



# TOWNSHIP OF ABINGTON

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## *PUBLIC AFFAIRS COMMITTEE*

*John Spiegelman, Chair  
Tom Bowman, Vice-Chair  
Lori Schreiber  
Jimmy DiPlacido  
Peggy Myers*

### **A G E N D A**

**May 1, 2019**

**7:00 P.M.**

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1. **CALL TO ORDER**
2. **ROLL CALL**
3. **CONSIDER APPROVAL OF MINUTES**
  - a. Motion to approve Committee Meeting minutes of March 6, 2019
4. **PRESENTATION**
  - a. Environmental Advisory Council Annual Report
  - b. Shade Tree Commission Annual Report
5. **UNFINISHED BUSINESS**
6. **NEW BUSINESS**
  - a. **PA-01-050919** Consider and discuss Hunter Soccer Club proposal and request to improve and lease the upper field in Penbryn Park to an artificial turf field.
7. **PUBLIC COMMENT**
8. **ADJOURNMENT**

The stated meeting of the Public Affairs Committee of the Board of Commissioners of the Township of Abington was held on Wednesday, March 6, 2019 at the Township Administration Building, Abington, PA., with Commissioner Spiegelman presiding.

**CALL TO ORDER:** 8:22 p.m.

**ROLL CALL:** Present: Commissioners SPIEGELMAN, BOWMAN, DiPLACIDO, MYERS  
Excused: SCHREIBER

Township Manager MANFREDI  
Assistant Township Manager WEHMEYER  
Township Solicitor CLARKE  
Community Development Director STROTHER  
Director of Parks & Recreation OLES

Also Present: Commissioners LUKER, KLINE, ROTHMAN, ZAPPONE, BRODSKY, CARSWELL, GILLESPIE, THOMPSON, VAHEY, WINEGRAD

**APPROVAL OF MINUTES:**

Commissioner Spiegelman made a MOTION, seconded by Commissioner Myers to approve the minutes of the Public Affairs Committee Meeting of February 6, 2019.

MOTION was ADOPTED 4-0.

**PRESENTATIONS:** None.

**UNFINISHED BUSINESS:** None.

**NEW BUSINESS:**

Item PA-01-031419:

Commissioner Spiegelman made a MOTION, seconded by Commissioner Myers to award the planning and community development consulting services to Urban Design Ventures, LLC for a three (3)-year period. The consultant will aid and assist the Township with the design, planning and implementation of the Township's Community Development Block Grant (CDBG) and HOME Investment Partnership Programs.

Mr. Van Strother, Community Development Director, explained that Abington Township is an entitlement community under the U.S. Department of Housing and Urban Development's (HUD) CDBG Program. As a recipient of these federal funds, there are several required reports and documents to be submitted to HUD on an annual basis. Next year, the Township will be required to update its Five-Year Consolidated Plan and Analysis of Impediments. The current Consolidated Plan will expire on September 30, 2020 and the Consolidated Plan takes about four to six months to complete.

This is to renew the contract of Urban Design Ventures, LLC for a three-year period for consulting services to assist the Township with design, planning and implementation of the CDBG program. The RFP (Request for Proposal) was publicly advertised and the Township received eight written requests for the RFP package during the first week of public advertisement and proposal due date was November 29, 2018, and on this date, the Township received one (1) sealed proposal to the publicly advertised RFP.

Commissioner Spiegelman clarified that Urban Design Ventures previously had this contract and did they fulfill it satisfactorily?

Mr. Strother replied yes.

Commissioner Spiegelman asked for any comments from Commissioners.

Commissioner Thompson said since there was only bid is there any contemplation of re-bidding?

Mr. Strother replied we will most likely get the same results because it is a complex venture. Other bids received were from companies from out-of-state and this is a local firm. This is an industry that takes a lot of expertise and knowledge in properly responding to annual reports of the Federal government.

Commissioner Spiegelman clarified that this was advertised according to the legal requirements. Is that correct?

Mr. Strother replied yes.

Vice President Kline questioned whether it is known why there was no response from the other eight other companies.

Mr. Strother replied no, he did not reach out to them.

Vice President Kline suggested rejecting the bid and find out why the others did not respond.

Commissioner Spiegelman said previously when this service was sent out for RFP, were there other responses?

Mr. Strother replied yes, three years ago, there were four requests for RFP package and only two were submitted; one was Urban Design Ventures and the other was Triad, a local regional consulting firm.

Commissioner Bowman clarified that there are no Township funds involved, but the Township would be implementing Federal money for this program and proposed is to hire a consulting firm to assist in the planning and implementation of it. Is that correct?

Mr. Strother replied yes.

Commissioner Bowman continued that it should not be put out for RFP again. The rules were complied with and the committee should pass it.

Vice President Kline said it is the Township's money. It is the Township's allocation from HUD and we have a plan to use the money in a certain way and part of that allocation is to hire a consultant to administer HUD funds. Is that correct?

Mr. Strother replied yes.

Vice President Kline said so the more money used for the consultant is less than what could be used for the actual program that the HUD money was meant for.

Commissioner Bowman said the Township complied, and there were requests for RFP package and then they did not submit proposals, but one did, so that is the bidding process.

Commissioner Thompson asked if this is implementation of Federal funds, why do firms need local knowledge and why send RFP's out to other states.

Mr. Strother replied out-of-state consultants picked it up electronically. He only advertised it in the local newspapers. Re-bidding will end up with the same result because there is a tremendous amount of information that is requested by the Federal government and from the County level and there is a lot of demographic information required. There is a learning curve, so experienced consultants look at that and weight their options as to whether or not they want to invest in learning about the fabric of the community as well as meet the demands. It is an ongoing process where the Township is in the middle of several contracts and reports are due and that would put additional burden on the Township as well as exposure if we re-bid.



Commissioner Spiegelman clarified that those eight out-of-state firms who received RFP packets would not have been precluded in any way from submitting a proposal just because they are from out-of-state. Is that correct?

Mr. Strother replied that is correct.

Commissioner Myers asked Mr. Strother if proposal from Urban Design Ventures was within budget and does he have experience working with this firm and is he confident in their services?

Mr. Strother replied yes, it is within budget. He has worked with this firm for the past three years and even longer, and he absolutely has confidence in this firm without hesitation.

Commissioner Myers clarified that the recommendation is to approve the bid from this company. Is that correct?

Mr. Strother replied absolutely. The issue should not be about the consultant, because the biggest burden is making sure the reports are submitted to HUD on time, properly and accurately.

Commissioner Spiegelman said if the Township re-bids would it compromise the timely submission of those reports.

Mr. Strother replied yes.

Vice President Kline said the issue is that nine packets were sent out and one bid was received and why did the other eight refused to submit proposals. If the Board is inclined to move forward due to the time factor, we should still find out why the Township did not receive other bids.

Commissioner Bowman said he does not believe the Township has an obligation to inquire with the other firms as to why they did not submit a proposal. It is a highly-detailed localized situation and many were not local companies and maybe do not understand the demographics of the neighborhoods that will receive CDBG funds, so he will pass it.

Commissioner Vahey questioned whether the CAPER was filed before December 31, 2018 and who performed that work?

Mr. Strother replied yes, that has been submitted, and Urban Design Ventures performed that work.

Commissioner Vahey asked was that work performed under prior contract?

Mr. Strother replied yes.

Commissioner Vahey asked for a copy of the Annual Action Plan, the CAPER, Five-Year Consolidated Plan, Analysis of Impediments and Environmental Review Record to be provided to the Board for review.

Mr. Strother agreed.

Commissioner Spiegelman requested that Mr. Strother make some inquiries prior to next week's Board meeting.

Mr. Strother agreed.

Commissioner Spiegelman asked for any public comments.

Lora Lehmann, 1431 Bryant Lane, suggested looking into consultants working for other local communities.

Commissioner Spiegelman made a MOTION, seconded by Commissioner DiPlacido to move this item forward to the full Board without recommendation.

MOTION FAILED 2-2.

Commissioner Bowman asked what portion of the CDBG funds goes towards design, planning and implementation.

Mr. Strother replied 5%-10% on an annual basis.

Commissioner Bowman asked is the administration capped at a certain amount?

Mr. Strother replied yes, 20% of annual allocation.

Commissioner Bowman asked how much has Urban Design Ventures used over the past few years?

Mr. Strother replied approximately 10%.

Commissioner Bowman made a MOTION, seconded by Commissioner Myers to move this item forward to the full Board with recommendation of approval.

MOTION was ADOPTED 3-1. Commissioner DiPlacido opposed.

Item PA-02-031419:

Commissioner Spiegelman made a MOTION, seconded by Commissioner DiPlacido to request approval to submit a Park Rehabilitation and Development Grant application to the Pennsylvania Department of Conservation and Natural Resources (DCNR) that is due on April 10, 2019.

Ms. Greta Brunschwyl, Director of Briar Bush Nature Center, said there was a Master Site Development Plan completed with a grant from DCNR and there were several public meetings held where residents provided input indicating they were in favor of this project, and this item is the implementation part of it. This project is to improve the site for safety, accessibility and enjoyment by the community and information has been posted on both the Township and Briar Bush Nature Center's websites.

Commissioner Spiegelman asked for any comments from Commissioners. There were none.

Commissioner Spiegelman asked for any public comments. There were none.

MOTION was ADOPTED 4-0.

Commissioner Spiegelman made a MOTION, seconded by Commissioner Myers to Ratify Keystone Communities (KC) Program Grant for the Abington Township Veterans' War Memorial Island application in the amount of \$17,000.00.

Mr. Andy Oles, Director of Parks and Recreation, said KC requires a new resolution stating that it is Keystone Communities as opposed to Greenways, Trails & Recreation (GTRP) Grant and this grant is still through the PA Department of Community and Economic Development (DCED).

Also, there will be a meeting held tomorrow evening in regards to the War Memorial Island project at the Roslyn Boys & Girls Club at 6:30 p.m.

Commissioner Spiegelman asked for any comments from Commissioners.

Commissioner Vahey asked why more funds are not being applied for?

Mr. Oles replied \$17,000 is what is needed for our match for this grant of \$90,000.

Commissioner Spiegelman asked for any public comments. There were none.

MOTION was ADOPTED 4-0.

**PUBLIC COMMENT – general matters relating to Public Affairs:**

Lora Lehmann, 1431 Bryant Lane, expressed concern about the Township's television channel.

**ADJOURNMENT:** 8:57 p.m.

Respectfully submitted,

Richard J. Manfredi, Township Manager/Secretary

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April 22, 2019 ~ Earth Day

Wayne Luker, President  
Abington Township Board of Commissioners  
1176 Old York Road  
Abington, PA 19001

Subject: 2018 EAC Annual Report

Dear President Luker and the Board of Commissioners,

As required by Code section 10-7, the Abington Township Environmental Advisory Council (EAC) is submitting the enclosed annual report. Accomplishments included:

- ★ Enhancing the Township's 2016 3 STAR Community™ sustainability assessment rating through analysis and successful [advocacy for 100% Renewable Electricity](#) which will reduce [Township greenhouse gas emissions by 5,625 metric tons annually](#), and other partnerships with key stakeholders
- ★ Completing the Township's [third annual CDP.net Cities Environmental Disclosure](#), achieving an overall "Awareness" score for its [2018 Questionnaire submission](#)
- ★ [Recognition by the U.S. Green Building Council](#) as one of [only 86 places](#) (page 38) as a [LEED Certified City for future sustainability integration and benchmarking](#)
- ★ Expanding the [Go Green Rewards Card program](#), a partnership with the Economic Development Committee, that rewards environmental protection and a "buy local" campaign
- ★ Providing outreach programs to enhance compliance with the Township's MS4 stormwater permit requirements
- ★ Supporting the Wissahickon Water Quality Collaborative effort
- ★ Surpassing over 800 rain barrels in the community through the RBTT program, amounting to 4.8% of Abington homeowners retaining 1.87 million gallons of rain water runoff
- ★ Improving open space through beautification and clean-up events
- ★ Partnering with Audubon Pennsylvania for a fourth year as an [Audubon Bird Town](#)
- ★ Advising the Township Planning Commission and BOC to enrich the built environment through green technology, sustainable design and smart growth principles

Additional information on EAC projects and activities can be found at [EAC-Abington.org](#) or at [Facebook.com/Abington.EAC](#)

The EAC thanks the Board of Commissioners and the township staff for its gracious support. If you have questions or environmental needs in your ward, please contact any EAC member. The EAC can provide information, advise on policies, coordinate a project, or help find funding, volunteer labor or other resources. We look forward to continuing to serve our entire community and helping Abington become a more sustainable place to live.

Sincerely,



Jennifer Sherwood  
Chairperson

Jim Webb  
Acting Chairperson

Cc: Board of Commissioners  
Ashley McIlvaine, Communications Mgr.  
Jeannette Hermann, Finance  
Kevin Barron, Public Works  
Doug Callantine, Econ. Dev. Committee

Richard Manfredi, Township Manager  
Amy Montgomery, Engineering/Code  
Andrew Oles, Parks and Recreation  
George Wrigley, Wastewater Utilities  
Rita Stevens, Shade Tree Commission

Tara Wehmeyer, Asst. Township Manager  
Mark Penecale, Planning/Zoning  
Angelo Pontelandolfo, Public Works  
Van Strother, Community Development  
Lucy Strackhouse, Planning Commission



Abington Township Environmental Advisory Council



# Abington Township Environmental Advisory Council 2018 Annual Report

## Summary

During 2018, the Abington Township Environmental Advisory Council (EAC) enhanced sustainability, protected water, addressed environmental issues, improved open space, educated residents on environmental issues, and provided students with numerous service learning opportunities.

Significant accomplishments focused on next steps post Abington Township's [STAR Community Rating System™](#) certification results, expanding sustainability initiatives and partnerships, protecting water, providing MS4 storm water and rain barrel public education and outreach, and holding Earth Day and park cleanup events. The Council achieved success by engaging more than 500 community volunteers (over 2000 hours) and providing services valued at over \$60,000.

In 2018, the EAC continued to strive for best environmental planning and outcomes not only through the STAR Communities™ program, but through CDP Cities, Montco Ready for 100, and the U.S. Green Building Council's LEED for Cities program. The EAC carefully reviewed land development plans, assisted with water protection projects and MS4 stormwater public education, educated and advocated about energy efficiency, reducing greenhouse gas emissions, PFAS water contamination and spotted lanternfly threats, and hosted community events and public workshops. The EAC will continue its role as an advisory board to the Township on environmental issues, including support of resource conservation, environmental restoration, energy and sustainability initiatives, and public events.

## 2018 Members (appointed by the Board of Commissioners)

Jennifer Sherwood (Ward 3): Chairperson since February 2011, February 2004-December 2018

Susan Myerov (Ward 12): Vice Chairperson, February 2011 – December 2018

Jim Webb (Ward 10): Secretary, January 2014 – December 2018

Michele Kaczalek (Ward 2): Treasurer, March 2002 - December 2018

Cakky Braun-Evans (Ward 1): February 2010 - December 2018

Karin McGarry Rosen (Ward 11): January 2017 – December 2019

John Sorrentino (Ward 13): December 2011 – December 2017

## 2019 Members (appointed by the Board of Commissioners)

Jim Webb (Ward 10): Acting Chair 2019, January 2014 – December 2019

Karin McGarry Rosen (Ward 11): Vice-Chairperson 2019, January 2017 – December 2019

Andrea Soo (Ward 12): January 2014 – December 2016, and January 2019 – December 2021

Michele Kaczalek (Ward 2): Treasurer, March 2002 - December 2021

Cakky Braun-Evans (Ward 1): Policy Lead, February 2010 - December 2021

Susan Myerov (Ward 12): Land Use Lead, February 2011 – December 2019

John Sorrentino (Ward 13): Sustainable Economics Lead, December 2011 – December 2020

**Associate Members:** Dave Bell, Sarah Blunt, Neal Gale, Joel Schilling, Jen Sherwood, Kurt Wood

## **Objectives**

As stated in the Code of Abington Township, section 10-6, the Environmental Advisory Council is charged to:

- ★ Recommend plans and programs to the appropriate agencies for the promotion and conservation of the natural resources and for the protection and improvement of the quality of the environment within the area of this municipality.
- ★ Make recommendations as to the possible use of open land areas of this municipality.
- ★ Promote a community environmental program.
- ★ Keep an index of all open areas, publicly or privately owned, including but not limited to flood-prone areas, swamps and other unique natural areas.
- ★ Advise the appropriate local governmental agencies in the acquisition of property, both real and personal.
- ★ Undertake such environmental tasks as requested by the governing body of this municipality. with supports identifying problems, promoting conservation of natural resources, and creating

These objectives were supported by the many diverse projects and activities summarized below.

## **Enhancing Sustainability**



## **STAR Communities™ Leadership Program and U.S. Green Building LEED for Cities and Communities Program (LFC&C)**

STAR Communities™ is the nation's first framework and independent verification and certification program for municipalities to evaluate and identify gaps and prioritize investment to address sustainability. Membership provides support and services for Abington to use the [STAR Community Rating System™](#) to measure sustainability. From 2015 to 2016, this data-driven approach assessed the Township's social, economic and environmental conditions in order for these metrics to serve as a catalyst for local action to create a transparent roadmap for sustainability. The Township's 2016 3-STAR assessment and rating results may be [viewed online](#) as well as in [greater details](#). Abington is the highest rated STAR Community in the tri-state (NY, NJ, PA) region, receiving 83% of a 4-STAR community and scoring most strongly in the Health and Safety, Education, Arts, and Community, and Innovation credits, while having the greatest opportunities for improvement in the Equity and Empowerment (as every other certified STAR Community) and Natural Land Systems areas.

In November 2018, [STAR Communities™ merged with the U.S. Green Building Council](#) to enhance



and expand the USGBC’s LEED for Cities and Communities program. All 75 STAR Communities were extended a one year USGBC Silver Membership and have the option to pursue LEED certification through the current [LEED for Cities Pilot Program](#) or the beta 4.1 LfC&C Program. The EAC will continue to work with the Township to make an informed decision about the best way to pursue certification through a deeper integration of sustainability practices throughout Township operations.

During 2018, a Penn State Abington (a STAR Communities™ affiliate university) intern funded through a Pepsi Mini Grant to support our STAR post certification needs, enlisted additional businesses for the Go Green Rewards Card program and [re-designed the program brochure](#).

The Township’s STAR certification demonstrated significant opportunities for improvement in increasing renewable energy. The largest number of credits for the LEED for Cities program lies in the energy sector as measured in greenhouse gas emissions (GHGs). Therefore, the EAC analyzed the costs of 100% renewable electricity for the Township, as the contract was due for renewal in December 2018. During 2018, the EAC submitted spreadsheets to the Finance Department showing rate comparisons for the months of [March](#), [June](#), and [October](#) for 0%, 50%, and 100% green electricity for the GSA and Wastewater Treatment Plant and Utilities accounts, or all Township operations. The EAC is most gratified for the support of the Township’s Budget Committee and BOC for unanimous support of this initiative. The decision for a three year contract for 100% green electricity will [annually reduce Township GHGs by 5,526 metric tons](#), equivalent to 1205 driven cars, 607 homes’ energy use, and carbon sequestered by 6,626 acres of U.S. forests, respectively for a year, as well as the other calculated equivalents.

**CDP Cities Environmental Disclosure**

CDP is the world’s largest clearinghouse for cities and corporate carbon footprint data and environmental management strategies. By completing an annual questionnaire that addresses total energy use and carbon emissions across their operations, as well as strategy and governance in assessing and managing risks and opportunities from climate change, CDP evaluates the responses and provides an overall [score](#) in the form of a letter grade. The grade represents the submitting entity’s performance in four tiered categories: Disclosure (D), Awareness (C), Management (B), and Leadership (A), which recognize the steps that can be taken to represent a best practice. [For the past three years](#), with input from the Township Budget Director, the EAC has completed [CDP Cities’](#) annual questionnaire. Disclosing the Township’s greenhouse gas emissions and environmental activities to understand impact and how to take action. The Township’s [third annual CDP.net Cities Environmental Disclosure](#) achieved an [overall “Awareness” score](#) for its [2018 Questionnaire Submittal](#). In addition, through its [Matchmaker program](#), CDP leverages private investment for climate related municipal building projects, a potential opportunity for the Township.

**Incentivizing “Go Green” and “Buy Local” To Grow Our Community**



The EAC teamed up with the Economic Development Committee and local businesses for a fourth year for the [“Go Green Rewards Card”](#). This program encourages citizens to take environmental actions and shop locally to grow our community. By taking helpful actions, such as using a rain barrel or an energy efficient vehicle or donating food at a recycling event or volunteering with the EAC, Shade Tree Commission, the Planning Commission’s Historic Buildings Inventory, citizens earn



points on their **Go Green Rewards Card**. Earning 10 points results in discounts at participating businesses such as Bryner Chevrolet, Keswick Cycle, Collins Nursery, or Bernie's Restaurant and Bar. Equally important, the program drives Abington consumers to local businesses. Buying local supports local businesses that contribute more to municipal services and public schools than non-local businesses. \$100 spent at an Abington business returns \$68 to our community through taxes, payroll, and other related expenditures to support municipal services and public schools. STAR Communities™ recognized Abington for being the first U.S. municipality to create a buy local and go green rewards incentive.



### **Land Use and Planning**

The EAC provided carefully researched comments to the Planning Commission, BOC, and the Abington School District Board of Directors and Administration on the Abington High School STEM expansion as well as the BET redevelopment of the YMCA to the PC and BOC. As a result, a green roof density bonus was added, the proposed building Energy Star performance threshold was increased, and the overall building unit density and imperious coverage was decreased. While we found the proposed density bonuses had many more opportunities for improvement, the EAC hopes to continue to educate and partner with the BOC, developers, and residents on essential aspects of green building design, land protection and smart development.

### **Walk-Park-Train**

Using public transportation instead of using a car reduces fossil fuel consumption, reduces pollution, and reduces car traffic. Since all of these benefits enhance sustainability, the EAC supported the Township's Walk-Park-Train Plan development and approval. The EAC encouraged citizens to participate and provide comments.

### **Briar Bush Nature Center Master Plan**

EAC members supported the development of the master plan for Briar Bush Nature Center (BBNC), and continue supporting BBNC as board members and volunteers.

## **Protecting our Water**

### **Supporting PA Stormwater Management Act 167 & MS4 Permit Requirements**

Since 2003, municipalities such as Abington with municipal separate storm sewer systems (MS4) are mandated by the federal Clean Water Act to develop, implement, and enforce a stormwater management program. The program must be designed to reduce the discharge of pollutants from the municipality's MS4 to protect water quality and to satisfy the appropriate water quality requirements. To assist the Township's Engineering Department with meeting MS4 goals, the EAC has helped educate the public and helped to make stormwater management more affordable for residents and businesses.

The MS4 permit requires “Public Education and Outreach” and “Public Involvement and Participation” activities. The public program goals are to raise awareness of stormwater issues, to enhance participation in stormwater programs, and to encourage citizens and businesses to take action to help mitigate stormwater problems. The EAC has aided this effort by offering stormwater educational workshops and rain barrel programs to homeowners and businesses. These efforts have helped them understand and comply with stormwater ordinances.

To help make stormwater management more affordable for residents and businesses, the EAC developed the “Rain Barrel The Town” (RBTT) program to offer inexpensive rain barrels. Begun in 2012 with grant funding, the RBTT program has now been self-funded since 2013. Proceeds from the rain barrels have been used to improve open space in Abington parks, to act as matching funds for grants, providing re-useable bags to the public to decrease plastic usage, and to support sustainability initiatives such as the STAR Communities™ program. Volunteers construct the rain barrels from donated, repurposed material.

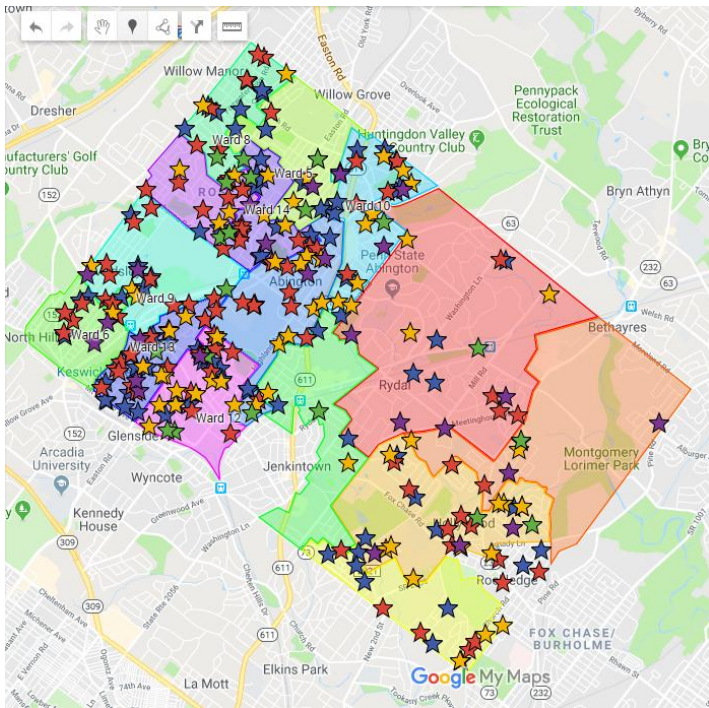
In 2018:

- ★ 130 barrels were completed and placed in the community during 2018
- ★ 808 total RBTT barrels placed since 2011 (which is 4.8% of owner occupied homes)
- ★ Exceeded the goal of 1.75 million gallons of rain water captured per year (1,866,480 gal)
- ★ Volunteers provided over \$15000 of in-kind services, including over 600 hours.
- ★ Over 100 people attended seven rain barrel/watershed education workshops at:
  - Briar Bush Earth Day Fest, April 15
  - Deal Park, Arbor Day Celebration, April 28
  - Collins Nursery, May 12
  - Abington Free Library, June 6
  - AT Public Safety Training Center, June 23
  - Collins Nursery, September 15



*Girl Scouts volunteering to build rain barrels to improve water quality by reducing stormwater runoff*

- ★ RBTT reached over 5,000 people through community events, social media and internet, commissioner newsletters, and outreach during the Township’s Public Works e-cycling and paper shredding events
- ★ Additional partners included I. Rice and Company, Abington School District, AT Refuse and Recycling Department, AT Public Safety Training Center, Girl Scouts, and community volunteers



Since 2015, the EAC has been annually tracking barrels placed by the RBTT program. Commercially, a rain barrel retails for \$100-\$200. The EAC is able to offer high quality barrels for as low as \$40 (a \$10 discount to citizens who attend a rain barrel workshop), due to donated drums from local commercial food distributors and volunteer labor as previously described.

This program enables residents at a very reasonable cost, [to comply with Engineering and Code Department requirements to alleviate storm water run-off from installing additional imperious coverage up to 250 square feet.](#)

In 2018, the design of the rain barrels was modified into a superior closed system directly so that installation is directly into the purchaser's downspout.

The program offers rain barrels in "a rainbow of colors" as well as custom designed art barrels, which may be [ordered online](#) or viewed on this [EAC facebook page](#).

### **Supporting Water Quality and Control**

Beginning in 2016, Abington Township entered into the Wissahickon Creek Clean Water Partnership, a collaborative partnership with 12 other municipalities within the Wissahickon Watershed, to cooperatively develop a watershed-wide water quality improvement plan designed to help reduce pollution and flooding in the creek. This is a unique collaboration; one that may become the model for watershed approaches across Pennsylvania. The EAC continues to support the collaborative.



*An Abington "streamkeeper" volunteer monitoring water quality in a local watershed*

### **Monitoring Natural Resources – Water Quality**

Abington Township lies within 3 major watersheds: Tookany/Tacony-Frankford (TTF), Pennypack and Wissahickon. Several watershed organizations in our area are part of a larger collaborative partnership to improve water quality in our region as part of the *Delaware River Watershed Initiative (DRWI)*. With funding assistance provided by the William Penn Foundation, local organizations are monitoring water quality to show the effectiveness of restoration and stormwater management projects. This volunteer "Streamkeepers" monitoring project began during summer 2014 and trains the community to make monthly observations. In 2018, the EAC monitored West Baeder Creek and the Jenkintown Creek (in TTF) and Harper's Run (in Pennypack).



## **Creating and Maintaining Riparian Buffers and Stormwater BMPs**

Riparian buffers are areas of specialized vegetation along waterways that act like sponges to slow down and filter stormwater running off the land, before it enters the stream. These riparian buffers can help reduce pollution and sediment in streams to help meet MS4 requirements. Riparian buffers also help stabilize streambanks from erosion, provide habitat for wildlife, are more diverse than lawn, and are aesthetically pleasing. Once established, they require less maintenance than highly manicured areas like lawn. Riparian buffers provide services essential to a healthy environment.

Working with diverse partners, the EAC helps protect the Township's numerous stream systems by supporting the creation and maintenance of riparian buffers in the township. This year, the [Tookany/Tacony Frankford Watershed Partnership \(TTFWP\)](#) created or enhanced stormwater control rain gardens at Manor College and Alverthorpe Park. The EAC helped by planting native plants and grasses. Volunteers have also removed non-native invasive plants, thus removing competition and encouraging the native species to thrive. Native plant species support the natural interdependency of the local food web.

## **Improving Open Space**

Partnering with the Township and community groups, the EAC helped improve open space by hosting beautification and clean-up events at parks, roadways, and other public open spaces. Please let us know if you need help sprucing up somewhere.

- ★ 8 Earth Day events
- ★ 203 volunteers (124 were youth) gave
- ★ 532 hours cleaning up
- ★ 750 pounds of trash from
- ★ 26 acres cleaned
- ★ 415 flowers and
- ★ 30 trees.

Earth Day results reported to the Great American Cleanup of PA, a project of Keep America Beautiful.



*Volunteers cleaned up litter from Ardsley Wildlife Sanctuary*

Partners included Keep America Beautiful, Keep Pennsylvania Beautiful, PennDOT, AT Parks & Recreation Department, AT Refuse & Recycling Department, AT Shade Tree Commission, Abington residents, Abington High School service learning students, Boy Scouts, Cheltenham EAC, Girl Scouts, Friends of the Keswick Avenue Underpass Garden, McKinley Elementary School, Tookany/Tacony Frankford Watershed Partnership, Wissahickon Valley Watershed Association, and Wyncote Audubon Society.



*EAC Stormwater and Rain Barrel Workshop  
at Collins Nursery*



*Audubon Climate Watch survey  
at Lorimer Park*

## **Educating the Public**

One of the EAC's goals is to inform the public about environmental issues that affect us all. In addition to the Stormwater/Rain Barrel workshops, the EAC supported many other outreach events.

- ★ Distributed EAC flyers and organized food donation collections for [local food cupboards](#) at the [AT Public Works Electronic Recycling and Paper Shred events](#)
- ★ Supported youth through participation in the [Abington Community Taskforce](#).
- ★ Partnered with [Wyncote Audubon Society](#), [MontCo Parks](#) and [Audubon Bird Town](#) on events to engage citizens to help care for our environment.
- ★ Hosted environmental information tables at the [Abington Pre-Night Out](#), [Briar Bush Nature Center](#) and other public events.
- ★ Assisted the [AT Shade Tree Commission](#) with Arbor Day event, tree plantings and other events.
- ★ Encouraged residents to switch to green electricity suppliers through EAC Associate Member Joel Schilling's [MakeBenProud.com](#) website which provides current rates and plan details and is much easier to navigate for solely green sources than PA Power Switch.
- ★ Continued third year of membership in the [Philadelphia CUSP Project](#), which specializes in best practices to engage citizens on climate change

## **Abington Township Montgomery Award**

In honor of former EAC chairperson Robert Montgomery Jr., the Abington Township Montgomery Award was established to recognize an individual or group who has improved Abington's environment. In 2018, the award was presented to June Parkinson for her creation and care of the garden at the Keswick Avenue Train Underpass. What was once a neglected, littered roadside is now a beautiful garden flanked by two murals. Working with both Abington

and Cheltenham Townships on this gateway project, her volunteer commitment to creating and maintaining this area makes this a source of local pride. Nominations for the 2019 Award may be made through this [EAC webpage](#) or through [this form](#), by April 30, 2019. Annual awardees are selected in May.



*Commissioner Vahey presented the 2018 Montgomery Award to June Parkinson for the Keswick Avenue Train Underpass Garden Mural*

## **2019 Plans**

The EAC will continue to build on its successful collaboration with the Township and community partners to implement policies, planning, education, events and projects that contribute to a sustainable, healthy, and energy-efficient environment. This includes prioritizing or exploring the following environmental threats, policies, measurements, programs, opportunities and best practices:

1. [The Global Covenant of Mayors](#) offers municipalities free greenhouse gas emissions toolkits to create ambitious, locally relevant solutions and strategic action plans that are registered, implemented and monitored and publicly available. Signing onto this covenant would be the next step as a CDP participating city, particularly during 2019 as Abington's most recent greenhouse gas inventory was [conducted during 2015 and disclosed during 2018](#) and must have been conducted [within four years](#) in order to participate. This would also optimize the time before the next completed inventory release by Delaware Valley Regional Planning Commission. Five PA municipalities currently participate (Bethlehem, Borough of West Chester, Easton, Philadelphia and Pittsburgh).
2. Updating the CDP Cities 2019 Questionnaire to reflect that the [Delaware Valley Regional Planning Commission's final 2015 GHG Inventory shows that our total community emissions have decreased by 20.7% since 2005](#).
3. [Montco Ready for 100](#) helps municipalities adopt energy emissions reduction targets to transition to township-wide 100% renewable electricity by January 2035 and achieve zero greenhouse gas emissions in all remaining fossil fuel reliant sectors (transportation, buildings and other stationary applications) by January 2050.



4. Green building and sustainability incentives such as [Doylestown EAC's green building Green Points incentive program](#) and [West Chester Sustainable Certification Program](#) and [Checklist](#).
5. Narberth's [Single Use Plastic Bag/Straw Ordinance](#) and West Chester's [Say No to Styrofoam campaign](#) with the Economic Development Committee to balance the needs of large and small retailers.
6. The [USGBC LEED for Cities and Communities certification program](#) recently released an updated [Rating System](#) and [Technical Guide](#). Through the online [Arkskoru](#) platform, community performance for energy (GHG emissions per capita), water consumption (average daily water use in units and per capita), waste (municipal total tons of solid waste and per capita and the percent diverted or recycled), transportation (vehicle miles traveled per vehicle per person), and human experience (percent high school diploma, percent Bachelor's degree or higher, median gross rent as percent of household income, gini coefficient, median household income, unemployment rate, median air quality index and unhealthy days per year air quality, and violent crime per capita). These metrics are compared both to local or regional and global averages. This data and other measurements will be used to leverage resources to help make informed decisions about when and whether to pursue LEED for Cities certification and integrate sustainability goals and objectives throughout the Township's operations and programs.
7. Assess the Go Green Rewards Card program and its [EAC and STC demonstration app](#) developed by a Penn State Abington IT Senior Jenny A'Harrah.

To meet these challenges, the EAC will continue to improve the township's sustainability operations by using the LEED for Existing Communities v4.1 certification program guidelines. With the help of Penn State Abington, the EAC seeks to improve sustainability based on civic engagement, continuous quality improvement, and best practices. This will enhance our community's environmental, economic, and social aspirations while positioning the township as a future model for sustainable living.

The EAC will continue to work closely with township staff to provide education and outreach for stormwater management to help the township meet its MS4 stormwater permit requirements. The EAC will help build community support for innovative green stormwater infrastructure projects.

The EAC will continue engaging the public, schools, businesses and organizations in sustainability, environmental issues, and watershed initiatives and community events. The EAC stands ready to serve the commissioners and their constituents. We look forward to making Abington a better, greener place to live.





[EAC Members and Township Officials Receiving the 2017 Montco Planning Advocate Award](#)

- ★ [Sign up for our e-newsletter HERE](#), or by emailing [EAC.abington@gmail.com](mailto:EAC.abington@gmail.com)
- ★ Visit our website: [EAC-Abington.org](http://EAC-Abington.org)
- ★ Like us at [facebook.com/Abington.EAC](https://facebook.com/Abington.EAC)
- ★ Follow us on Twitter: [AbingtonEAC](https://AbingtonEAC)
- ★ Find us via the [Abington Township website](#) and/or [view our monthly agendas and minutes](#)
- ★ Donate to the [Abington Township Green Program](#)
- ★ Announce our programs and events in your electronic newsletters





# 2019 ANNUAL REPORT of the Abington Township Shade Tree Commission

## OVERVIEW

Appointed by the Board of Commissioners, the Abington Township Shade Tree Commission (STC) works to:

**Preserve and enhance our tree canopy and the essential ecosystems that trees uniquely provide.** Current appointees are Carl Andresen, Joe Ascenzi, John Kennedy, Rita Stevens, and Collin Watson. Andrew Oles, Director of Parks and Recreation, provides a direct working connection with township staff and resources. Our base of operation is the Grove House in Roslyn PA, where we have planted the start of a native arboretum, and from which we coordinate volunteer-staffed educational and tree planting projects.



**Our highest priority is to maintain a sustainable canopy coverage**, capable of intercepting and infiltrating stormwaters, thereby reducing flooding and ensuring clean air and water. Dollar for dollar, trees outperform any man-made solution. Our increasingly wet environment demands that we make informed decisions about trees now, to ensure a healthy future. It calls for collaboration among all who make and carry out these decisions, including property owners, designers, developers, contractors and township staff. Indeed, every single one of us, regardless of age or capability, has a part to play in ensuring we have healthy, native trees of suitable number and size to do the job.

## A LOOK BACK AT 2018

**2018 marks Abington Township's 12th year as a Tree City USA.** Tree City USA recognizes municipalities with an active tree board (STC), an ordinance that protects and promotes trees, a tree budget of at least \$2 per capita and an Arbor Day celebration. Each December, members of the STC, EAC and staff create an annual snapshot of how and where we directed resources for care of trees, and draft an annual work plan for the coming year. In 2018, our tree spend was \$540,000, or about \$10 per capita. The single largest expenditure was leaf composting at \$280,000. Other significant categories were tree planting, maintenance and removal; and invasive plant management. Volunteers contributed over 1100 hours.



**Tree Preservation.** In partnership with consulting municipal arborists and members of the Township staff, we drafted a comprehensive revision to the Landscaping chapter of the Zoning Ordinance, to incorporate practical means for tree protection and replacement. The proposed draft is to be reviewed as part of the Township SALDO revision process. Funding for this project was made possible by the 2018 PA TreeVitalize Community Forestry Grant Program. For this work, we received a Tree Pennsylvania Award by the PA Urban and Community Forestry Council.



**Tree Planting:** 2018 tree planting sites included parks (Ardsley WS, Deal, Dougherty, and Rockwell), and community service properties (Ardsley Cemetery and St. Anne's Church). Special thanks go to Inframark - Water & Infrastructure Services for funding and planting at Rockwell Park. This brings us up to a total of 725 trees planted within the past 5 years on 19 public properties and approximately 80 residential properties. We continue to monitor these trees, and intend to publish a tree walk brochure that highlights them. 2019 planting sites identified to date are Dougherty Park, Hallowell Park and Ardsley Wildlife Sanctuary. We encourage residents to suggest additional sites.

**Forest Restoration:** Our primary focus continued to be Ardsley Wildlife Sanctuary, overlaid by 2 active projects- Edgehill-Tyson reconstruction, and forest restoration and access at the Maple Avenue entrance. The former entails conveying stormwater through the sanctuary in a manner that preserves mature canopy. The latter entails creation of an accessible path into the woodlands, supported by state funding. Each will entail significant post-construction planting of native trees and understory, to take place in 2019.



**Funding:** Tree City USA certification is our gateway to state and private support and funding for trees. Leveraging the Township STC budget of \$6,000, in 2018 we enjoyed technical, financial and volunteer support from the Pennsylvania Department of Natural Resources, Pennsylvania Horticultural Society, Penn State Extension, the Pennsylvania Association of Forest Stewards, the International Society of Arboriculture, One Tree Planted, Inframark LLC, and private donors. We were awarded and successfully completed the 2018 Tree Vitalize Forestry Management Grant that supported ordinance development. We are on track to complete the 2017 DCNR C2P2 grant for restoration of Ardsley Wildlife Sanctuary in 2019. We applied for the 2019 Treevitalize Watershed for restoration of the riparian area of Hallowell Park, in partnership with SPS Technologies.

**Advisory:** In 2018 we began a more active participation in the review process for land development applications and other matters involving trees, in partnership with the staff of Engineering and Code Enforcement. Additionally, the appointment of a Parks and Recreation staff liaison to the STC has streamlined and leveraged our work.

# WHAT'S NEXT?

So where do we go from here?

Informed by best urban forestry practices, and guided by Tree City USA principles, the STC set the following goals for 2019:

1. **Planning.** Ensure that plans for a healthy tree canopy are an integral part of the Board of Commissioners' three planning priorities. This forms the basis for long term success.
  - a. **Comprehensive Capital Parks and Recreation Facilities Plan.**  
(Trees are central to parks. Let's plan for healthy forests.)
  - b. **Comprehensive Traffic Safety Plan**  
(Trees calm traffic. Let's put them in the right places.)
  - c. **Comprehensive Township-wide Stormwater Master Plan**  
(Trees are an essential part of managing stormwater. Let's use them.)
2. **Stewardship.** Continue to advance on three fronts.
  - a. **Forest restoration.** Complete the phase-one forest restoration and nature trail at Ardsley Wildlife sanctuary, and prepare to apply for C2P2 funding to support phase-two.
  - b. **Street trees.** Building off of the 2014 professional inventory of approximately 600 trees maintained by the Township, work with Public Works staff to develop priorities for ongoing maintenance of these trees. Apply for a 2020 TreeVitalize Forestry Management Grant to fund implementation of these recommendations.
  - c. **Tree planting and pruning.** Maximize our participation in the 2019 TreeVitalize bare root program, targeting planting in the fall in public spaces. Grow public participation in tree tending at local parks.
3. **Outreach.** Strengthen public awareness of the value of trees and participation in tending them.
  - a. **Partner with Township communications staff and Commissioners** to expand our reach to every resident.
  - b. **Establish a student internship** to enhance and grow awareness and involvement with trees.
4. **Ordinance Development and Enforcement.** Guide Township decisions concerning trees.
  - a. **Support adoption of tree preservation** elements within the Township Code.
  - b. **Provide ongoing professional and prompt input** to matters concerning trees.
5. **People.** Grow participation!
  - a. **Continue to strengthen partnership with all Township departments** who make decisions about or oversee operations that involve trees.
  - b. **Partner with the EAC** to advance awareness and best practices concerning trees and water.
  - c. **Partner with Friends of Parks and Commissioners** to grow involvement with planting and care for park trees.

6. **Funding.** Continue to leverage Township resources through grants and private donations that enable the above priorities.
  - a. Maximize value through participation with the TreeVitalize suite of grants.
  - b. Successfully complete the 2017 DCNR C2P2 project and prepare to apply for a follow up grant in 2020.
  - c. Grow the Memorial Tree program, providing a menu of options for honoring loved ones.

## MARK YOUR CALENDAR

**Arbor Day 2019: This year's theme is Trees and Water, co-hosted by the STC and EAC.** Our formal celebration will be held at Dougherty Memorial Park, on April 27, 2019 from 10 am to noon. The program and will include tree planting and two workshops: Rain Barrels and Trees for Your Home. PA Service Forester Kayla Kehres will be on hand to meet residents and present the 2018 Tree City USA Award.

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**We thank you for the opportunity to serve, as we join together to preserve and enhance Abington's Trees.**

Submitted April 11, 2019 by

YOUR Abington Township Shade Tree Commision

Carl Andresen

Joe Ascenzi

John Kennedy

Rita Stevens

Collin Watson



**PUBLIC AFFAIRS COMMITTEE**

**AGENDA ITEM**

March 24, 2019

*DATE*

Parks and Recreation

*DEPARTMENT*

PA-01-050919

*AGENDA ITEM NUMBER*

**FISCAL IMPACT**

Cost > \$10,000.

Yes

No

**PUBLIC BID REQUIRED**

Cost > \$20,100

Yes

No

**AGENDA ITEM:**

Hunter Soccer Club Artificial Turf Field Project

**EXECUTIVE SUMMARY:**

The Hunter Soccer Club wishes to convert the upper field in Penbryn park to an artificial turf field. They wish to be allowed to rent out time that they are not using to other organizations until such time that they pay off their investment (5 years). The field will be for small sided games and practices and will not interfere with township programs.

This would be the first and only artificial turf field in Abington. The field conversion would not affect any Township programs. This project will increase the amount usable playing time by allowing for games and practices during inclement weather seasons.

**PREVIOUS BOARD ACTIONS:**

None

**RECOMMENDED BOARD ACTION:**

Consider and discuss Hunter Soccer Club proposal and request to improve and lease the upper field in Penbryn Park to an artificial turf field.



April 25, 2019

HUNTER  
SOCCER  
CLUB

To The Abington Board of Commissioners:

Please accept this letter proposal submitted on behalf of Hunter Soccer Club. Hunter is a 501 c nonprofit youth soccer club that has been part of the fabric of the Abington Community since 1962. We are currently using the upper field at Penn Bryn for all youth soccer activities and we have used it continuously for all of these many years. It has been utilized for practices and games and has been worn out from all of the play. We believe it is in the children and community's best interest if we modernize the field with artificial turf.

We realize this is expensive and do not rely upon our local government to contribute to this endeavor. We propose to fund the project by fundraising, and loans. We propose to have the field erected then with your understanding and permission we could rent the use of the field out to other youth groups to help us pay off the loans needed for its erection. We believe that it will take five to six years to accomplish this. Then thereafter if Abington would need to utilize the field for their summer sessions or whatever purpose it would be made available with the understanding that we can certainly reach an accommodation with all of the teams schedules.

We respectfully request to proceed as we discussed and as is stated above .Thank you for your consideration and time.

Respectfully submitted,

Bill Manchester,  
President of Hunter Soccer Club

This letter can be supplemented with a more formal agreement if the Board authorizes this plan.





# Hunter Soccer Club Turf Plan

**Confidential**

## Synthetic Turf Field Proposal

**DATE OF PROPOSAL:** March 28, 2019

**PREPARED FOR:** Hunter Soccer Club  
William Manchester  
220 Houston Ave,  
Glenside, PA 19038

**PREPARED BY:** Keystone Sports Construction  
Christopher W. Wright, Managing Member  
180 Gordon Dr. STE 107  
Exton, PA 19341

**PROJECT ADDRESS:** 220 Houston Ave, Glenside, PA 19038

Keystone Sports Construction is pleased to present the following proposal. This offer includes the site work, supply and installation of the synthetic turf system for Hunter Soccer Club Synthetic Turf Field Installation project. Prices are based on **private wage rates**, and in accordance with the plans and specifications provided by William Manchester. The Scope of Work and Proposal Pricing herein are for budgetary purposes only, pending final engineering and plans.

WHEREAS, OWNER wishes to have one (1) synthetic turf athletic field installed at one (1) recreational sports facility generally in keeping with the Scope of Work described herein, and as otherwise may be agreed upon in writing by the parties hereto;

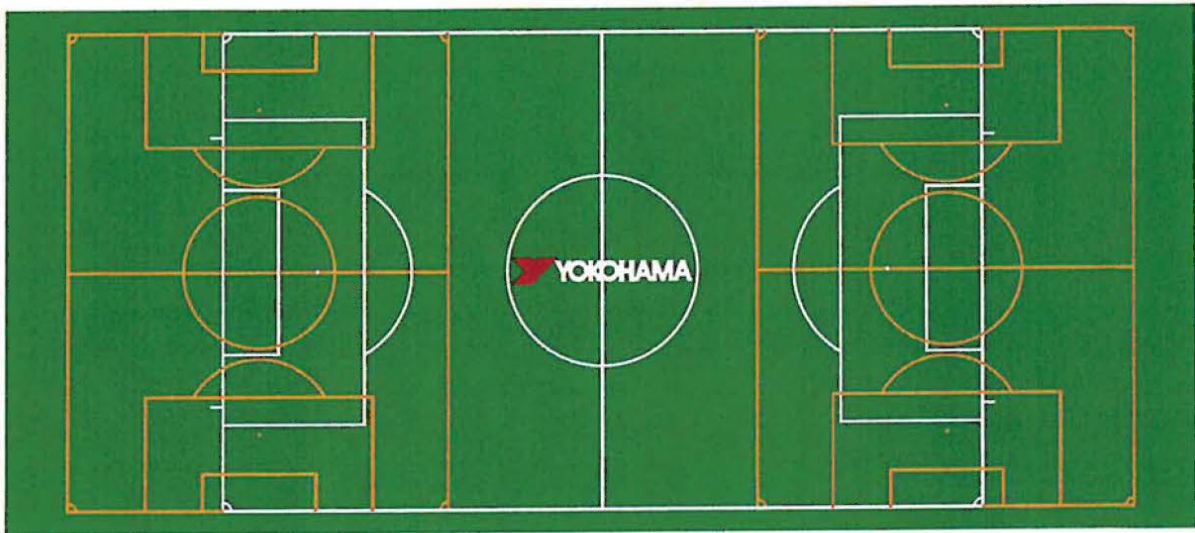
AND WHEREAS, OWNER intends to retain the services of Keystone Sports Construction (hereinafter "KEYSTONE"), for the purposes of installing the recreational synthetic turf field as described herein;

THEREFORE, in consideration for the payment of the total purchase price of:

**Synthetic Turf Field Design Services, Construction and Installation- FC Elite:**  
**Five Hundred Ninety- Seven Thousand One Hundred Twenty- Eight, Dollars (\$597,128)**



PRICING BASED ON DRAWING BELOW



(Any changes to drawing layout may affect price.)

### SCOPE OF WORK

The above to be paid by the HUNTER SOCCER CLUB (hereinafter "OWNER") to KEYSTONE SPORTS CONSTRUCTION. (Hereinafter "KEYSTONE"), KEYSTONE hereby agrees to supply site preparation and install of FC ELITE synthetic turf playing surface, manufactured by Turf Nation, in Dalton, Georgia, from Dow C-8 resins, as required, at the work sites (hereinafter "Project Site Location"), generally in accordance and as further described within the "Scope of Work" set out below and otherwise in keeping with the terms and conditions of this Supply & Installation proposal, the parties hereto agree as follows;

**1) Schedule:**

- a) Commencement Date: TBD
- b) Completion Date: TBD

**1) Design Services:**

**c) SURVEYING**

- i) Perform field run Topographic Survey of approximately 4 acres in area of proposed improvements for 1-foot contour interval. Datum to be NAVD 88. Set site benchmark.
- ii) Locate underground utilities based on observable evidence
- iii) Draft plan of survey.
- iv) Provide CAD file to project engineer.

**d) GRADING, EROSION CONTROL & STORMWATER PERMIT PLAN**

- i) Prepare Grading & Erosion Control Permit Plan showing proposed improvements and grading, utilities, erosion controls and stormwater management facilities, if applicable, required to install improvements.
- ii) Administrative and drafting services related to project including file set-up and
- iii) project data assembly and research.
- iv) Prepare plan notes, zoning tabulation.
- v) Prepare construction details.
- vi) Perform PA-One Call.
- vii) Respond to all review letters as they pertain to ordinance or code requirements only.
- viii) Non-ordinance changes are not included but will be completed at a charge based on the hourly rates listed within this proposal.
- ix) All plan copies required by the Municipality and any other agency will be billed separately and are not included with this cost estimate – see reimbursable expenses.
- x) Prepare all applications required for submission and calculate all required fees.



e) **STORMWATER INFILTRATION TESTING:**

- i) Stormwater Infiltration Testing on-site, assuming as many infiltration tests as can be completed in one day. Does not include any required pavement restoration (cold patch & saw cutting).
- ii) Preparation of soil and hydrological findings report.
- iii) Backhoe and operator.
- iv) Perform PA-One Call to locate existing utilities and potential conflicts.

**NOTE:** Subsequent testing due to limiting zones encountered during testing will incur additional time and cost.

**NOTE:** Assumes access to the testing sites requires minimal clearing (low level brush). Subsequent testing due to limiting zones encountered during testing will incur additional time and cost.

f) **STORMWATER MANAGEMENT DESIGN**

- i) Stormwater management design prepared in accordance with the applicable
- ii) Municipal, County, and NPDES Stormwater Management Ordinances.
- iii) Stormwater management operations and maintenance specifications prepared in accordance with the applicable Municipal and County Stormwater Management Ordinances.
- iv) Stormwater management facility design
- v) Stormwater management facility design details.
- vi) Preparation of stormwater management report.

g) **NPDES PERMITTING AND APPROVAL**

- i) Prepare NPDES application including all certified mailings and PNDI
- ii) correspondence.
- iii) Prepare design of all required BMP's for stormwater management and erosion control
- iv) per the PA Stormwater Best Management Practices Manual.
- v) Prepare Post Construction Stormwater Management and Maintenance Plan in
- vi) accordance with state and local requirements.
- vii) Design and implement BMP measures into plan per the PA DEP Best Management Practices Manual, latest release.
- viii) Attend pre-application meeting with the County Conservation District.
- ix) Prepare applications for submission.
- x) Make all code revisions required by the County Conservation District and PA DEP Chapter 105 rules and Regulations in order to obtain a letter of Adequacy and NPDES Approval.

**h) ESTIMATED PERMITTING FEES & APPROVAL TIMELINE (TOWNSHIP GRADING PERMIT AND NPDES)**

Middletown Township (Approx. 2-3 months)	\$100 E&S Application Fee \$100 Stormwater Permit App Fee \$2,000 Stormwater Review Fee (estimated based on hourly rate)
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NPDES (Approx. 3-4 Months)	\$780 Chapter 102 Plan Review Fee: \$500 NPDES Permit Application Fee: \$400 Disturbed Acreage Fee:
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\*\*Approximate approval time is measured from date of proposal authorization

**i) EXCLUSIONS FROM PROPOSAL**

- i) The Services being provided are only those which are expressly set forth in this proposal. All other services and any fees required by outside agencies in order to secure approval are excluded. Should any excluded items be required that are not part of this proposal, then they will be performed on a time and material basis, subject to your approval at the rates listed below:

**j) RATE SCHEDULE**

- Principal \$ 184.00/hr
- Professional Engineer III \$ 178.00/hr
- Professional Engineer II \$ 167.00/hr
- Professional Engineer I \$ 142.00/hr
- Project Manager III \$ 167.00/hr
- Project Manager II \$ 142.00/hr
- Project Manager I \$ 135.00/hr
- Designer III \$ 130.00/hr
- Designer II \$ 115.00/hr
- Designer I \$ 110.00/hr
- Environmental \$ 130.00/hr
- Administration \$ 97.50/hr

**REIMBURSABLES**

Printing charges will be billed at the current rate schedule as follows:  
 11 x 17 Drawing = \$2.25 per sheet 11 x 17 Color = \$5.00 per sheet  
 24 x 36 Drawing = \$2.50 per sheet 24 x 36 Color = \$30.00 per sheet  
 30 x 42 Drawing = \$3.25 per sheet 30 x 42 Color = \$48.00 per sheet  
 36 x 48 Drawing = \$4.25 per sheet 36 x 48 Color = \$70.00 per sheet



11 x 17 Mylar = \$4.25 per sheet  
24 x 36 Mylar = \$6.00 per sheet  
30 x 42 Mylar = \$7.00 per sheet  
36 x 48 Mylar = \$9.00 per sheet  
Postage and Express Shipping Charges  
Notary Public  
Mileage

\*Rates are subject to change

## 2) Site Work:

- a) Mobilization of personnel and equipment to the project site.
- b) Coordination of the project general conditions.
- c) Establish and maintain construction staking benchmarks for layout and finished conditions.
- d) Establish and maintain construction staging area(s).
- e) Confirm and maintain Project benchmarks and references for layout and finished conditions.
- f) Excavate to achieve new sub-grade (spoils disposed off-site).
- g) Laser grade sub-grade.
- h) Furnish and install new 6"x12" concrete curbing.
- i) Excavate for new recessed collector (spoils disposed off-site).
- j) Furnish and install new treated wood turf nailer, attached to new concrete curbing.
- k) Furnish and install new geo-textile fabric over entire field and thru recessed collector.
- l) Furnish and install 8" HDPE perforated piping
- m) Furnish and Install flat panel drains 30' OC on herringbone design not connected to recessed collector.
- n) Furnish and install 4" of permeable base stone over entire field. Laser grade and compact
- o) Furnish and install 2" of permeable top stone. Laser grade and compact.

## 3) Synthetic Turf System:

- a) Supply and install FC ELITE synthetic turf system in accordance with the approved shop drawings. Panels green in color with sewn seams, per customer approved drawings.
- b) Provide third party, independent test results, taken during the carpet manufacturing process for the actual project carpet system installed. Verifying compliance with the product reference standard and criteria.
- c) Provide three copies of independent third-party test reports performed in accordance with ASTM F1936

- d) Join and sew seams as required between panels of turf
- e) Furnish and install infill system for FC ELITE turf system utilizing a sand/rubber infill blend.
- f) Provide post installation G-max and infill depth tests.
- g) Supply eight (8) year Turf Nation Warranty.
- h) Comprehensive insurance coverage
- i) Project management

**4) Demobilization & Post-Completion:**

- a) Inspection/punch list/close out of Project Site Location with OWNER.
- b) Perform site clean-up inclusive of removal of waste materials and deposit same in a dumpster or other receptacle supplied by KEYSTONE.
- c) Demobilize equipment and labor.
- d) One bag of rubber infill will be left on site for any future infilling (this item must be kept in a protected area).

**5) Extras:**

- a) Any materials and/or services not expressly included in this Scope of Work, are not included within the Proposal price and if requested to be supplied or performed by OWNER in writing, and agreed to by KEYSTONE, shall be deemed an extra to this Supply and Installation Proposal. Said additional materials and/or services shall be supplied and/or performed at a cost to be agreed by the parties hereto in writing.

**6) Exclusions:**

KEYSTONE has NOT INCLUDED the following items in the Scope of Work and are therefore not reflected in the contract price:

- a) Any item not included within the Scope of Work herein
- b) Mobilization and de-mobilization in greater occurrence than the one (1) mobilization anticipated
- c) Bonds and/or bonding costs
- d) Engineering and/or design fees including but not limited to the storm water pollution prevention plan
- e) Survey and layout work beyond the work required to ensure compliance of the installation.
- f) Liquidated damages
- g) Permits, fees, licenses, sales and use tax
- h) Rock excavation, removal and disposal
- i) Unsuitable soils



- j) Lime, lime slurry and cement stabilized sub-grade treatments
- k) Site security
- l) Scoreboards, time-keeping and communication system components.
- m) Underground, multi-chamber, extended detention, sand filters and lever spreader systems are excluded.
- n) Extra excavation and aggregate needed if customer decides to change any field elevations from current proposed elevations.

**7) Special Conditions:**

- a) **INFORMATION AND RESPONSE:** OWNER will promptly respond to all KEYSTONE reasonable requests for information, and in so doing, provide KEYSTONE with full and complete disclosure to ensure project continuity and minimize delays.
- b) **ACCESS:** Once the work commences, KEYSTONE is to have full, direct and easy access and right of way to the Project Site Location. It is hereby acknowledged and agreed that KEYSTONE is not responsible for any damage as a result of moving men and equipment through any point of entry or access to or from the Project Site Location. OWNER is responsible to provide clear, stable, appropriate and safe access to and from the Project Site Location. A staging area will be made available BY THE OWNER to KEYSTONE within reasonable proximity to the Project Site Location.
- c) **UNDERGROUND SERVICES OR OBSTRUCTIONS:** OWNER will be solely responsible for all costs associated with removal/relocation of any above ground or underground obstructions such as hazardous materials or any unidentified substances, utilities or services (except those utilities identified by KEYSTONE /OWNER), which will impede or hinder the performance of the Scope of Work or access to the Project Site Location.
- d) **LIGHTING, ELECTRICITY & FACILITIES:** Existing lighting (if required), use of existing permanent electrical power, facility restrooms and access are to be provided and maintained by OWNER for KEYSTONE use during its performance of the Scope of Work at the Project Site Location. All such utilities or facilities will be supplied at no cost to KEYSTONE and will not be the subject of a credit or chargeback to this Supply and Installation Contract.
- e) **UNION LABOR:** OWNER acknowledges and understands that KEYSTONE is an 'open or merit shop' and as such is a non-unionized company. Further, OWNER acknowledges and understands that KEYSTONE has determined and agreed to the Contract Price based on this premise. In the event KEYSTONE'S



ability to perform its Scope of Work or access to the Project Site Location is impeded by union activity and KEYSTONE is reasonably required to utilize union labor or pay union wage rates to complete the Project or any aspect of it, such additional labor costs incurred by KEYSTONE, if any, shall be at the expense of OWNER and will be deemed to be an approved extra to the contract price. KEYSTONE to follow Department of Labor requirements.

- f) **DELIVERY:** Any materials, including without limitation, synthetic turf rolls, infill, materials, tools, equipment or other sundry items delivered to OWNER by KEYSTONE prior to the Commencement Date shall be deemed to be under KEYSTONE care, custody, and control, and as such, KEYSTONE is at full risk regarding material quantity reconciliation and the replacement of lost or stolen materials. All materials, including without limitation, synthetic turf rolls, infill, materials, tools, equipment or other sundry items so delivered by KEYSTONE shall remain the property of KEYSTONE pending completion of the Scope of Work and payment in full of the contract price. KEYSTONE agrees to name OWNER as additional insured and maintain liability limits of \$1,000,000 (one million dollars) per occurrence.
- g) **PROPOSAL PRICING:** The Scope of Work and Proposal Pricing herein are valid for a period of Ninety (90) calendar days from the date of this proposal. The price is subject to increase if affected by an increase in freight, raw materials, taxes, levies or any new legally binding imposition affecting the transaction. The terms and conditions set forth in this proposal shall expire at 12:01AM on June 27, 2019 unless a contract has been accepted and executed by all parties. Negotiations continuing beyond the date and tie of expiration shall require the submittal of a separate proposal, at the discretion of Keystone Sports Construction.
- h) **PAYMENT TERMS:**
- DRAW #1 - 30% of total contract price due upon signing
  - DRAW #2 - 30% upon mobilization.
  - DRAW #3 - 30% upon greening of the field.
  - DRAW #4 - 10% (remainder/balance) due upon completion and for field and warranty to be released for use. Use of field without complete payment, results in voidance of warranty.
- i) **ADVERSE WEATHER DELAY:** shall be quantified, recorded and qualified for any monthly total exceeding normal weather occurrences as recorded by on-site weather data station or closest NOAA Weather Station. Adverse Weather Delays are considered for any weather event that deviates from the normal duration, rate, frequency or other normal as recoded by historic weather data services. Adverse Weather Delays are considered for any 24-hour period that receives greater than



0.1 inch precipitation or when low temperatures are 32° Fahrenheit or below. Delays in excess of normal occurrences shall be submitted for approval and any costs associated with the delay shall be submitted for inclusion in the contract by change order. Date of substantial completion shall be adjusted accordingly and based upon the approval of the submitted delay request.

- j) ACCESS AND EGRESS: Removal/repair to existing asphalt walks/drives/roads/parking lots. –Damage *caused* to property by KEYSTONE outside the access and egress areas and normal work area around the fields, will be repaired in a proper manner by KEYSTONE. KEYSTONE to provide digital Dropbox folder of entire project start to finish. Walks or drives that are currently damaged or risk compromise or damage are not covered by KEYSTONE. Damage to Access and egress to and from the fields for construction is the responsibility of the owner.
  
- k) CONFIDENTIALITY: This proposal contains the confidential and proprietary work product of KEYSTONE SPORTS CONSTRUCTION and should not be shared by you with any third parties other than representatives or advisers retained by you with respect to the subject project.

KEYSTONE SPORTS CONSTRUCTION

Signature: \_\_\_\_\_

Printed Name: \_\_\_\_\_

Title: \_\_\_\_\_

Date: \_\_\_\_\_

OWNER

Signature: \_\_\_\_\_

Printed Name: \_\_\_\_\_

Title: \_\_\_\_\_

Date: \_\_\_\_\_





Color Legend Color	Name	Pantone Number
<input type="checkbox"/>		
<input type="checkbox"/>		
<input type="checkbox"/>		
<input type="checkbox"/>		

HUNTER SOCCER CLUB



SHOP DRAWING / SUBMITTAL REVIEW:  
 SUBMITTAL WAS REVIEWED FOR DESIGN CONFORMITY AND GENERAL CONFORMANCE TO CONTRACT DOCUMENTS ONLY. THE CONTRACTOR IS RESPONSIBLE FOR CORRELATING QUANTITIES, FABRICATING PROCESS AND TECHNIQUES OF CONSTRUCTION. BY APPROVING THIS DOCUMENT I ACCEPT AND UNDERSTAND THE DESIGN CONCEPT CONTAINED HEREIN SUPERCEDES ALL PREVIOUS VERSIONS.

APPROVED BY: \_\_\_\_\_ DATE: \_\_/\_\_/\_\_

SIGNATURE: \_\_\_\_\_

Note: This page DOES NOT function as an art approval sheet. This page is only to be used for approving field coloration.

Scale 1" = 50'-0"  
 Scale is accurate when printed on 11" x 17" paper.

**Hunter Soccer Club**

**Color Approval**

Keystone Sports Construction  
 180 Gordon Dr. Suite 107  
 Exton, PA 19341  
 www.keysc.com  
 sales@keyssc.com  
 1-877-407-4585





HUNTER SOCCER CLUB

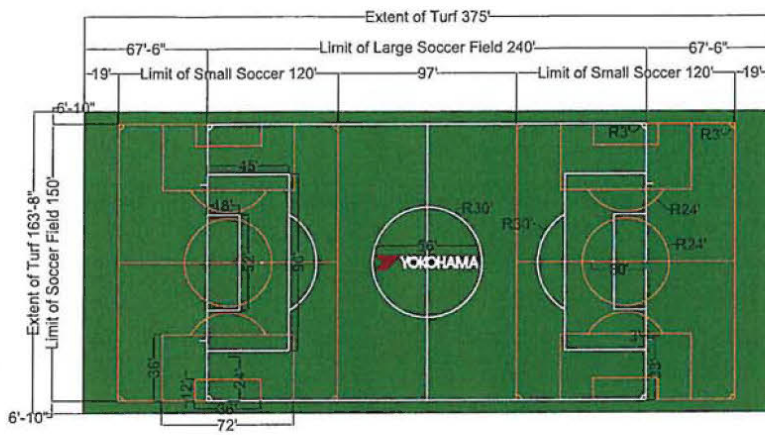


Scale 1" = 50'-0"  
Scale is accurate when printed  
on 11" x 17" paper.

### Hunter Soccer Club

## Outdoor Field Color Field Layout

Keystone Sports Construction  
180 Gordon Dr. Suite 107  
Exton, PA 19341  
www.keyssc.com  
sales@keyssc.com  
1-877-407-4585



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Scale 1" = 50'-0"  
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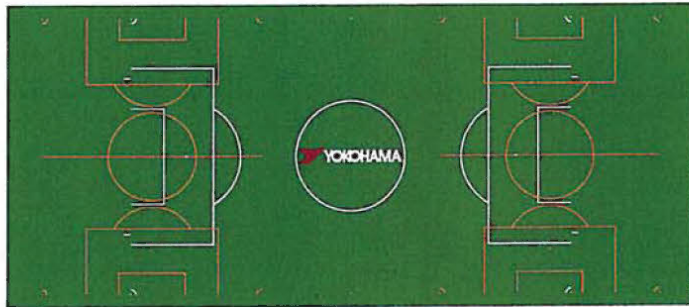
### Hunter Soccer Club

### Field Dimensions

Keystone Sports Construction  
 180 Gordon Dr. Suite 107  
 Exton, PA 19341  
 www.keystsc.com  
 sales@keystsc.com  
 1-877-407-4585



HUNTER SOCCER CLUB



LINES/MARKINGS SHOWN WILL BE INLAID- REFER TO SPECIFIC SPORT SHEET FOR DIMENSIONS



Scale 1" = 50'-0"  
Scale is accurate when printed  
on 11" x 17" paper.

## Hunter Soccer Club

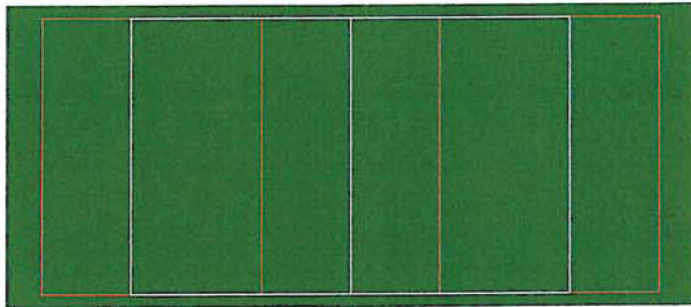
### Inlaid Lines Detail

Keystone Sports Construction  
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1-877-407-4585



Sheet 4 of 6

HUNTER SOCCER CLUB



LINES/MARKINGS SHOWN WILL BE TUFTED- REFER TO SPECIFIC SPORT SHEET FOR DIMENSIONS



Scale 1" = 50'-0"  
Scale is accurate when printed  
on 11" x 17" paper.

## Hunter Soccer Club

## Tufted Lines Detail

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1-877-407-4585

Sheet 5 of 6

