustainability programs?
No.

Do you have an environmental or energy manager?
Yes.

Have you retrained any of your facilities personnel to be aware of energy efficiency and sustainability?
Yes.

Do any of your facilities use rainwater catchment systems? If yes, is the water used in gardening? Flushing toilets? Are you doing anything else to conserve water?
No.

Do you have any particular sustainability goals or objectives?
Yes. We are investigating geothermal to reduce dependence on coal as a heat source.

Any other relevant information?
No.

WILLIAMSBURG – JAMES CITY COUNTY PUBLIC SCHOOLS

Do you have any facilities that have been built with sustainability in mind?
Some facilities.

Do you have any new facilities that meet any of the LEED standards?
No facilities.

Do you have any facilities that have been renovated to meet LEED standards?
No facilities.

Have you signed any performance contracts that are used to upgrade energy efficiency?
We're in the planning phase.

Does your school district obtain any of its electricity from alternative sources (i.e. wind, solar)?
No facilities.

Are any of your facilities designed to use daylighting to offset lighting demand?
Some facilities.

Do you utilize green procurement (i.e. the procurement of goods and services with regard to their environmental impact)?
No facilities.

Are your grounds maintained with attention to their impact on the larger environment (eg. Native plants, non-petroleum fertilizers, compost yard waste)?
Some facilities.

Do any of your facilities use permeable paving materials?
Some facilities.

Do you have any vehicles that run on alternative fuels (eg. Biodiesel, ethanol (E85))?
Some facilities. Buses during the warmer months

Do you have any hybrid vehicles?
No facilities.

Do you have a functional recycling program?
Yes.

Do you incorporate sustainability into academic programs or curricula?
Somewhat.

Do you have any gardens that are used for teaching purposes?
Somewhat.

Does your school district celebrate Earth Day with educational programming?
Somewhat.

Do your students participate in school energy audit programs?
We're in the planning phase.

Has your school system received federal, state, or local recognition for energy efficiency or sustainability programs?
No.

Do you have an environmental or energy manager?
No. It has been recommended.

Have you retrained any of your facilities personnel to be aware of energy efficiency and sustainability?
No.

Do any of your facilities use rainwater catchment systems? If yes, is the water used in gardening? Flushing toilets? Are you doing anything else to conserve water?
No.

Do you have any particular sustainability goals or objectives?
A School Board Policy is in draft form.

Any other relevant information?
Have put out a Request for Proposal (RFP) to have a company help the school division use less energy just by changing human behavior. Hopefully will be in place by September.

YORK COUNTY PUBLIC SCHOOLS

Do you have any facilities that have been built with sustainability in mind?
Some facilities.

Do you have any new facilities that meet any of the LEED standards?
No facilities.

Do you have any facilities that have been renovated to meet LEED standards?
No facilities.

Have you signed any performance contracts that are used to upgrade energy efficiency?
All facilities.

Does your school district obtain any of its electricity from alternative sources (i.e. wind, solar)?
No facilities.

Are any of your facilities designed to use daylighting to offset lighting demand?
Some facilities.

Do you utilize green procurement (i.e. the procurement of goods and services with regard to their environmental impact)?
No facilities.

Are your grounds maintained with attention to their impact on the larger environment (eg. Native plants, non-petroleum fertilizers, compost yard waste)?
Unknown.

Do any of your facilities use permeable paving materials?
No facilities. We are pushing for this.

Do you have any vehicles that run on alternative fuels (eg. Biodiesel, ethanol (E85))?
No facilities.

Do you have any hybrid vehicles?
No facilities.

Do you have a functional recycling program?
We're in the planning phase.

Do you incorporate sustainability into academic programs or curricula?
We're in the planning phase. We are trying to make this happen.

Do you have any gardens that are used for teaching purposes?
Yes.

Does your school district celebrate Earth Day with educational programming?
Yes.

Do your students participate in school energy audit programs?
Somewhat.

Has your school system received federal, state, or local recognition for energy efficiency or sustainability programs?
Yes.

Do you have an environmental or energy manager?
Yes.

Have you retrained any of your facilities personnel to be aware of energy efficiency and sustainability?
Yes.

Do any of your facilities use rainwater catchment systems? If yes, is the water used in gardening? Flushing toilets? Are you doing anything else to conserve water?
Not yet but we are pushing for this. We currently have a few waterless urinals.

Do you have any particular sustainability goals or objectives?
Geothermal HVAC in all future renovations and new construction, energy recovery wheels, occupancy sensors, VFDs for pumping, daylighting, commissioning. Would like to get LEED EB on some buildings. Want to install some PV panels and green roofs.

Any other relevant information?
We are on the EPA's Energy Star website.
We won the "Andromeda" star of energy efficiency from the Alliance to Save Energy this year (2008) and we won the Pinnacle of Excellence Award from ASBO.

Greening Virginia's K-12 Schools

SUSTAINABILITY CONTACTS, Summer 2008

School Division	Title	Last	First	Email	Phone	Website
Albemarle County PS	Environmental Compliance Manager	Check	Lindsay	lcheck@k12albemarle.org	434-975-9340	http://schoolcenter.k12albemarle.org/environmental
Alexandria City PS	Director, Educational Facilities	Krause	Mark	mkrause@acps.k12.va.us	703-824-6686	www.acps.k12.va.us
	Environmental Manager	Conrath	Dave	David.Conrath@acps.k12.va.us	703-824-6686	
Arlington PS	Energy Manager	Chisholm	Kevin	kchishol@arlington.k12.va.us	703-228-7731	
Charlottesville City PS	Assistant Superintendent - Administration	Henderson	Jim	James.Henderson@ccs.k12.va.us	434-245-2400	
Chesapeake City PS	Energy Program Administrator	Whitley	Gene	whitleeu@cps.k12.va.us	757-547-0139	
Chesterfield County PS	Energy Manager	Lenzi	Joe	lenzij@chesterfield.gov	804-748-1996	
Henrico County PS	Energy Manager	Walker	Jerry	wal03@co.henrico.va.us	804-501-5763	
Norfolk PS	Capital Project Engineer, School Plant	Okusaga	Ade	aokusaga@nps.k12.va.us	757-628-3385	
Virginia Beach City PS	Sustainable Schools Project Manager	Cole	Tim	jtcole@vbschools.com	757-263-1090	www.vbschools.com/greenschools
Washington County PS	Director of Facilities and Logistics	Bauer	L.A.	lbauer@wcs.k12.va.us	276-739-3033	
Williamsburg-James City County PS	re: recycling	Roney	Rita	RoneyR@wjcc.k12.va.us	757-253-6746	
	re: physical plant	Qualtrough	Ed	QualtroughE@wjcc.k12.va.us	757-565-2111	
York County PS	Supervisor of Resource & Security Control	Tschirhart	Mark	mtschirhart@ycsd.york.va.us	757-898-0499	http://yorkcountyschools.org/greenYCSD