



Sustainable Jersey Certification Report

This is the Sustainable Jersey Certification Report of Kingwood Twp, a Sustainable Jersey bronze certified applicant.

Kingwood Twp was certified on December 11, 2019 with 160 points. Listed below is information regarding Kingwood Twp's Sustainable Jersey efforts and materials associated with the applicant's certified actions.

Contact Information

The designated Sustainable Jersey contact for Kingwood Twp is:

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Actions Implemented

Each approved action and supporting documentation for which Kingwood Twp was approved for in 2019 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.

Community Partnership & Outreach

Create Green Team

10 Points

 Bronze Required

Program Summary: Kingwood Township's green team, Sustainable Kingwood, was established in 2009 with a formal resolution but sat dormant for some time even as the Township continued to implement sustainable actions within the community. In 2018, support for the Sustainable Kingwood team was reaffirmed by the Township Committee with a resolution and the new team

has been busy documenting the recent environmental accomplishments of the township and planning new initiatives with the goal of bronze level certification under Sustainable Jersey in 2019. Some of the Team's accomplishments in the last year include participation in the Rutgers Water Resources' Green Infrastructure Champions program, involvement in a tree planting at our municipal park, an Identa Shred event for residents, and maintenance of a rain garden located on municipal property. Kingwood held a Community Well Testing event in 2018 to encourage residents to test their well water. This event coincided with a septic awareness campaign that offered discounted rates on pumping and information on safely disposing of old prescription drugs at our local Rx Drop box in an effort to keep pharmaceuticals out of our ground water. We've worked on Direct Install programs, energy tracking, and participation in a government energy aggregation program with neighboring municipalities. The team was awarded 2 grants in 2019, one from PSE&G that will allow us to map our open space and share this with residents and another from Delaware River Greenway Partnership that will fund the planting of another acre of pollinator meadow at Horseshoe Bend Park. We're excited to be pursuing certification and hope to recruit new members to join our team.

PDF: [SUSTAINABLE KINGWOOD TEAM RES.](#)

PDF: [RESOLUTION REAFFIRMING SUSTAINABLE KINGWOOD](#)

WORD: [SUSTAINABLE KINGWOOD TEAM](#)

Energy

Energy Efficiency for Municipal Facilities

15 Points

 Bronze Priority  Silver Priority

Program Summary: Kingwood Township is making its municipal buildings more energy efficient by upgrading heating and cooling systems and lighting to LED fixtures through the NJ Clean Energy Direct Install program. These actions save taxpayer money while reducing the municipality's carbon footprint. Energy audits were conducted for Kingwood Township municipal facilities through the Direct Install program in 2011 and again in May 2019. Installations of recommended upgrades were installed at municipal facilities in 2011 and 2012 and again in November 2019. Attached is an EUI spreadsheet that illustrates substantial anticipated energy savings as a result of the most recent upgrades to the lighting at the Kingwood Township Municipal Building.

PDF: [2019 ENERGY EFFICIENCY AUDITS FOR KINGWOOD MUNICIPAL FACILITIES](#)

PDF: [DIRECT INSTALL 2011](#)

PDF: [KINGWOOD DIRECT INSTALL PROJECTS 2011](#)

EXCEL: [ENERGY EFFICIENCY EUI CALCULATOR](#)

Energy Tracking & Management

20 Points

 Bronze Priority  Silver Priority

Program Summary: Kingwood Township is now using Energy Star Portfolio Manager to track

their energy costs. There is currently 12 months of energy data in the system for each of the buildings in the Municipal portfolio. For an additional 10 points, benchmarking has been done for each building in the township's building portfolio. The portfolio has been shared with Sustainable Jersey and a summary of meter entries for the 3 municipal facilities is attached. The building portfolio is also attached in a spreadsheet format. The ESPM will be updated quarterly by the Sustainable Kingwood team. Current energy bills will be provided by the Kingwood Township Deputy Clerk.

EXCEL: [KINGWOOD BUILDING PORTFOLIO](#)

EXCEL: [METER ENTRIES PERFORMANCE DPW ENERGYSTARPORTFOLIO KINGWOODTOWNSHIP](#)

EXCEL: [BENCHMARK REPORT METER ENTRIES PERFORMANCE MORTON BUILDING ENERGYSTARPORTFOLIO KINGWOODTOWNSHIP](#)

EXCEL: [BENCHMARK REPORT METER ENTRIES PERFORMANCE MUNICIPAL BUILDING ENERGYSTARPORTFOLIO KINGWOODTOWNSHIP](#)

Buy Electricity From A Renewable Source

10 Points

Program Summary: Kingwood Township is decreasing its consumption of fossil fuel-powered electricity and offsetting its carbon emissions by increasing the amount of renewables in its energy portfolio. Kingwood is a member of the Hunterdon County Cooperative Pricing System (HCCPS) whose facilities were included in the Request for Bids (RFB) and whose electric accounts are currently being provided power supply by Mid-American Energy Services under a contract awarded by the HCCPS in October 2019 and has affirmatively opted in to receive renewable energy product. A copy of the additional voluntary renewable energy opt in form is attached. Concord Energy Services (CES), an Energy Agent, Private Aggregator and Energy Consultant duly registered with the New Jersey Board of Public Utilities, administered the electric power supply procurement processes for the Hunterdon County Cooperative Pricing System ("HCCPS"), including most recently a RFB issued on July 30, 2019 for which bids were accepted from and contracts were awarded to electric power suppliers on August 20, 2019, for service from October 2019 through September 2021. The July 2019 RFB specifications included a section entitled voluntary opt-in option renewable energy product that consists of a total amount of renewable energy that is 20% greater than the total amount of renewable energy (Class I, Class II and solar combined) required by virtue of the New Jersey Renewable Portfolio Standard (RPS) in any given RPS compliance year, with the additional 20% above and beyond the RPS requirements to be comprised of New Jersey RPS-compliant Class I renewable energy; that is, Class I renewable energy generated within or delivered into the PJM region, consistent with N.J.A.C. 14:8-2.7.

PDF: [SUSTAINABLE NJ DOCUMENTATION - HCCPS - KINGWOOD](#)

Food

Farmland Preservation Plans

10 Points

Program Summary: Kingwood Township has, since its inception, been a farming community.

Farming activities have varied over time, from high volume chicken farms to sod farms, and agriculture remains the core of the Township's "industry". Kingwood has long recognized the significant role of agriculture in its past, present and future and has taken steps to help preserve the right to conduct agricultural activities, such as enacting a "Right-to-Farm" ordinance. This ordinance protects a farmer from complaints made by neighboring property owners and determines that "whatever nuisance may be caused to others by these uses and activities are more than offset by the benefits from farming to neighborhood community and society in general." The ordinance advances the Township's desire to take additional actions to enhance the ability of the farmer to productively and profitably continue to devote lands to active farming, and to preserve farming as an integral part of Kingwood Township's future. The attached farmland preservation plan was prepared pursuant to Paragraph (13) of section 19 of P.L. 1975, c.291(C.40:55D-28). The Kingwood Township Agricultural Advisory Commission meets monthly to promote and assist the Farmland Preservation Program's Planning Incentive Grant (PIG) applications. These grants allow for the purchase of large blocks of farmland using an installment purchase option. The Commission monitors the status of properties under farmland preservation, identifies target agricultural properties and updates the Township's preserved open space and farmland map. Current minutes and agendas may be found on the Township's website <https://www.kingwoodtownship.com/open-space-advisory#Info>.

PDF: [FARMLAND PRESERVATION PLAN-KINGWOOD TOWNSHIP](#)

Innovative Projects

Innovative Community Project 1

10 Points

Program Summary: Kingwood Township partnered with the non-profit watershed watchdog organization, Raritan Headwaters and municipal neighbors, Frenchtown Borough to offer residents the opportunity to test their private wells through the Community Well Testing program. Annual testing for bacteria and nitrates is highly recommended for all private well owners, particularly in areas where most homes utilize septic systems. Arsenic is a common naturally occurring contaminant in Kingwood Township and testing is recommended every 3-5 years. Other common contaminants include lead, radionuclides, boron, iron and manganese. Regular testing and treatment of private well water is important for public health in rural communities and homeowners are solely responsible for monitoring the quality of their drinking water. This program makes this practice easy, affordable, and convenient for homeowners and allows for monitoring of local groundwater quality. In 2016, 36 households participated in the program and in 2018, 25 households participated.

PDF: [COMMUNITY WELL TESTING PROGRAM IN KINGWOOD TOWNSHIP'S NEWSLETTER TO RESIDENTS](#)

Land Use & Transportation

Build-Out Analysis

10 Points

Program Summary: In 2018, Kingwood Township was chosen by students at Rowan University as one of eight pilot municipalities for the NJ Map Buildout Modeler Project because of its seven-acre zoning. The project creates visual tools to assist municipalities. The Rowan GIS model incorporates Kingwood block and lot maps and zoning regulations to show future build out as if the development patterns are built out to the municipality's zoning. See attached description for further information and a link to the NJ Map Build Out Tool. The link is posted on the Kingwood Township municipal site home page: <https://www.kingwoodtownship.com/> as well as the Planning Board page. The Build Out Modeler now includes a "Learn More" button at the top of the page where you will find an instructional video on how to use the tool and also a quick start guide PDF.

IMAGE: [NJ MAP BUILDOUT TOOL SCREENSHOT-KINGWOOD TOWNSHIP](#)

EXCEL: [BUILD-OUT ANALYSIS CURRENT ZONING KINGWOOD](#)

PDF: [BUILD-OUT ANALYSIS PLANNING BOARD MINUTES](#)

WORD: [BUILD-OUT ANALYSIS SUMMARY](#)

PDF: [MEETING MINUTES-KINGWOOD PLANNING BOARD BUILD-OUT PRESENTATION](#)

PDF: [BUILD-OUT ANALYSIS 2019 UPDATE-ROWAN](#)

Natural Resources

Environmental Commission

10 Points

Program Summary: The Kingwood Township Environmental Commission was established in 1972 for the protection of natural resources, including water resources in the Township. The Environmental Commission created an Environmental Resource Inventory (ERI) to promote long-range environmental planning, helps evaluate the environmental impact of development applications before the Planning Board, advises local government and informs residents on environmental issues, laws and programs. The EC helps to inventory, plan and preserve open space in Kingwood, supports the recycling program within the Township and works with neighboring commissions and other organizations to obtain grant funding for a variety of hands-on projects including rain gardens, numerous tree plantings and tree giveaways, community clean up days, and programs to assist residents with septic pumping and well testing. The Ordinance No. 3-6-72 creating the Commission has been incorporated into Chapter 15 of the Kingwood Township Municipal Code (<https://www.ecode360.com/10102693>) and the Annual Report for 2018 is attached.

PDF: [ENVIRONMENTAL COMMISSION DOCUMENTATION](#)

PDF: [KINGWOOD EC 2018 ANNUAL REPORT](#)

Environmental Commission Site Plan Review

10 Points

Program Summary: Kingwood Township receives few development applications as we are a rural community with little development but when development applications are submitted, they come before the Environmental Commission for approval and input. Kingwood Environmental Commission reviews development applications submitted to the Planning Board using the Environmental Resource Inventory, the Kingwood Township NJ Map Buildout Analysis and knowledge of the community. Informed evaluations are made of the potential environmental impacts of private and subdivision development and comments provided to the Planning Board when warranted. The EC reviewed 3 site plans in 2018. A list of plans reviewed in 2019 with details on the EC's comments is included in the supporting documentation.

WORD: [ENVIRONMENTAL COMMISSION SITE PLAN REVIEW 2018](#)

PDF: [ENVIRONMENTAL COMMISSION SITE PLAN REVIEW-MEETING MINUTES](#)

PDF: [ENVIRONMENTAL COMMISSION SITE PLAN REVIEW-MEETING MINUTES JUNE 2019](#)

WORD: [ENVIRONMENTAL COMMISSION SITE PLAN REVIEW HISTORY 2019](#)

Open Space Plans

10 Points

Program Summary: The rural character of Kingwood Township is the aspect of the community that most residents cherish and wish to preserve to the greatest extent possible. As residential development opportunities dwindle in the region in the coming years, Kingwood Township's open space preservation efforts will become increasingly important if its prized open and rural character is to survive. Kingwood's terrain is characterized by an expansive plateau of farmland, rolling hills of farms and forests, winding, narrow rural roads and rock outcroppings along Route 29 that create the serene setting for the Township in the midst of suburban communities in western Hunterdon County. Historically, the plateau area has been farmed and is characterized by extensive wetland areas in the Lockatong and Wickecheoke watersheds. Many small streams drain through steep ravines with scenic waterfalls to the Delaware River. The Delaware River is designated part of the National Wild and Scenic River System for its reach along Kingwood's riverbanks. Endowed with this unique array of natural and cultural resources that define the community character, Kingwood can ensure the protection of open space and natural resources.

PDF: [KINGWOOD TWP OPEN SPACE PLAN 2011](#)

PDF: [SEE PG 15. MINUTES FROM THE PLANNING BOARD MTG ADOPTING OPEN SPACE PLAN](#)

Environmental Assessment Ordinance

10 Points

Program Summary: A statement of environmental impact and assessment must be submitted with any application for development in Kingwood Township resulting in the creation of two or more new lots; and for any site plan application that proposes any combination of disturbance of and/or new impervious coverage for more than 1/4 acre of land. This ordinance serves to protect the health, safety and welfare of people and property and threatened and endangered species within Kingwood Township from adverse impacts of uncontrolled development, construction, disturbance and building on environmentally sensitive areas. An environmental impact analysis prior to development reduces the degradation of land areas due to erosion, siltation, flooding, grading and/or filling, surface water runoff, pollution of potable water supplies, destruction of unique and predominant vistas, destruction of threatened or endangered species and to

encourage appropriate planning, engineering, design in certain areas to preserve and maximize the best use of the natural terrain and maintain the quality and quantity of the Township's inherent natural resources. Link to Ordinance No. 17-02-2013 in web-based codes: <https://ecode360.com/27328590>

PDF: [ENVIRONMENTAL ASSESSMENT ORDINANCE KINGWOOD TOWNSHIP](#)

PDF: [ENVIRONMENTAL ASSESSMENT ORDINANCE ADOPTION-TWP COMMITTEE MINUTES](#)

Waste Management

Prescription Drug Safety & Disposal

10 Points

 Bronze Priority  Silver Priority

Program Summary: There is a pharmaceutical drop box located at the New Jersey State Police (Kingwood Station) at 945 State Highway 12 Frenchtown, NJ. The location is open 24 hours a day, 365 days a year. An informational flyer on the Project Medicine drop box was included in the Fall 2018 Township newsletter mailed to Kingwood Township residents. Location information on this Rx drop box is listed on the Safe Communities Coalition website (<http://www.safecoalition.org/2018-03-13-rx-drop-box-locations>), NJ Dept. of Consumer Affairs website (<https://www.njconsumeraffairs.gov/meddrop/Pages/Locations.aspx#Hunterdon>) and on the Kingwood Township website (<http://www.kingwoodtownship.com/health#Links>). Law Enforcement agencies and the NJ Dept. of Consumer Affairs do not report on or provide information about medications collected at these drop boxes so the information requested under this action (number of prescriptions collected, total weight in pounds, number of individuals served) is currently unavailable. For more information, please contact Rich Rebis at NJ Dept. of Consumer Affairs (973) 504-6275.

PDF: [RX DROP BOX INFORMATION IN THE 2018 KINGWOOD TWP. NEWSLETTER](#)

IMAGE: [PHOTO OF THE PROJECT MEDICINE DROP BOX AT KINGWOOD STATION \(NJ STATE POLICE\)](#)

Community Paper Shredding Day

5 Points

Program Summary: Kingwood Township played an active role in organizing and conducting an Ident-A-Shred community paper shredding day held on April 27, 2019 from 9am-noon. This shared service event between Hunterdon County and Kingwood Township was held at Kingwood Township Park on 200 Union Road. Seven cars were counted driving through the drop off line to shred paper during the event. Municipal staff and members of the Environmental Commission assisted in planning as well as day-of support. In addition to promotion of the event through the County website, the Township promoted the program to residents and local businesses through the municipal website (www.kingwoodtownship.com/Announcements) and social media. Please see attached flyer advertising the program.

PDF: [COMMUNITY PAPER SHREDDING DAY DOCUMENTATION](#)

Recycling Depot

10 Points

Program Summary: Kingwood Township's Recycling Depot is open Monday - Friday, 7:00 am to 3:00 pm and the second Saturday of each month from 9:00 am to 12:00 pm. There are 3 dumpsters at the depot (commingled, paper/cardboard, and metal) as well as a bin for used clothing and shoes. More information is available on the Township's website <https://www.kingwoodtownship.com/recycling>.

PDF: [RECYCLING DEPOT DOCUMENTATION](#)

WORD: [KINGWOOD TWP RECYCLING DEPOT PHOTOS](#)