



Sustainable Jersey for Schools Certification Report

This is the Sustainable Jersey for Schools Certification Report of Alder Avenue Middle School (Atlantic), a Sustainable Jersey for Schools bronze certified applicant.

Alder Avenue Middle School (Atlantic) was certified on September 22, 2015 with 260 points. Listed below is information regarding Alder Avenue Middle School (Atlantic)'s Sustainable Jersey for Schools efforts and materials associated with the applicant's certified actions.

Contact Information

The designated Sustainable Jersey for Schools contact for Alder Avenue Middle School (Atlantic) is:

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Actions Implemented

Each approved action and supporting documentation for which Alder Avenue Middle School (Atlantic) was approved for in 2015 appears below. Note: Standards for the actions below may have changed and the documentation listed may no longer satisfy requirements for that action. Additionally, points associated with actions prior to 2013 certifications may not be accurate.

Board Leadership & Planning

District Sustainability Policy

10 Points

District

Program Summary: A Sustainability Policy was presented to the Superintendent of Schools who,

in turn, presented it to the Board of Education at their one August meeting. New BOE policies require TWO readings. This policy will not be approved until September. A revised Energy Policy is also in the development stages.

PDF: [DISTRICT SUSTAINABILITY POLICY DOCUMENTATION](#)

School District Foundation

10 Points

School District

Program Summary: The Egg Harbor Township Education Foundation, Inc. was established in 1984. Recognizing the need to increase academic quality, the Foundation supplements existing programs and services to schools in the Egg Harbor Township School District. Each year, the Foundation awards staff mini-grants for innovative educational projects which benefit students at every grade level. \$155,000 worth of mini-grants have been awarded thus far. The Education Foundation was active in the past year and provided funds to support district and school sustainability programs or projects. Back up documentation shows a breakdown of the mini-grants that have been awarded in the past twelve months.

WORD: [SCHOOL DISTRICT FOUNDATION DOCUMENTATION](#)

Climate Mitigation & Renewable Energy

School Carbon Footprint

10 Points

 Bronze Priority School District

Program Summary: Carbon Footprint Alder Avenue Middle School The District Energy Program in Egg Harbor Township began a baseline of energy utilities (Natural Gas and Electric, and greenhouse gas emission in July of 2009. Utility bills with cost and usage etcetera have been kept since that date. The first full year of our data would have been from July 2009 to June 2010. For this submission we will use as our base year January - December 2010 for all schools. I have supplied ECAP reports on all our data which has been kept since then. I include Jan-Dec 2010, 2011, and 2014 in 6 different type reports. Our efforts have paid off. As part of our longer range goals and for our Sustainable Transition Plan we will attempt to have the Green teams at each school work in the data our Transportation (bus) fleets per school. This is a goal and will not be realized probably until 2015-2016 school year and depending may be over the scope of our earlier grades but we shall see if cross green team support is available. This certainly is where we want the program to go. Waste related emissions is also a project we would like to work into the plan for our students through the green teams. Alder School is probably the furthest along with following waste than any of our other schools. Our data is noted in total MMBTU's/Metric Tons of CO2E for the Jan-Dec 2010, 2011 & 2014 on GHG 02 PT reports. Also on GHG 01 reports include both direct and indirect emissions for gas and electric broken into CO2 Carbon dioxide, CH4 methane and N2O nitrous oxide on a combo report. Alder has reduced from 980 Mt emitted per year to 527 in 2014. A 47% reduction. ?

WORD: [CAP 01BU3 USAGE AVOIDANCE SUMMARY BY BUILDING ALDER](#)

WORD: [ALDER BUILDING ENERGY REPORT CARD](#)

PDF: [CAP 19A ALDER JAN 2013 TO JUNE 2015 SEE BOTTOM OF REPORT FOR CARBON REDUCTION BENEFITS](#)

PDF: [SCHOOL CARBON FOOTPRINT DOCUMENTATION](#)

PDF: [ALDER ENERGY REDUCTION IMPACT IN CO215A -CARBON FOOTPRINT 15B JAN2013-JUNE2015 DOCUMENTATION](#)

PDF: [EHT SD BUS AND VEHICLE DISTRICT SPREADSHEET 2013-2014 & 2014-2015](#)

Onsite Renewable Generation System - Solar

10 Points

School

Program Summary: The EHT School District Solar program came out of the 2006 & 2009 audit. We have been tracking generation since as early as Jan & Nov 2010, & July 2011. For most of our smaller schools which have large fields and large in comparison to the usage those generation percentages are in the 40-50%. Our larger schools have a lesser percentage but generate a good amount of solar. Alder Avenue School generated about over 15% of annual usage in 2014. For most EHT schools the documentation includes an ENERNOC kW graph showing solar generation picks up 100% of the school's kWh needs. ENEROC kW graphs are school specific. We also have generation worksheets for each school. For some schools I have included a digital flyer called solar Structural Engineering for Solar featuring all our schools except Davenport Primary which is new to the solar here. All Schools should show an aerial photo of the school's roof with the solar panels on them. We have included a file on the kiosk page and all our schools have a kiosk. (As previously mentioned three are presently under repair.) In the case of the newer Solar projects I have data on the spreadsheet called Certification with kW and kWhs especially if the school is a new solar school, (Davenport Primary) or the additional solar generation on our other schools (Swift and Slaybaugh Elementary). All other schools you can refer to the Generation Worksheets to see the actual solar generation numbers in kWh. Some schools may show 0 in generation. See comments for generation totals. All of this information is added to our Energy Program "Energy Cap" software and calculated into our Energy Program numbers and ENERGY STAR portfolio. Alder is an ENERGY STAR Certified School 2 years in a row (2013 and 2014).

WORD: [ALDER ENERNOC VIEW OF SOLAR GENERATION](#)

EXCEL: [ALDER SOLAR GENERATION WORKSHEETS](#)

PDF: [ONSITE RENEWABLE GENERATION SYSTEM - SOLAR DOCUMENTATION](#)

PDF: [ALDER SOLAR GENERATION SYSTEM KIOSK - SOLAR DOCUMENTATION](#)

IMAGE: [ALDER SOLAR SYSTEM PHOTO- SOLAR DOCUMENTATION](#)

EXCEL: [SOLAR DATE AND GENERATION DOCUMENTATION EHT - SOLAR DOCUMENTATION](#)

Diversity & Equity

Accessible Communications

10 Points

School District

Program Summary: The Egg Harbor Township School District is located in heart of Atlantic County, less than 8 miles from Atlantic City. With approximately 7,600 Pre-K - 12 students, Egg

Harbor Township (EHT) is the largest school district in the County. Egg Harbor Township School District is rich in ethnicity. 49% of students are white, 22% are Hispanic, 13% are Asian, 11% are Black, 4% are two or more races, and 1% are American Indian. Approximately 50% of students receive free and reduced meals, and about 15% are special education students. More than 40% of casino industry employees call EHT their home. The economy in the shore and off-shore areas in particular has been ravaged by the collapse of the casino industry, as well as systemic pressure from a struggling macro-economy. Over the past decade, the EHT School District has been forced to absorb an exorbitant number of new students due to our designation as a "Regional Growth Area" by the Pinelands Commission and have been consistently underfunded to address the needs of those students. The measurable gaps in performance between our high-achieving and low-achieving subgroups has worsened to the point that the Regional Achievement Center and the NJDOE have designated two of our schools as a RAC Focus School. Atlantic County consistently ranks at the bottom of the annual New Jersey Kids Count rankings, which measures progress in improving the lives of children in 13 critical areas. Approximately 27% of Atlantic County's 62,000 children were living in poverty in 2013, the most recent statistics available, according to Kids Count. The County in 2014 had the second highest family unemployment rate at 11.3 percent, compared to 5.7 percent statewide. This year's New Jersey State Kids Count report included a special section on race, which found that black, Hispanic and mixed race children, on average, struggle more than children of other races. These children are more likely to live in poverty, experience negative health outcomes, be involved in the state child protection and juvenile justice systems and struggle in school. The EHT School District has gone from 27% free and reduced lunch to approximately 50% in the last 10 years due to the diminishing economy. More than 15% of district students have special needs. To address the needs of students with disabilities and at-risk students, the district has reduced staffing in general education settings to meet the growing special education population and at-risk needs of our students. The cost for required paraprofessionals, mandated special education teachers to meet compliance, and a large increase in the autistic population has required district leaders to do more with less. Recent casino closings have severely impacted the Egg Harbor Township residents with over 1,066 losing their jobs from four recent casino closings. Since 2005 the unemployment rate in Atlantic County, New Jersey has ranged from 4.7% in May 2005 to 15.3% in January 2013. The current unemployment rate for Atlantic County is 8.8% as of June 2015 but that is only attributed to the seasonal impact of the hospitality industry which will change dramatically once summer ends. The unemployment rate in Atlantic County was 10.8% in September 2014 while the unemployment rate in New Jersey was 6.5% and the national rate was 5.9%. In the fall of 2014, the Egg Harbor Township School District reached out to the community for help in developing a new five-year Strategic Plan, facilitated by Consultant Charles Ivory of the Educational Information and Resource Center in Mullica Hill, Gloucester County. The participants first brainstormed individually about wish list items or changes they felt should be implemented within the district before collaborating in small groups to draft their top three to five suggestions to present to the entire group. We recognize that family and community engagement is a critical piece of the puzzle in improving student outcomes. By improving accessible communications, we have begun to see strengthened relationships with families and the community. Together we are working to expand our children's chances to reach achievement goals. We currently maintain solid partnerships with higher education institutions, Family Service Association, the Township of Egg Harbor, Egg Harbor Township Police, and other non-profit organizations that are dedicated to our children and their families and committed to the idea of ensuring access to services they need to provide a healthy, stable and positive home and school learning environment for the children of Egg Harbor Township. Our staff works hard to incorporate 21st century learning with technology and increased rigor into their daily lessons. Our very diverse student population is exposed to varying levels of learning in every classroom setting, with our focus on providing instruction specific to each child's needs and style of learning. Students receive a comprehensive education in Language Arts, Mathematics, Science, Social Studies, Physical Education, Health Education, Music, Art, Library and Media skills, and Computer Technology. Additionally we continue to implement district wide lessons in Science, Technology, Engineering, and Math (STEM) to help our students gain more skills for more relevant use in our world today. Students also receive extra opportunities for additional educational experiences through our district's Mini-Grant program, our community service projects for Recycling and our Coat Drive, our Physical Education classes'

participation in Atlantic Care's Healthy Schools program, and our annual 2nd & 3rd grade STEM Fair. Our reading specialist sponsors several programs for our students which include our annual "Read & Play Night", "Read Across America", and the "Accelerated Reader " program which challenge our students to read over 50,000 books each year! Our counselors provide programs such as our "Student Ambassadors" so current students may serve as welcome guides for new students, and our new Character Education program, which includes a building wide initiative to deal with life skills such as respect, citizenship, friendship, kindness, cooperation, responsibility, and anti-bullying/anti-violence skills. Counselors, our I&RS Team (Intervention & Referral Services) and our Child Study Team are spearheading team building initiatives throughout the year to help foster relations and pride in our schools. We also provide morning programs and summer programs to support our Title 1 students and English Language Learners. Parent and community support continue to play an important role in our school's success. Our Parents Club continues to provide assistance with character education assemblies, educational school trips, holiday food drives, family events, field days, parties, and our awards programs. Through their dedication and hard work, we have established an excellent relationship between our school and our community. Our students benefit directly from every activity planned by our Parents Club. In addition to our Parents Club, other community organizations work closely with us to provide much needed holiday food and clothing to our families in need. Partnerships have been developed with Atlantic Cape Community College, Richard Stockton College and Rowan University for teacher preparation. The Egg Harbor School Township School District has implemented Professional Learning Communities throughout all schools. Through this the District is able to support the development of productive team structures for teachers and administration to analyze data results to drive instruction. 6. The District plan is communicated to staff through school-based staff meetings and then posted on the District's common network server; which is accessible to all staff members. Furthermore, the plan is communicated to the community via www.eht.k12.nj.us. Increasing our district WIFI availability with the addition of access points. We increased WIFI coverage from 90% in 2012-2013 to 100% coverage for the 2013-2014 school year. This is all in support of the District's Bring Your Own Device (BYOD) and other wireless implementations. The community/district broadcast channel, EHT TV2 has continued to provide excellent programming during the 2013-2014 school year due to the addition of a Part Time TV studio assistant. These productions range from various High School sports and performing arts productions, informative sessions such as the "Superintendent's Round Table," and Township productions such as the "Mayor's Forum" and the filming of Township public meetings. The ITS Department has continued to upgrade equipment beyond the generous donation of new High Definition equipment provided by the local education foundation during the 2012-2013 school year. The department utilizes the Telvue Video Message Board System and digital video servers for video programming. This also includes PEGTV video archives for distribution on the internet, live internet distribution of the EHTTV2 video channels and other emergency management features through the new interface. During the 2013-2014 school year, EHT TV2 responded quickly to emergency snow closures, Township notifications and information, as well as school events and programming. Title I parent coordinators were hired at Davenport Elementary School (2) and Miller Elementary School (2) to educate Title I parents regarding the reading and math curricula in each grade level. They also instruct parents in helping children with homework and how to meaningfully participate in parent/teacher conferences. Over 500+ parents and children attended these trainings during 2013-2014. The EHT ESEA/NCLB website was improved to increase parent, teacher, student and administrator knowledge of ESEA/NCLB. The ELA and Math Pacing Guides for 2013-2014 were added and other academic websites were added to increase parent participation and knowledge of ESEA/NCLB as well as various resources. During 2013-2014, the ESEA-NCLB district website received a total of 5,498 hits! Test data analysts were hired through Title IIA funds. The purpose of these teacher data analysts was to identify student strengths and weaknesses on benchmark assessments to improve student test scores. During 2013-2014, 221 ELL students district-wide received ELL services consistent with Title III. We have completed the development of a four year "cycle" for coursework with ELL high school students. This is designed to help ELL students meet required HSPA standards as well as the revised WIDA standards which are assessed by the ACCESS testing, additional state testing for ELL students. Elementary school Title I parents were provided with workshops by parent coordinators (Davenport and Miller), to inform them of the Title I regulations, how to monitor their child's performance, and how to work with their child to

improve achievement. Parents were also instructed in how to use the EHT ESEA/NCLB website for educational opportunities for their children. The Egg Harbor Township Board of Education believes all reasonable means should be employed to keep the community served by the school district informed on matters of importance regarding district programs, finances, personnel, policies, and operations. As a result, Egg Harbor Township Schools has established an open line of accessible communication between its community members and the schools through various vehicles including: District Website Individual School Websites Individual Teacher Websites Additionally, the district utilizes: EHT-TV, a Governmental-Educational access information-sharing channel that serves as a Community Message Board. Based at Egg Harbor Township High School, and managed by Media students and staff members, EHT-TV is another means of the district's outreach efforts to offer accessible communications to parents and the community-at-large.

Community Strategic Planning: The Egg Harbor Township School District also solicits public input through an online Strategic Planning Community Survey. The survey, which can be found on the district's main website, www.eht.k12.nj.us, will be used to formulate a three-year strategic plan.

Open Houses and Parent-Teacher Conferences: Open-Houses and Parent-Teacher Conferences are held to ensure there is an opportunity for two-way communication between home and school throughout the school year. Parents of students also have access to their student's records via Infinite Campus Parent Portal. Blackboard Connect mass notification system is used to send timely vital information to parents and the surrounding community. These communications systems, as well as forms sent home, are made available in both English and Spanish. The District maintains a Public Information Program which can include but is not limited to the publication and distribution of a district Newsletter, home/school correspondence in both English and Spanish, promotion of upcoming public Board of Education meetings, Public Budget Presentations and Interpretation Sessions, periodically- distributed School Calendars and notices of events, the Superintendent's Annual Report, and a Pupil Handbook, as well as the release of news and photographs of school activities for publication via Media Releases to the Township's free weekly newspaper that is home-delivered to every resident.

PDF: [ACCESSIBLE COMMUNICATIONS DOCUMENTATION](#)

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Energy Efficiency

Energy Audit

5 Points

 Bronze Priority  Silver Priority School

Program Summary: Egg Harbor Township School District performed an original energy audit in 2006 by CAE Building Solutions & another in conjunction with Energy Education, Inc., in 2009. All Buildings measured basic square footage & utilities usage. The more recent was used for Energy Star portfolio build After these initial walk through audits, which was equivalent to an ASHRAE Level 1, prior to entering contract, more substantial audits were completed. Square footage, all HVAC, kitchen, boiler room, electrical, solar generation systems, lighting systems, and building structures. Data was entered by Cenergistic Engineering teams into Energy CAP data baseline tracking system ASHRAE Level 2. This information is protected proprietary information & cannot be made public per contract. We use this system still and it adjusts the information based on

weather conditions, temperature etcetera called baseline adjustment to current conditions (BATCC). Audit information is also entered into the Environmental Protection Agency's (EPA) and ENERGY STAR portfolio for all our 10 Schools and 3 other buildings in the district. These also have been updated over the years with additions of Solar systems, new HVAC equipment, meters, trailers, & building additions. We continuously audit our buildings energy usage throughout the year with a dedicated District Energy Manager. We have this audits back as far as 2010 for all our buildings. We will include samples of your energy audit reports, Electric demand audits, billing audits, and system audits. Now in our fourth year of the Energy Conservation Program this March 2015 we are putting together a Sustainable Energy Transition Plan over this year for each school and building for when our behavioral, and time/usage of day conservation scheduling plateau's. This project will have our Green Teams, District Energy, and Facilities to put together our plans to perform another internal audit room by room. Alder School has had 129 audits this past year and 235 over the last 24 months.

PDF: [CAE BUILDING SOLUTIONS 2006 AUDIT COVER PAGE](#)

PDF: [RENOVATIONS AND MAINTENANCE PLANS EHT SD](#)

EXCEL: [BUILDING & ENERGY AUDIT LOG REPORT](#)

PDF: [ALDER AUDITS FOR SJFS](#)

PDF: [ENERGY AUDIT DOCUMENTATION](#)

Building Efficiency Measures

30 Points

 Bronze Priority  Silver Priority School

Program Summary: Alder Middle School of the Energy Harbor Township School District, has been working on Energy Efficiency measures since 2010 as with the District Energy Policy that was adopted. We have adapted and contracted to work behavioral changes into our district and numerous other measures that help us in our quest to be more energy efficient in operations of our buildings, uses of our classrooms and facilities. We have adapted time of day schedules that have Unoccupied, Beginning of Day, Occupied, End of Day, and Shutdown periods that work in different levels of energy usage and usage avoidance. We also have different periods with Breaks, summer months, Shoulder months, and School in session where we adapt our operations to the session and weather to ensure our learning environment is Safe, Comfortable and Energy Saving. We will show we have ENERGY STAR recognition for many of our schools, Demonstrate usage of several systems that demonstrate our Energy Efficiency and Tracking such as, Demand Response Software, our ECAP Tracking System and Reports, Training, Managing and Auditing practices as they relate to this category. We will provide our reports from Baseline to 2014 or present showing our percentage of Usage Avoidance and Cost Avoidance and other data. We will submit our District Energy Policy and practices, our Auditing and Tracking data, for each school, a CAP 18Pt showing Savings in energy and cost for electric, gas, and water plus overall. Alder has a Cost avoidance of 46.7% and Usage Avoidance at 49.6%. A big contributor to our District overall Cost and Usage Savings of 37.3% and 38.% respectively.

PDF: [EHT SD ENERGY PROGRAM HANDBOOK 2015-2016/BOE ENERGY POLICY 7460](#)

PDF: [ALDER ENERGY 2006 AUDIT](#)

PDF: [CAP 18PT TOTAL SAVINGS](#)

PDF: [BUILDING EFFICIENCY MEASURES SUPPORT PACKAGE TOD SCHEDULES, ETC](#)

Energy Tracking & Management *Temporarily Suspended*

20 Points

School District

Program Summary: Egg Harbor Township has been doing extensive Energy Tracking through numerous software editions and organizations. Our main software is ENERGY CAP or ECAP, a global leader in Energy Tracking software. We have been tracking data since 2009 and the entire district since 2010. We also track our ENERNOC kW demand since late May 2014 when we originated the program. ENERGY STAR tracking also is in place for our ENERGY STAR Certifications through Cenergistic and ECAP. We have Bench marked through our Energy Companies Cenergistic and also ENERNOC, using ENERGY CAP (ECAP software) and ENERNOC's software. We also track our energy audits through Cenergistic and via spreadsheet. Solar is tracked via spreadsheet and entered into our Energy Usage and Savings data in ECAP via a solar conversion spreadsheet. See Solar for those spreadsheets uploads. Here at this school you see we have our kW Demand Tracking Spreadsheet, Our CAP 21 overall Energy Program Report Our CAP 13 is the Savings in a Period report which helps track usage , waste and possible problems with facilities. Also included is the CAP 7 Executive Summary with each school's Electric Gas Water for 2013, 2014 and to July 2015. Energy Usage is tracked monthly via utility bills which are entered into our ECAP software. This Software produces hundreds of reports depend whether you want an analysis report, billing, budgeting, Cost avoidance or Greenhouse gas reports to name a few. kW demand is tracked constantly during each week and monthly readings for each metered school is recorded via spreadsheet. Finally our CAP 19 19A and 19B is the Report used for our Board of Education Reports showing Cumulative Cost Savings, Cumulative Energy Savings, and Cumulative Energy Savings with a month to month graph. Alder's cost avoidance is 46.7% and Energy reduction 49.6% since 2013.

PDF: [ALDER ECAP CAP 21 REPORT](#)

PDF: [ALDER ECAP CAP 13 REPORT](#)

WORD: [EHT SD ENERGY STAR ALDER TRACKING DOCUMENTATION](#)

EXCEL: [ALDER ENERNOC KW TRACKING SPREADSHEET](#)

PDF: [EHT SD ECAP CAP 07 EXECUTIVE SUMMARY OF ALL DISTRICT ELECTRIC, GAS, AND WATER TRACKING](#)

Food & Nutrition

School Gardens

10 Points

School

Program Summary: The school garden at Alder Ave Middle has been in existence for over 10 years. What started small as a tool to teach about the environment by introducing students of organic gardening, quickly grew into a thriving project and representative of the AtlantiCare healthy Schools grant program. We have received six grants to expand the garden. Today the garden is not only used to provide lessons about the environment but also about healthy choices. Students are given the opportunity to learn how their food is grown and taste the fruits of their labor. We have used the kale grown in our garden for smoothies served during lunch, and introduced 'salad days' for staff and students using the fresh greens harvested the day before. The success of our garden has created some passionate student farmers who have volunteered their time during days of service to build other gardens at the district's elementary schools and to tend to the 6-acre Community Teaching Garden on the grounds of the Greate Egg Harbour Historical Society. The success of our students and the outdoor classroom garden program has

not gone unnoticed. In 2009 the school garden was included in Edible Jersey Magazine and has contributed to countless national, international and local awards and grants for the district-wide environmental education program. <http://ediblejersey.com/editorial/spring-2012/food-for-thought-762/>

WORD: [SCHOOL GARDENS DOCUMENTATION](#)

PDF: [SCHOOL GARDENS DOCUMENTATION](#)

IMAGE: [SCHOOL GARDENS DOCUMENTATION](#)

PDF: [SCHOOL GARDENS DOCUMENTATION](#)

Green Cleaning

Green Cleaning Supplies

10 Points

School District

Program Summary: The Egg Harbor Township School District recognizes the need to use 100% certified green cleaning products in areas occupied by students and staff. The district uses certified general purpose cleaning supplies, green certified carpet cleaners, sealers and finish products, glass and window cleaners, bathroom and bowl cleaners, hand soaps, and degreasing agents. These products meet nationally recognized green certification standards as set forth as follows using Green Seal Certified Products: #1 Glass Cleaner, #3 Neutral Cleaner, #8 General Purpose Cleaner. Additionally, the district uses #13 Fresh Scent and #15 Non Acid Restroom Cleaner. #15 is an EPA registered disinfectant and because it is a disinfectant, cannot be Green Seal Certified. But both products are considered green as super concentrates. They reduce the plastic packaging, reduce the volume of the waste stream, and have reduced environmental impact. Working with various vendors, the district sought out those products which would provide a safe and healthy environment for students, staff, and visitors. Mr. William Hurley, Director of Facilities, has updated facilities' staff and held training on the use of green cleaning products. Mr. Hurley, in conjunction with his head custodians, monitors and evaluates the performance of green cleaning products in order to gain feedback on their effectiveness.

PDF: [GREEN CLEANING SUPPLIES DOCUMENTATION](#)

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Green Purchasing

Green Purchasing Policy

10 Points

 Bronze Priority  Silver Priority District

Program Summary: The Egg Harbor Township School District is in the process of developing a Green Purchasing Policy which will incorporate purchasing of goods and services to minimize impacts on human health and the environment. The district will attempt to purchase products made from recycled content that are themselves recyclable. Recognizing the energy and water needed to manufacture and produce products, a green purchasing policy would encourage the commitment to environmentally preferable purchasing. This policy would outline standards and procedures for selecting products based on environmental criteria. As per the action plan for the District Sustainability Policy requirements will be incorporated into the Green Purchasing Policy. After adoption of this policy, it will be distributed to all administrative staff and facility heads and posted on the district website.

PDF: [GREEN PURCHASING POLICY DOCUMENTATION](#)

PDF: [GREEN PURCHASING POLICY DOCUMENTATION](#)

Healthy School Environments

Anti-Idling Education & Enforcement

10 Points

School District

Program Summary: Simply stated, it's the law: "Control and Prohibition of Air Pollution From Diesel-Powered Motor Vehicles" N.J.A.C. 7:27-14, and "Control and Prohibition of Air Pollution From Gasoline-Fueled Motor Vehicles" N.J.A.C. 7:27-15 dictated how school districts are mandated to follow those laws. On November 10, 2004, Egg Harbor Township Schools signed the "No Idling Pledge" (see documentation). The "No Idling Pledge" meant that Egg Harbor Township Schools agreed to implement practices to eliminate or reduce idling. Egg Harbor Township School Bus drivers are given a Transportation Training Manual, which is updated annually with new information. A new chapter on Idling Regulations and Idling Enforcement was added to the manual in March of 2015 (see documentation), and sent to all bus drivers via memo, that enforces elimination of all idling even when loading and unloading students. "No Idling" signs are posted at drop-off and pick-up zones at each school. The district Transportation Department Director, Mr. Warren Fipp, holds training for all bus drivers on the importance of excessive bus idling and proper bus maintenance. In addition to the training, he communicates by memorandum and radio with bus drivers. The Egg Harbor Township School District Transportation Department was selected as a "Great Fleet" by the School Bus Fleet, magazine and was the only fleet from New Jersey selected. Anti-idling is included in driver education classes for students at Egg Harbor Township High School.

: [ANTI-IDLING EDUCATION & ENFORCEMENT DOCUMENTATION](#)

PDF: [ANTI-IDLING EDUCATION & ENFORCEMENT DOCUMENTATION](#)

PDF: [ANTI-IDLING EDUCATION & ENFORCEMENT DOCUMENTATION](#)

PDF: [ANTI-IDLING EDUCATION & ENFORCEMENT DOCUMENTATION](#)

Innovation Projects

Innovative Project #2

10 Points

School District

Program Summary: Alder Ave Middle School's Catawba Project has always worked hard to educate the community about environmental issues they are learning about in the classroom. Last year, while learning about Egg Harbor Township's history and the loss of its natural environment due to the increase in development, the students identified a need to help the community members get on touch with their natural surrounding. They felt that if they could help people learn more about the plants and animals in our area than they would work harder to protect them. What they came up with is the "Smart Trail project."
<http://www.eht.k12.nj.us/~smartrail/index.html>

IMAGE: [WEBSITE](#)

IMAGE: [MAP FROM WEBSITE](#)

IMAGE: [STUDENTS TEACHING FROM VIDEO](#)

IMAGE: [PICTURE OF STUDENTS INSTALLING TRAIL MARKERS](#)

IMAGE: [SMART TRAIL SIGN](#)

WORD: [GREEN WORKS GRANT WITH PROJECT DISCRPTION](#)

Learning Environment

Student Participation in the Arts

10 Points

District

Program Summary: The Egg Harbor Township School District provides an extensive arts program, which enables students to succeed and compete in the global marketplace using the New Jersey Core Curriculum Content Standards in conjunction with the New Jersey Visual and Performing Arts Curriculum Frameworks and technological exploration. Evidenced by the extensive number of students involved in concerts and recitals throughout the year. Along with our standard curriculum offerings, we offer students the option to participate in Musical and Drama productions outside of the classroom 6th-12th grade. Students also participate in competitive all state programs in choir, orchestra, concert band, Thesbian festivals, and dance recitals.

PDF: [STUDENT PARTICIPATION IN THE ARTS DOCUMENTATION](#)

PDF: [STUDENT PARTICIPATION IN THE ARTS DOCUMENTATION](#)

Student & Community Outreach

Green Team

10 Points

 Bronze Required School District

Program Summary: Reducing the district's carbon footprint by creating a healthy, energy-efficient school environment reinforced with sound environmental and sustainability education practices has been an ongoing initiative in the Egg Harbor Township School District. After establishing a district-wide Energy Education program in 2011 that enabled the district to build a customized and sustainable energy conservation program that reduces consumption of electricity, natural gas, fuel oil and water through changes in organizational and human behavior, EHT's Alder Avenue Middle School was named one of the first Green Ribbon Schools in the nation for its achievements in creating "green" environments through reducing environmental impact, promoting health, and ensuring a high-quality environmental and outdoor education to prepare students with the 21st century skills and sustainability concepts needed in the growing global economy. To celebrate the award, District representatives were invited to attend the very first NJ Sustainable Schools Conference on March 28, 2012, hosted by the Educational Information and Resource Center (EIRC) in conjunction with the NJ Association of School Administrators (NJASA). The conference focused on proven sustainable practices and solutions that yield significant reductions in operating expenses and improved educational environments. In 2014, the Superintendent Schools established a District Green Team. Since then the Green team has held three formal meetings on January 8, 2015, January 21, 2015 and March 5, 2015 where the majority of Green Team members were in attendance, and smaller school-wide meetings to work on the individual Sustainable Schools certification applications. Members of the Green Team include: Dr. Scott McCartney, Superintendent of Schools, Mrs. Kateryna Bechtel, Business Administrator/Board Secretary, Mr. William Hurley, Director of Facilities, Mr. Shawn Braue, District Energy Manager, Ms. Ellen Gregory, Director of Development, Mr. Joseph Marinelli, Principal, Mr. Kevin Fricke, Principal, Mrs. Karen Semet, Supervisor of Health & Physical Education, Teachers: Christa Fritz, James House, Colin McClain, Jim Thoms, John Jones, Keri Lucia, Melissa Newhall, Lynda McCarty, Head Teacher, Vernon Clark, Custodian, Kelly Warker, Secretary. The role of the Green Team is to educate, advocate, facilitate action, develop short and long-term goals to support project implementation, and evaluate, track, and monitor the success of projects. The team will reach out to local experts for advice and guidance, as needed. A Green Team Annual Report that includes a summary of activities undertaken by the Green Team over the previous twelve months will be developed to support and sustain our Green Team efforts and to share our milestones with community and school district stakeholders.

PDF: [GREEN TEAM DOCUMENTATION](#)

PDF: [GREEN TEAM DOCUMENTATION](#)

: [GREEN TEAM DOCUMENTATION](#)

PDF: [GREEN TEAM DOCUMENTATION](#)

Green Fair

10 Points

School

Program Summary: Alder Ave hosted the Project Wet Make a Splash Water Festival for the last 4 years. Each year the Festival was funded by a grant from Project Wet and focused on water conservation. Last year students were given most of the responsibilities involved in organizing the event. They invited students from one of our elementary school along with community members to attend the open-to-the-public festival. Over 20 learning stations, many of them managed by students, taught the attendees how and why we need to protect and conserve water. Several outside organizations participated including The Greate Egg Harbor Watershed Association, New Jersey Transit Authority, ACUA, AtlantiCare, and the Egg harbor Historic Society. Over 500

students, parents, and community members attended the Water Festival, making last year's one of the most successful. The marketing for the event begins in early March when classes throughout the district and outside organizations are invited to create a learning station. Last year, three schools were represented at the festival. The younger students attending are asked to reflect on the learning they did through a series of question and then asked to share this with the older students who taught them. For the last two years, we have made a documentary of the event which gives the students a chance to reflect and evaluate their effort. The video of past events can be found on our website and Facebook Page.

<http://www.thecatawbaproject.org/news.html> <https://www.facebook.com/pages/Catawba-Project/240132572794093>

WORD: [GREEN FAIR DOCUMENTATION](#)

PDF: [GREEN FAIR DOCUMENTATION](#)

EXCEL: [GREEN FAIR DOCUMENTATION](#)

WORD: [GREEN FAIR DOCUMENTATION](#)

WORD: [GREEN FAIR DOCUMENTATION](#)

IMAGE: [GREEN FAIR DOCUMENTATION](#)

Civic & Stewardship Volunteer Initiatives

10 Points

School

Program Summary: Alder Avenue Middle School's Catawba Project is a grassroots environmental education program designed to partner Egg Harbor Township public school children with Township leaders, environmentalists, parents and community members to work together to help solve real environmental problems. Guided by their teachers, the program puts students in the driver's seat and in charge of their own educational destiny championing causes, planning classroom activities, and implementing high quality Service-Learning projects from beginning to end. What began as a water quality testing classroom experiment in 2000 has grown into an award-winning environmental umbrella program that has impacted more than 5,000 Egg Harbor Township students and sparked many ancillary district projects including Fresh and Saltwater Expeditions, Outdoor Classroom sites, Reforestation project, Energy-saving Solar and Recycling programs, and soon a 6-acre Community Teaching Garden! It has shaped the way Egg Harbor Township middle schoolers view the world and empowers them as environmental stewards charged with the hands-on knowledge, tools and desire needed to make a difference in their community! The service-learning infused program curriculum incorporates science, mathematics, technology, history/social studies, language arts, visual and fine arts, and physical education core content curriculum standards. We believe children need to roll up their sleeves and get dirty to really understand how the natural world works. Service Learning helps us do that. Service-Learning is a teaching and learning strategy that integrates meaningful community service with instruction and reflection to enrich the learning experience, teach civic responsibility, and strengthen communities. Through service-learning initiatives, Egg Harbor Township youth use what they learn in the classroom to solve real-life problems. They not only learn the practical applications of their studies, they become actively contributing citizens and community members through the service they perform.

IMAGE: [LAKES CREEK PROJECT NEWS ARTICLE](#)

WORD: [CIVIC & STEWARDSHIP VOLUNTEER INITIATIVES DOCUMENTATION](#)

IMAGE: [LAKES CREEK SNJ REPORT](#)

WORD: [PARENT PERMISSION AND INVITE](#)

WORD: [GREEN APPLE DAY FLYER](#)

IMAGE: [PRESS NEWS ARTICLE GAD](#)

Student Learning

Education for Sustainability Grades 4-12 Math

10 Points

School

Program Summary: Sustainable practices at our school have given us an opportunity to create real life application for the math lessons. The lesson we will include in this action will involve the water harvesting project we have been developing. Students apply the knowledge they learn about geometry and algebra to calculate the amount of rain water harvested. Lessons include reading scaled drawings of the school, compute area, understand water velocity, and use formulas to determine amount of water harvested. Evidence will include pictures, work sheets and lesson plans.

WORD: [LESSON PLAN](#)

WORD: [WORKSHEET](#)

IMAGE: [PICTURES OF LESSON WALL](#)

WORD: [EFS QUESTIONNAIRE](#)

Student and Staff Wellness

Policies to Promote Physical Activity

10 Points

District

Program Summary: The Egg Harbor Township Board of Education approved and adopted a new Wellness Policy on July 28, 2015. In accordance with the Healthy, Hunger Free Kids Act of 2010 (HHFKA), which funds child nutrition programs and establishes nutrition standards for school lunch and breakfast programs, each district school will implement this new Wellness Policy that includes goals for nutrition promotion, nutrition education, physical activity, and other school-based activities that promote student wellness. See the highlighted sections of the uploaded policy for the specific sections that relate to requirements of this action. A School 'Wellness Team' was formed during the 2014-2015 school year. The team meets informally four times a year, as was required for our "Improving School health to Enhance Student Learning" grant program that helped us to institute 'grab and go' breakfast kiosks at Egg Harbor Township High School and institute a Breakfast After the Bell program there. The district provides additional activities in the form of 20 minutes of recess for grades K-5, which is not directly preceding or following a physical education class, Before and After Schools Organizations, such as Kids Klub which provides an element of physical activity, and the Use of School Facilities Outside School Hours is utilized in district. Egg Harbor Township offers community recreation programs at district schools in the evening, weekend, and during breaks for a fee which is no more than the incremental costs associated with the intended use. The Co-Curricular Activity Board Policy was adopted 10/22/2002, with a revision approved 7/12/2011. In addition to policies that promote student

wellness activities and participation, the district partners with Family Service Association (FSA) and offers an FSA-staffed School-Based Youth Services Counseling Center at Egg Harbor Township High School. Additionally, staff members at each individual school promote and integrate additional student wellness activities including mountain biking, homegrown vegetable gardens, Fruit and Veggie Challenges, Blood Drives, Relay for Life competitions, Hero Campaign team competitions, and Nerfball tournaments. Additionally, affordable, free and reduced lunch and breakfast that meet Government standards for healthy foods are provided to students, and the 'Let Us Eat Please' summer feeding program which provides free food to low-income Egg Harbor Township families during the summer months when school is not in session.

PDF: [POLICIES TO PROMOTE PHYSICAL ACTIVITY DOCUMENTATION](#)

PDF: [POLICIES TO PROMOTE PHYSICAL ACTIVITY DOCUMENTATION](#)

PDF: [POLICIES TO PROMOTE PHYSICAL ACTIVITY DOCUMENTATION](#)

PDF: [POLICIES TO PROMOTE PHYSICAL ACTIVITY DOCUMENTATION](#)

Waste Reduction & Recycling

Document Recycling Rates

10 Points

School

Program Summary: In 2013 we did a solid waste audit of our school which was part of an Eco-Schools pathway program. Part of the project involved tracking the amounts of recycling done at Alder by getting tipping reports from ACUA scale house of the white dumpster which is filled with the single stream recycling materials. We tracked the data before the school recycling program was introduced and after. We saw an increase in recycling amounts after students launched a staff and student awareness program which included PSA about the need to recycle and better recycling stations in our cafeteria. Students presented their finding to the board of education through a power point presentation highlighting the increase.

IMAGE: [DOCUMENT RECYCLING RATES DOCUMENTATION](#)

EXCEL: [DOCUMENT RECYCLING RATES DOCUMENTATION](#)

Recycling Non-Mandated Materials

10 Points

School

Program Summary: For three years Alder Ave Middle School has collection Juice pouches and GoGo squeezes to send to Terracycle. The Terracycle container is part of the recycling station at our cafeteria. We made an infomercial to encourage students to up-cycle juice pouches. You can find the full infomercial on our Facebook page @catawbaproject We has also started a program which sends in old electronics to the funding factory.

WORD: [TERRACYCLE SLIDE FROM SCHOOL BOARD PRESENTATION](#)

IMAGE: [RECYCLING NON-MANDATED MATERIALS DOCUMENTATION](#)

IMAGE: [TERRACYCLE INFORMERCIAL](#)

IMAGE: [FUNDING FACTORY WEBSITE](#)

Food Waste Recycling or Composting

15 Points

School

Program Summary: The composting program at Alder Ave Middle School has been in existence for five years. It began small using garden tumblers which could only hold a fraction of the waste produced by the school. After an audit of the waste created from the lunches in our cafeteria, the Catawba students saw a need to design a larger system that could hold all of the organic waste produced from our school lunches. The kids made a simple design using pallets which are easily pulled back to allow the decomposing material to be rotated from left to right. The students also learn about composting recipes for so they could add other ingredients to the lunch waste which is mostly fruits and some greens. The kids collect yard waste from the grounds staff and rake piles of leaves from our nearby wooded area. Two years ago, after the audit of the cafeteria waste, students found that for each lunch over 4lbs of organic waste was dumped into trash. By projecting the total amounts over the entire school year and multiplied this by 3 lunches a day, they calculated that 2160lbs of organic waste could be taken out of the solid waste. At the end of the school year they had a compost bin full of decomposing fruits and yard waste. However, much to their surprise, when they returned to school in the fall, the compost pile only produced less than a yard of compost to be used in the garden. A full report of the waste reduction project including the composting of the cafeteria organic waste was included in a presentation the students made to the school board. A slide from the PowerPoint they presented is included in the documents.

IMAGE: FOOD WASTE MANAGEMENT DOCUMENTATION

IMAGE: COMPOST CONTAINER

WORD: SCHOOL PRESENTATION SLIDE