

BOARD OF COMMISSIONERS
Revised AGENDA
Monday, December 10, 2018 - 6:30 PM

Pledge of Allegiance

Notice of Executive Session preceding the Board of Commissioners meeting of December 10, 2018

1. Consent Agenda

- a) Disbursement Review & Approval
- b) Approval of minutes of the Board of Commissioner meeting November 12, 2018; November 19, 2018 & November 26, 2018
- c) Approval and Acceptance of the 2019 Meeting Dates
- d) Resolution #2018-133 - Authorization to Award the Gasoline and Diesel Fuel Contract
- e) Motion to Authorize the Sale of Surplus Township Vehicle
- f) Resolution #2018-138 - Authorizing the Township to enter into agreement with the Pennsylvania Recreation & Parks Society for 2019 Seasonal Discount Ticket Program
- g) Resolution #2018-139 - Authorizing the Township to enter into agreement with David Broida for 2019 Seasonal Tennis Programming
- h) Resolution #2018-140 - Authorizing the Township to enter into agreement with Jump Start Sports, LLC for 2019 Seasonal Programming
- i) Resolution #2018-141 - Authorizing the Township to enter into agreement with Shining Knights, LTD for 2019 Seasonal Chess Programming
- j) Resolution #2018-142 - Authorizing the Township to enter into agreement with Soccer Shots, LLC for 2019 Seasonal Soccer Programming

2. Public Participation - *Individual comment shall be limited to not more than five (5) minutes per Board policy*

3. Announcement of Boards and Commissions Vacancies
4. Reappointments to Various Boards and Commissions
5. Appointments to Various Boards and Commissions
6. Committee Reports

FINANCE & AUDIT

- A. Ordinance #2018-18 [**Adoption**] Adoption of the 2019 Sanitary Sewer Rent rate
- B. Ordinance #2018-17 [**Adoption**] Adoption of the Final Comprehensive Budget for 2019 be setting Township Real Estate Tax Millage rates, and adopting appropriations for 2019
- C. Ordinance #2018-19 [**Adoption**] Adoption the Consolidated Fee Schedule for the Township, Effective January 1, 2019
- D. Resolution #2018-143 – Adopting the Wage and Salary Schedule for 2019

PUBLIC WORKS & ENGINEERING

- ~~E. Resolution #2018-132 – Arboricultural Risk Management of Trees in West Wayne Preserve~~
- F. Ordinance #2018-15 – Discussion and Possible Introduction - Enacting A New Chapter 176, Hazardous Accident Reimbursement, Authorizing the Collection Of, And the

Reimbursement of Township and Fire Department Costs of Response and Clean Up After Transportation, Environmental or Industrial Accidents

- G. Resolution #2018-131 - Authorizing Meliora Design to provide design, permitting, and construction drawings for the West Wayne Preserve Stormwater Management Project, and Flood Reduction Options for the Darby Creek Watershed, at a cost of \$185,889
- H. Resolution #2018-134 - Penn Medicine, 145 King of Prussia Road – **FINAL** – Financial Subdivision Plan
- I. Resolution #2018-135 - Awarding Gannett Fleming, Incorporated the Sanitary Sewer System Condition Assessment in the amount of \$92,000.00
- J. Resolution #2018-136 - 108 Harvard Lane GP#18-176 – Requesting a waiver from §245-22.A (2)(c)[2] – Minimum infiltration requirement
- K. Resolution #2018-137 - 12 Meadowood Road GP#18-178 – Requesting a waiver from §245-22.A (2)(c)[2] – Minimum infiltration requirement

COMMUNITY DEVELOPMENT

- L. Comprehensive Lighting Ordinance for Discussion (**Requested by Commissioner Farhy**)
- M. Discussion and Possible Motion to Authorize John Rice to attend the December 20, 2018 Zoning Hearing Board Meeting to oppose the following: (**Requested by Commissioner Farhy**)
 - **APPEAL #3029** The Applicant, Villanova University, property located at 800 E Lancaster Avenue and zoned PI (Planned Institutional). Applicant seeks to modify the conditions imposed by the prior decision of the Zoning Hearing Board in Appeal #1554 dated November 20, 1980 regarding a grant of relief by the Zoning Board from the height requirements for light standards at the Villanova Football Stadium. Applicant requests that the conditions be modified in order to be consistent with Resolution #2006-05 dated February 14, 2006 of the Board of Commissioners. In the alternative, Applicant requests a variance from Section 280-64E of the Zoning Code, contends that the prior grant of variance did not impose conditions except for the height and number of the light standards, or improperly imposed any other conditions. Applicant further requests such other relief from the Zoning Code consistent with the Exhibits presented.

PARKS & RECREATION
PERSONNEL & ADMINISTRATION
 1682 **PUBLIC SAFETY** 1901
LIBRARY
PUBLIC HEALTH

- New Business
- Old Business
- Public Participation
- Adjournment

RADNOR TOWNSHIP
DISBURSEMENTS SUMMARY
December 3, 2018

The table below summarizes the amount of disbursements made since the last public meeting held on November 26, 2018. As approved by the Board, the Administration is now making weekly accounts payable disbursement batches and publishing those lists on the Township's web site at the following link. Please refer to those files for a detailed listing of the amounts paid by vendor by account code.

Link: <http://radnor.com/728/Disbursements-List>

Fund (Fund Number)	2018-11E November 30, 2018	Total
General Fund (01)	\$322,396.10	\$322,396.10
Sewer Fund (02)	10,636.76	10,636.76
Storm Sewer Management (04)	7,485.00	7,485.00
Capital Improvement Fund (05)	632,341.27	632,341.27
OPEB Fund (08)	128,128.84	128,128.84
Escrow Fund (10)	7,200.00	7,200.00
The Willows Fund (23)	1,035.94	1,035.94
Park & Trail Improvement Fund (501)	8,626.80	8,626.80
Total Accounts Payable Disbursements	\$1,117,850.71	\$1,117,850.71
<i>Electronic Disbursements</i>	n/a	\$943,739.42
Grand Total	\$1,117,850.71	\$2,061,590.13

In addition to the accounts payable checks, the Township also has various electronic payments including payroll, debt service, credit card purchases and fees as well as others from time to time. The attached table reflects all of the electronic payments made since the last public Board meeting as well as those anticipated prior to the next Board meeting.

The Administration has adopted various internal control and processing procedures to ensure that amounts obligated are within the budgetary limits established by the Board of Commissioners. Those procedures are monitored on a daily basis by members of the Finance Department and responsible employees of the various departments. The amounts included in the table above have been scrutinized as part of the internal control and processing procedures and have obtained the required approvals prior to disbursement.

If you should have any questions, please contact the Finance Department.

Respectfully Submitted,



 William M. White
 Finance Director

ELECTRONICALLY PAID DISBURSEMENT LISTING

Estimated Through December 10, 2018

Description	Account No.	Date	Purpose	Amount
Credit Card Revenue Fees - Estimated	Various Funds	12/10/2018	11/18 Credit Card Revenue Processing Fees	\$5,000.00 *
Debt Payment	Various Funds	12/17/2018	US Bank GOB Series 2016	\$59,273.79
Debt Payment	Various Funds	12/17/2018	US Bank GOB Series A of 2015	\$76,465.63
Payroll [Bi-Weekly] Transaction - Estimated	01-various	12/13/2018	Salaries and Payroll Taxes - General Fund	\$785,500.00
Payroll [Bi-Weekly] Transaction - Estimated	02-various	12/13/2018	Salaries and Payroll Taxes - Sewer Fund	\$17,500.00
Period Total				\$943,739.42

* Credit card fees are charged to the Township's accounts on the tenth of the month

<u>Original Estimate</u>			<u>Actual Amount</u>
\$485,500.00	11/29/2018	Salaries and Payroll Taxes - General Fund	\$469,990.40
\$17,500.00	11/29/2018	Salaries and Payroll Taxes - Sewer Fund	\$12,925.12
\$503,000.00			\$482,915.52
\$335,000.00	12/1/2018	Longevity - General Fund	\$323,059.76 *
\$15,000.00	12/1/2018	Longevity - Sewer Fund	\$14,613.49 *
\$350,000.00			\$337,673.25

*Flex Claims are withdrawn from our account twice per month at the discretion of the Administrator. Since these monies are actually withdrawn from employee paychecks and not Twp monies, those transactions are not included on this schedule

\$220,538.61	12/1/2018	Police Pension Payroll	\$220,538.61
\$155,410.53	12/1/2018	Civilian Pension Payroll	\$152,161.39
\$375,949.14			\$372,700.00

TOWNSHIP OF RADNOR
Minutes of the Meeting of November 12, 2018

The Radnor Township Board of Commissioners met at approximately 6:30 PM in the Radnorshire Room in the Radnor Township Municipal Building, 301 Iven Avenue, Wayne, PA 19087

Commissioners Present

<i>Lisa Borowski, President</i>	<i>Luke Clark, Vice-President (arrived at 7:45 PM)</i>	<i>Jake Abel</i>
<i>Richard Booker</i>	<i>Jack Larkin</i>	<i>John Nagle</i>
<i>Sean Farhy</i>		

Also Present: Robert A. Zienkowski, Township Manager/Township Secretary; John Rice, Esq., Township Solicitor; William White, Assistant Township Manager/Finance Director; Christopher Flanagan, Superintendent of Police; William Gallagher, Parking Supervisor; Robert Tate, Assistant Finance Director; Steve Norcini, Township Engineer; Steve McNelis, Public Works Director; Kevin Kochanski, Director of Community Development; Tammy Cohen, Director of Recreation and Community Programming; Roger Philips, Township SALDO Engineer; Amy Kaminski, Traffic Engineer; and Amy Lacey, Revenue Coordinator.

President Borowski called the meeting to order and led the assembly in the Pledge of Allegiance

Notice of Executive Session preceding the Board of Commissioners meeting of November 12, 2018 and Prior to the October 29, 2018 meeting

There was an Executive Session on November 12, 2018 where matters of Real Estate and Personnel were discussed all Commissioners were in attendance with the exception of Commissioner Clark.

President Borowski thanked American Legion, the Township and the Valley Forge Military Academy for the Veterans Day program held yesterday (November 11, 2018) at the War Memorial.

President Borowski also announced the Townships Holiday schedule was in the Board's meeting packet.

I. Consent Agenda

- a) Disbursement Review & Approval
- b) Approval of minutes of the Board of Commissioner meeting October 22, 2018
- c) Approval of the 2019 Township Holiday Schedule
- d) HARB-2018-10 – 207 Lansdowne Avenue - Renovate within space, modifications to 1st floor rear windows to accommodate new kitchen layout. New roof awning over proposed new door
- e) ~~Authorizing Bids for A Sidewalk Replacement Program Regarding Damaged Blocks Caused By Trees In The Right Of Way~~
- f) ~~Resolution #2018-127 – Authorizing the Purchase of a AED Equipment and Services for the Radnor Township Municipal Building, the Radnor Township Public Works Garage, Radnor Activity Center at Sulpizio Gym, and for the Recreation Department~~

Items e and f were requested to be removed from the consent agenda.

Commissioner Farhy made a motion to approve excluding items e and f, seconded by Commissioner Nagle. Motion passed 6-0 with Commissioner Clark absent.

Authorizing Bids for A Sidewalk Replacement Program Regarding Damaged Blocks Caused By Trees In The Right Of Way

Mr. Zienkowski briefly explained the above authorization and answered questions as to the assessment of the sidewalk blocks, location and timing.

Commissioner Nagle made a motion to approve, seconded by Commissioner Farhy. Motion passed 6-0 with Commissioner Clark absent.

Resolution #2018-127 - Authorizing the Purchase of a AED Equipment and Services for the Radnor Township Municipal Building, the Radnor Township Public Works Garage, Radnor Activity Center at Sulpizio Gym, and for the Recreation Department

Ms. Cohen spoke briefly to the above resolution and perhaps putting them in park locations in the future. Motion passes 6-0, with Commissioner Clark absent.

2. Public Participation - Individual comment shall be limited to not more than five (5) minutes per Board policy

Leslie Morgan, Ward 1 spoke to the Farm Road/Windsor Drive stormwater issues in that area and the allocation of funds collected through the stormwater management fee.

Fred Stein, Delaware River Keeper Network spoke to the West Wayne Preserve restoration.

Commissioner Abel asked the Township Manager for an update on the West Wayne Preserve. Proposal for flood mitigation will be on the next meeting agenda.

James Szivos, 238 Willow Avenue showed a presentation of flood on Willow Avenue as a result of the August 13, 2018 storm.

Laura, Willow Avenue resident also spoke to the flooding issues and safety concerns on Willow Avenue.

Township Manager stated the Board has authorized to move forward with getting the design and engineering plans to mitigate the flooding.

Fred Stein, Delaware River Keeper spoke to Gulph Creek flooding issues.

Commissioner Farhy read an emailed letter on behalf of a Chris Hayes, 15 Lowry's Lane, expressing concerns with speeding and traffic with new construction occurring on Villanova University's campus.

3. Appointments to Various Boards and Commissions

The Board appointed Michael Antonopoulos to the Willows Park Preserve.

Commissioner Farhy made a motion to approve, seconded by Commissioner Nagle. Motion passes 4-1 with Commissioner Larkin out of the room; Commissioner Clark absent and Commissioner Abel opposed.

4. Resolution #2018-123 - Declaring Its Support for Small Business Saturday In Radnor Township on November 24, 2018

Commissioner Abel made a motion to approve, seconded Commissioner Farhy.

There was a brief discussion on the above resolution. There will be no parking enforcement that weekend. The parking kiosks will display a message indicating parking will be free.

Motion was made to amend the above resolution to include no parking enforcement or fees on Small Business Saturday by Commissioner Abel, seconded by Commissioner Borowski. Motion to amend the above resolution passed 5-0 with Commissioner Farhy out of the room and Commissioner Clark absent.

Commissioner Borowski called the vote on the original resolution as amended; motion passed 5-0 with Commissioner Farhy out of the room and Commissioner Clark absent.

A. Resolution #2018-122 – Authorization to Engage Zelenkofske Axelrod LLC as Independent Auditors for a Three-Year Engagement

This item was moved up on the agenda. Ed Caine presented the bids of audit services and the recommendation to award the contract to Zelenkofske Axelrod LLC. There was some discussion to the above resolution and the choice of award. Motion passed 5-1, with Commissioner Booker opposed and Commissioner Clark absent.

5. Committee Reports

PERSONNEL & ADMINISTRATION

B. Resolution 2018-53 Amending the Township Organizational Chart

Mr. Zienkowski spoke briefly to the above Resolution, the changes to the existing organizational chart and gave an overview of the changes in each department.

Commissioner Farhy made a motion to approve, seconded by Commissioner Larkin.

Mr. Zienkowski requested an amendment to the resolution; moving the Labor Counsel from Administration to under the Board of Commissioners.

Motion passed 6-0 with Commissioner Clark absent.

C. Resolution 2108-86 Amending the 2018 Wage and Salary Schedule

Mr. Zienkowski spoke briefly to the above Resolution and the adjustments in the wage and salary schedule.

Commissioner Nagle made a motion to approve, seconded Commissioner Farhy.

Commissioner Booker asked the adjustments to be outlined. Mr. White spoke to the salary and wage adjustments. Ms. Cohen spoke to changes in her department at the request of Commissioner Booker.

Motion passed 7-0.

PUBLIC SAFETY

D. Presentation - Radnor Fire Company Strategic Plan

Eamon Brazunas, Administrative Director for Radnor Fire Company gave a presentation on their 5-year strategic plan.

There was Commissioner comment on the strategic plan, pooling resources with other local fire departments, the collection issues and the budget demand the fire company faces while providing emergency services to the constituents.

E. Resolution #2018-129 - Authorizing deer/geese control agreement with USDA

William Gallagher, Parking Enforcement Officer, presented information on the deer/geese control program since its inception in 2012. There was discussion on the number of deer removed, the reduction in deer-involved incidents, and the resulting donation of deer meat to local organizations. There was discussion from the commissioners stressing the importance of the program, and the donation of meat as well as concerns with the hunter's proximity to residential homes. The Pennsylvania Game Commission sets rules on weapons and the proximity to homes.

Commissioner Clark made a motion to approve, seconded Commissioner Farhy. Motion passes 7-0.

FINANCE & AUDIT***F. Ordinance #2018-12 – (Adoption) Amending the Police Pension Ordinance***

William White presented the adoption amending the Police Pension Ordinance based on audit findings. All pension benefits are in compliance with law.

Commissioner Nagle made a motion to approve, seconded Commissioner Farhy. Motion passes 5-1 with Commissioner Booker opposed and Commissioner Farhy out of the room.

G. Ordinance #2018-14 (Adoption) Authorizing the incurrence of nonelectoral debt by the issuance of general obligation notes, series 2018 in the maximum aggregate amount of \$4,545,000

William White presented the ordinance, adding the language “Maximum aggregate amount” as discussed at the last meeting. This will be a bank loan that the Township will be able to draw down on. Currently, there are more than 6 million in sanitary sewer. The adoption will allow the Township to move forward with the final paperwork.

Commissioner Nagle made a motion to approve, seconded Commissioner Larkin.

There was commissioner and staff discussion as to the funds and what they will be used for. The money will be placed in a separate bank account as per the Ordinance. The money will be used for sewer projects already started or planned for.

Public Comment

Leslie Morgan, Ward 1 spoke to the Board of Commissioners underfunding various projects and budgets.

Commissioner Borowski did a roll call vote for the motion:

Commissioner Farhy, aye; Commissioner Clark, aye; Commissioner Abel, aye; Commissioner Booker, aye; Commissioner Larkin, aye; Commissioner Nagle, aye; Commissioner Borowski, aye.

Motion passed 7-0.

H. Resolution #2018-130 - Authorizing Part Time Third Party Uniform Construction Code (UCC) Services by Barry Isett & Associates, Inc.

Kevin Kochanski presented resolution to execute an agreement with Barry Isett & Associates, Inc. for plan review and special inspections.

Commissioner Clark made a motion to approve, seconded Commissioner Nagle. Motion passes 5-1 with Commissioner Booker opposed and Commissioner Larkin out of the room.

I. 2019 Budget Discussion and Direction:

- ***Community Organization and Fire Company Funding Discussion and Direction***

Mr. White presented the funding requests from the various community groups and organizations.

Shade Tree is requesting \$1,025,000; the Wayne Senior Center requested an additional \$15,000 over the \$127,000 that is in the proposed budget; the Library contribution in the proposed budget is \$960,000; the Wayne Business Association is requesting money for a more comprehensive street-scape project with plan and design money being requested for 2019 and money for project competition being requested for 2020 with a total

amount approximately 2,600,000 – 3,100,000; the Bryn Mawr Fire Company contribution in the proposed budget is \$110,000 for operating expenses and \$836,000 for capital; the Women’s Resource Center did not have a specific money request at the time of the meeting; the Historical Society proposed contribution is \$15,000; the Wayne Art Center proposed contribution is \$15,000; Surry Services not requesting money than what they have received in the past; the Radnor Fire Company is requesting an additional \$250,000 over the \$704,000 in the proposed budget; the League of Women Voters is not asking for a contribution but instead would like technological improvements in the televised meetings.

There was much discussion to the funding of the community groups and the shortfall in the budget. There was additional discussion to the possibility of a voter referendum to add a Fire levy/tax.

- *Sanitary Sewer Rent Discussion and Direction*

There was a discussion on the possible 10% sewer rent rate increase. The sewer rate and fund discussion will continue at the next meeting.

J. Resolution #2018-128 – Authorizing the Township to enter into a pilot program agreement with Curb My Clutter LLC Pilot Program Agreement

Mr. Zienkowski spoke to the above resolution.

Commissioner Abel made a motion to approve, seconded Commissioner Clark.

Bob Anderson of Curb My Clutter LLC stated most of the trash collected will be electronics and clothes and to help divert these items from a landfill. Curb My Clutter LLC is picking up in Lower Merion Township weekly. There was discussion among the commissioners and staff to the above resolution.

Public Comment

Sara Pilling, Garrett Hill spoke to the program.

Jane Galli, 7th ward spoke to program.

Motion passes 4-2 with Commissioner Nagle out of the room and Commissioners Borowski and Larkin opposed.

COMMUNITY DEVELOPMENT

K. Ordinance #2018-16 (Introduction) - Amending Chapter 280 Zoning, Article XV, PLO Planned Laboratory-Office District, Section 280-63, By Eliminating Certain Approved Uses In The PLO Planned Laboratory-Office District (Requested by Commissioner Booker)

Commissioner Booker presented an amendment to the PLO Ordinance which will mitigate additional traffic hazards and traffic difficulties.

Commissioner Booker made a motion to introduce the amendment, seconded Commissioner Clark.

Solicitor Rice interjected with procedural requirement; he suggested it be referred to the Planning Commission. There was a discussion amongst the Commissioners.

Commissioner Booker made a motion to send the amendment to the Planning Commission, seconded Commissioner Clark. Motion passes 7-0.

L. Resolution #2018-124 - Ardrossan Phase 2 – Final – Amendment to Previously Approved Final Plan

Motion was made to approve by Commissioner Clark, seconded by Commissioner Borowski.

There was some discussion as to some concerns with the ordinance. David Falcone spoke to the landscaping concerns and to expedite the process. Ed Scott stated that Schreiner will start the landscaping work Nov 26, 2018.

Motion passes 5-1 with Commissioner Booker opposed and Commissioner Abel out of the room.

M. Resolution #2018-125 - Ardrossan Phase 3 – Final – Lot Line Adjustment to Previously Approved Plan

Motion was made to approve by Commissioner Clark, seconded by Commissioner Nagle.

There was a brief discussion, Solicitor Rice suggested holding on to the record plans until there is a timeline for when the work will be completed.

Motion passes 5-1 with Commissioner Booker opposed and Commissioner Abel out of the room.

N. Resolution #2018-120 - Authorizing T&M Associates to Prepare Design and Engineering for Stormwater Management at Banbury, Francis, and Windsor in the amount of \$47,096

Paige Maz and Heather Gill from Stormwater Management Advisory Committee (SWMAC) presented the above resolution.

Motion was made to approve by Commissioner Clark, seconded by Commissioner Borowski.

There was much discussion as to this resolution, the timing of projects, importance of certain projects and if residents were receptive to certain projects.

Commissioner Abel inquired as to getting an “arm” to place across the roads/areas where severe flooding occurs. Mr. Zienkowski stated the Township is looking into the process.

Ms. Gill brought up that in January 2019, there will be 3 more vacancies on the SWMAC and they will no longer have a quorum. Heather Gill resigned from the SWMAC during this discussion.

Public Comment

Jane Galli, 7th ward spoke to the resolution.

Motion to approve the resolution failed 2-5 with Commissioners Farhy, Borowski, Abel, Larkin, and Nagle opposed.

Motion was made to extend 15 minutes by Commissioner Booker, seconded by Commissioner Clark. Motion passes 6-1 with Commissioner Nagle opposed.

PUBLIC WORKS & ENGINEERING

O. Resolution #2018-119- Authorizing T&M Associates to Prepare Design and Bidding Documents for the Arthur Road Storm Sewer Project in the amount of \$12,250

Steve Norcini spoke to the above resolution which will help convey standing water in the cul-de-sac of Arthur Road in the culvert and the dangers it poses.

Commissioner Farhy made a motion to approve, seconded Commissioner Larkin. Motion passes 7-0.

P. Ordinance #2018-13 – (Adoption) An Ordinance of the Township of Radnor, County of Delaware, Commonwealth of Pennsylvania, Amending Article 6, Right-of-Way Management, by Adding a New Section 250-20 to Provide for the Elimination of Visual Obstructions Within the Right-of-Way

There was discussion as to the resident notification when a visual obstruction is removed and as to the location of the visual obstruction at intersections. Mr. Rice stated this was part of an older ordinance that was inadvertently removed when the Ordinance was rewritten.

Commissioner Larkin made a motion to adopt, seconded by Commissioner Clark. Motion passed 6-1 with Commissioner Booker opposed.

Public Comment

Louis Londrillo, 257 Highland Ave, spoke to the issue.

Motion was made to extend 10 minutes by Commissioner Clark, seconded by Commissioner Abel. Motion passes 5-2 Commissioner Booker and Commissioner Nagle opposed.

PARKS & RECREATION

LIBRARY

PUBLIC HEALTH

- Discussion regarding PennDot's plan to resurface/pave all of Lancaster Avenue

Mr. Zienkowski stated this item would be placed on a future meeting agenda.

- A motion to Approve a Utility Easement at Radnor Preserve (formerly the Regency Apartments)

Commissioner Clark spoke to this utility easement. John Rice said the Board needs to pass the standard PECO utility easement.

Commissioner Clark made a motion to approve a utility easement at Radnor Preserve, seconded Commissioner Nagle. Motion passed 6-1 with Commissioner Farhy opposed.

Old Business

- King of Prussia Road Bridge Strikes (Requested by Commissioner Booker)

This item is being tabled to the next meeting.

Public Participation

Baron Gemmer, South Wayne – He spoke to the criteria for community group funding and the executive session announcements.

There being no further business, the meeting adjourned on a motion duly made and seconded.

*Respectfully submitted,
Amy Lacey*

TOWNSHIP OF RADNOR
Minutes of the Special Meeting of November 19, 2018

The Radnor Township Board of Commissioners met at approximately 6:30 PM in the Administration Department in the Radnor Township Municipal Building, 301 Iven Avenue, Wayne, PA 19087

Commissioners Present

<i>Lisa Borowski, President</i>	<i>Luke Clark, Vice-President (arrived late)</i>	<i>Jake Abel</i>	
<i>Richard Booker</i>	<i>Jack Larkin</i>	<i>Sean Farhy</i>	<i>John Nagle</i>

Also Present: *Robert A. Zienkowski, Township Manager/Township Secretary; Kathryn Gartland, Township Treasurer; William White, Assistant Township Manager/Finance Director; and Jennifer DeStefano, Executive Assistant to the Township Manager.*

President Borowski called the meeting to order and led the assembly in the Pledge of Allegiance

1. Public Participation

None

2. 2019 Proposed Budget Discussion

Mr. White briefly discussed the updates that have been made to the proposed 2019 Budget. Items discussed amongst staff and the Commissioners were 10 months of actuals, funding program modifications, mercantile tax revenue, funding the capital plan, OPEB funding, sanitary sewer fund, community funding, etc.

Commissioner Booker made a motion to support Mr. Zienkowski’s recommendation of not funding the OPEB as part of the 2019 budget, seconded by Commissioner Clark. Motion fails 3-4 with Commissioners Farhy, Borowski, Abel and Nagle opposed.

Commissioner Nagle commented he would suggest funding the community groups at the proposed amounts, the additional ask of Wayne Senior Center of \$15,000 and a max additional funding to the Radnor Fire Company of \$100,000.

Public Comment

Sara Pilling – She commented that the proposed increases are a lot to seniors; Skunk Hollow Garden is raising money for Thanksgiving meals as well as discussed recycling in the Township.

There being no further business, the meeting adjourned on a motion duly made and seconded.

Respectfully submitted,
Jennifer DeStefano

TOWNSHIP OF RADNOR
Minutes of the Meeting of November 26, 2018

The Radnor Township Board of Commissioners met at approximately 6:30 PM in the Radnorshire Room in the Radnor Township Municipal Building, 301 Iven Avenue, Wayne, PA 19087

Commissioners Present

Lisa Borowski, President Luke Clark, Vice-President (arrived late) Jake Abel
Richard Booker Jack Larkin Sean Farhy John Nagle

Also Present: Robert A. Zienkowski, Township Manager/Township Secretary; Kathryn Gartland, Township Treasurer; William White, Assistant Township Manager/Finance Director; Steve Norcini, Township Engineer; and Jennifer DeStefano, Executive Assistant to the Township Manager.

President Borowski called the meeting to order and led the assembly in the Pledge of Allegiance

Notice of Executive Session preceding the Board of Commissioners meeting of November 26, 2018

There was an Executive Session on November 26, 2018 where matters of Personnel were discussed all Commissioners were in attendance.

1. Consent Agenda

- a) Disbursement Review & Approval
- b) Approval of minutes of the Board of Commissioner meeting October 29, 2018
- c) Acceptance of Department Monthly Reports
- d) Final Staff Traffic Committee Meeting Minutes – October 17, 2018

Commissioner Clark made a motion to approve, seconded by Commissioner Larkin. Motion passed 7-0.

2. Public Participation - Individual comment shall be limited to not more than five (5) minutes per Board policy

Heather Gill – She spoke regarding past proposed stormwater projects and stormwater problems in Radnor Township.

Chris Todd, WBA – He thanked the Board for supporting Small Business Saturday as well as mentioned that Christmas in Wayne will be this Friday evening and on Saturday the Parade.

Anne Laepple, Executive Director, Radnor Memorial Library – She invited everyone to the Elves on the Shelves to be held on December 1st as well as spoke about the 2019 Budget.

3. Appointments to Various Boards and Commissions

Commissioner Clark made a motion to appoint Joe Reiser to CARFAC, seconded by Commissioner Nagle. Motion passed 7-0.

Commissioner Clark made a motion to appoint Lane Vines to the Board of Health, seconded by Commissioner Borowski. Motion passed 7-0.

4. Committee Reports

FINANCE & AUDIT

A. Sewer Rent Review

Mr. White, Assistant Township Manager/Finance Director briefly discussed the sewer rent millage and that the Board will need to give direction to staff as to the price to complete the ordinance that will be introduced tonight and adopted in December.

B. Capital Budget Review

There was a discussion amongst the Commissioners and Mr. White pertaining to the Capital Budget.

C. 2019 Millage Rate Review

There was a discussion amongst the Commissioners and staff regarding 2019 millage rate as well as reviewed the discussions at the Special Board of Commissioners meeting on November 19, 2018.

D. Ordinance #2018-17 (Introduction) Adoption of the Final Comprehensive Budget for 2019 by setting the Township Real Estate Tax Millage and adopting appropriations for 2019

Commissioner Booker made a motion that the millage rate be set at 3.9228 as recommended by staff, seconded by Commissioner Clark.

Public Comment

Roberta Winters – She commented that the discussions have been interesting and we either pay now or we pay later. We need to be realistic.

Sara Pilling – She spoke that she feels there is a need to raise taxes this year.

Commissioner Borowski called the vote, motion failed 3-4 with Commissioners Farhy, Borowski, Larkin and Nagle opposed.

Commissioner Farhy made a motion to increase the taxes to 7.5% which is a millage rate of 4.2170, seconded by Commissioner Larkin.

There was an in-depth discussion regarding the above proposed motion amongst the Commissioners and staff.

Commissioner Borowski called the vote, motion failed 3-4 with Commissioners Booker, Clark, Borowski and Abel opposed.

Commissioner Larkin made a motion to set the millage rate at 4.1582, seconded by Commissioner Nagle. Motion passed 4-3 with Commissioners Booker, Clark and Abel opposed.

E. Ordinance #2018-18 (Introduction) Adoption of the 2019 Sanitary Sewer Rent Rate

Commissioner Borowski made a motion to set the sanitary sewer rent rate for 2019 at \$7.14, seconded by Commissioner Nagle.

There was a brief discussion amongst the Commissioners. Commissioner Borowski called the vote, motion passed 5-2 with Commissioner Booker and Abel opposed.

F. Ordinance #2018-19 (Introduction) Adoption of the 2019 Consolidated Fee Schedule for the Township, effective January 1, 2019

Commissioner Nagle made a motion to introduce, seconded by Commissioner Clark.

There was a brief discussion amongst the Commissioners and staff regarding the fee for work without permits.

Commissioner Borowski called the vote, motion passed 6-1 with Commissioner Booker opposed.

PUBLIC WORKS & ENGINEERING

G. *Resolution #2018-131 - Authorizing Meliora Design to provide design, permitting, and construction drawings for the West Wayne Preserve Stormwater Management Project, and Flood Reduction Options for the Darby Creek Watershed, at a cost of \$185,889*

Commissioner Abel made a motion to approve, seconded by Commissioner Clark.

Commissioner Larkin made a motion to table, seconded by Commissioner Nagle. Motion passed 4-3 with Commissioners Booker, Clark and Abel opposed.

H. *Penn Medicine, 145 King of Prussia Road – Caucus – Financial Subdivision Plan*

Mr. Falcone representing the applicant Penn Medicine has submitted Financial Subdivision plans for the above project. The purpose of this plan is to depict a financial subdivision for the property at 145 King of Prussia Road. This project received final approval by the Board of Commissioners on May 21, 2018. This project is in the PLO district of the Township. There was an in-depth discussion amongst the Commissioners, Mr. Falcone and staff.

***COMMUNITY DEVELOPMENT
PERSONNEL & ADMINISTRATION
PUBLIC SAFETY
PARKS & RECREATION
LIBRARY
PUBLIC HEALTH***

New Business - None

Old Business - None

Public Participation - None

There being no further business, the meeting adjourned on a motion duly made and seconded.

*Respectfully submitted,
Jennifer DeStefano*

PROPOSED MEETING DATES

Radnor Township
2019 MEETING DATES

JANUARY

2	HARB
7	Board of Commissioners Organization
7	Board of Commissioners
8	Planning Commission - Tuesday
9	Design Review Board
10	Parks & Recreation Board
10	Stormwater Mgmt. Advisory Comm.
14	Special Board of Commissioners
16	Citizens Communications Council
16	CARFAC
17	Zoning Hearing Board
22	Board of Health - Tuesday
23	Shade Tree Commission
24	Environmental Advisory Council
28	Board of Commissioners

FEBRUARY

4	Planning Commission
6	HARB
7	Parks & Recreation Board
11	Board of Commissioners
13	Design Review Board
14	Stormwater Mgmt. Advisory Comm.
19	Board of Health - Tuesday
19	Special Board of Commissioners - Tuesday
20	CARFAC
20	Shade Tree Commission
21	Zoning Hearing Board
25	Board of Commissioners
28	Environmental Advisory Council

MARCH

4	Planning Commission
6	HARB
11	Board of Commissioners
13	Design Review Board
14	Parks & Recreation Board
14	Stormwater Mgmt. Advisory Comm.
18	Board of Health
18	Special Board of Commissioners
20	CARFAC
20	Shade Tree Commission
21	Zoning Hearing Board
25	Board of Commissioners
28	Environmental Advisory Council

APRIL

1	Planning Commission
3	HARB
8	Board of Commissioners
8	Board of Health
9	Citizens Communications Council
10	Design Review Board
11	Parks & Recreation Board
11	Stormwater Mgmt. Advisory Comm.
22	Board of Commissioners
24	CARFAC
24	Shade Tree Commission
25	Zoning Hearing Board
25	Environmental Advisory Comm
29	Special Board of Commissioners

MAY

1	HARB
6	Planning Commission
6	Board of Commissioners
8	Design Review Board
9	Parks & Recreation Board
9	Stormwater Mgmt. Advisory Comm.
13	Special Board of Commissioners
15	Shade Tree Commission
16	Zoning Hearing Board
20	Board of Health
20	Board of Commissioners
21	CARFAC
23	Environmental Advisory Council

JUNE

3	Planning Commission
5	HARB
10	Board of Commissioners
12	Design Review Board
13	Parks & Recreation Board
13	Stormwater Mgmt. Advisory Comm.
17	Board of Health
17	Special Board of Commissioners
19	CARFAC
19	Shade Tree Commission
20	Zoning Hearing Board
24	Board of Commissioners
27	Environmental Advisory Council

JULY

1	Planning Commission
3	HARB
8	Special Board of Commissioners
10	Design Review Board
11	Parks & Recreation Board
11	Stormwater Mgmt. Advisory Comm.
15	Board of Commissioners
17	Citizens Communications Council
17	CARFAC
17	Shade Tree Commission
18	Zoning Hearing Board
25	Environmental Advisory Council

AUGUST

5	Planning Commission
7	HARB
12	Board of Commissioners
14	Design Review Board
14	Stormwater Mgmt. Advisory Comm.
21	CARFAC
21	Shade Tree Commission
22	Environmental Advisory Council

SEPTEMBER

3	Planning Commission - Tuesday
4	HARB
9	Board of Commissioners
11	Design Review Board
12	Parks & Recreation Board
12	Stormwater Mgmt. Advisory Comm.
16	Board of Health
16	Special Board of Commissioners
18	CARFAC
18	Shade Tree Commission
19	Zoning Hearing Board
23	Board of Commissioners
26	Environmental Advisory Comm

OCTOBER

2	HARB
7	Board of Commissioners
9	Design Review Board
10	Parks & Recreation Board
10	Stormwater Mgmt. Advisory Comm.
15	Planning Commission - Tuesday
16	Citizens Communication Council
16	CARFAC
16	Shade Tree Commission
17	Zoning Hearing Board
21	Board of Health
21	Board of Commissioners
24	Environmental Advisory Council
28	Special Board of Commissioners

NOVEMBER

4	Planning Commission
6	HARB
11	Board of Commissioners
13	Design Review Board
14	Parks & Recreation Board
14	Stormwater Mgmt. Advisory Comm.
18	Board of Health
18	Special Board of Commissioners
20	CARFAC
20	Shade Tree Commission
21	Zoning Hearing Board
25	Board of Commissioners

DECEMBER

2	Planning Commission
3	Environmental Advisory Council - Tuesday
4	HARB
9	Board of Commissioners
11	Design Review Board
12	Parks & Recreation Board
12	Stormwater Mgmt. Advisory Comm.
16	Board of Health
16	Board of Commissioners
18	CARFAC
18	Shade Tree Commission
19	Zoning Hearing Board

MEETING TIMES

5:30 PM

Board of Health

6:00 PM

Design Review Board
Environmental Advisory Council
HARB

6:30 PM

Board of Commissioners
Citizens Communications Council
Parks & Recreation Board
Shade Tree Commission

7:00 PM

Planning Commission
CARFAC (Finance Conference Room)
Stormwater Advisory Committee
Zoning Hearing Board

7:30 PM

Board of Commissioners Reorganization meeting - January 7, 2018



RESOLUTION NO. 2018-133

**A RESOLUTION OF RADNOR TOWNSHIP, DELAWARE COUNTY,
PENNSYLVANIA, AWARDING THE CONTRACT FOR 2019 GASOLINE AND
DIESEL FUEL CONTRACTS**

WHEREAS, Radnor Township annually receives sealed bids for the supply of gasoline and diesel fuel

WHEREAS, the Township's fleet, including Public Works, Police, Administration, Community Development, and the Radnor Fire company require gasoline and diesel fuel for their daily operation

WHEREAS, sealed bids were received via Penn BID e-bidding site, and PAPCO, Incorporated, submitted the lowest bids: in the amounts of \$141,784.00, and \$124,968.70

NOW, THEREFORE, be it **RESOLVED** the Board of Commissioners of Radnor Township does hereby award the 2019 gasoline and diesel fuel contract to PAPCO, Incorporated, at the extended prices of \$141,784.00 and \$124,968.70, for gasoline and diesel fuel, respectively, with the knowledge that the price per gallon will fluctuate based on OPIS, and the actual amount will vary based on usage

SO RESOLVED this 10th day of December, 2018, AD

RADNOR TOWNSHIP

By: _____
Name: Lisa Borowski
Title: President

ATTEST: _____
Robert A. Zienkowski
Manager/Secretary

Radnor Township
PROPOSED LEGISLATION

DATE: December 6, 2018

TO: Radnor Township Board of Commissioners

CC: Robert A. Zienkowski, Township Manager
William R. White, Finance Director/Assistant Township Manager
Melissa Conn, Sealed Bid Coordinator

FROM: Stephen McNelis, Director of Public Works

LEGISLATION: Resolution 2018-133: Authorization to Award the Gasoline and Diesel Fuel Contract

LEGISLATIVE HISTORY: The Public Works Department annually bids for the purchase of gasoline and diesel fuel. The Board of Commissioners passed a motion on October 8, 2018, authorizing the receipt of sealed bids for gasoline and diesel fuel.

PURPOSE AND EXPLANATION: The annual gasoline and fuel bid is to provide gasoline and diesel fuel to the Township's fleet, consisting of Public Works' vehicles and equipment, Police Department vehicles, Administration and Community Development vehicles, and the Radnor Fire Company.

The contract is bid based on estimated annual usage of 74,000 gallons of gasoline and 53,000 gallons of diesel fuel. Our annual costs will be based on actual usage. The lowest qualified bidder was PAPCO, Inc. with a gasoline price of \$1.916 per gallon and diesel fuel price of \$2.3579 per gallon.

The bid tabulation is on page two of this memorandum.

IMPLEMENTATION SCHEDULE: Pending Board of Commissioners approval, the Township will use PAPCO, Incorporated as its diesel fuel and gasoline supplier in 2019.

FISCAL IMPACT: Funding for this project is provided in accounts 01-410-100, 01-430-300, 01-430-200, 01-430-400, 02-430-600, 01-416-100, 01-413-101, 01-430-500, 01-403-000, 01-429-100, 01-450-100.

RECOMMENDED ACTION: I respectfully request that the Board of Commissioners award the gasoline and diesel fuel contract to PAPCO, Inc., in the amounts of \$141,784.00 and \$124,968.70, for gasoline and diesel fuel, respectively.

MOVEMENT OF LEGISLATION: It is being requested that the Board of Commissioners approve this legislation.

Bid Tabulation
Purchase of Gasoline and Diesel Fuel

Description	Unit Of Measure	Quantity	PAPCO, Inc.			petroleum traders corporation			Riggins Inc.			East River Energy		Mansfield Oil Company of Gainesville, Inc.			
			Item Bid	Extended	Comment	Item Bid	Extended	Comment	Item Bid	Extended	Comment	Item Bid	Extended	Item Bid	Extended		
Gasoline Fuel - Benchmark Price (see Instruction to Bidders Section 5.5 and Addendum No. 1) NOTE: ALL BIDDERS SHALL INCLUDE \$191.61 FOR THIS LINE ITEM.	Gallon	74000	1.9161	141,791.40		1.9161	141,791.40		1.9161	141,791.40	1.9161	141,791.40	1.9161	141,791.40	1.9161	141,791.40	
Gasoline Fuel - Price Differential	Gallon	74000	-0.0001	(7.40)	Negative -(0.0001)	-0.0032	(236.80)	-0.0032 (minus .0032)	0.0240	1,776.00	0.024	0.0419	3,100.60	0.0519	3,840.60		
TOTAL GASOLINE FUEL				141,784.00			141,554.60			143,567.40			144,892.00		145,632.00		
Diesel Fuel - Benchmark Price (see Instruction to Bidders Section 5.5 and Addendum No. 1) NOTE: ALL BIDDERS SHALL INCLUDE \$233.64 FOR THIS LINE ITEM.	Gallon	53000	2.3364	123,829.20		2.3364	123,829.20		2.3364	123,829.20	2.3364	123,829.20	2.3364	123,829.20	2.3364	123,829.20	
Diesel Fuel - Price Differential	Gallon	53000	0.0215	1,139.50		0.0268	1,420.40		0.0390	2,067.00	0.039	0.0707	3,747.10	0.0697	3,694.10		
TOTAL DIESEL FUEL				124,968.70			125,249.60			125,896.20			127,576.30		127,523.30		
TOTAL FUEL				266,752.70			266,804.20			269,463.60			272,468.30		273,155.30		
Winterizing Additive	Gallon	1	0.0395	0.040		0.0300	0.030		0.0390	0.039	0.039	0.0500	0.050	0.0150	0.015		

Radnor Township
PROPOSED MOTION

DATE: December 10, 2018

TO: Radnor Township Board of Commissioners

CC: Robert A. Zienkowski, Township Manager
William R. White, Assistant Township Manager/Finance Director

FROM: Stephen McNelis, Co-Interim Director of Public Works

LEGISLATION: Motion to Authorize the Sale of Surplus Township Vehicles & Equipment

LEGISLATIVE HISTORY: The Public Works Department annually clears the fleet of vehicles and equipment that are being replaced through the capital equipment program.

PURPOSE AND EXPLANATION: The Public Works Department is requesting to place the vehicles and equipment outlined below at J.J. Kane Public Auction and/or Carriage Trade Auto Auctions:

Number	Description	Department	VIN	Mileage/Hours	Reserve Price (\$)
8	2015 Ford Explorer	Police	1FM5K8AR75GC16550	105,596	\$1,000
11	2015 Ford Explorer	Police	1FM5K8AT6FGB91698	79,619	\$1,000
12	2014 Ford Explorer	Police	1FM5K8AR9EGC13888	93,989	\$1,000
17	2015 Ford Explorer	Police	1FM5K8AR9FGC40817	80,406	\$1,000
87	2010 Ford Expedition	Recreation	1FMJU1G53AEB66142	94,890	\$1,000

IMPLEMENTATION SCHEDULE: The vehicles will be auctioned at the next available auction.

FISCAL IMPACT: The Township will receive revenue, in the aggregate of the minimum reserves.

RECOMMENDED ACTION: I respectfully request the Board of Commissioners to approve the Motion for Clearance of Surplus Township Vehicles and Equipment.

**RESOLUTION NO. 2018-138
RADNOR TOWNSHIP**

**A RESOLUTION OF RADNOR TOWNSHIP, DELAWARE COUNTY,
PENNSYLVANIA. AUTHORIZING THE TOWNSHIP TO ENTER
INTO AN AGREEMENT WITH THE PENNSYLVANIA
RECREATION & PARKS SOCIETY FOR THE 2019 SEASONAL
DISCOUNT TICKET PROGRAM**

WHEREAS, the Radnor Township Recreation & Community Programming Department offers various programs and services to improve the quality of life throughout the year; and

WHEREAS, in many cases, the Township contracts with outside organizations and individuals to deliver specialized programs and services; and

WHEREAS, the Home Rule Charter Chapter 7.11(D) requires that any contract in excess of \$7,500 be formally approved by the Board of Commissioners; and

WHEREAS, the Township anticipates that the discount tickets will result in a contractual payment to the Pennsylvania Recreation & Parks Society that will exceed the \$7,500 threshold stipulated by the Home Rule Charter and therefore will require Board approval; and

WHEREAS, the Township collects fee-based revenue from participants that are aligned to cover the full cost of the proposed contract included in this Resolution.

NOW, THEREFORE, it is hereby **RESOLVED** that the Board of Commissioners of Radnor Township hereby authorizes the Township to enter into an agreement with the Pennsylvania Recreation & Parks Society for their portion of the proceeds generated from the seasonal discount ticket program that is estimated to be \$12,000.00.

SO RESOLVED, at a duly convened meeting of the Board of Commissioners of Radnor Township conducted on this 10th day of December, 2018.

RADNOR TOWNSHIP

By: _____
Name: Lisa Borowski
Title: President

ATTEST: _____
Name: Robert A. Zienkowski
Title: Township Manager/Secretary

Radnor Township



PROPOSED LEGISLATION

DATE: December 4, 2018

TO: Board of Commissioners

FROM: Tammy Cohen, Director of Recreation & Community Programming

A handwritten signature in blue ink, appearing to be "TC", is located to the right of the "FROM:" line.

LEGISLATION: Resolution 2018-138 authorizing the Township to enter into an agreement with the Pennsylvania Recreation & Parks Society for the 2019 Seasonal Discount Ticket Program.

LEGISLATIVE HISTORY: This is a one-time resolution that is specific to the seasonal discount ticket program in 2019. Since the program participation is anticipated to be high enough to cause the Pennsylvania Recreation & Parks Society's portion to exceed \$7,500, the Charter requires that the Board formally approved the agreement.

PURPOSE AND EXPLANATION: The Recreation & Community Programming Department would like to work with the Pennsylvania Recreation & Parks Society to offer the community seasonal discount tickets to area attractions such as local ski destinations and amusement parks in 2019. It is anticipated that the amount of tickets purchased by members of the community will be high enough to cause the Pennsylvania Recreation & Parks Society's portion of the proceeds to exceed \$7,500. The purpose for the resolution is to satisfy the Charter requirement that any contract that exceeds \$7,500 must be formally approved by the Board of Commissioners.

FISCAL IMPACT: The impact of the seasonal discount ticket program is that it is anticipated that the Township will generate a specific per-ticket fee (varies by type of ticket and destination) and a specific portion of each ticket fee will be contractually owed to the Pennsylvania Recreation & Parks Society, which is estimated to be \$12,000.00 for 2019. The specific costs of the tickets are aligned to cover the full cost of the proposed contract included in this Resolution. The anticipated cost for the seasonal discount tickets with the Pennsylvania Recreation & Parks Society has been budgeted under the *Recreation Programming – Programs* area of the Township 2019 Budget under *Contractual Services*.

RECOMMENDED ACTION: The Administration respectfully recommends that the Board adopt this resolution at the December 10th, 2018 Board of Commissioner's Meeting.

**RESOLUTION NO. 2018-139
RADNOR TOWNSHIP**

**A RESOLUTION OF RADNOR TOWNSHIP, DELAWARE COUNTY,
PENNSYLVANIA, AUTHORIZING THE TOWNSHIP TO ENTER INTO AN
AGREEMENT WITH DAVID BROIDA FOR 2019 SEASONAL TENNIS
PROGRAMMING.**

WHEREAS, the Radnor Township Parks & Recreation Department offers various programming to improve the quality of life throughout the year; and

WHEREAS, in many cases, the Township contracts with outside organizations who then run the program; and

WHEREAS, the Home Rule Charter Chapter 7.11(D) requires that any contract in excess of \$7,500 be formally approved by the Board of Commissioners; and

WHEREAS, the Township anticipates that the seasonal tennis programming in 2019 will result in a contractual payment to David Broida that will exceed the \$7,500 threshold stipulated by the Home Rule Charter and therefore will require Board approval; and

WHEREAS, the Township collects fee-based revenue from participants that are aligned to cover the full cost of the proposed contract included in this Resolution.

NOW, THEREFORE, it is hereby **RESOLVED** that the Board of Commissioners of Radnor Township hereby authorizes the Township to enter into an agreement with David Broida for his portion of the proceeds of the seasonal tennis programming that is estimated to be \$10,000.00 in 2019.

SO RESOLVED, at a duly convened meeting of the Board of Commissioners of Radnor Township conducted on this 10th day of December, 2018.

RADNOR TOWNSHIP

By: _____
Name: Lisa Borowski
Title: President

ATTEST: _____
Name: Robert A. Zienkowski
Title: Township Manager/Secretary

Radnor Township



PROPOSED LEGISLATION

DATE: December 4, 2018

TO: Board of Commissioners

FROM: Tammy Cohen, Director of Recreation & Community Programming

A handwritten signature in blue ink, appearing to be "TC", enclosed in a circle.

LEGISLATION: Resolution 2018-139 authorizing the Township to enter into an agreement with David Broida for 2019 Seasonal Tennis Programming.

LEGISLATIVE HISTORY: This is a one-time resolution that is specific to the seasonal tennis programming in 2019. Since the program enrollment is anticipated to be high enough to cause David Broida's portion to exceed \$7,500, the Charter requires that the Board formally approves the agreement.

PURPOSE AND EXPLANATION: The Recreation & Community Programming Department would like to work with David Broida to run seasonal tennis programming in 2019. It is anticipated that the enrollment for the seasonal tennis lessons will be high enough to cause David Broida's portion of the proceeds to exceed \$7,500. The purpose for the resolution is to satisfy the Charter requirement that any contract that exceeds \$7,500 must be formally approved by the Board of Commissioners.

FISCAL IMPACT: The impact of the seasonal tennis programming is that it is anticipated that the Township will generate 25% of the total programming sales (plus 100% of the non-resident fees) and that 75% of the total programming sales is contractually owed to David Broida and is estimated to be \$10,000.00 for 2019. The Township collects fee-based revenue from program participants that are aligned to cover the full cost of the proposed contract included in this Resolution. The anticipated cost for the seasonal tennis lessons with David Broida has been budgeted under the *Recreation Programming – Programs* area of the Township 2019 Budget under *Contractual Services*.

RECOMMENDED ACTION: The Administration respectfully recommends that the Board adopt this resolution at the December 10th, 2018 Board of Commissioner meeting.

**RESOLUTION NO. 2018-140
RADNOR TOWNSHIP**

**A RESOLUTION OF RADNOR TOWNSHIP, DELAWARE COUNTY,
PENNSYLVANIA. AUTHORIZING THE TOWNSHIP TO ENTER
INTO AN AGREEMENT WITH JUMP START SPORTS, LLC. FOR
2019 SEASONAL PROGRAMMING.**

WHEREAS, the Recreation & Community Programming Department offers various programming to improve the quality of life throughout the year; and

WHEREAS, in many cases, the Township contracts with outside organizations who then run the program; and

WHEREAS, the Home Rule Charter Chapter 7.11(D) requires that any contract in excess of \$7,500 be formally approved by the Board of Commissioners; and

WHEREAS, the Township anticipates that the seasonal programming in 2019 will result in a contractual arrangement with Jump Start Sports, LLC. that will exceed the \$7,500 threshold stipulated by the Home Rule Charter and therefore will require Board approval; and

NOW, THEREFORE, it is hereby **RESOLVED** that the Board of Commissioners of Radnor Township hereby authorizes the Township to enter into an agreement with Jump Start Sports, LLC. for their portion of the proceeds of the seasonal programming in 2019 that is estimated to be \$65,000.00.

SO RESOLVED, at a duly convened meeting of the Board of Commissioners of Radnor Township conducted on this 10th day of December, 2018.

RADNOR TOWNSHIP

By: _____
Name: Lisa Borowski
Title: President

ATTEST: _____
Name: Robert A. Zienkowski
Title: Township Manager/Secretary

Radnor Township



PROPOSED LEGISLATION

DATE: December 4, 2018

TO: Board of Commissioners

FROM: Tammy Cohen, Director of Recreation & Community Programming

Ⓟ

LEGISLATION: Resolution 2018-140 authorizing the Township to enter into an agreement with Jump Start Sports, LLC. for 2019 Seasonal Programming.

LEGISLATIVE HISTORY: This is a one-time resolution that is specific to the seasonal programming in 2019. Since the program enrollment is anticipated to be high enough to cause Jump Start Sports, LLC.'s portion of the proceeds to exceed \$7,500, the Charter requires that the Board formally approve the agreement.

PURPOSE AND EXPLANATION: The Recreation & Community Programming Department would like to work with Jump Start Sports, LLC. to offer various seasonal programs in 2019. It is anticipated that the enrollment for the seasonal programming will be high enough to cause Jump Start Sports, LLC.'s portion of the proceeds to exceed \$7,500. The purpose for the resolution is to satisfy the Charter requirement that any contract that exceeds \$7,500 must be formally approved by the Board of Commissioners.

FISCAL IMPACT: The impact of the seasonal programming is that it is anticipated that the Township will generate 30% of the total programming sales (plus 100% of the non-resident fees) and that 70% of the total programming sales will be retained by Jump Start Sports, LLC. under this contractual agreement, which is estimated at \$65,000 for 2019. Jump Start Sports, LLC. will be responsible for collecting all of the proceeds generated from the seasonal programming and the Township will receive their 30% portion from Jump Start Sports, LLC. There will be no direct payment made by the Township under this contractual agreement and therefore no direct impact to the expense portion of the Township 2019 Budget.

RECOMMENDED ACTION: The Administration respectfully recommends that the Board adopt this resolution at the December 10th, 2018 Board of Commissioner's Meeting.

**RESOLUTION NO. 2018-141
RADNOR TOWNSHIP**

A RESOLUTION OF RADNOR TOWNSHIP, DELAWARE COUNTY, PENNSYLVANIA. AUTHORIZING THE TOWNSHIP TO ENTER INTO AN AGREEMENT WITH SHINING KNIGHTS, LTD. FOR 2019 SEASONAL CHESS PROGRAMMING.

WHEREAS, the Radnor Township Recreation & Community Programming Department offers various programming to improve the quality of life throughout the year; and

WHEREAS, in many cases, the Township contracts with outside organizations and individuals who then run the program; and

WHEREAS, the Home Rule Charter Chapter 7.11(D) requires that any contract in excess of \$7,500 be formally approved by the Board of Commissioners; and

WHEREAS, the Township anticipates that the seasonal chess programming in 2019 will result in a contractual payment to Shining Knights, LTD. that will exceed the \$7,500 threshold stipulated by the Home Rule Charter and therefore will require Board approval; and

WHEREAS, the Township collects fee-based revenue from program participants that are aligned to cover the full cost of the proposed contract included in this Resolution.

NOW, THEREFORE, it is hereby **RESOLVED** that the Board of Commissioners of Radnor Township hereby authorizes the Township to enter into an agreement with Shining Knights, LTD. for their portion of the proceeds of the seasonal chess programming in 2019 that is estimated to be \$20,000.00.

SO RESOLVED, at a duly convened meeting of the Board of Commissioners of Radnor Township conducted on this 10th day of December, 2018.

RADNOR TOWNSHIP

By: _____
Name: Lisa Borowski
Title: President

ATTEST: _____
Name: Robert A. Zienkowski
Title: Township Manager/Secretary

Radnor Township



PROPOSED LEGISLATION

DATE: December 4, 2018

TO: Board of Commissioners

FROM: Tammy Cohen, Director of Recreation & Community Programming

②

LEGISLATION: Resolution 2018-141 authorizing the Township to enter into an agreement with Shining Knights, LTD. for 2019 Seasonal Chess Programming.

LEGISLATIVE HISTORY: This is a one-time resolution that is specific to the seasonal chess programming in 2019. Since the program enrollment is anticipated to be high enough to cause Shining Knights, LTD.'s portion to exceed \$7,500, the Charter requires that the Board formally approve the agreement.

PURPOSE AND EXPLANATION: The Recreation & Community Programming Department would like to work with Shining Knights, LTD. to run the seasonal chess programming in 2019. It is anticipated that the enrollment for the seasonal chess programming in 2019 will be high enough to cause Shining Knight LTD.'s portion of the proceeds to exceed \$7,500. The purpose for the resolution is to satisfy the Charter requirement that any contract that exceeds \$7,500 must be formally approved by the Board of Commissioners.

FISCAL IMPACT: The impact of the seasonal chess programming is that it is anticipated that the Township will generate 30% of the total programming sales (plus 100% of the non-resident fees) and that 70% of the proceeds is contractually owed to Shining Knights, LTD., which is estimated to be \$20,000.00 for 2019. The Township collects fee-based revenue from program participants that are aligned to cover the full cost of the proposed contract included in this Resolution. The anticipated cost for the seasonal chess programming with Shining Knights, LTD. has been budgeted under the *Recreation Programming – Programs* area of the Township 2019 Budget under *Contractual Services*.

RECOMMENDED ACTION: The Administration respectfully recommends that the Board adopt this resolution at the December 10th, 2018 Board of Commissioner's Meeting.

**RESOLUTION NO. 2018-142
RADNOR TOWNSHIP**

**A RESOLUTION OF RADNOR TOWNSHIP, DELAWARE COUNTY,
PENNSYLVANIA. AUTHORIZING THE TOWNSHIP TO ENTER
INTO AN AGREEMENT WITH SOCCER SHOTS, LLC. FOR 2019
SEASONAL SOCCER PROGRAMMING.**

WHEREAS, the Recreation & Community Programming Department offers various programming to improve the quality of life throughout the year; and

WHEREAS, in many cases, the Township contracts with outside organizations who then run the program; and

WHEREAS, the Home Rule Charter Chapter 7.11(D) requires that any contract in excess of \$7,500 be formally approved by the Board of Commissioners; and

WHEREAS, the Township anticipates that the seasonal programming in 2019 will result in a contractual arrangement with Soccer Shots, LLC. that will exceed the \$7,500 threshold stipulated by the Home Rule Charter and therefore will require Board approval; and

NOW, THEREFORE, it is hereby **RESOLVED** that the Board of Commissioners of Radnor Township hereby authorizes the Township to enter into an agreement with Soccer Shots, LLC. for their portion of the proceeds of the seasonal soccer programming in 2019 which is estimated to be \$35,000.00.

SO RESOLVED, at a duly convened meeting of the Board of Commissioners of Radnor Township conducted on this 10th day of December, 2018.

RADNOR TOWNSHIP

By: _____
Name: Lisa Borowski
Title: President

ATTEST: _____
Name: Robert A. Zienkowski
Title: Township Manager/Secretary

Radnor Township



PROPOSED LEGISLATION

DATE: December 4, 2018

TO: Board of Commissioners

FROM: Tammy Cohen, Director of Recreation & Community Programming

④

LEGISLATION: Resolution 2018-142 authorizing the Township to enter into an agreement with Soccer Shots, LLC. for 2019 Seasonal Soccer Programming.

LEGISLATIVE HISTORY: This is a one-time resolution that is specific to the seasonal soccer programming in 2019. Since the program enrollment is anticipated to be high enough to cause Soccer Shots, LLC.'s portion of the proceeds to exceed \$7,500, the Charter requires that the Board formally approve the agreement.

PURPOSE AND EXPLANATION: The Recreation & Community Programming Department would like to work with Soccer Shots, LLC. to offer various seasonal soccer programs in 2019. It is anticipated that the enrollment for the seasonal soccer programming in 2019 will be high enough to cause Soccer Shots, LLC.'s portion of the proceeds to exceed \$7,500. The purpose for the resolution is to satisfy the Charter requirement that any contract that exceeds \$7,500 must be formally approved by the Board of Commissioners.

FISCAL IMPACT: The impact of the seasonal soccer programming is that it is anticipated that the Township will generate 25% of the total programming sales (plus 100% of the non-resident fees) and that 75% of the total programming sales will be retained by Soccer Shots, LLC. under this contractual agreement, which is estimated to be \$35,000.00. Soccer Shots, LLC. will be responsible for collecting all of the proceeds generated from the seasonal soccer programming and the Township will receive their 25% portion from Soccer Shots, LLC. There will be no direct payment made by the Township under this contractual agreement and therefore no direct impact to the expense portion of the Township 2019 Budget.

RECOMMENDED ACTION: The Administration respectfully recommends that the Board adopt this resolution at the December 10th, 2018 Board of Commissioner's Meeting.

Public Participation

Vacancies on Various Boards & Commissions

Board of Health 4-year term 1 Vacancy (as of 1/1/2019)	Code Appeals Board 5-year term 1 Immediate Vacancy 1 Vacancy (as of 1/1/2019) <i>Requirements: Master Electrician Master Plumber General Contractor</i>
CARFAC 4-year term 6 Vacancies	Stormwater Management Advisory Committee 3-year term 3 Vacancies
Citizens Communication Council 1 Vacancy (as of 1/1/2019)	Radnor-Haverford-Marple Sewer Authority 5-year term 1 Vacancy (as of 1/1/2019)
Planning Commission 1 Vacancy	Willows Park Preserve 1 Vacancy
Environmental Advisory Board 1 Vacancy	Zoning Hearing Board 1 Vacancy - unexpired term 12/31/2020
Willows Park Preserve 1 Vacancy	

Reappointments to Various Boards & Commissions Effective January 1, 2019

- Joan Capuzzi – Board of Health (4-year term)
- Kathryn Durr – Board of Health (4-year term)
- Brian Kirby – Citizens Communication Council (5-year term)
- Bob Thomason – Citizens Communication Council (5-year term)
- Suzette Margolis – Citizens Communication Council (5-year term)
- Clare Girton – Parks and Recreation Board (5-year term)
- Mary Coe – Parks and Recreation Board (5-year term)
- Liz Springer – Planning Commission (4-year term)
- Charles Falcone – Planning Commission (4-year term)
- Joseph Voegele – Rental Housing Appeals Board (5-year term)
- Eileen Brett – Shade Tree Commission (5-year term)
- Brad Delizia – Zoning Hearing Board (5-year term)

Appointments to Various Boards and Commissions

**ORDINANCE NO. 2018-18
FISCAL YEAR 2019 SEWER RENT RATE**

**AN ORDINANCE OF THE TOWNSHIP OF RADNOR, DELAWARE COUNTY,
COMMONWEALTH OF PENNSYLVANIA, ESTABLISHING THE TOWNSHIP
SANITARY SEWER RENT FOR 2019**

The Board of Commissioners of Radnor Township, Delaware County, Pennsylvania, hereby ENACTS and ORDAINS, as follows:

Section 1. That the Final 2019 Budget, referenced as the Township Manager's Recommended Comprehensive Budget (version 2) incorporated in Ordinance 2018-17, dated November 26, 2018, sets forth all proposed revenues and appropriations for all Township funds for fiscal year 2019.

Section 2. The Sanitary Sewer Fund (#002) revenues included in the Final 2019 Budget are estimated based on the billing and collection of a sanitary sewer user fee calculated as a rate times water consumption, provided by Aqua, PA annually.

Section 3. The annual sewer service charges for all real property within the Township shall be set at the amount of \$7.14 per 1,000 gallons of water used in the year 2018 as certified by Aqua.

Section 4. Repealer. All ordinance or parts of ordinances which are inconsistent herewith are hereby repealed.

Section 5. Severability. If any section, paragraph, sub-section, clause or provision of this Ordinance shall be declared invalid or unconstitutional by a court of competent jurisdiction, such decision shall not affect the validity of this Ordinance as a whole or any part thereof other than that portion specifically declared invalid.

Section 6. Effective Date. This Ordinance shall become effective in accordance with the Radnor Township Home Rule Charter.

ENACTED AND ORDAINED this 10th day of December, 2018

RADNOR TOWNSHIP

By: _____
Name: Lisa Borowski
Title: President

ATTEST: _____
Name: Robert A. Zienkowski
Title: Township Manager / Secretary

MARY C. EBERLE
JOHN B. RICE
DIANNE C. MAGEE *
DALE EDWARD CAVA
DAVID P. CARO ♦
DANIEL J. PACI ♦ †
JONATHAN J. REISS ◊
GREGORY E. GRIM †
PETER NELSON *
PATRICK M. ARMSTRONG
SEAN M. GRESH
KELLY L. EBERLE *
JOEL STEINMAN
MATTHEW E. HOOVER
COLBY S. GRIM
MICHAEL K. MARTIN
JULIEANNE E. BATEMAN
MITCHELL H. BAYLARIAN
IAN W. PELTZMAN

* ALSO ADMITTED IN NEW JERSEY
◊ ALSO ADMITTED IN NEW YORK
† MASTERS IN TAXATION
♦ ALSO A CERTIFIED PUBLIC ACCOUNTANT

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GRIM, BIEHN & THATCHER

A PROFESSIONAL CORPORATION
SUCCESSOR TO
GRIM & GRIM AND BIEHN & THATCHER
ESTABLISHED 1895 AND 1956,
RESPECTIVELY
123RD ANNIVERSARY 1895-2018

www.grimlaw.com

Peter Nelson
e-mail: pnelson@grimlaw.com

J. LAWRENCE GRIM, JR., OF COUNSEL
JOHN FREDERIC GRIM, OF COUNSEL

104 S. SIXTH STREET
P.O. BOX 215
PERKASIE, PA. 18944-0215
(215) 257-6811
FAX (215) 257-5374

(215) 536-1200
FAX (215) 538-9588

(215) 348-2199
FAX (215) 348-2520

November 28, 2018

VIA ELECTRONIC CORRESPONDENCE

Delaware County Daily Times
Attn: Legal Department
500 Mildred Avenue
Primos, PA 19018

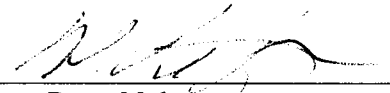
Re: Radnor Township –2019 Sanitary Sewer Rent Ordinance

Dear Legal Department:

Enclosed please find for advertisement one (1) time in the Friday, November 30th edition of your newspaper, a Legal Notice for the possible enactment of the above ordinance by the Board of Commissioners of Radnor Township at their meeting on December 10, 2018. Kindly provide proof of publication and your invoice for the advertisement directly to Radnor Township, c/o Robert Zienkowski, 301 Iven Avenue, Wayne, PA 19087. A full copy of the text of the ordinance is enclosed for public inspection. If you have any questions regarding the enclosed, please do not hesitate to contact my office.

Sincerely,

GRIM, BIEHN & THATCHER

By: 
Peter Nelson

HPN/hlp
Enclosure

cc: Robert Zienkowski, Township Manager (via email)
Jennifer DeStefano (via email)

LEGAL NOTICE


Notice is hereby given that the Board of Commissioners of the Township of Radnor, Delaware County, Pennsylvania, will consider for possible enactment an ordinance, of which this Notice is a summary, establishing the Township sanitary sewer rent for 2019.

The Board of Commissioners will hold a public hearing on December 10, 2018, at 6:30 p.m., at the Radnor Township Municipal Building, 301 Iven Avenue, Wayne, PA 19087 to consider the ordinance. Copies of the full text of the proposed ordinance are available at the Township offices, the Delaware County Law Library, and the offices of this newspaper during normal business hours.

RADNOR TOWNSHIP
BOARD OF COMMISSIONERS
301 Iven Avenue
Wayne, PA 19087-5297

ATTEST:

I do hereby certify that this is a true and correct copy of the proposed Ordinance of Radnor Township, being advertised for possible adoption by the Radnor Township Board of Commissioners on December 10, 2018.

A handwritten signature in black ink, appearing to read "Peter Nelson", written over a horizontal line.

Peter Nelson, Esquire
Grim, Biehn & Thatcher
Township Solicitor

**ORDINANCE NO. 2018-17
FISCAL YEAR 2019 TAX LEVY**

**AN ORDINANCE OF THE TOWNSHIP OF RADNOR, DELAWARE COUNTY,
COMMONWEALTH OF PENNSYLVANIA, ADOPTING A FINAL
COMPREHENSIVE BUDGET FOR FISCAL YEAR 2019, AND ESTABLISHING
THE TOWNSHIP MILLAGE RATE**

The Board of Commissioners of Radnor Township, Delaware County, Pennsylvania, hereby ENACTS and ORDAINS, as follows:

Section 1. That the Final 2019 Budget, referenced as the Township Manager's Recommended Comprehensive Budget attached hereto and incorporated herein, dated October 25, 2018, is hereby adopted setting forth all proposed revenues and appropriations for all Township funds for fiscal year 2019 and subject to the following Board direction discussed at the Board of Commissioner meetings held on November 19, 2018 and November 26, 2018:

- a. A motion to include the full amount of the 2019 OPEB allotted payment in the 2019 budget in the amount of \$1,259,209 approved by the Board at the public hearing held on November 19, 2018.
- b. Inclusion of \$100,000 in additional funds in addition to amounts already included in the 2019 Township Manager's Recommended Budget for the Radnor Fire Company.
- c. Inclusion of \$15,000 in additional funds in addition to amounts already included in the 2019 Township Manager's Recommended Budget for the Wayne Senior Center.
- d. No additional Capital funding to be included beyond what was included in the Township Manager's Recommended Budget.

Section 2. The total tax millage rate for 2019 shall be 4.1582 mills and is allocated as follows:

Operational / Capital tax levy	-	3.9865 mills (unchanged from 2012)
Debt Service tax levy	-	<u>0.1717</u> mills (established in 2016)
Total tax levy 2018	-	4.1582 mills

Section 3. That all other permit, service and user fees for fiscal year 2019 shall be set by Ordinance 2018-19 and shall be subject to further amendment by the Board of Commissioners.

Section 4. Repealer. All ordinance or parts of ordinances which are inconsistent herewith are hereby repealed.

Section 5. Severability. If any section, paragraph, sub-section, clause or provision of this Ordinance shall be declared invalid or unconstitutional by a court of competent jurisdiction, such decision shall not affect the validity of this Ordinance as a whole or any part thereof other than that portion specifically declared invalid.

Section 6. Effective Date. This Ordinance shall become effective in accordance with the Radnor Township Home Rule Charter.

ENACTED AND ORDAINED this 10th day of December, 2018

RADNOR TOWNSHIP

By: _____
Name: Lisa Borowski
Title: President

ATTEST: _____
Name: Robert A. Zienkowski
Title: Township Manager / Secretary

MARY C. EBERLE
JOHN B. RICE
DIANNE C. MAGEE *
DALE EDWARD CAYA
DAVID P. CARO *
DANIEL J. PACI * †
JONATHAN J. REISS ◊
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MITCHELL H. BAYLARIAN
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* ALSO ADMITTED IN NEW JERSEY
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Peter Nelson
e-mail: pnelson@grimlaw.com

J. LAWRENCE GRIM, JR., OF COUNSEL
JOHN FREDERIC GRIM, OF COUNSEL

104 S. SIXTH STREET
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November 28, 2018

VIA ELECTRONIC CORRESPONDENCE

Delaware County Daily Times
Attn: Legal Department
500 Mildred Avenue
Primos, PA 19018

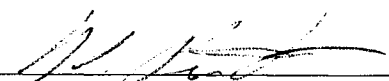
Re: Radnor Township –2019 Comprehensive Budget Ordinance

Dear Legal Department:

Enclosed please find for advertisement one (1) time in the Friday, November 30th edition of your newspaper, a Legal Notice for the possible enactment of the above ordinance by the Board of Commissioners of Radnor Township at their meeting on December 10, 2018. Kindly provide proof of publication and your invoice for the advertisement directly to Radnor Township, c/o Robert Zienkowski, 301 Iven Avenue, Wayne, PA 19087. A full copy of the text of the ordinance is enclosed for public inspection. If you have any questions regarding the enclosed, please do not hesitate to contact my office.

Sincerely,

GRIM, BIEHN & THATCHER

By: 
Peter Nelson

HPN/hlp
Enclosure

cc: Robert Zienkowski, Township Manager (via email)
Jennifer DeStefano (via email)

LEGAL NOTICE

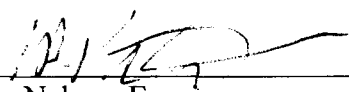
Notice is hereby given that the Board of Commissioners of the Township of Radnor, Delaware County, Pennsylvania, will consider for possible enactment an ordinance, of which this Notice is a summary, adopting a final comprehensive budget for fiscal year 2019, and establishing the Township millage rate.

The Board of Commissioners will hold a public hearing on December 10, 2018, at 6:30 p.m., at the Radnor Township Municipal Building, 301 Iven Avenue, Wayne, PA 19087 to consider the ordinance. Copies of the full text of the proposed ordinance are available at the Township offices, the Delaware County Law Library, and the offices of this newspaper during normal business hours.

RADNOR TOWNSHIP
BOARD OF COMMISSIONERS
301 Iven Avenue
Wayne, PA 19087-5297

ATTEST:

I do hereby certify that this is a true and correct copy of the proposed Ordinance of Radnor Township, being advertised for possible adoption by the Radnor Township Board of Commissioners on December 10, 2018.



Peter Nelson, Esquire
Grim, Biehn & Thatcher
Township Solicitor

ORDINANCE NO. 2018-19

**AN ORDINANCE OF RADNOR TOWNSHIP, DELAWARE COUNTY,
PENNSYLVANIA, AMENDING CHAPTER 162 AND ADOPTING THE
CONSOLIDATED FEE SCHEDULE FOR CALENDAR YEAR 2019**

WHEREAS, the Township of Radnor incurs costs and expenses in processing various permits and licenses through its various departments; and

WHEREAS, the Pennsylvania Municipalities Planning Code authorizes reasonable and necessary charges by the Township's professional consultants based upon its schedule established by ordinance or resolution.

NOW, THEREFORE, it is hereby *ENACTED* and *ORDAINED* that the Board of Commissioners of Radnor Township hereby adopts the attached 2019 Consolidated Fee Schedule effective January 1, 2019 and all ordinances or resolutions which are inconsistent are hereby repealed.

BE IT FURTHER ENACTED and *ORDAINED* that any revisions to the 2019 Consolidated Fee Schedule may be amended or revised by subsequent resolution of the Board of Commissioners.

ENACTED AND ORDAINED this 10th day of December, A.D., 2018.

RADNOR TOWNSHIP

By: _____

Name: Lisa Borowski

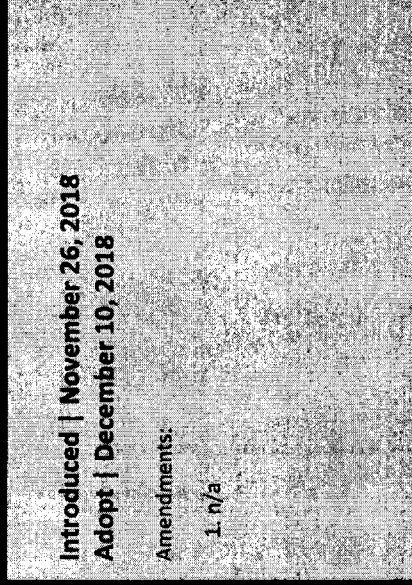
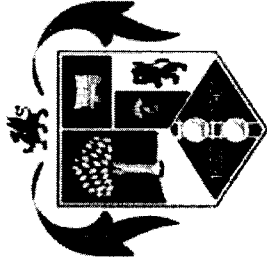
Title: President

ATTEST: _____

Name: Robert A. Zienkowski,

Title: Township Manager / Secretary

2019 CONSOLIDATED FEE SCHEDULE



RADNOR TOWNSHIP, PA 301 Iven Ave, Wayne, PA 19087

Radnor Township, PA
2019 Consolidated Fee Schedule – Chapter 162 Fees
Ordinance 2018-19 | December 10, 2018
Effective January 1, 2019

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Radnor Township, PA
 2019 Consolidated Fee Schedule – Chapter 162 Fees
 Ordinance 2018-19 | December 10, 2018
 Effective January 1, 2019

Fee Description	2018	2019
Community Development Department		
Chapter 120 Bathing Places		
License Fees – Swimming Pool (outdoor)	\$300.00 per pool	\$300.00 per pool
License Fees – Swimming Pool (indoor)	\$350.00 per pool	\$350.00 per pool
License Fees – Spa	\$250.00 per pool	\$250.00 per pool
License Fees – Wading	\$200.00 per pool	\$200.00 per pool
Chapter 125 Building Construction		
General Contractor's License (annual)	\$50.00	\$50.00
RESIDENTIAL		
New one and two-family dwelling	\$20.00 / \$1,000.00	\$20.00 / \$1,000.00
Additions, alterations, repairs, demolition, etc.	\$20.00 / \$1,000.00	\$20.00 / \$1,000.00
COMMERCIAL - Commercial, institution, public land use, recreation, multi-family		
New buildings and fire suppression systems	\$30.00 / \$1,000 up to \$50,000 \$20.00 / \$1,000 for each additional 1,000	\$30.00 / \$1,000 up to \$50,000 \$20.00 / \$1,000 for each additional 1,000
Additions, alterations, repairs, demolition, to existing buildings and fire suppression systems	\$50.00 / first \$1,000, \$25.00 / \$1,000 for each additional \$1,000	\$50.00 / first \$1,000, \$25.00 / \$1,000 for each additional \$1,000
Signs, to include: window, awning, wall, marquee, freestanding (new or replacement)	\$20.00 / \$1,000.00	\$20.00 / \$1,000.00
RESIDENTIAL		
Certificate of Occupancy – Residential (new)	\$50.00	\$50.00
Certificate of Occupancy – Non-Residential (new)	\$100.00	\$100.00
Zoning Permit – Fences, Accessory Structures less than 200 sq.ft., Agricultural Buildings, Propane Tanks	\$75.00	\$75.00
Home Occupation – Traffic	\$150.00	\$150.00
Home Occupation – Non-Traffic	\$100.00	\$100.00
Zoning Compliance	\$100.00	\$100.00

Radnor Township, PA
 2019 Consolidated Fee Schedule – Chapter 162 Fees
 Ordinance 2018-19 | December 10, 2018
 Effective January 1, 2019

Fee Description	2018	2019
Chapter 150 Design and Review Board		
Permit for Temporary banner (max 30 days)	\$50.00	\$50.00
DRB Application Fees for signs	\$100.00	\$100.00
DRB Application Fees for telecommunication antennas	\$200.00	\$200.00
DRB Application Fees for façade change	\$100.00	\$100.00
DRB Application Fee for new building	\$200.00	\$200.00
DRB Application Fees for building additions and accessory structures	\$200.00	\$200.00
DRB Application Fees for Outdoor Dining application (furnishings and accessories)	\$100.00	\$100.00
Fee Change Narrative: n/a		
Chapter 156 Electrical		
Electrician's License (annual)	\$50.00	\$50.00
Electrical Inspection Agency License	\$100.00	\$100.00
Electrical Permit Fee	\$20.00 / \$1,000 or fraction thereof	\$20.00 / \$1,000 or fraction thereof
Low voltage / voice data / alarm	\$20.00 / \$1,000 or fraction thereof	\$20.00 / \$1,000 or fraction thereof
Wind / solar electric	\$20.00 / \$1,000 or fraction thereof	\$20.00 / \$1,000 or fraction thereof
Plan review – 3 rd Party Contract Fee	\$75.00 / hour	\$75.00 / hour
Chapter 166 Fire Prevention		
Bon Fire Permit - For institutional use only (each permit)	\$100.00	\$100.00
Fireworks Permit	\$150.00	\$500.00
Blasting Permit – Residential	\$150.00	\$150.00
Blasting Permit – Non-Residential	\$150.00	\$150.00
Fire Marshall Report - Residential	\$50.00	\$50.00
Fire Marshall Report – Non-Residential	\$100.00	\$100.00
Storage Tanks – Repairs and alterations	\$50.00 / tank	\$50.00 / tank
Storage Tanks – Abandonment or Removal	\$200.00 / tank	\$200.00 / tank
Storage Tanks – Installation	\$200.00 / tank	\$200.00 / tank
Fee Change Narrative: Fireworks Permit: Increase to cover plan review and inspector's time		

Radnor Township, PA
 2019 Consolidated Fee Schedule – Chapter 162 Fees
 Ordinance 2018-19 | December 10, 2018
 Effective January 1, 2019

Fee Description	2018	2019
Chapter 170 Food Establishment fees		
Indoor Dining:		
License and Inspection Fee for seats: 0-30 seats	\$200.00	\$200.00
License and Inspection Fee for seats: 31-70 seats	\$250.00	\$250.00
License and Inspection Fee for seats: 71-110 seats	\$350.00	\$350.00
License and Inspection Fee for seats: 111-150 seats	\$425.00	\$425.00
License and Inspection Fee for seats: 151-190 seats	\$475.00	\$475.00
License and Inspection Fee for seats: 191-230 seats	\$525.00	\$525.00
License and Inspection Fee for seats: 231-300 seats	\$625.00	\$625.00
License and Inspection Fee for seats: 301 seats and over	\$725.00	\$725.00
License and Inspection Fee for floor area (sq ft): 0-1,500	\$150.00	\$150.00
License and Inspection Fee for floor area (sq ft): 1,501 – 2,500	\$200.00	\$200.00
License and Inspection Fee for floor area (sq ft): 2,501 – 5,000	\$275.00	\$275.00
License and Inspection Fee for floor area (sq ft): 5,001 – 7,500	\$350.00	\$350.00
License and Inspection Fee for floor area (sq ft): 7,501 – 10,000	\$450.00	\$450.00
License and Inspection Fee for floor area (sq ft): 10,001 – 15,000	\$575.00	\$575.00
License and Inspection Fee for floor area (sq ft): 15,000 and over	\$725.00	\$725.00
License Fee for selling ice cream from a motor vehicle (excludes vendors requiring Department of Agriculture approval)	\$100.00	\$100.00
Food Vendor (mobile and vendors requiring Department of Agriculture approval)		
Temporary Food Establishment	\$200.00	\$200.00
Special Event Sponsor Fee	\$125.00	\$125.00
Plan Review – Food Establishment	\$250.00	\$250.00
Plan Review – Resubmitting Plans	\$150.00 / initial review	\$150.00 / initial review
Re-inspection for a failed inspection	\$75.00	\$75.00
Annual Outdoor Dining Renewal	50% of initial fee	50% of initial fee
Indoor Dining Application Renewal Late Fee	\$150.00	\$150.00
Outdoor Dining Application Renewal Late Fee	75% of license fee	75% of license fee
	\$70.00	\$70.00

Radnor Township, PA
 2019 Consolidated Fee Schedule – Chapter 162 Fees
 Ordinance 2018-19 | December 10, 2018
 Effective January 1, 2019

Fee Description	2018	2019
Chapter 178 Historical and Architectural Review Board ("HARB")		
Application to HARB	\$50.00	\$50.00
Chapter 195 Mechanical		
HVAC License Annual (air cond., heating & refrig., mchs.)	\$50.00	\$50.00
RESIDENTIAL – one and two-family		
Geothermal / HVAC systems	\$100.00	\$100.00
Replace, modify or relocate duct work	\$50.00	\$50.00
Water Well or Non-Potable Water, Irrigation	\$100.00	\$100.00
Solar Mechanical/Plumbing	\$150.00	\$150.00
Add, modify or extend radiant/baseboard or other hydro-mechanical systems	\$50.00	\$50.00
New or replacement central heating systems	\$15.00 first 10,000 BTUs, \$5.00 each additional 10,000 BTU's	\$15.00 first 10,000 BTUs, \$5.00 each additional 10,000 BTU's
New or replacement air cond. central systems	\$100.00	\$100.00
New or replacement heat pump	\$100.00	\$100.00
All well driven or mechanical water supply systems for geothermal HVAC systems	\$100.00	\$100.00
Solar Mechanical / Plumbing	\$150.00	\$150.00
COMMERCIAL - Commercial, institution, public land use, recreation, multi-family		
Geothermal/HVAC system wells: 0-10 wells	\$200.00	\$200.00
Geothermal/HVAC system wells: 11-30 wells	\$350.00	\$350.00
Geothermal/HVAC system wells: 31 or more	\$500.00	\$500.00
New or replacement central heating system (regardless of fuel source, including duct work)	\$30.00 for 10,000 BTUs, \$10.00 each additional 10,000 BTU's (fee capped at 1,000,000 BTU's)	\$30.00 for 10,000 BTUs, \$10.00 each additional 10,000 BTU's (fee capped at 1,000,000 BTU's)
New or replacement air cond. systems incl. duct work	\$30.00 for 10,000 BTUs, \$10.00 each additional 10,000 BTU's (fee capped at 1,000,000 BTU's)	\$30.00 for 10,000 BTUs, \$10.00 each additional 10,000 BTU's (fee capped at 1,000,000 BTU's)

Radnor Township, PA
 2019 Consolidated Fee Schedule – Chapter 162 Fees
 Ordinance 2018-19 | December 10, 2018
 Effective January 1, 2019

Fee Description	2018	2019
New or replacement heat pump incl. duct work	\$30.00 for 10,000 BTUs, \$10.00 each additional 10,000 BTU's	\$30.00 for 10,000 BTUs, \$10.00 each additional 10,000 BTU's
Replace, modify or relocate duct work	\$20.00 for each \$1,000, or portion of cost	\$20.00 for each \$1,000, or portion of cost
Refrigeration units (incl. walk in boxes, other units with remote compressors)	\$20.00 first ton or portion thereof, \$10.00 each additional ton, or portion thereof	\$20.00 first ton or portion thereof, \$10.00 each additional ton, or portion thereof
Solar Mechanical/Plumbing	\$175.00	\$175.00
Water Wells or Non-Potable Water Wells	\$100.00	\$100.00
Chapter 218 Plumbing		
Plumber License (annual)	\$50.00	\$50.00
RESIDENTIAL - one and two family		
New work, alterations, additions, and repairs	\$75.00 for more than 5 fixtures, \$5.00 each additional fixture	\$75.00 for more than 5 fixtures, \$5.00 each additional fixture
Alterations/additions/repairs one fixture (minimum fee)	\$35.00	\$35.00
Pipe Repair	\$75.00	\$75.00
Exterior lateral sewer connection or repair	\$150.00	\$150.00
Interior main drain alteration or replacement (which includes stack vent)	\$75.00	\$75.00
Garbage grinders and dishwashers (new installation or replacement)	\$15.00 Each	\$15.00 Each
All gas and electric appliances needing gas or plumbing piping	\$75.00 for first unit, \$15.00 for each additional	\$75.00 for first unit, \$15.00 for each additional
Water service (new or replacement)	\$75.00	\$75.00
Domestic hot water heater (new or replacement)	\$20.00	\$20.00
Sewer ejection pump (new or replacement, not incl. connections.)	\$50.00 pump capacity 21 gal/min, \$150.00 pump capacity > 21 gal/min	\$50.00 pump capacity 21 gal/min, \$150.00 pump capacity > 21 gal/min
Sewer grinder pumps and pit (E-One System)	\$300.00	\$300.00

Radnor Township, PA
 2019 Consolidated Fee Schedule – Chapter 162 Fees
 Ordinance 2018-19 | December 10, 2018
 Effective January 1, 2019

Fee Description	2018	2019
COMMERCIAL - Commercial, institution, public land use, recreation, multi-family		
New work, alt., additions not exceeding 5 fixtures		
External lateral sewer connection or repair main drain or sewer connection (new)	\$5.00 each additional fixture \$150.00	\$5.00 each additional fixture \$150.00
Pipe Repair	\$100.00	\$100.00
Garbage grinders and dishwashers (new installation or replacement)	\$30.00 Each	\$30.00 Each
Main interior drain replacement, alterations or repair (incl. stack vent)	\$75.00	\$75.00
Sewer ejection pump (new or replacement)	\$50.00, pump capacity <= 21 gal/min., \$300.00, pump capacity > 21 gal/min.	\$50.00, pump capacity <= 21 gal/min., \$300.00, pump capacity > 21 gal/min.
All gas and elect. Appl. Requiring plumbing or mech. Install. (new or replacement, incl. gas piping)	\$75.00 for first unit, \$15.00 for each additional	\$75.00 for first unit, \$15.00 for each additional
Water service (new or replacement)	\$100.00	\$100.00
Each hot water heater (new or replacement)	\$75.00	\$75.00
Interceptors & separators (new or replacement)	\$75.00	\$75.00
Sewer grinder pumps new or replacement	\$500.00	\$500.00
Fee Change Narrative: n/a		
Chapter 226 Rental Housing		
Rental Housing Permits	\$60.00 Each Unit (1-10) \$40.00 Each Additional Unit	\$60.00 Each Unit (1-10) \$40.00 Each Additional Unit
Rental Housing Appeals Board	plus \$500 for each subsequent hearing \$2,500.00 \$100.00	plus \$500 for each subsequent hearing \$2,500.00 \$100.00
Re-inspection after 2 nd failed inspection		
Application Late Fee:		
July 1 st to July 31 st	\$100.00	\$100.00
On or After August 1 st	\$150.00	\$150.00

Radnor Township, PA
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Fee Description	2018	2019
Chapter 280 Zoning Hearing Board		
Application fees for Zoning Hearing Board: One and two family dwellings, Rooming house, multi-family	\$550.00 plus \$275 for each add'l hearing	\$550.00 plus \$275 for each add'l hearing
Application fees for Zoning Hearing Board: Non-res. uses (incl. comm., planned, institutional, and public land use)	\$900.00 plus \$450 for each add'l hearing	\$900.00 plus \$450 for each add'l hearing
Application fees for Zoning Hearing Board: Challenge to the validity of map or ordinance	\$7,500.00 plus \$450 for each add'l hearing	\$7,500.00 plus \$450 for each add'l hearing
Application fees to Board of Commissioners: Application to amend zoning map/ord.	\$1,500.00 plus \$750 for each add'l hearing	\$1,500.00 plus \$750 for each add'l hearing
Application fees to Board of Commissioners: Application for conditional use	\$1,500.00 plus \$750 for each add'l hearing	\$1,500.00 plus \$750 for each add'l hearing
Application fees to Board of Commissioners: Curative Amendment	\$7,500.00 plus \$750 for each add'l hearing	\$7,500.00 plus \$750 for each add'l hearing
Appeals from Zoning Officer or Township Engineer – Residential	\$550.00 plus \$275 for each add'l hearing	\$550.00 plus \$275 for each add'l hearing
Appeals from Zoning Officer or Township Engineer – Non-Residential	\$900.00 plus \$450 for each add'l hearing	\$900.00 plus \$450 for each add'l hearing
Fee for postponement of a public hearing when requested following publication of the required legal notice.	\$200.00	\$200.00
Zoning Books	\$30.00	\$30.00
Other Community Development		
Code Appeals Application Fee – Building, Electrical, Fire Prevention, Mechanical, Plumbing, Property Maintenance	\$750.00	\$750.00
Inter-municipal Transfer of Liquor License	\$1,500.00 plus \$750 for each additional hearing	\$1,500.00 plus \$750 for each additional hearing
PA State Assessed Training Fee: Building, Plumbing, Mechanical, Electrical	\$4.50 / permit	\$4.50 / permit
Administration of PA state Assessed Training Fee	\$2.00 / permit	\$2.00 / permit
Zoning Maps	\$15.00	\$15.00
Plan Review Fee (Payment is due when the permit is issued)	\$95.00	\$95.00
Code Official Overtime Rate	\$100.00 / hour	\$100.00 / hour
Administrative Refund Fee	\$10% or \$30.00, whichever is greater	\$10% or \$30.00, whichever is greater
Dormitory Inspection Fee	\$24.00 / room	\$24.00 / room

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Fee Description	2018	2019
Appeal of Health Enforcement Notice to Board of Health:		
Single Family Residential	\$550.00	\$550.00
Multi-Family Residential and Non-Residential	\$900.00	\$900.00
Residential Change in Contractor New one and two-family dwelling	10% of existing permit fee or \$20.00, whichever is greater	10% of existing permit fee or \$20.00, whichever is greater
Change in Contractor: Commercial, institution, public land use, recreation, multi-family buildings and fire suppression systems	10% of existing permit fee or \$50.00 minimum, whichever is greater	10% of existing permit fee or \$50.00 minimum, whichever is greater
Fee for work without permits	New in 2019	\$200 const. cost up to \$10,000 \$330 const. cost \$10,000 to \$25,000 \$650 const. cost \$25,000 to \$50,000 \$1,250 const cost over \$50,000

Fee Change Narrative:

1. Fee for work without permit to cover a portion the cost of inspectors responding to complaints and violations regarding work without permits

Engineering Department

Grading Permit

~~Transfer of Real Estate - Sidewalk Block Eserow~~

~~\$300.00 / block~~

Sidewalk Blocks are noted further down in the table.

Shed Permit Fee - to be used for installation or replacement of a storage shed only

New in 2019

\$120.00

Grading Permit Application Minor (<500 SF NEW Impervious or disturbance)

\$495.00

\$510.00

This permit is for smaller projects where construction is less than 500 SF of new impervious surface or site disturbance. The cost includes a \$50 permit fee, plan review, and inspection. Should the cost of reviews and/or inspections exceed \$460, the applicant will be required to pay the overage before the project is approved. A Certificate of Occupancy will not be issued unless all improvements are installed, inspected, and approved by the Township.

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Fee Description	2018	2019
<p>Grading Permit Application (500 SF < NEW Impervious or Disturbance < 1,500SF)</p> <p>This application is to be used when NEW impervious is greater than 500 SF, but less than 1,500 SF. A groundwater recharge system is required to mitigate this amount of NEW impervious. This cost includes the \$50 permit fee, reviews, and inspections. No escrow is required for the improvements; a <u>Certificate of Occupancy will not be issued unless all improvements are installed, inspected, and approved by the Township.</u></p> <p>A signed deposit slip is required at the time of application submission.</p>	<p>\$50 Application Fee, Professional Services Account Required, with applicant providing a \$1,500. Upon balance reaching \$500, applicant will be required to deposit appropriate funds to keep balance at \$1,500. All unused funds will be returned to the applicant upon completion of project</p>	<p>\$1,500 (combined application fee and Professional Services Account)</p> <p>The applicant is required to pay all cost overages; i.e. if the balance of the account, after deducting current review fees is less than \$500, the applicant will be required to deposit additional funds to keep the balance at \$1,500. All unused funds will be returned to the applicant upon inspection and approval of the project.</p>
<p>Stormwater Management Permit Application (for projects with >1,500 NEW impervious or disturbance)</p> <p>The fee includes the application fee of \$50, with the balance funding the Professional Services Account. A professional services (PSA) account will be funded by the applicant with a balance of \$3,000. The review process, inspections, SWM Agreement, and other communications will be billed per the attached fee schedule, and reimbursed by the applicant funded PSA. For single lot construction, an escrow for non-dedicated improvements is not required; a Certificate of Occupancy will not be issued unless all improvements are installed, inspected, and approved by the Township. An escrow account will be required for improvements dedicated to the Township.</p> <p>A signed deposit slip is required at the time of application submission</p>	<p>\$50 Application Fee, Professional Services Account Required, with applicant providing a \$3,000. Upon balance reaching \$1,000, applicant will be required to deposit appropriate funds to keep balance at \$3,000. All unused funds will be returned to the applicant upon completion of project</p>	<p>\$3,050 (combined application fee and professional services account)</p> <p>Professional Services Account Required. The applicant is required to pay all cost overages; upon the balance of the PSA reaching \$1,000, applicant will be required to deposit appropriate funds to keep balance at \$3,000. All unused funds will be returned to the applicant upon completion of project</p>

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Fee Description	2018	2019
Subdivision / Land Development ("SALDO") Sketch Plan, Reverse Subdivision, Lot line Change, Lot Consolidation.	Various Amounts	\$4,400 combined application fee and PSA
These require a \$4,000 professional services account. Upon the balance of the PSA reaching \$1,000, applicant will be required to deposit appropriate funds to keep balance at \$4,000. All unused funds will be returned to the applicant upon completion of project. A signed deposit slip is required at the time of application submission		
ALL LAND DEVELOPMENT (minor, major, multi-family, etc.) . All Land Development applications will include a combined permit fee and PSA. The combined fee is \$17,000. All reviews and legal are billed against the PSA; when the balance of the PSA falls to \$5,000, the applicant is required to deposit funds to achieve a balance of \$10,000 in the PSA account. A signed deposit slip is required at the time of application submission	Various Amounts	\$17,000 combined application fee and PSA .
Inspections of Improvements	Inspection (Staff) \$70.00 Inspection (Engineer) See rates in Appendix A	Inspection by staff inspector-\$85/hr. All others, see rates in Appendix A
Review of Development Plans, including legal, SWM agreements, developers agreements, escrow review, financial security agreements, by staff, consultants, and/or solicitor	Inside or Outside Professional: See rates in Appendix A	See rates in Appendix A
Transfer of Real Estate Fee	\$150.00 / property	\$150.00 / property
Transfer of Real Estate Fee – Expedited in 13 days or less	\$300.00 / property	\$300/property
<p>Notes: All professional service account funds are required to be deposited with the Township at the time of the initial plan application pursuant to the Township's Professional Services Agreement. The Township-incurred professional fees shall be billed in accordance with the Professional Service Fees in Appendix A.</p> <p>For 2019, many of the review fees have been combined to help streamline the program and make it easier on the applicants.</p>		

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Fee Description	2018	2019
Sewage Enforcement		
Sewage Enforcement Officer Permits	\$750.00 per application (includes inspection)	\$750.00 per application (includes inspection)
Sewage Enforcement Officer Permits (additional perc test)	\$350.00	\$350.00
Sewage Enforcement Officer Permits (repairs to existing system)	\$300.00	\$350.00
Other Engineering		
Sidewalk Replacement Permit Fee	1 – 10 Blocks \$50.00 11 – 20 Blocks \$100.00 21+ Blocks \$125.00	1 – 10 Blocks \$50.00/permit 11 – 20 Blocks \$100.00/permit 21+ Blocks \$125.00/permit
Clearing Permits If inspections are required, they will be charged in accordance with Appendix A.	\$250.00 / acre with a minimum charge of \$80.00	\$250/acre
Plotter Services		
8.5" x 11" or 9" x 12"	\$1.50 (b/w) \$5.00 (color)	\$1.50 (b/w) \$5.00 (color)
11" x 14"	\$3.00 (b/w) \$9.00 (color)	\$3.00 (b/w) \$9.00 (color)
11" x 17" or 12" x 18"	\$10.00 (b/w) \$12.00 (color)	\$10.00 (b/w) \$12.00 (color)
17" x 22" or 18" x 24"	\$15.00 (b/w) \$18.00 (color)	\$15.00 (b/w) \$18.00 (color)
22" x 34" or 24" x 36"	\$20.00 (b/w) \$22.00 (color)	\$20.00 (b/w) \$22.00 (color)
34" x 44" or 36" x 48"	\$22.00 (b/w) \$35.00 (color)	\$22.00 (b/w) \$35.00 (color)
Finance and Administration		
Stormwater and Sanitary Sewer Fees		
Sanitary Sewer Rent	\$6.49 per 1,000 gallons' water used	\$7.14 per 1,000 gallons' water used
Sanitary Sewer Rent Delinquent Charges	1% monthly beginning June 1 through March 1 applied on the full outstanding balance from the previous month	1% monthly beginning June 1 through March 1 applied on the full outstanding balance from the previous month
Stormwater Fee	29.00 per unit	29.00 per unit
Stormwater Fee Delinquent Charges	0.5% monthly beginning March 1 through December 1 applied on the full	0.5% monthly beginning March 1 through December 1 applied on the full

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Fee Description	2018		2019	
	outstanding balance from the previous month	month	outstanding balance from the previous month	month
Sanitary or Stormwater Certification Fee		\$7.50		\$7.50
Expedited Sanitary or Stormwater Certification Fee Surcharge (if request submitted within 48 hours of desired date / time)		\$20.00		\$20.00
Sanitary Sewer Connection Fee New Residential		\$850.00		\$850.00
Sanitary Sewer Connection Fee New Commercial		\$1,250.00		\$1,250.00
Sanitary Sewer Connection Fee New Multi-family (0-10 units)		\$500.00 per unit		\$500.00 per unit
Sanitary Sewer Connection Fee New Multi-family (11 or more units)		\$400.00 per unit		\$400.00 per unit
Minimum Sewer Service Charge		\$65.00		\$65.00
Filing of Lien (to include, but not limited to, Sanitary Sewer Rent, Stormwater Fee, or Property Maintenance Costs)		\$125.00 Attorney Fee \$18.50 Filing Fee		\$125.00 Attorney Fee \$18.50 Filing Fee
Writ of Scire Facias (for delinquent accounts)		\$100.00 Attorney Fee \$22.50 Filing Fee		\$100.00 Attorney Fee \$22.50 Filing Fee
Entering of Judgement (for delinquent accounts)		\$150.00 Attorney Fee \$13.50 Filing Fee		\$150.00 Attorney Fee \$13.50 Filing Fee
Sheriff Sale		Actual Cost		Actual Cost
Other Finance Department				
Business Privilege and Mercantile License Fee		\$10.00		\$10.00
Postage Non-Residential		Actual Cost		Actual Cost
Returned Check		\$50.00		\$50.00
Refund Fee		10% per refund, with a minimum of \$10.00		10% per refund, with a minimum of \$10.00
Public Document Copy Charges (Right-to-know Requests)		\$0.25 per one sided page		\$0.25 per one sided page
Public Document CD Creation Charges (Right-to-know Requests)		\$5.00 each		\$5.00 each
Certification of Record (Right-to-know Requests)		\$1.00		\$1.00

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Fee Description	2018	2019
Information Technology		
Room Rentals		
General: The Township offers three (x3) conference rooms for rental. Rates double on Saturday, Sunday, and Township holidays. Contact Township for Conference Room and Equipment Rental policy and room availability. Please see the <u>Information Technology Policy for Rental and Use of Township Conference Rooms & Equipment</u> for fee waiver opportunities.		
Friends Meeting Room (ground floor) – capacity 40	\$50.00 per hour	\$50.00 per hour
Radnorshire Room (first floor) – capacity 125	\$100.00 per hour	\$100.00 per hour
Radnorshire Room (first floor) – capacity 125 - Tenant rental	\$250.00 per hour	\$250.00 per hour
Powys Room (first floor) – capacity 15	\$35.00 per hour	\$35.00 per hour
Hourly Equipment and Staffing Fees		
General: Conference rooms offer additional equipment features such as a podium, microphones, special seating configurations, additional tables, A/V equipment, TV/DVD/VCR and wireless internet. A/V equipment rentals require staffing, a minimum of two (x2) hour charge, and rates double after four (x4) hours. Contact Township for Conference Room and Equipment Rental policy and staffing availability.		
IT Staff Member (as needed)	\$50.00 /hour	\$50.00 /hour
Room setup and breakdown (for equipment, configuration, etc.)	\$50.00 /hour	\$50.00 /hour
Room cleanup (trash, non-requested setup, etc.)	\$100.00 /hour	\$100.00 /hour
Podium (Radnorshire room only – no microphone)	\$0.00	\$0.00
Microphones – 21 conference room and 1 podium microphones	\$50.00 /hour	\$50.00 /hour
Wireless Microphones – 2 handhelds and 2 lavalieres (combo of any 2)	\$30.00 /hour	\$30.00 /hour
Projectors – 2 HD DLP Projectors	\$70.00 /hour (each)	\$70.00 /hour (each)
Monitors – 13 LCD monitors for viewing projections/DVD/VCR	\$20.00 /hour	\$20.00 /hour
Document Camera – View hard docs on large screens	\$60.00 /hour	\$60.00 /hour
DVD/VCR	\$15.00 /hour	\$15.00 /hour
Laptop Use	\$40.00 /hour	\$40.00 /hour
DVD Copy – Recording event on DVD (limit 1)	\$15.00 /hour	\$15.00 /hour
Digital Format – Recording event in other digital format (limit 1)	\$15.00 /hour	\$15.00 /hour
Portable Projector	\$50.00 /hour	\$50.00 /hour
50" Plasma TV Usage	\$70.00 /hour	\$70.00 /hour
Graphics – Character generated graphics inserted on screen	\$10.00 /hour	\$10.00 /hour

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Fee Description	2018	2019
Package Fees		
General: Conference rooms, A/V equipment and staffing rentals are available as a package rental. Package rentals require staffing, a minimum of two (x2) hour charge and rates double after four (x4) hours. Contact Township for Conference Room and Equipment Rental Policy and staffing availability.		
Powys Room Only – 50" Plasma and laptop	\$100.00 per hour	\$100.00 per hour
Radnorshire Room (no recording) – Microphones, laptop, projector, setup and breakdown	\$250.00 per hour	\$250.00 per hour
Radnorshire Room (recording) – Microphones, laptop, projector, DVD recording, setup and breakdown	\$350.00 per hour	\$350.00 per hour
Film and Video Production Fees		
General: The film and video production permit is designed to provide effective coordination of events, including the filming and videotaping of television, film, commercial, non-profit, and feature productions.		
Film and video production permit	\$250.00 per production	\$250.00 per production
Parks and Recreation		
General Programming and Events		
Programming and event fees are determined and allocated on an ongoing basis as they are planned. Specific programming and event identification remains under continual development, generally on a seasonal basis and once applicable direct costs are determined. Fees for those specific programs and events are set to cover the direct costs along with attempting to recover the associated overhead for the corresponding program or event. In the majority of circumstances, the direct costs of programming and events are not incurred unless the proceeds collected cover those costs. The Recreation Department determines the fees for programming and events on an ongoing basis throughout the developmental process.		
Administrative Fees		
Refund Fee	10% of the total fee paid, or a minimum of \$10.00 charge	10% of the total fee paid, or a minimum of \$10.00 charge
Non-Resident Program or Event Participation Fee	\$30.00 per person per registrant	\$30.00 per person per registrant

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Fee Description	2018	2019
Parks, Picnic Areas, Fields, and Facilities		
Fenimore Woods (existing)	\$75.00 Resident \$150.00 Non-Resident/Companies	\$75.00 Resident \$150.00 Non-Resident/Companies
Clem Macrone Park Pavilion Rental (Proposed New in 2017)		
Picnic Court Park Area Rentals	\$55.00 Resident \$100.00 Non-Resident / Companies	\$55.00 Resident \$100.00 Non-Resident / Companies
Photo Permit for Township Park Grounds (New in 2017: Expanding the Fee to all Township Parks and added a Non-Resident/ Companies fee)	\$75.00 per hour \$100.00 Non-Resident / Companies per hour	\$75.00 per hour \$100.00 Non-Resident / Companies per hour
Field Permitting Fee (to cover the permitting costs for athletic fields) (New in 2017: Non-Resident/ Companies fee to cover the administrative cost of scheduling/ managing athletic fields.)	\$60.00 per field/ Three-hour usage \$100.00 per field/ Three-hour usage for Non-Resident / Companies	\$60.00 per field/ Three-hour usage \$100.00 per field/ Three-hour usage for Non-Resident / Companies
Adult League Team Field Permit (Softball, Soccer, Baseball, etc.) [The above fee applies to programs that utilize both Township fields and School District Fields]	\$100.00 per season Not-to-exceed 10-week period	\$100.00 per season Not-to-exceed 10-week period
Field Permitting Fee – For Profit /Restricted Groups, Private Educational Institutions, Organizations or Programs	\$15.00 per person per season Not-to-exceed 10-week period	\$15.00 per person per season Not-to-exceed 10-week period
[Field Permitting fees do not apply to Radnor Community Youth Sports Organizations that include Radnor Soccer Club, Radnor Wayne Little League and Radnor Girls/Boys Lacrosse.]		
[Exceptions for this fee will consist of Radnor Township Restricted Groups, Private Educational Institutions, Organizations or Programs that provide the Township with the equivalent usage of its facility. These occurrences will be documented and provided to the Parks Board & BOC as they are recommended.]		

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Fee Description	2018	2019
Radnor Memorial Park Turf Field Permit Fee: [Fee was originally developed and structured within the Radnor Memorial Turf/Agnes Irwin School Lease Agreement.]		
<ul style="list-style-type: none"> • Radnor Residents / Radnor Non-Profit Organizations or Programs • Radnor Private Educational Institutions, Organizations or Programs • Non-Radnor Residents / Non-Radnor Non-Profit Organizations, Educational Institutions, or Programs • For-Profit Businesses or Non-Resident Groups 	\$75.00 per Three-Hour usage \$75.00 per hour \$125.00 per hour \$175.00 per hour	\$75.00 per Three-Hour usage \$75.00 per hour \$125.00 per hour \$175.00 per hour
[The above fees do not apply to Radnor Community Youth Sports Organizations that include Radnor Soccer Club, Radnor Wayne Little League and Radnor Girls/Boys Lacrosse.]		
Radnor Memorial Park Turf Field Lights Fee	\$18.00 per hour	\$18.00 per hour
Advertising Fee (applicable to the Department Seasonal Recreation Brochure)		
Business Card Advertising in Brochure	\$200.00 per Advertisement	\$200.00 per Advertisement
Single Edition Publication Business Card Advertising in Township / Department Publication for Commercial Business	\$225.00 per Advertisement	\$225.00 per Advertisement
Single Edition Publication - ¼ page Advertising in Township/Department Publication for Commercial Business	\$450.00 per Advertisement	\$450.00 per Advertisement
Single Edition Publication - ½ page Advertising in Township/Department Publication for Commercial Business	\$650.00 per Advertisement	\$650.00 per Advertisement
Single Edition – Full-page Advertising in Township/Department Publication for Commercial Business (does not include inside front or back cover)	\$950.00 per Advertisement	\$950.00 per Advertisement
Township Website Advertising	\$600.00 for 3 Months \$2,200.00 for 1 year	\$600.00 for 3 Months \$2,200.00 for 1 year
License Fee Advertising Banner for Encke Fields	\$2,000.00 per Field	\$2,000.00 per Field

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Fee Description	2018	2019
Radnor Activity Center ("RAC") at Sulpizio Gym Permit Fees		
Full Gymnasium Rentals		
<ul style="list-style-type: none"> • Radnor Residents / Radnor Non-Profit Organizations or Programs [The above fees do not apply to Radnor Community Youth Sports Organization that include the Radnor Youth Basketball League, Radnor Soccer Club, Radnor Wayne Little League and Radnor Girls/Boys Lacrosse] • Radnor Township Community Youth Sports Organizations operating as non-profit entities only (New fee in 2017) • Radnor Township Community Youth Sports Organizations – For-profit contracted vendors operating on behalf of the non-profit Community Youth Sports Organization (New fee in 2017) • Non-Radnor Residents / Non-Radnor Non-Profit Organizations or Groups • Radnor Township Businesses, Educational Institutions, Organizations, or Programs • Non-Radnor Businesses, Educational Institutions, Organizations, or Program 	\$60.00 per hour \$15.00 per hour \$35.00 per hour \$110.00 per hour \$110.00 per hour \$200.00 per hour \$300.00 Resident \$350.00 Non-Resident \$25.00 flat fee	\$60.00 per hour \$15.00 per hour \$35.00 per hour \$110.00 per hour \$110.00 per hour \$200.00 per hour \$300.00 Resident \$350.00 Non-Resident \$25.00 flat fee
Birthday Party / Gymnasium: 2-hour party with event leader and party room RAC: Room Add-on Fee to Gym Rental		
Fee Change Narrative: n/a		
Police Department		
General Fees		
Alarm Registration Fee	\$100.00	\$100.00
Accident Report Fee	\$15.00	\$15.00
Fingerprinting Fee	\$30.00 for 1/\$20.00 per additional card	\$30.00 for 1/\$20.00 per additional card
Picture Fee	\$30.00 each	\$30.00 each
Incident Report Fee	As allowed per PA Right-to-Know	As allowed per PA Right-to-Know
Parking Permit Fee Residential Permits	\$25.00 Residential \$75.00 Non-Residential \$10.00 Senior Citizens	\$25.00 Residential \$75.00 Non-Residential \$10.00 Senior Citizens
	\$5.00 Temporary Parking Per Day	\$5.00 Temporary Parking Per Day

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Fee Description	2018	2019
Parking Permit Fee Louella Park and Walk	\$190.00 Half Year \$375.00 Full Year	\$190.00 Half Year \$375.00 Full Year
Meter Bag Fee/Parking Space Reservation	\$10.00 per day per parking space	\$10.00 per day per parking space
Peddling and Solicitation Fee	\$110.00	\$110.00
Extra Duty Fee Detail Rate	1.70 X Patrolman Overtime Rate	1.70 X Patrolman Overtime Rate
Police Vehicle at Location Fee (owner request)	\$25.00 per hour per vehicle	\$25.00 per hour per vehicle
Video Tape / DVD Fee	\$75.00 per copy	\$75.00 per copy
Records Check Fee	\$30.00 Written \$15.00 Verbal	\$30.00 Written \$15.00 Verbal
Police Service Fee Notarized Document	\$45.00 per service	\$45.00 per service
Expungement Letter Fee	\$100.00	\$100.00
K9 Services (Note: This only applies to non-emergency calls for service)	During Shift \$100.00 per hour 2 or 4-hour minimum at P.D. discretion	During Shift \$100.00 per hour 2 or 4-hour minimum at P.D. discretion
False Alarms Fine	Non-Shift Paid at Detail Rate (above) 2 or 4-hour minimum at P.D. discretion	Non-Shift Paid at Detail Rate (above) 2 or 4-hour minimum at P.D. discretion
Parking Fine	\$70.00 2 nd Occurrence \$140.00 3 rd or more occurrences \$20.00 if paid on time	\$70.00 2 nd Occurrence \$140.00 3 rd or more occurrences \$20.00 if paid on time
Fee Change Narrative: n/a	\$25.00 additional for late payments	\$25.00 additional for late payments

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Fee Description	2018	2019
Public Works Department		
General Fees		
Road Opening Permit	\$150.00 per 100 ft cut (permit fee only).	\$150.00 per 100 ft cut (permit fee only).
The applicant will be required to set up a Professional Services Account with the Township to cover the cost of inspections, legal, compaction testing, and items, as required. Opening balance of the PSA is \$15,000.		
Bulk Trash Collection	\$25.00 Less than 5 items or 150 lbs Add'l \$25.00 each additional 5 items Add'l \$25.00 each item over 150 lbs Add'l \$10.00 each item with Freon Add'l \$5.00 each item with Propane	\$50.00 Less than 5 items or 150 lbs Add'l \$25.00 each additional 5 items Add'l \$25.00 each item over 150 lbs Add'l \$10.00 each item with Freon Add'l \$5.00 each item with Propane
Recycling Can Replacement	\$20.00 per can	\$30.00 per can
Rear Yard Trash Collection (single and multi-family units with less than 9 attached units)	\$420 per house/unit per year	\$500.00 per house/unit per year
Rear Yard Trash Collection (multi-family units with greater than 9 attached units)	\$240.00 per unit per year	\$275.00 per unit per year

Fee Change Narrative: 2019 includes increases to any trash collection item to cover (a) increased Township costs of collection since it's been more than 10 years since the last adjustment, and (b) to cover the increasing tipping fees paid on all garbage collected.

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Appendix A
Professional Services Hourly Rates

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Township Staff	
Township Manager	\$125.00 per hour
Police Superintendent	\$140.00 per hour
Assistant Township Manager & Finance Director	\$120.00 per hour
Engineer	\$110.00 per hour
Police Lieutenant	\$120.00 per hour
Community Development Director	\$90.00 per hour
Recreational Programming Director	\$90.00 per hour
Public Works Director	\$90.00 per hour
Engineering Inspector	\$85.00 per hour
Information Technology	\$65.00 per hour
Gannett Fleming, Inc.	
Senior Project -Manager	\$170.00 per hour
Project Engineer	\$125.00 per hour
Staff Engineer	\$115.00 per hour
Engineering Technician	\$100.00 per hour
Field Technician	\$85.00 per hour
Clerical	\$65.00 per hour
Specialty Engineers, Scientists and Planners (as needed)	TBD
QCI, Inc.	
Field Inspector (Civil)	\$80.00 per hour
Owner's Representative (Clerk of the Works)	\$87 per hour
Contract Administrator	\$118.50 per hour
Construction Engineer, PE	\$133 per hour
Clerical	\$61.00 per hour
Document Controller	\$71.50 per hour
Gillmore & Associates, Inc.	
Principal III	\$155 per hour
Principal II	\$145 per hour
Principal I	\$140 per hour
Consulting Professional V	\$135 per hour
Consulting Professional IV	\$130 per hour
Consulting Professional III	\$125 per hour

Radnor Township, PA
 2019 Consolidated Fee Schedule – Chapter 162 Fees
 Ordinance 2018-19 | December 10, 2018
 Effective January 1, 2019

Consulting Professional II	\$120 per hour
Consulting Professional I	\$115 per hour
Design Technician V	\$110 per hour
Design Technician IV	\$100 per hour
Design Technician III	\$95 per hour
Design Technician II	\$90 per hour
Design Technician I	\$85 per hour
Construction Representative III	\$105 per hour
Construction Representatives II	\$95 per hour
Construction Representatives I	\$85 per hour
Surveying Crew	\$145 per hour
Project Assistant	\$80 per hour
Grim, Blehn & Thatcher	
Township Solicitor	\$190 per hour

MARY C. EBERLE
JOHN B. RICE
DIANNE C. MAGEE *
DALE EDWARD CAYA
DAVID P. CARO ♦
DANIEL J. PACI ♦ †
JONATHAN J. REISS ◊
GREGORY E. GRIM †
PETER NELSON *
PATRICK M. ARMSTRONG
SEAN M. GRESH
KELLY L. EBERLE *
JOEL STEINMAN
MATTHEW E. HOOVER
COLBY S. GRIM
MICHAEL K. MARTIN
JULIEANNE E. BATEMAN
MITCHELL H. BAYLARIAN
IAN W. PELTZMAN

—
* ALSO ADMITTED IN NEW JERSEY
◊ ALSO ADMITTED IN NEW YORK
† MASTERS IN TAXATION
♦ ALSO A CERTIFIED PUBLIC ACCOUNTANT

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J. LAWRENCE GRIM, JR., OF COUNSEL
JOHN FREDERIC GRIM, OF COUNSEL

104 S. SIXTH STREET
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FAX (215) 257-5374
—
(215) 536-1200
FAX (215) 538-9588
—
(215) 348-2199
FAX (215) 348-2520

November 28, 2018

VIA ELECTRONIC CORRESPONDENCE

Delaware County Daily Times
Attn: Legal Department
500 Mildred Avenue
Primos, PA 19018

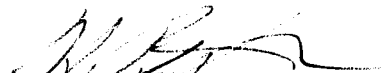
Re: Radnor Township –2019 Consolidated Fee Schedule Ordinance

Dear Legal Department:

Enclosed please find for advertisement one (1) time in the Friday, November 30th edition of your newspaper, a Legal Notice for the possible enactment of the above ordinance by the Board of Commissioners of Radnor Township at their meeting on December 10, 2018. Kindly provide proof of publication and your invoice for the advertisement directly to Radnor Township, c/o Robert Zienkowski, 301 Iven Avenue, Wayne, PA 19087. A full copy of the text of the ordinance is enclosed for public inspection. If you have any questions regarding the enclosed, please do not hesitate to contact my office.

Sincerely,

GRIM, BIEHN & THATCHER

By: 
Peter Nelson

HPN/hlp
Enclosure

cc: Robert Zienkowski, Township Manager (via email)
Jennifer DeStefano (via email)

LEGAL NOTICE

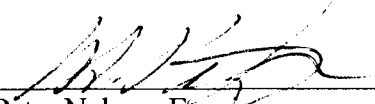
Notice is hereby given that the Board of Commissioners of the Township of Radnor, Delaware County, Pennsylvania, will consider for possible enactment an ordinance, of which this Notice is a summary, amending Chapter 162 and adopting the consolidated fee schedule for calendar year 2019.

The Board of Commissioners will hold a public hearing on December 10, 2018, at 6:30 p.m., at the Radnor Township Municipal Building, 301 Iven Avenue, Wayne, PA 19087 to consider the ordinance. Copies of the full text of the proposed ordinance are available at the Township offices, the Delaware County Law Library, and the offices of this newspaper during normal business hours.

RADNOR TOWNSHIP
BOARD OF COMMISSIONERS
301 Iven Avenue
Wayne, PA 19087-5297

ATTEST:

I do hereby certify that this is a true and correct copy of the proposed Ordinance of Radnor Township, being advertised for possible adoption by the Radnor Township Board of Commissioners on December 10, 2018.



Peter Nelson, Esquire
Grim, Biehn & Thatcher
Township Solicitor

RESOLUTION NO. 2018-143

A RESOLUTION OF RADNOR TOWNSHIP, DELAWARE COUNTY, PENNSYLVANIA, ADOPTING THE 2019 WAGE AND SALARY SCHEDULE PURSUANT TO THE RADNOR TOWNSHIP HOME RULE CHARTER

WHEREAS, Section 6.01 of the Radnor Township Home Rule Charter states that compensation of department heads and administrative officers shall be fixed by the Manager, subject to the approval of the Board; and

WHEREAS, the Administrative Code establishes pay-setting practices based upon applicable Federal, State and Township laws; and

WHEREAS, the Board of Commissioners and the Fraternal Order of Police (FOP) entered into a collective bargaining agreement with Resolution 2014-49 adopted on May 19, 2014 and subsequently agreed to extend that agreement with Resolution 2017-52 adopted on March 13, 2017 which sets forth base wage increases of 2.75% for all uniformed police officers effective January 1, 2019; and

WHEREAS, the Board of Commissioners and the Radnor Association of Township Employees (RATE) entered into a collective bargaining agreement with Resolution 2017-51 adopted on March 13, 2017 that sets forth base wage increases of 2.75% for all RATE employees effective January 1, 2019; and

WHEREAS, the 2019 Comprehensive Budget includes base wage increases for all non-union full and part time employees of up to 2.75% which will be based on certain effective dates and each employees' performance at the discretion of the Township Manager.

NOW, THEREFORE, be it hereby *RESOLVED* that the Board of Commissioners of Radnor Township does hereby adopt the attached Exhibit A - Wage and Salary Schedule for fiscal year 2019.

SO RESOLVED, this 10th day of December, A.D. 2018.

RADNOR TOWNSHIP

By: _____
Name: Lisa Borowski
Title: President

ATTEST: _____
Name: Robert A. Zienkowski
Title: Township Manager / Secretary

Radnor Township



PROPOSED LEGISLATION

DATE: December 4, 2018

TO: Board of Commissioners

FROM: William M. White, Assistant Township Manager and Finance Director

LEGISLATION: Resolution 2018-143 establishing the 2019 Wage and Salary schedule for all Township employees.

LEGISLATIVE HISTORY: Previously, the Board of Commissioners adopted:

- FOP: Resolution 2014-49 approving a replacement contract agreement with the FOP which set forth a 2.75% wage increase for uniformed police officers
- FOP: Resolution 2017-52 extended the FOP Agreement by an additional three years through 2021
- RATE: Resolution 2017-51 was adopted which set forth wage increases of 2.75% for all RATE employees effective January 1, 2019
- Non-Union: The 2019 Comprehensive Budget, as proposed, includes appropriations for up to 2.75% wage increases for all full and part time non-union employees.
- Township Manager: No wage increase is included for the Township Manager

PURPOSE AND EXPLANATION: Pursuant to the Township's Home Rule Charter and Administrative Code, and in the interest of full transparency, Resolution 2018-143 authorizes the wage adjustments for Township employees.

Please note that increases for non-union staff will be "up to" 2.75% and will be based on each employee's performance evaluation, as determined by the Township Manager.

FISCAL IMPACT: The 2.75% increase will increase the Township's payroll and related expenses by approximately \$185,000 in 2019. This increase is built into the 2019 Comprehensive Budget, as proposed.

RECOMMENDED ACTION: The Administration respectfully recommends that the Board adopt this resolution at the December 10, 2018 Board of Commissioner meeting to allow enough time to incorporate any increases with the first pay in 2019.

Radnor Township, PA
 2019 Wage and Salary Schedule
 Effective January 1, 2019

Position Classification	Department	Position	Emp#	2018 Hourly Rate	%Δ	2019 Hourly Rate	Notes
FOP	Police - Uniformed	Superintendent	114	\$ 78.3654	0.00%	\$ 78.3654	Increase 5/29/2019 to \$80.2885 per hour
FOP	Police - Uniformed	Lieutenant	110	\$ 63.5798	2.75%	\$ 65.3282	
FOP	Police - Uniformed	Lieutenant	134	\$ 63.5798	2.75%	\$ 65.3282	
FOP	Police - Uniformed	Sergeant	169	\$ 52.9823	2.75%	\$ 54.4393	
FOP	Police - Uniformed	Sergeant	168	\$ 52.9823	2.75%	\$ 54.4393	
FOP	Police - Uniformed	Sergeant	126	\$ 52.9823	2.75%	\$ 54.4393	
FOP	Police - Uniformed	Sergeant	163	\$ 52.9823	2.75%	\$ 54.4393	
FOP	Police - Uniformed	Sergeant	142	\$ 52.9823	2.75%	\$ 54.4393	
FOP	Police - Uniformed	Sergeant	161	\$ 52.9823	2.75%	\$ 54.4393	
FOP	Police - Uniformed	Corporal	140	\$ 48.5673	2.75%	\$ 49.9029	
FOP	Police - Uniformed	Detective	158	\$ 47.6841	2.75%	\$ 48.9954	
FOP	Police - Uniformed	Detective	137	\$ 47.6841	2.75%	\$ 48.9954	
FOP	Police - Uniformed	Detective	139	\$ 47.6841	2.75%	\$ 48.9954	
FOP	Police - Uniformed	Detective	153	\$ 47.6841	2.75%	\$ 48.9954	
FOP	Police - Uniformed	Staff Traffic	159	\$ 47.6841	2.75%	\$ 48.9954	
FOP	Police - Uniformed	Staff Traffic	124	\$ 47.6841	2.75%	\$ 48.9954	
FOP	Police - Uniformed	Staff Traffic	149	\$ 47.6841	2.75%	\$ 48.9954	
FOP	Police - Uniformed	Patrol	155	\$ 44.1519	2.75%	\$ 45.3661	
FOP	Police - Uniformed	Patrol	166	\$ 44.1519	2.75%	\$ 45.3661	
FOP	Police - Uniformed	Patrol	111	\$ 44.1519	2.75%	\$ 45.3661	
FOP	Police - Uniformed	Patrol	170	\$ 44.1519	2.75%	\$ 45.3661	
FOP	Police - Uniformed	Patrol	167	\$ 44.1519	2.75%	\$ 45.3661	
FOP	Police - Uniformed	Patrol	128	\$ 44.1519	2.75%	\$ 45.3661	
FOP	Police - Uniformed	Patrol	173	\$ 44.1519	2.75%	\$ 45.3661	
FOP	Police - Uniformed	Patrol	176	\$ 44.1519	2.75%	\$ 45.3661	
FOP	Police - Uniformed	Patrol	177	\$ 44.1519	2.75%	\$ 45.3661	
FOP	Police - Uniformed	Patrol	178	\$ 44.1519	2.75%	\$ 45.3661	
FOP	Police - Uniformed	Patrol	179	\$ 44.1519	2.75%	\$ 45.3661	
FOP	Police - Uniformed	Patrol	181	\$ 41.9443	2.75%	\$ 43.0978	Increase 1/27/2019 to \$45.3661 (Step 5)
FOP	Police - Uniformed	Patrol	182	\$ 41.9443	2.75%	\$ 43.0978	Increase 9/23/2019 to \$45.3661 (Step 5)
FOP	Police - Uniformed	Patrol	183	\$ 41.9443	2.75%	\$ 43.0978	Increase 10/14/2019 to \$45.3661 (Step 5)
FOP	Police - Uniformed	Patrol	185	\$ 39.7365	2.75%	\$ 40.8293	Increase 7/14/2019 to 43.0978 (Step 4)
FOP	Police - Uniformed	Patrol	186	\$ 37.5294	2.75%	\$ 38.5615	Increase 1/5/19 to \$40.8293 (Step 3)
FOP	Police - Uniformed	Patrol	187	\$ 37.5294	2.75%	\$ 38.5615	Increase 1/5/19 to \$40.8293 (Step 3)
FOP	Police - Uniformed	Patrol	188	\$ 37.5294	2.75%	\$ 38.5615	Increase 1/5/19 to \$40.8293 (Step 3)
FOP	Police - Uniformed	Patrol	189	\$ 33.1140	2.75%	\$ 34.0246	Increase 3/12/19 to \$36.2930 (Step 1) and 9/12/19 to \$38.5615 (Step 2)
FOP	Police - Uniformed	Patrol	190	\$ 33.1140	2.75%	\$ 34.0246	Increase 3/12/19 to \$36.2930 (Step 1) and 9/12/19 to \$38.5615 (Step 2)
FOP	Police - Uniformed	Patrol	191	\$ 33.1140	2.75%	\$ 34.0246	Increase 10/24/19 to \$36.2930 (Step 1)
FOP	Police - Uniformed	Patrol	192	\$ 33.1140	2.75%	\$ 34.0246	Increase 10/24/19 to \$36.2930 (Step 1)
FOP	Police - Uniformed	Patrol	193	\$ 33.1140	2.75%	\$ 34.0246	Increase 10/24/19 to \$36.2930 (Step 1)
FOP	Police - Uniformed	Patrol	194	\$ 33.1140	2.75%	\$ 34.0246	
FOP	Police - Uniformed	Patrol	195	\$ 33.1140	2.75%	\$ 34.0246	
FOP	Police - Uniformed	Patrol	197	\$ 33.1140	2.75%	\$ 34.0246	
FOP	Police - Uniformed	Patrol	198	\$ 33.1140	2.75%	\$ 34.0246	
FOP	Police - Uniformed	Patrol	199	\$ 33.1140	2.75%	\$ 34.0246	
RATE	Police - Civilians	Administrative Assistant	11	\$ 27.6468	2.75%	\$ 28.4071	
RATE	Police - Civilians	Administrative Assistant	232	\$ 35.8511	2.75%	\$ 36.8370	

Radnor Township, PA
 2019 Wage and Salary Schedule
 Effective January 1, 2019

Position Classification	Department	Position	Emp#	2018 Hourly Rate	%Δ	2019 Hourly Rate	Notes
Non-Union	Police - Civilians	Parking & Auxilliary Services Supervisor	225	\$ 39.8322	2.75%	\$ 40.9276	
Non-Union	Administration	Township Manager	15	\$ 98.6374	0.00%	\$ 98.6374	
Non-Union	Administration	Executive Assistant	17	\$ 43.4065	2.75%	\$ 44.6002	
Non-Union	Recreation & Comm. Prog.	Director	506	\$ 57.7988	2.75%	\$ 59.3883	
Non-Union	Recreation & Comm. Prog.	Programming Supervisor	509	\$ 35.0952	2.75%	\$ 36.0603	
Non-Union	Recreation & Comm. Prog.	Programming Coordinator	507	\$ 27.7452	2.75%	\$ 28.5082	
Non-Union	Recreation & Comm. Prog.	Recreation Assistant	Vacant	\$ 22.5300	2.75%	\$ 23.1496	
Non-Union	Community Development	Director	32	\$ 57.7987	2.75%	\$ 59.3882	
Non-Union	Community Development	Health Officer	37	\$ 38.4615	2.75%	\$ 39.5192	
Non-Union	Community Development	Assistant Health Officer	42	\$ 24.7253	2.75%	\$ 25.4052	
Non-Union	Community Development	Codes Official III	Vacant	\$ 43.0000	0.00%	\$ 43.0000	Vacant Position Amount is "up to" limit
Non-Union	Community Development	Codes Official III	33	\$ 36.2637	2.75%	\$ 37.2610	
RATE	Community Development	Administrative Assistant	306	\$ 38.9645	2.75%	\$ 40.0360	
RATE	Community Development	Administrative Assistant	35	\$ 37.3161	2.75%	\$ 38.3423	
Non-Union	Engineering	Engineer	319	\$ 78.0489	2.75%	\$ 80.1952	
Non-Union	Engineering	Project Manager	Vacant	\$ 51.0000	0.00%	\$ 51.0000	Vacant Position Amount is "up to" limit
RATE	Engineering	Clerk	305	\$ 27.0952	2.75%	\$ 27.8403	
RATE	Engineering	Engineering Inspector	302	\$ 47.8205	2.75%	\$ 49.1356	
Non-Union	Finance	Assist. Township Mgr / Finance Director	21	\$ 88.2190	2.75%	\$ 90.6450	
Non-Union	Finance	Asst. Fin. Dir / HR Manager	29	\$ 67.7253	2.75%	\$ 69.5877	
Non-Union	Finance	Human Resource Coordinator	26	\$ 42.5635	2.75%	\$ 43.7340	
Non-Union	Finance	Accounting Supervisor	40	\$ 45.3117	2.75%	\$ 46.5578	
Non-Union	Finance	Expenditure Accountant	230	\$ 26.3016	2.75%	\$ 27.0249	
Non-Union	Finance	Administrative Services Coordinator	36	\$ 48.6877	2.75%	\$ 50.0266	
Non-Union	Information Tech.	Public Information Coordinator	8	\$ 35.8480	2.75%	\$ 36.8338	
Non-Union	Information Tech.	IT Coordinator	18	\$ 37.1089	2.75%	\$ 38.1294	
Non-Union	Public Works	Public Works Director	337	\$ 50.9615	2.75%	\$ 52.3629	
Non-Union	Public Works	Supervisor: Solid Waste / Highway	338	\$ 40.6250	2.75%	\$ 41.7422	
Non-Union	Public Works	Supervisor: Parks / Sewers	Vacant	\$ 40.0000	0.00%	\$ 40.0000	Vacant Position Amount is "up to" limit
RATE	Public Works	Administrative Assistant	502	\$ 37.3161	2.75%	\$ 38.3423	
RATE	Public Works	Mechanic Field Leader	339	\$ 36.7442	2.75%	\$ 37.7547	
RATE	Public Works	Mechanic I	538	\$ 35.1268	2.75%	\$ 36.0928	
RATE	Public Works	Mechanic I	340	\$ 30.0000	2.75%	\$ 30.8250	
RATE	Public Works	Field Leader I	333	\$ 35.2277	2.75%	\$ 36.1965	
RATE	Public Works	Field Leader I	361	\$ 34.2139	2.75%	\$ 35.1548	
RATE	Public Works	Heavy Equipment	332	\$ 33.0394	2.75%	\$ 33.9480	
RATE	Public Works	Light Equipment	529	\$ 32.4033	2.75%	\$ 33.2944	
RATE	Public Works	Driver I	522	\$ 32.1917	2.75%	\$ 33.0770	
RATE	Public Works	Driver I	570	\$ 32.1917	2.75%	\$ 33.0770	
RATE	Public Works	Driver I	440	\$ 32.1917	2.75%	\$ 33.0770	
RATE	Public Works	Driver I	435	\$ 32.1917	2.75%	\$ 33.0770	
RATE	Public Works	Laborer	461	\$ 31.5500	2.75%	\$ 32.4176	
RATE	Public Works	Laborer	331	\$ 31.5513	2.75%	\$ 32.4190	
RATE	Public Works	Driver II	346	\$ 32.6154	2.75%	\$ 33.5123	
RATE	Public Works	Driver II	442	\$ 32.6154	2.75%	\$ 33.5123	
RATE	Public Works	Driver II	462	\$ 32.6154	2.75%	\$ 33.5123	
RATE	Public Works	Driver II	456	\$ 32.6154	2.75%	\$ 33.5123	
RATE	Public Works	Driver II	443	\$ 32.6154	2.75%	\$ 33.5123	
RATE	Public Works	Driver II	533	\$ 32.6154	2.75%	\$ 33.5123	
RATE	Public Works	Collector	479	\$ 32.6154	2.75%	\$ 33.5123	
RATE	Public Works	Collector	450	\$ 31.4237	2.75%	\$ 32.2879	
RATE	Public Works	Collector	485	\$ 26.9719	2.75%	\$ 27.7136	

Radnor Township, PA
 2019 Wage and Salary Schedule
 Effective January 1, 2019

Position Classification	Department	Position	Emp#	2018 Hourly Rate	%Δ	2019 Hourly Rate	Notes
RATE	Public Works	Collector	285	\$ 21.0000	0.00%	\$ 21.0000	Increase 5/5/19 to \$22.3125 (6 mo) and 11/5/19 to \$23.6250 (12 mo)
RATE	Public Works	Collector	494	\$ 26.9719	2.75%	\$ 27.7136	
RATE	Public Works	Collector	229	\$ 31.2761	2.75%	\$ 32.1362	
RATE	Public Works	Collector	344	\$ 31.3362	2.75%	\$ 32.1979	
RATE	Public Works	Collector	301	\$ 21.0000	0.00%	\$ 21.0000	Increase 4/29/19 to \$22.3125 (6 mo) and 10/29/19 to \$23.6250 (12 mo)
RATE	Public Works	Collector	409	\$ 31.5566	2.75%	\$ 32.4244	
RATE	Public Works	Collector	436	\$ 31.2747	2.75%	\$ 32.1348	
RATE	Public Works	Collector	496	\$ 21.0000	0.00%	\$ 21.0000	Increase 2/6/19 to \$22.3125 (6 mo) and 8/6/19 to \$23.6250 (12 mo)
RATE	Public Works	Collector	469	\$ 31.4185	2.75%	\$ 32.2825	
RATE	Public Works	Collector	433	\$ 31.4154	2.75%	\$ 32.2793	
RATE	Public Works	Collector	434	\$ 31.6149	2.75%	\$ 32.4843	
RATE	Public Works	Collector	760	\$ 24.9375	0.00%	\$ 24.9375	Increase 4/24/2019 to \$26.2500 (24 mo)
RATE	Public Works	Field Leader I	535	\$ 34.2139	2.75%	\$ 35.1548	
RATE	Public Works	Heavy Equipment	438	\$ 33.0394	2.75%	\$ 33.9480	
RATE	Public Works	Light Equipment	575	\$ 32.4033	2.75%	\$ 33.2944	
RATE	Public Works	Light Equipment	536	\$ 32.4033	2.75%	\$ 33.2944	
RATE	Public Works	Driver I	342	\$ 32.1917	2.75%	\$ 33.0770	
RATE	Public Works	Laborer	755	\$ 31.3357	2.75%	\$ 32.1974	
RATE	Public Works	Laborer	746	\$ 31.3357	2.75%	\$ 32.1974	
RATE	Public Works	Laborer	537	\$ 31.4185	2.75%	\$ 32.2825	
RATE	Public Works	Laborer	764	\$ 23.6250	0.00%	\$ 23.6250	Increase 3/29/19 to \$24.9375 (18 mo) and 9/29/19 to \$26.2500 (24 mo)
RATE	Public Works	Laborer	572	\$ 31.3427	2.75%	\$ 32.2046	
RATE	Public Works	Laborer	550	\$ 31.3357	2.75%	\$ 32.1974	
RATE	Public Works	Laborer	474	\$ 31.3319	2.75%	\$ 32.1935	
RATE	Public Works	Laborer	497	\$ 21.0000	0.00%	\$ 21.0000	Increase 4/29/19 to \$22.3125 (6 mo) and 10/29/19 to \$23.6250 (12 mo)
RATE	Public Works	Field Leader I	437	\$ 34.2139	2.75%	\$ 35.1548	
RATE	Public Works	Driver I	525	\$ 32.1917	2.75%	\$ 33.0770	
RATE	Public Works	Driver I	543	\$ 32.1917	2.75%	\$ 33.0770	

Radnor Township, PA
2019 Wage and Salary Schedule
Effective January 1, 2019

Position Classification	Department	Position	Emp#	2018 Hourly Rate	%Δ	2019 Hourly Rate	Notes
Part-Time	Finance	Bookkeeper	22	\$ 31.4415	2.75%	\$ 32.3061	
Part-Time	Finance	Revenue Accountant	Vacant	\$ 30.0000	0.00%	\$ 30.0000	
Part-Time	Finance	Switchboard	10	\$ 16.9700	2.75%	\$ 17.4367	
Part-Time	Finance	Switchboard	295	\$ 16.9743	2.75%	\$ 17.4411	
Part-Time	Information Tech.	IT Coordinator	220	\$ 29.3351	2.75%	\$ 30.1418	
Part-Time	Information Tech.	Cable, Web, Communication Coord.	43	\$ 17.4675	2.75%	\$ 17.9479	
Part-Time	Community Development	Health Officer	Vacant	\$ 46.4000	0.00%	\$ 46.4000	
Part-Time	Community Development	Codes Official III	Vacant	\$ 30.0000	0.00%	\$ 30.0000	
Part-Time	Community Development	Property Maint. Inspector	Vacant	\$ 20.0000	0.00%	\$ 20.0000	
Part-Time	Community Development	Clerk	Vacant	\$ 15.0000	0.00%	\$ 15.0000	
Part-Time	Public Works	Laborer	419	\$ 15.4100	2.75%	\$ 15.8338	
Part-Time	Public Works	Laborer	Vacant	\$ 13.0000	2.75%	\$ 13.3575	
Part-Time	Public Works	Laborer	Vacant	\$ 13.0000	2.75%	\$ 13.3575	
Part-Time	Public Works	Laborer	Vacant	\$ 13.0000	2.75%	\$ 13.3575	
Part-Time	Police - Civilian	Parking Inspector	284	\$ 16.0000	2.75%	\$ 16.4400	
Part-Time	Police - Civilian	Parking Inspector	289	\$ 16.0000	2.75%	\$ 16.4400	
Part-Time	Police - Civilian	Parking Inspector	291	\$ 16.4400	2.75%	\$ 16.8921	
Part-Time	Police - Civilian	Crossing Guard	228	\$ 16.9743	2.75%	\$ 17.4411	
Part-Time	Police - Civilian	Crossing Guard	275	\$ 16.9743	2.75%	\$ 17.4411	
Part-Time	Police - Civilian	Crossing Guard	276	\$ 16.0800	0.00%	\$ 16.0800	
Part-Time	Police - Civilian	Crossing Guard	277	\$ 16.9743	2.75%	\$ 17.4411	
Part-Time	Police - Civilian	Crossing Guard	Vacant	\$ 16.9743	2.75%	\$ 17.4411	
Part-Time	Police - Civilian	Crossing Guard	288	\$ 16.9743	2.75%	\$ 17.4411	
Part-Time	Police - Civilian	Crossing Guard	294	\$ 16.9743	2.75%	\$ 17.4411	
Part-Time	Police - Civilian	Crossing Guard	296	\$ 16.9743	2.75%	\$ 17.4411	
Part-Time	Police - Civilian	Crossing Guard	297	\$ 16.9743	2.75%	\$ 17.4411	
Part-Time	Police - Civilian	Crossing Guard	299	\$ 16.9743	2.75%	\$ 17.4411	

Radnor Township, PA

2019 Wage and Salary Schedule - Recreation and Community Programming Department Day Camp Seasonal Wage Ranges by Position
For the Year Beginning January 1, 2019

Radnor Day Camp 2019 - Seasonal Staff Pay Ranges by Position				
Position	# of Projected Positions*	Minimum Per Hour Pay		Maximum Per Hour Pay
Director	1	\$	15.00	\$ 25.00
Assistant Director	1	\$	11.00	\$ 18.00
Specialty Coordinator**	7	\$	11.00	\$ 25.00
Special Needs Support Staff	12	\$	11.00	\$ 18.00
Lifeguard/Swim Instructor	6	\$	8.00	\$ 15.00
Leader II	12	\$	7.50	\$ 12.00
Leader I	12	\$	7.25	\$ 10.00

* Positions are hired commensurate to camp enrollment, generally estimated at 230 participants.

**Specific role responsibilities for Camp Specialty Coordinators are subject to change.

General Information:

1. All positions are filled through an interview/evaluation process; process starts in January.
2. Position pay rates and qualifications vary based on tenure, experience, and special certifications.
3. Some returning staff receive minimal wage increases and vary based on qualifications and performance.
4. Staff members sometimes fulfill roles in other areas such as assisting with community events or running other programs.

Recreation Community Programming Department 12/4/2018

**RADNOR TOWNSHIP
DELAWARE COUNTY, PENNSYLVANIA**

**ORDINANCE NO. 2018-15
ADOPTED _____**

AN ORDINANCE OF THE TOWNSHIP OF RADNOR, DELAWARE COUNTY, PENNSYLVANIA, ENACTING A NEW CHAPTER 176, HAZARDOUS ACCIDENT REIMBURSEMENT, AUTHORIZING THE COLLECTION OF, AND THE REIMBURSEMENT OF TOWNSHIP AND FIRE DEPARTMENT COSTS OF RESPONSE AND CLEAN UP AFTER TRANSPORTATION, ENVIRONMENTAL OR INDUSTRIAL ACCIDENTS

The Board of Commissioners of Radnor Township, upon recommendation of the Radnor Township Police Department, does hereby enact and ordain the following.

WHEREAS, the Board of Commissioners of the Township of Radnor, County of Delaware, Commonwealth of Pennsylvania, is empowered to make and adopt Ordinances deemed necessary for proper management, care and control of the Township and its finances and the maintenance of peace, good government and welfare of the Township and its trade, commerce and manufacture, pursuant to Section 1.02 of the Radnor Township Home Rule Charter; and

WHEREAS, the Township of Radnor incurs substantial cost in connection with transportation, environmental and industrial accidents which occur in the Township; and

WHEREAS, the Board of Commissioners has determined that any person or legal entity who is responsible for such accidents should bear all costs associated with such accident; and

WHEREAS, the Board of Commissioners has determined it is in the best interest of the citizens of the Township of Radnor to enact an Ordinance authorizing the recovery of costs incurred by the Township and or Fire companies as a result of transportation, environmental and industrial accidents from the person or legal entity responsible for such accidents.

NOW THEREFORE, the Board of Commissioners of the Township of Radnor does hereby enact and ordain the following Ordinance:

ARTICLE I HAZARDOUS ACCIDENT REIMBURSEMENT

The Radnor Township Code is hereby amended by adding a new Chapter 176, Hazardous Accident Reimbursement, that shall read as follows:

CHAPTER 176: HAZARDOUS ACCIDENT REIMBURSEMENT

§176-1 Authority, Findings and Purpose

- A. Authority – Under §§161 and 164(6) of the Home Rule Charter and Optional Plans Law, and §1.02 of the Radnor Township Home Rule Charter, the Township has the authority to make rules and regulation for the governing of police, fire, and other emergency services located and/or operating within the Township.
- B. Findings – The Township recognizes that fire and emergency management companies require specialized tools for fire suppression, safety, and rescue responses including but not limited to emergency rescue tools and equipment, emergency rescue materials, hazardous material abatement equipment, and hazardous abatement materials during emergency responses. The Township recognizes that such tools and equipment place a financial burden on these companies, and the replacement of such materials and specialized training add to the additional financial burden for these companies. The Township itself also incurs substantial costs in connection with hazardous abatement incidents, transportation accidents, environmental incidents, and fire and safety rescue responses which occur within the Township.
- C. Purpose – To grant the Township and any Fire Company operating in Radnor Township the authority to seek reimbursement for the reasonable cost of responding to Hazardous Accidents, either directly or in coordination with the Office of Emergency Management, as provided below.

§176-2 Definitions

- A. Hazardous Accident – Any incident that occurs during the storage, transportation, use, and/or manufacturing of any Material resulting in an accident which is and/or results in a danger to, a threat to, and/or possible harm to the public health, safety, and welfare, and that necessitates:
 - (1) The intervention of a Fire Company, the Radnor Township Police Department, the Radnor Township Public Works Department, and/or any other Radnor Township employees or consultants; and/or
 - (2) Fire Company and/or Radnor Township personnel/employees/contractors to clean-up debris and/or spills, undertake abatement measures, and/or repair/renovate/replace damaged public infrastructure.
- B. Business – Any person or persons, corporation or partnership, or other entity engaged in the buying, selling, storing, transferring, transporting, and/or manufacturing of materials, substances, merchandise, chemicals, fuels, equipment, items, or other goods, for money and/or other means of compensation for the purpose, stated or otherwise, of realizing a profit and/or other gains.

- C. Public Thoroughfare – State, County, and Township bridges, culverts, highways, and streets; any navigable waterway; or any other roadway or water course owned by a governmental unit.
- D. Fire Company – Any fire company, emergency management squad, or rescue squad operating within Radnor Township.
- E. Material – Any substance, chemical, fuel, equipment, product, item, merchandise, or other good.

§176-3 Cost of Accidents

- A. A Business upon whose premises a Hazardous Accident occurs shall bear all costs that arise as a direct or consequential result of such Accident. In the event a Hazardous Accident occurs during transportation on a Public Thoroughfare, or in delivery to a person or entity other than a Business, the Business which owns or had custody and/or control of the vehicle and/or Material involved in the Hazardous Accident shall bear all costs that occur as a direct or consequential result of such Accident. Nothing contained herein shall prevent such Business from recovering any incurred or subsequent costs from a third party whose negligence may have caused such Accident.
- B. In the event that any Business, person, or other entity undertakes, either voluntarily or upon order of the Radnor Township Police or other Township Official, to clean up or abate the effect of a Hazardous Accident, the Radnor Township may take such action as is necessary to supervise or verify the adequacy of the clean up or abatement. The Business described in Subsection A. above shall be liable to the Township for all costs incurred as a result of such supervision or verification.
- C. For the purpose of this Chapter, costs of a Hazardous Accident shall include, but are not limited to, the following:
 - (1) Expenses incurred by any police, fire, and/or emergency medical services, including, but not limited to the Township Police Department and the Fire Company, in connection with the Accident.
 - (2) Actual labor costs of Radnor Township personnel, including benefits and administrative overhead incurred in response to the Accident.
 - (3) Costs of consultants or others preparing reports concerning the Accident.
 - (4) Costs of equipment operations and rental used in response to the Accident.
 - (5) Costs of materials obtained directly by the Township and used in response to the Accident.

- (6) Damages to any Township owned infrastructure, including but not limited to roads, signs, poles, buildings, structures, parking meters, and the like.
 - (7) Costs of the Township Solicitor and the Township Engineer in connection with the Accident.
- D. The calculation of the actual costs of a Hazardous Accident as set forth in this Section shall be determined by the Township Manager or his/her designee.
- E. The reimbursement of all costs of a Hazardous Accident as set forth in this Section shall be paid directly to the Township within thirty (30) days from the date on which the Township issues an invoice for such costs. Failure to make payment within thirty (30) days shall constitute a violation of this Chapter.

§176-4 Recovery of Fire Company Costs

- A. The Township hereby authorizes any and all Fire Companies to recover the reasonable cost of emergency rescue tools, equipment, and materials; hazardous material abatement tools, equipment, and materials; and personnel hours involving any hazardous material, environmental, fire safety, and/or rescue incident or operation, including vehicular accidents, arising out of its response to a Hazardous Accident.
- B. The reasonable costs outlined above may be recovered directly by the Fire Company or through a third party billing service as acting as an authorized agent for the collection of such costs.
- C. The Fire Company or third party billing service shall only have the authority to recover the aforementioned costs from the applicable insurance company/carrier.
- D. The reimbursement rates for the aforementioned tools, equipment, and materials shall be set by each Fire Company from time to time and shall be only applied to the recovery of costs arising out of incidents that occurred subsequent to the setting of the rates. These rates shall be kept on file in the Township Building.
- E. In addition to the aforementioned reasonable costs, the Fire Company or third party billing service shall be authorized to collect reasonable interest, as well as a reasonable administrative fee for collecting the same, and any and all additional fees as may be authorized by the Hazardous Material and Emergency Planning and Response Act or authorized by any other statute or law.

§176-5 Responsibility of the Township

The Township shall not be responsible for any aspect of the recovery of Fire Company costs under this Chapter and the Township shall have no obligation to assist the Fire Company or any third party billing service in recovery of Fire Company costs under this Chapter.

§176-6 Penalties

Any person who shall violate any provision of this Chapter shall, upon conviction thereof, be sentenced to pay a fine not more than One Thousand Dollars (\$1,000.00). Each day that a violation of this Chapter continues shall constitute a separate offense.

ARTICLE II REPEALER.

All ordinance or parts of ordinances which are inconsistent herewith are hereby repealed.

ARTICLE III SEVERABILITY.

If any sentence, clause, section or part of this Ordinance is for any reason found to be unconstitutional, illegal or invalid, such unconstitutionality, illegality or invalidity shall not affect or impair any of the remaining provisions, sentences, clauses, sections or part of this Ordinance. It is hereby declared as the intent of the Board of Commissioners of Radnor Township, that this Ordinance would have been adopted had such unconstitutional, illegal or invalid sentence, clause, section or part thereof not been included therein.

ARTICLE IV EFFECTIVE DATE.

This Ordinance shall become effective in accordance with the Home Rule Charter of Radnor Township.

ENACTED and *ORDAINED* this _____ day of _____, 2018.

RADNOR TOWNSHIP

By: _____

Name: Lisa Borowski

Title: President

ATTEST:

Robert A. Zienkowski, Secretary

RESOLUTION NO. 2018-131
A RESOLUTION OF RADNOR TOWNSHIP, DELAWARE
COUNTY, PENNSYLVANIA, AUTHORIZING MELIORA
DESIGN TO PROVIDE DESIGN, PERMITTING, AND
CONSTRUCTION DRAWINGS FOR THE WEST WAYNE
PRESERVE STORMWATER MANAGEMENT PROJECT,
AND FLOOD REDUCTION OPTIONS FOR THE DARBY
CREEK WATERSHED, AT A COST OF \$185,889

WHEREAS, Township wishes to use the West Wayne Preserve, as it was originally intended, for stormwater management

WHEREAS, the Township wishes to have prepared flood reduction project options, in the Darby Creek Watershed of Radnor Township

NOW, THEREFORE, be it **RESOLVED** by the Board of Commissioners of Radnor Township does hereby Authorize Meliora Design to provide design, permitting, and construction drawings for the West Wayne Preserve Stormwater Management Project, and Flood Reduction Options for the Darby Creek Watershed, at a cost of \$185,889

SO RESOLVED this 10th day of December, A.D., 2018

RADNOR TOWNSHIP

By: _____
Name: Lisa Borowski
Title: President

ATTEST: _____
Robert A. Zienkowski
Manager/Secretary

Radnor Township

PROPOSED LEGISLATION

DATE: December 3, 2018

TO: Radnor Township Board of Commissioners

FROM: Stephen F. Norcini, P.E., Township Engineer *ASN*

CC: Robert A. Zienkowski, Township Manager
William M. White, Assistant Township Manager/Finance Director

LEGISLATION: Resolution #2018-131: Authorizing Meliora Design to provide design, permitting, and construction drawings for the West Wayne Preserve Stormwater Management Project, and Flood Reduction Options for the Darby Creek Watershed, at a cost of \$185,889

LEGISLATIVE HISTORY: A portion of this request, the West Wayne Preserve Stormwater Management Project, was before the Commissioners several years ago in the form of a joint grant application with the Delaware Riverkeeper Network. Meliora Design created that original design; what is proposed will be similar from a stormwater management standpoint yet will be refined to take into consideration current stormwater modelling and input from the Commissions and residents.

PURPOSE AND EXPLANATION: The proposal before the Commissioners is to provide the following:

1. **Provide design, permitting, and construction drawings for the West Wayne Preserve Stormwater Management Project:** Use of the West Wayne Preserve, as was originally intended, for stormwater management (SWM). This portion of the proposal will be for Meliora to provide design, permitting, and bidding documents for converting the Preserve into a SWM facility. (please see attachments; note that the draft for the Preserve is not a final design). This task also includes meetings with the residents, Commissioners, and SWMAC. As noted above, Meliora will be refining the previous concept. Many of the trees in the Preserve are invasive species, declining, or near the end of their lifespan. I have required Meliora to include a tree survey of the Preserve; we can then determine if reforestation is the best move forward, working around existing trees, or a combination of both. If authorized by the Commissioners, this phase of the proposal will go to bid in late March of 2019.
2. **Flood Reduction Options for the Darby Creek Watershed:** The intent of this portion of the proposal is to provide options, should it so please the Commissioners, to choose flood mitigation projects for this watershed, which includes South Devon Avenue, Arbordale, West Wayne, etc. Previous studies have suggested the use of Bo Connor Park and Warren Phillipone Park for stormwater management. These will be revisited, as well as the area outlined in the attachment as Friends of the Radnor Trail Park. The possibility of public/private flood mitigation projects will also be evaluated. The deliverables for this task:
 - I. Location of possible flood mitigation project
 - II. Quantification of flood reduction
 - III. Cost for design
 - IV. Budget cost for construction.

In this way, the Commissioners can decide if they wish to move forward with any of the projects.

IMPLEMENTATION SCHEDULE: Pending Board of Commissioners approval, a purchase order will be processed. Once the purchase order is approved, a Notice to Proceed will be issued to Meliora Design, with work to begin immediately. Due to permitting requirements, it is anticipated the West Wayne Preserve project will bid within 6 months of NTP, the Flood Reduction Options portion, running concurrently, will take approximately 5 months.

FISCAL IMPACT: The cost of the outlined work is \$185,889 and will be funded by the 04 Stormwater Fund. Please note that Meliora Design has reduced their fees by 10% for this project, and any future projects should it so please the Board to award to Meliora.

RECOMMENDED ACTION: *Staff recommends that the Board of Commissioners Authorize Meliora Design to provide design, permitting, and construction drawings for the West Wayne Preserve Stormwater Management Project, and Flood Reduction Options for the Darby Creek Watershed, at a cost of \$185,889.*

Enclosures: West Wayne Preserve and Friends of the Radnor Trail Park
Previous Schematic of the West Wayne Preserve Project
Meliora Design proposal
Meliora fee reduction

West Wayne Preserve SWM Project

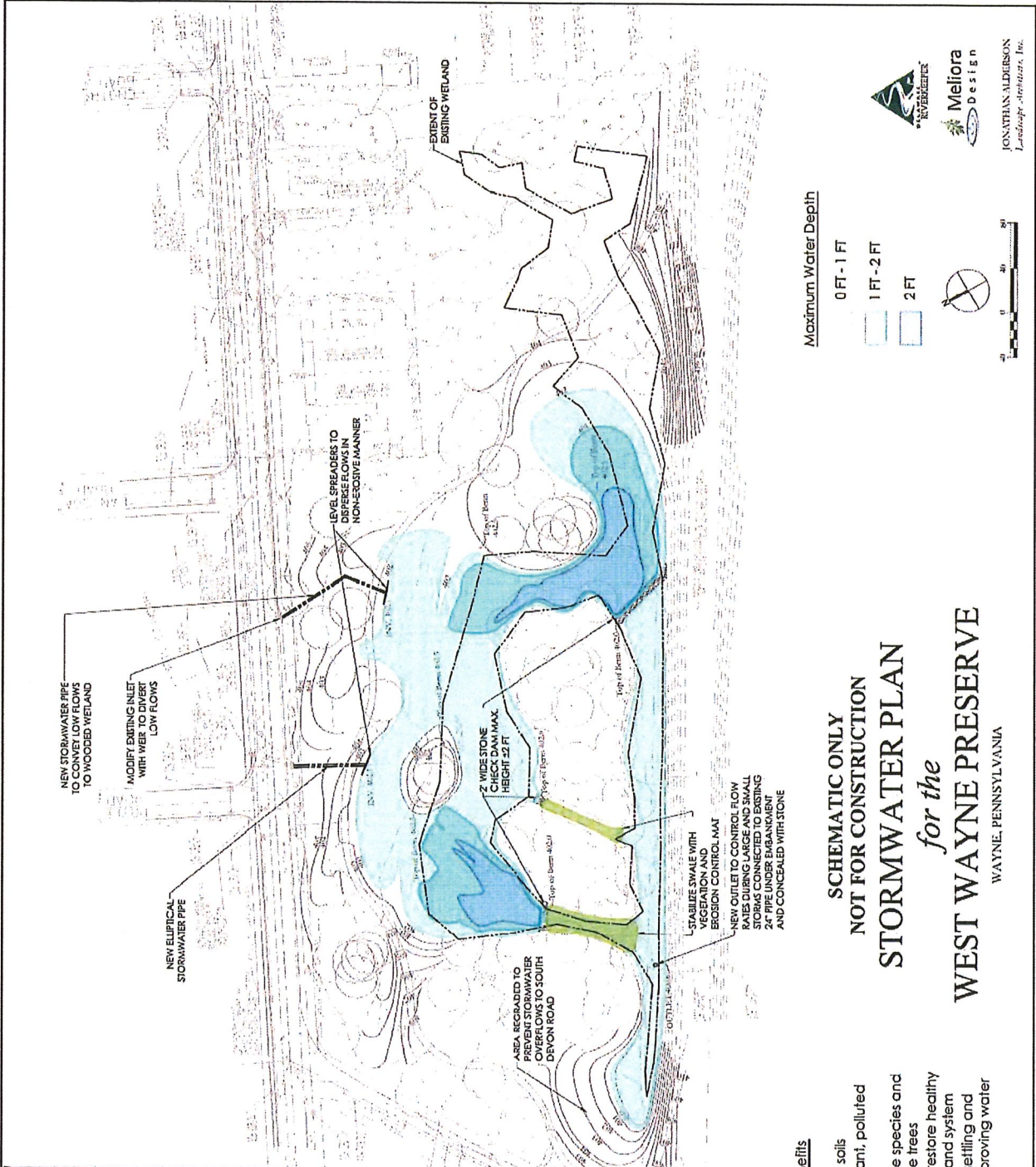
Legend



West Wayne Preserve

Proposed Radnor TAP Trail connection to the Radnor Trail

Friends of the Radnor Trail Park



- Drainage Area**
- 44 acres of dense Commercial and Residential Areas
 - 83,522 C.F. of Runoff in $\frac{1}{2}$ -inch Storm
- Stormwater Benefits of Concept**
- Goal: Capture small, frequent storms (First $\frac{1}{2}$ -inch of runoff)
 - Disperse water over a large area using stone check dams
 - Water will slowly infiltrate or overflow out of site over time
 - Stormwater taken-up by evapotranspiration
 - Prevent erosion of soils
 - Eliminate flooding of South Devon Road

- Environmental Benefits**
- Create habitat
 - Restore healthy soils
 - Eliminate stagnant, polluted ponding areas
 - Remove invasive species and protect valuable trees
 - Generate and restore healthy woodland-wetland system
 - Filter runoff via settling and through soil, improving water quality

**SCHEMATIC ONLY
NOT FOR CONSTRUCTION**

STORMWATER PLAN

for the

WEST WAYNE PRESERVE

WAYNE, PENNSYLVANIA

Maximum Water Depth

- 0 FT - 1 FT
- 1 FT - 2 FT
- 2 FT



November 19, 2018

Mr. Stephen F. Norcini
Township Engineer
Radnor Township
301 Iven Avenue
Wayne, PA 19087

RE: West Wayne Preserve Stormwater Management Project, and Flood Reduction Options for the Darby Creek Watershed

Dear Mr. Norcini:

Meliora Design is pleased to submit this proposal to provide Professional Design and Consulting Services for the feasibility study to reduce flooding in West Wayne, specifically in the area in the general vicinity of South Devon Avenue, within the Little Darby Creek watershed downstream from Lancaster Avenue and Conestoga Road.

Project Understanding and Work Tasks

Discussions with Radnor Township staff have described a variety of stormwater issues in the general vicinity of Bo Connor Park, the West Wayne Preserve, and residential areas south of South Devon Avenue. The West Wayne Preserve was previously identified by Meliora Design as having the potential to provide a stormwater benefit to Radnor Township as a form of stormwater wetland to passively store and release runoff. The plan has been included in both CH2MHill modeling studies and the Township MS4 PRP Plan as a stormwater management opportunity. Other regional opportunities for stormwater management are desired along with an analysis to provide opportunities for flood mitigation and flow reductions in Little Darby Creek in the area upstream and downstream of South Devon Avenue.

Similar to other areas of Radnor Township, inefficient drainage infrastructure, lack of flood plain, stream cross-section restrictions, stream alignment, and many other factors create different flooding impacts on different residents. Approaches to alleviate flooding have to be as diverse as the causes which is the foundation of this proposal. Meliora Design's goal for this feasibility study is to build on previous studies and community knowledge to find buildable solutions to area flooding that do not impact downstream residents adversely.

This proposal includes the work effort associated with identifying constructible stormwater solutions to flooding issues, including the following tasks:

1. Review existing information.
2. Determine land use and runoff volume by sub drainage area.
3. Desktop Analysis.
4. Field Investigation.
5. Refine concept opportunities and costs.
6. Public Communication throughout the work effort with both Radnor Township Staff, Board Members, and the public.
7. Construction Documents for stormwater improvements in West Wayne Preserve

1. Review Existing Information

Meliora Design will review previous modeling exercises for the area in question, compile existing utility information through the use of PA One Call, compile property parcel data, and other background information that will be helpful in guiding this work effort. The previous modeling study by CH2MHill is of use because this area has already been studied for other purposes, but the basic approach of the model can still provide useful information. Meliora Design will rerun the models developed by CH2MHill in later tasks and extract useful information. We will also coordinate with Township staff to determine how utility upgrade needs and the future stormwater interventions can overlap to provide cost savings with the Township's need for upgrades to water, sanitary sewer, gas, or telecom services. We will meet with township staff once during this phase for utility coordination purposes.

2. Land Use and Runoff Volume by Sub-area

Meliora Design will take information gathered in the first task and generate maps and land use data to support the reapplication of CH2MHills modeling effort for this area to determine runoff volumes and sources by sub-area and land use. Where the previous study looked at flood elevation and impacts, our analysis will work to quantify stormwater runoff sources with the goal of illustrating what areas contribute to which flooding issues within the project area. Meliora Design will produce a narrative report of these findings.

Tangible Work Products:

- Narrative Report of findings

3. Desktop Analysis

Based on information gathered from previous community and staff engagement and the SWMM modeling effort, Meliora Design will analyze opportunities and constraints of possible flooding interventions. This analysis will include feasibility of stream bank and flood plain restoration, improvements to West Wayne Preserve, Bo Connor Park, Warren Filipone Park, as well as other similar parcels within the drainage area to Little Darby Creek to accept more stormwater runoff as proposed in previous designs with a focus on existing utilities, pipe capacity, storage potential in the subsurface stormwater system, and geotechnical evaluations in the study area as necessary. Meliora Design will also investigate other similar strategies high in the drainage area to Little Darby Creek. Our focus will be the evaluation of approaches brought to light by the Pollutant Reduction Plan as well as other opportunities developed by the feasibility process. Because we believe a diverse approach to the problem is required to address the multitude of reasons for flooding within the neighborhoods surrounding South Devon Avenue, we will also investigate floodplain capacity, on-lot reduction strategies, localized controlled flooding opportunities, and green infrastructure opportunities throughout the drainage area. Within this task we have allotted time for meetings with Township staff, SWMAC, community residents (4), and the Board of Commissioners.

4. Field Investigation

Meliora Design will conduct three days for field investigation to visually assess conditions that could impact stream flows, storm water discharges from outfalls, disconnections of floodplain, and opportunities for improvement of stormwater conveyance function. Because of the larger area and more complicated subsurface conditions of Little Darby Creek, we have allotted more time for the interpretation of the data gathered in the 3 days of site visits we are proposing. We have also allowed for survey time to document detailed conditions as needed that would impact our feasibility analysis. This could include culvert properties, stream cross-sections, floodplain elevations, obstruction locations, etc. This investigation would not provide construction level survey information but would supplement any future work done in this area. We would meet with Township staff to discuss findings following the field investigation.

5. Refine Concept Opportunities and Costs

In this task, Meliora Design will use information gathered during the field investigation in combination with the desktop analysis to provide recommendations, benefits, and construction cost estimates of recommended interventions. Discussion of phasing of interventions will also be included to help the Township and residents understand how the order of implementation can help make certain approaches more viable. For instance, volume reducing interventions prior to infrastructure improvements could reduce costs of infrastructure construction by reducing scope of necessary improvements.

6. Public Communication

Throughout the first 5 tasks, Meliora Design has allotted time for meetings with Township Staff, SWMAC, residents, and Board of Commissioners. We break out the total number of meetings in this task for clarity. Separate meetings were provided as part of the South Wayne Parking Lot documentation task. A summary of the meeting totals our scope assumes is below:

- Township Staff – 4 meetings
- SWMAC – 2 meetings
- Community Meetings with residents – 5
- Board of Commissioner meetings – 2

7. Construction Documents

As part of the project, we will document stormwater improvements informed by the previously proposed concept for West Wayne Preserve to improve stormwater management on site, benefit downstream residents, and improve a community amenity currently overrun with invasive species of vegetation. Because this project site takes place in the drainage area of this feasibility study, an earmarked project can be addresses efficiently as part of an overall approach to addressing stormwater management issues in this area. The refinement of concept opportunities in previous tasks that include this site area will allow Meliora Design to produce a buildable project from this feasibility study as it has already been identified to have a high priority, but not necessarily a quantifiable benefit.

Tangible Work Products:

- Construction Documents

- Existing Conditions
- Erosion and Sediment Control Plans
- Site Plan
- Grading Plan
- Stormwater Plan
- Landscape Plan
- Construction Specifications
- Necessary Permit submissions
- Invasive Plant Removal Plan
- Soil Contamination Testing
- Wetland Mapping
- Two (2) Board of Commissioner Presentations
- Two (2) Meetings with Township Staff

All work products will be provided in hard copy and digital format.

We look forward to supporting Radnor Township in this complex work effort and appreciate the opportunity to complete this project. If you have any questions or concerns, we can be reached at 610-933-0123, or MicheleA@Melioradesign.com and MarcH@Melioradesign.com.

Sincerely yours,



Michele C. Adams, PE, LEED AP
Principal



Marc B. Henderson, PE
Project Manager

West Wayne Preserve Stormwater Management Project, and Flood Reduction Options for the Darby Creek Watershed
Mellora Detailed Fee Estimate
Prepared for Radnor Township
November 19, 2018

Mellora Design - Fee Estimate - Detailed

Title	Principal	Senior Engineer	Landscape Designer	Water Resources Designer	Water Resources Designer	Landscape Architect	Cad Technician	Total Hours	Total Fee
Billing Rate	\$175.50	\$121.50	\$95.00	\$90.00	\$90.00	\$135.00	\$76.50		
1 Review Existing Information									
Review previous CH2 model and previous studies	4	8						0	\$ -
Request and compile One Call utility information into GIS				24				12	\$ 1,674
Update GIS parcel data regarding ownership				16				24	\$ 2,160
								16	\$ 1,440
								0	\$ -
Clarify and confirm Radnor utility upgrade needs and plans (township meeting)		24		24				48	\$ 5,076
								0	\$ -
Review Existing Information Hours	4	32	0	64	0	0	0	100	
Review Existing Information Total	\$ 702	\$ 3,888	\$ -	\$ 5,760	\$ -	\$ -	\$ -		\$ 10,350
2 Land Use and Runoff Volume by Sub-area									
Define Sub- Areas, generate maps and land use data		8		16				0	\$ -
Re-apply CH2 model to generate runoff volumes and sources by sub-area and land use	4	24		40				24	\$ 2,412
Narrative summary of runoff volumes and sources	4	4						68	\$ 7,218
								8	\$ 1,188
								0	\$ -
Land Use and Runoff Volume by Sub-area Hours	8	36	0	56	0	0	0	100	
Land Use and Runoff Volume by Sub-area Total	\$ 1,404	\$ 4,374	\$ -	\$ 5,040	\$ -	\$ -	\$ -		\$ 10,818
3 Desktop Analysis									
Analysis of opportunities and constraints	8	80		80			16	0	\$ -
West Wayne Preserve System, storm sewer capacity, Bo Connor Park, Warren Filipone Park, etc.								184	\$ 19,548
Neighborhood street bypass/storage opportunities in general								0	\$ -
Potential Floodplain capacity								0	\$ -
On-lot reduction opportunities								0	\$ -
Localized controlled flooding opportunities								0	\$ -
GI opportunities								0	\$ -
Mtg with Township								0	\$ -
Mtg with SWMAC								0	\$ -
Mtg with Community and residents (4)								0	\$ -
BOC Mtg								0	\$ -
Desktop Analysis Hours	8	80	0	80	0	0	16	184	
Desktop Analysis Total	\$ 1,404	\$ 9,720	\$ -	\$ 7,200	\$ -	\$ -	\$ 1,224		\$ 19,548
4 Field Investigation									
Assume 2 days field work plus 1 day follow-up	8	36		36	36			0	\$ -
Survey allowance for cross-sections								116	\$ 12,258
GPS documentation of conditions								0	\$ -
								0	\$ -
Mtg with Township								0	\$ -
								0	\$ -
Field Investigation Hours	8	36	0	36	36	0	0	116	
Field Investigation Total	\$ 1,404	\$ 4,374	\$ -	\$ 3,240	\$ 3,240	\$ -	\$ -		\$ 12,258
5 Refined Concept Opportunities and Costs									
Concept recommendations, benefits, and construction cost estimate	24	80	40	80				0	\$ -
West Wayne Preserve, Little Darby Creek Streambank Restoration, Bo Connor Park, Target Parking Lot etc.								224	\$ 24,932
Neighborhood street bypass/storage opportunities in general								0	\$ -
Potential Floodplain capacity								0	\$ -
On-lot reduction opportunities								0	\$ -
Localized controlled flooding opportunities								0	\$ -
GI opportunities								0	\$ -
Implementation Recommendations with Phasing	8	24		16				48	\$ 5,760
								0	\$ -
Mtg with Township								0	\$ -
Mtg with SWMAC								0	\$ -
Mtg with Community and residents (6)								0	\$ -
BOC Mtg								0	\$ -
								0	\$ -
Refined Concept Opportunities and Costs Hours	32	104	40	96	0	0	0	272	
Refined Concept Opportunities and Costs Total	\$ 5,616	\$ 12,636	\$ 3,800	\$ 8,640	\$ -	\$ -	\$ -		\$ 30,692
6 Public Communication									
Mtg with Township (4)	24	32						0	\$ -
Mtg with SWMAC (2)	8	8						56	\$ 8,100
Mtg with Community and residents (5)	10	20	30	10				16	\$ 2,376
BOC Mtg (2)	6	6						70	\$ 7,935
								12	\$ 1,782
								0	\$ -
Includes preparation of material for meetings								0	\$ -
								0	\$ -
Public Communication Hours	48	66	30	10	0	0	0	154	
Public Communication Total	\$ 8,424	\$ 8,019	\$ 2,850	\$ 900	\$ -	\$ -	\$ -		\$ 20,193

West Wayne Preserve Stormwater Management Project, and Flood Reduction Options for the Darby Creek Watershed
Mellora Detailed Fee Estimate
Prepared for Radnor Township
November 19, 2018

Mellora Design - Fee Estimate - Detailed

Title	Principal	Senior Engineer	Landscape Designer	Water Resources Designer	Water Resources Designer	Landscape Architect	Cad Technician	Total Hours	Total Fee
Billing Rate	\$175.50	\$121.50	\$95.00	\$90.00	\$90.00	\$135.00	\$76.50		
7 Construction Documents									
West Wayne Preserve Bid Documents including Existing Conditions, E&S Plan, Site Plan, Grading, Stormwater, Lighting, Landscape Plan Specifications Permit Submissions	16	160	80	120		40		0	\$ -
								416	\$ 46,048
BoC Presentations (2)	8	8						0	\$ -
								0	\$ -
Twp Meetings (2)	8	8						16	\$ 2,376
								0	\$ -
								0	\$ -
Construction Documents Hours	32	176	80	120	0	40	0	448	
Construction Documents Total	\$ 5,616	\$ 21,384	\$ 7,600	\$ 10,800	\$ -	\$ 5,400	\$ -		\$ 50,800
Project Hours Total									
Project Hours Total	140	530	150	462	36	40	16	1,374	
Project Labor Total									
Project Labor Total	\$ 24,570	\$ 64,395	\$ 14,250	\$ 41,580	\$ 3,240	\$ 5,400	\$ 1,224		\$ 154,659
Reimbursables									
Expense Estimated at 4% of fee (includes mileage, printing, etc.)									\$ 6,230
Subconsultants									
Survey for Cross-sections and constraints									\$ 15,000
Wetland Delineation									\$ 5,000
Soil Testing and Geotechnical Analysis									\$ 5,000
Subconsultants Subtotal									\$ 25,000
Total Fee									
									\$ 185,889

2018/2019 Professional Billing Rates

<i>Category</i>	<i>Billing Rates</i>	<i>Radnor 10% Reduction</i>
Principal	\$195.00	\$175.50
Senior Civil Engineer/Project Manager	\$135.00	\$121.50
Civil Engineer PE	\$125.00	\$112.50
Civil Designer	\$100.00	\$90.00
Planner/GIS Specialist	\$95.00	\$85.50
Senior Structural Engineer	\$195.00	\$175.50
Structural Engineer PE	\$110.00	\$99.00
Structural Designer	\$95.00	\$85.50
Technical Aide	\$100.00	\$90.00
CAD/GIS Technician	\$85.00	\$76.50

**RESOLUTION NO. 2018-134
RADNOR TOWNSHIP**

**A RESOLUTION OF RADNOR TOWNSHIP, DELAWARE COUNTY,
PENNSYLVANIA, APPROVING THE FINANCIAL SUBDIVISION
PLAN OF THE TRUSTEES OF THE UNIVERSITY OF
PENNSYLVANIA HEALTH SYSTEM FOR PROPERTY LOCATED
AT 145 KING OF PRUSSIA ROAD IDENTIFIED AS FOLIO #36-02-
01234-00**

WHEREAS, the Trustees of the University of Pennsylvania Health Systems (“Applicant”) are proposing the re-development of a 26 acre parcel located at 145 King of Prussia Road; and

WHEREAS, the Radnor Township Planning Commission and the Delaware County Planning Commission have reviewed the Applicant’s Financial Subdivision Plan submission; and

WHEREAS, the Radnor Township Board of Commissioners now intends to grant Final Plan approval for Applicant’s Plan.

NOW, THEREFORE, be it hereby *RESOLVED* that the Radnor Township Board of Commissioners does hereby approve the Financial Subdivision Plan for Penn Medicine at Radnor, prepared by Pennoni Associates, Inc., consisting of one (1) sheet, dated August 20, 2018(“Plan”), subject to the following Final Plan approval conditions:

1. Compliance with all outstanding conditions as set forth in the Final Plan Approval Resolution No. 2018-61, a copy of which is attached hereto and incorporated herein as *Exhibit “A”*.
2. Compliance with the correspondence of Gannett Fleming dated November 8, 2018, a copy of which is attached hereto and incorporated herein as *Exhibit “B”*.
3. Compliance with the correspondence of Gilmore & Associates dated October 26, 2018, a copy of which is attached hereto and incorporated herein as *Exhibit “C”*.
4. The Applicant shall obtain all required approvals from the County, State and Federal Agencies having jurisdiction over the project, including, but not limited to, the Pennsylvania Department of Environmental Protection, the Delaware County Conservation District, and the Pennsylvania Department of Transportation.

5. The Applicant shall execute all required Development and Financial Security Agreements, cross easements and right of way documents in a form and manner to be approved by the Township Solicitor.

6. The Applicant shall comply with all other applicable Township Ordinances with respect to sewage, stormwater management, zoning, and building, as well as all other applicable Township, County, Commonwealth, and Federal rules, regulations, codes, ordinances, and statutes.

7. The Applicant shall submit new land development plans for all proposed buildings and structures as shown on the Plan.

SO RESOLVED, at a duly convened meeting of the Board of Commissioners of Radnor Township conducted on this 10th day of December, 2018.

RADNOR TOWNSHIP

By: _____
Name: Lisa Borowski
Title: President

ATTEST: _____



Gannett Fleming

*Excellence Delivered **As Promised***

Date: November 8, 2018

To: Steve Norcini, PE Township Engineer

From: Roger Phillips, PE

cc: Kevin W. Kochanski, RLA, CZO – Director of Community Development
Mary Eberle, Esq. – Grim, Biehn, and Thatcher
Amy B. Kaminski, P.E. – Gilmore & Associates, Inc.
Patricia Sherwin – Radnor Township Engineering Department

RE: 145 King of Prussia Road – Financial Subdivision Plan
Penn Medicine – Applicant

Date Accepted: November 5, 2018

90 Day Review: February 3, 2019

Penn Medicine has submitted Financial Subdivision plans for the above project. The purpose of this plan is to depict a financial subdivision for the property at 145 King of Prussia Road. This project received final approval by the Board of Commissioners on May 21, 2018. This project is located in the PLO district of the Township.

Penn Medicine at Radnor Financial Subdivision

Plans Prepared By: Pennoni Associates, Inc.

Dated: 08/20/2018

Zoning

1. §280-64.G(6) – In connection with the development of a mixed use within the PLO District, individual lots may be created for the purposes of financing and/or conveyancing. Such individual lots shall not be required to comply on an individual basis with the dimensional requirement of the article, provided that the site and uses comply with such requirements on an overall basis, and further provided that the deeds conveying separate lots contain covenants requiring the purchasers to, at all times, operate and maintain such lots in good order and repair and in a clean and sanitary condition; that cross-easements for parking areas and all appurtenant ways, pedestrian access, and utilities shall be maintained between such lots; and that such covenants shall be subject to the approval of the Township. The purchaser of any such lots shall execute and file with the Township a written covenant agreeing to the forgoing conditions prior to purchasing.



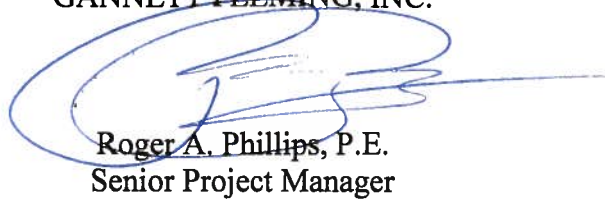
S. Norcini
Penn Medicine at Radnor
November 8, 2018

The applicant appeared before the Planning Commission on November 5, 2018. The Planning Commission recommended approval contingent upon the execution and recording of the declaration of covenants to establish the easements for parking access and utilities and also to guarantee the perpetual maintenance of the improvements

If you have any questions or require any additional information, please contact me.

Very truly yours,

GANNETT FLEMING, INC.

A handwritten signature in blue ink, appearing to read 'R. Phillips', is written over the printed name and title. The signature is stylized and somewhat illegible.

Roger A. Phillips, P.E.
Senior Project Manager



*Excellence Delivered **As Promised***

Date: October 30, 2018

To: Steve Norcini, PE Township Engineer

From: Roger Phillips, PE

cc: Kevin W. Kochanski, RLA, CZO – Director of Community Development
Mary Eberle, Esq. – Grim, Biehn, and Thatcher
Amy B. Kaminski, P.E. – Gilmore & Associates, Inc.
Patricia Sherwin – Radnor Township Engineering Department

RE: 145 King of Prussia Road – Financial Subdivision Plan
Penn Medicine – Applicant

Date Accepted: November 5, 2018

90 Day Review: February 3, 2019

Penn Medicine has submitted Financial Subdivision plans for the above project. The purpose of this plan is to depict a financial subdivision for the property at 145 King of Prussia Road. This project received final approval by the Board of Commissioners on May 21, 2018. This project is located in the PLO district of the Township.

Penn Medicine at Radnor Financial Subdivision

Plans Prepared By: Pennoni Associates, Inc.

Dated: 08/20/2018

Zoning

1. §280-64.A – Every lot on which a building or combination of building hereafter erected or used shall have a lot area of not less than 10 acres, and such lot shall not be less than 300 feet at the building line. The proposed gross lot area for Lot A is 10.20 Acres and Lot B is 8.51 Acres.
2. §280-64.G(6) – In connection with the development of a mixed use within the PLO District, individual lots may be created for the purposes of financing and/or conveyancing. Such individual lots shall not be required to comply on an individual basis with the dimensional requirement of the article, provided that the site and uses comply with such requirements on an overall basis, and further provided that the deeds conveying separate lots contain covenants requiring the purchasers to, at all times, operate and maintain such lots in good order and repair and in a clean and sanitary condition; that cross-easements for parking areas and all appurtenant ways, pedestrian access, and utilities shall be maintained between such lots; and that such covenants shall be subject to the approval of the Township.



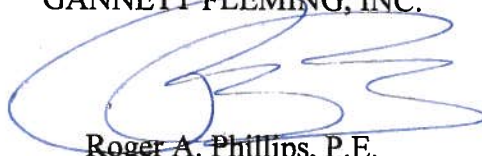
S. Norcini
Penn Medicine at Radnor
October 30, 2018

The purchaser of any such lots shall execute and file with the Township a written covenant agreeing to the forgoing conditions prior to purchasing.

If you have any questions or require any additional information, please contact me.

Very truly yours,

GANNETT FLEMING, INC.



Roger A. Phillips, P.E.
Senior Project Manager



MEMORANDUM

Date: October 26, 2018

To: Steve F. Norcini, P.E.
Radnor Township Engineer

From: Amy Kaminski, P.E., PTOE
Gilmore & Associates, Inc.

cc: Superintendent Christopher Flanagan, Radnor Township Police Department
Kevin Kochanski, ASLA, R.L.A., Director of Community Development
John Rice, Esq. – Grim, Biehn & Thatcher
Roger Phillips, P.E., Senior Associate, Gannett Fleming, Inc.
Damon Drummond, P.E., PTOE, Gilmore & Associates, Inc.
Leslie A. Salsbury, E.I.T., Gilmore & Associates, Inc.

Reference: 145 King of Prussia Road – The University of Pennsylvania Health Systems
Radnor Township Escrow No. 2016-D-04
Financial Subdivision Plan Review
Radnor Township, Delaware County, PA
G&A No. 15-12020

Gilmore & Associates, Inc. (G&A) has completed a transportation review for the above referenced project and offers the following transportation comments for Radnor Township consideration:

I. BACKGROUND

The University of Pennsylvania Health Systems is proposing the re-development of a 26 acre parcel, located at 145 King of Prussia Road, in Radnor Township, Delaware County. The project includes a total proposed gross floor area of 475,000 sf. The proposed development will consist of a 250,000 square foot Mixed Medical Use building with two parking structures (996 and 831 spaces), a four-story 150,000 square foot general office building, a four-story 75,000 square foot (120 room) hotel and an associated 831 space parking garage. The Applicant is proposing a financial subdivision into two lots; Lot A with 10.20 acres and Lot B with 8.51 acres.

II. DOCUMENTS REVIEWED

Financial Subdivision Plan for Penn Medicine at Radnor consisting of 1 sheet, prepared for the University of Pennsylvania Health Systems, prepared by Ballinger Engineering, dated August 20, 2018.

III. ZONING COMMENTS

1. §280-64.G(6) - In connection with development of a mixed use within the PLO District, individual lots may be created for purposes of financing and or

conveyancing. Cross easements for parking areas and all appurtenant ways, pedestrian access, and utilities shall be maintained between such lots. Revise the plan to show all necessary easements including traffic signal, access and utility easements. We note that easements are shown to the northern and southern limits of the property; however, easements specifically related to the financial subdivision shown are not. In addition to the above, revise the plan to clearly show the proposed driveway opposite Raider Road.

If you have any questions regarding the above, please contact this office.

ABK:DAD:las

MARY C. EBERLE
JOHN B. RICE
DIANNE C. MAGEE *
DALE EDWARD CAYA
DAVID P. CARO ♦
DANIEL J. PACI ♦ †
JONATHAN J. REISS ◊
GREGORY E. GRIM †
PETER NELSON *
PATRICK M. ARMSTRONG
SEAN M. GRESH
KELLY L. EBERLE *
JOEL STEINMAN
MATTHEW E. HOOVER
COLBY S. GRIM
MICHAEL K. MARTIN
JULIEANNE E. BATEMAN
MITCHELL H. BAYLARIAN
IAN W. PELTZMAN

* ALSO ADMITTED IN NEW JERSEY
◊ ALSO ADMITTED IN NEW YORK
† MASTERS IN TAXATION
♦ ALSO A CERTIFIED PUBLIC ACCOUNTANT

LAW OFFICES
GRIM, BIEHN & THATCHER

A PROFESSIONAL CORPORATION
SUCCESSOR TO
GRIM & GRIM AND BIEHN & THATCHER
ESTABLISHED 1895 AND 1956,
RESPECTIVELY
123RD ANNIVERSARY 1895-2018

www.grimlaw.com

Mary C. Eberle
e-mail: meberle@grimlaw.com

J. LAWRENCE GRIM, JR., OF COUNSEL
JOHN FREDERIC GRIM, OF COUNSEL

104 S. SIXTH STREET
P.O. BOX 215
PERKASIE, PA. 18944-0215
(215) 257-6811
FAX (215) 257-5374
(215) 536-1200
FAX (215) 538-9588
(215) 348-2199
FAX (215) 348-2520

October 31, 2018

Via Email Only snorcini@radnor.org

Stephen Norcini, P.E.
Radnor Township
301 Iven Avenue
Wayne, PA 19087

RE: Penn Medicine Financial Subdivision

Dear Steve:

The Penn Medicine Financial Subdivision is on the November 5, 2018 Planning Commission agenda for review. The concept of a financial subdivision is new, its origin being in the PLO which was adopted less than a year ago. Section 280-64 of the ordinance sets forth the requirements for a Mixed Use project. Included in that section, at §280-64.G(6) is the following language:

1. Financial Subdivision - In connection with development of a Mixed Use within the PLO District, individual lots may be created for purposes of financing and/or conveyancing. Such individual lots shall not be required to comply on an individual basis with the dimensional requirements of this Article, provided that the site and uses comply with such requirements on an overall basis, and further provided that the deeds conveying such separate lots contain covenants requiring the purchasers to, at all times, operate and maintain such lots in good order and repair and in a clean and sanitary condition; that cross-easements for parking areas and all appurtenant ways, pedestrian access, and utilities shall be maintained between such lots; and that such covenants shall be subject to the approval of the

Township. The purchaser of any such lot shall execute and file with the Township a written covenant agreeing to the forgoing conditions prior to purchasing.

The purpose of the financial subdivision is to allow the ultimate user of a particular building to own, in fee simple, the building and real property under and immediately around the building. It is similar in concept to a condominium plan.


As part of the Planning Commission's review of the Penn Medicine financial subdivision, it would be appropriate to condition any approval on the execution and recording of a Declaration of Covenants, approved by the Township, which establishes cross-easements for parking areas, parking area drive aisles, access ways, pedestrian walkways and access areas, and all utilities. The Declaration of Covenants must also include a requirement that the lots be kept clean and in good repair. Finally, if final plan approval has not been granted for both lots prior to the recording of the Declaration, the Declaration should also include a requirement that no permits will be issued until final plan approval has been secured.

Roger will likely opine on whether the financial subdivision plan is consistent with the approved land development plan. This is a relatively simple matter, but because the ordinance is rather new, some direction seems appropriate.

Please let me know if you have any questions.

Sincerely,

GRIM, BIEHN & THATCHER

By:  _____
Mary C. Eberle

MCE/tgf

cc: John Rice (via email only)
Patricia Sherwin, Radnor Township Engineering Department (via email only)
Roger Phillips, P.E., Gannett Fleming, Inc. (via email only)
Amy Kaminski, P.E., PTOE, Gilmore & Associates, Inc. (via email only)



PENNONI ASSOCIATES INC.
CONSULTING ENGINEERS

One South Church Street

2nd Floor

West Chester, PA 19382

Tel: 610 - 429 - 8907

Fax: 610 - 429 - 8918

LETTER OF TRANSMITTAL

TO: Radnor Township
301 Iven Avenue
Wayne, PA 19087

DATE	08/29/18	JOB NO.	UPHS1504
ATTENTION	Mr. Steve Norcini		
RE:	Penn Medicine at Radnor		

WE ARE SENDING YOU Attached Under separate cover via Hand delivered the following items:

- Shop Drawings Prints Plans Samples Specifications
 Copy of Letter Change Order _____

LIST OF ITEMS TRANSMITTED			
COPIES	DATE	NO:	DESCRIPTION
1	-	-	Application
1	08/23/18	-	Check in amount of \$1,250
8	08/20/18	1	Financial Subdivision Plan
1	-	-	Thumb drive with electronic files

THESE ARE TRANSMITTED as checked below:

For approval Approved as submitted Resubmit _____ copies for approval
 For your use Approved as noted Submit _____ copies for distribution
 As requested Returned for corrections Return _____ corrected prints
 For review and comment _____
 FOR BIDS DUE _____ PRINTS RETURNED AFTER LOAN TO US

REMARKS

COPY TO file

SIGNED: Christopher Poterjoy, PE

If enclosures are not as noted, kindly notify us at once.

DELAWARE COUNTY PLANNING COMMISSION

APPLICATION FOR ACT 247 REVIEW

Incomplete applications will be returned and will not be considered "received" until all required information is provided.

Please type or print legibly

DEVELOPER/APPLICANT

Name The Trustees of the University of Pennsylvania; Attn: Pat Dorris E-mail _____

Address 3400 Spruce Street; Philadelphia, PA 19104 Phone _____

Name of Development Penn Medicine at Radnor

Municipality Radnor Township

ARCHITECT, ENGINEER, OR SURVEYOR

Name of Firm Pennonl Associates Inc. Phone 810-422-2459

Address One South Church St.; 2nd Floor; West Chester, PA 19382

Contact Michael Kissinger E-mail mkissinger@pennonl.com

Type of Review	Plan Status	Utilities		Environmental Characteristics
		Existing	Proposed	
<input type="checkbox"/> Zoning Change	<input type="checkbox"/> Sketch	<input checked="" type="checkbox"/> Public Sewerage	<input type="checkbox"/> Public Sewerage	
<input type="checkbox"/> Land Development	<input checked="" type="checkbox"/> Preliminary	<input type="checkbox"/> Private Sewerage	<input type="checkbox"/> Private Sewerage	<input type="checkbox"/> Wetlands
<input checked="" type="checkbox"/> Subdivision	<input checked="" type="checkbox"/> Final	<input checked="" type="checkbox"/> Public Water	<input type="checkbox"/> Public Water	<input type="checkbox"/> Floodplain
<input type="checkbox"/> PRD	<input type="checkbox"/> Tentative	<input type="checkbox"/> Private Water	<input type="checkbox"/> Private Water	<input type="checkbox"/> Steep Slopes

Zoning District PLO

Tax Map # / /

Tax Folio # 36 / 02 / 01234 / 00

**STATEMENT OF INTENT
WRITING "SEE ATTACHED PLAN" IS NOT ACCEPTABLE.**

Existing and/or Proposed Use of Site/Buildings:

The site contains 3 existing buildings which will be demolished


3 new buildings and 2 new parking structures proposed. A total of 475,000-sf of gross floor area between the 3 buildings. The site is a mixed use with uses including

a Mixed Use Medical Facility, Hotel, and Office.

Total Site Area	18.71	Acres
Size of All Existing Buildings	120,355 (footprint)	Square Feet
Size of All Proposed Buildings	120,105 (footprint)	Square Feet
Size of Buildings to be Demolished	120,355 (footprint)	Square Feet

Patrick Dorris

Print Developer's Name



Developer's Signature

MUNICIPAL SECTION

ALL APPLICATIONS AND THEIR CONTENT ARE A MUNICIPAL RESPONSIBILITY.

Local Planning Commission Regular Meeting _____

Local Governing Body Regular Meeting _____

Municipal request for DCPD staff comments prior to DCPC meeting, to meet municipal meeting date:

Actual Date Needed _____

IMPORTANT: If previously submitted, show assigned DCPD File # _____

Print Name and Title of Designated Municipal Official _____

Phone Number _____

Official's Signature _____

Date _____

FOR DCPD USE ONLY

Review Fee: Check # _____ Amount \$ _____ Date Received _____

Applications with original signatures must be submitted to DCPD.

RADNOR TOWNSHIP
301 IVEN AVE
WAYNE PA 19087
P) 610 688-5600
F) 610 971-0450
WWW.RADNOR.COM

SUBDIVISION ~ LAND DEVELOPMENT

Location of Property 145 King of Prussia Road

Zoning District PLO - Planned Laboratory - Office District Application No. _____
(Twp. Use)

Fee \$1,250.00 Ward No. 2 Is property in HARB District no

Applicant: (Choose one) Owner x Equitable Owner _____

Name Trustees of the University of Pennsylvania Health Systems; Attn: Pat Dorris

Address 3400 Spruce Street; Philadelphia, PA 19104

Telephone _____ Fax _____ Cell _____

Email _____

Designer: (Choose one) Engineer x Surveyor _____

Name Pennoni Associates Inc.; Michael Kissinger

Address One South Church St.; 2nd Floor; West Chester, PA 19382

Telephone (610) 422-2459 Fax (610) 429-8918

Email mkissinger@pennoni.com

Area of property 18.71 Area of disturbance 18.71

Number of proposed buildings 5 Proposed use of property Mixed Use

Number of proposed lots 2

Plan Status: Sketch Plan _____ Preliminary x Final x Revised _____
Are there any requirements of Chapter 255 (SALDO) that are not in compliance with?

Are there any requirements of Chapter 255 (SALDO) not being adhered to?
Explain the reason for noncompliance.

N/A

Are there any infringements of Chapter 280 (Zoning), and if so what and why?
N/A

Individual/Corporation/Partnership Name

I do hereby certify that I am the owner, equitable owner or authorized representative of the property which is the subject of this application.

Signature



Print Name Patrick Dorris

By filing this application, you are hereby granting permission to Township officials to visit the site for review purposes.

NOTE: All requirements of Chapter 255 (Subdivision of Lane) of the Code of the Township of Radnor must be complied with whether or not indicated in this application.

Name and Address of Sender

RADNOR TOWNSHIP
301 IVER AVENUE
WAYNE, PA 19087

Check type of mail or service:

- Certified
- COD
- Delivery Confirmation
- Express Mail
- Insured
- Recorded Delivery (International)
- Registered
- Return Receipt for Merchandise
- Signature Confirmation

Affix (if iss. certifi or for coples Post Date

F

Addressee (Name, Street, City, State, & ZIP Code)

Article Number

Postage

0000

U.S. POSTAGE PAID
SOUTHEASTERN, PA
19089 18
OCT 24 18
AMOUNT
\$15.60
R2305K136938-24

Article Number	Addressee (Name, Street, City, State, & ZIP Code)	Postage	Affix (if iss. certifi or for coples Post Date	F	Delivery Confirmation	Signature Confirmation	Special Handling	Restricted Delivery	Return Receipt
1.	ARCH CARROLL HIGH SCHOOL 1712 SUMMER STREET PHILADELPHIA, PA 19103	.47	.40						
2.	RADNOR RACQUET CLUB 175 KING OF PRUSSIA RD RADNOR, PA 19087								
3.	KADNOK IWNSHIP SCHOOL DISTRICT 135 S WAYNE AVE WAYNE, PA 19087								
4.	PENNDUI 200 RADNOR CHESTER RD ST DAVIDS, PA 19087								
5.	NEFT PAUL E & KATHLEEN M 218 ASHWOOD RD VILLANOVA, PA 19085								
6.	AVEKILL JAMES H 245 ASHWOOD RD VILLANOVA, PA 19085								
7.	LEARY, PAUL K JK AND LEE ANN 217 ASHWOOD RD VILLANOVA, PA 19085								
8.	LOPEZ LOUIS J & LINDALOU J 661 VALERIE RD NEWTOWN SQ, PA 19073								



Handwritten signature

Postmaster, Per (Name of receiving employee)

Total Number of Pieces Listed by Sender **(8)** Total Number of Pieces Received at Post Office

See Privacy Act Statement on Reverse

Complete by Typewriter, Ink, or Ball Point Pen

PS Form 3877, February 2002 (Page 1 of 2)

Name and Address of Sender

Radnor Township
301 Ives Avenue
Wayne, PA 19087

Check type of mail or service:

- Certified
- COD
- Delivery Confirmation
- Express Mail
- Insured
- Recorded Delivery (International)
- Registered
- Return Receipt for Merchandise
- Signature Confirmation

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(If issued as a certificate of mailing, or for additional copies of this bill) Postmark and Date of Receipt

Article Number	Addressee (Name, Street, City, State, & ZIP Code)	Postage	Fee	Handling Charge	Actual Value if Registered	Insured Value	Due Sender if COD	DC Fee	SC Fee	SH Fee	RD Fee	RR Fee
1.	LOPEZ LINDALOU 661 VALERIE RD NEWTOWN SQ, PA 19073 LANDSCAPE DEVELOPMENT LP 1171 LANCASTER AVE BERWYN, PA 19312	.47	.40									
2.	ARCH CARROLL HIGH SCHOOL 222 N 17TH ST PHILADELPHIA, PA 19103											
3.	RADNOR PROPERTIES 201 KOP LP P O BOX 121604 ARLINGTON, TX 76012											
4.	RADNOR FEE OWNER LLC 200 WEST ST - 38th FLOOR NEW YORK, NY 10282											
5.	HUSAR TETYANA A 313 HILLDALE RD VILLANOVA, PA 19085											
6.	NANNOS J CRAIG & AVERILL RAND JARVIS 222 ASHWOOD RD VILLANOVA, PA 19085											
7.	COOLEY MICHAEL J & AMY W 233 ASHWOOD RD VILLANOVA, PA 19085											
8.												

Total Number of Pieces Listed by Sender: 8

Total Number of Pieces Received at Post Office

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Name and Address of Sender

Radnor Township
301 Iven Avenue
Wayne, PA 19087

Check type of mail or service:

- Certified
- COD
- Delivery Confirmation
- Express Mail
- Insured
- Recorded Delivery (International)
- Registered
- Return Receipt for Merchandise
- Signature Confirmation

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Article Number	Addressee (Name, Street, City, State, & ZIP Code)	Postage	Fee	Handling Charge	Actual Value if Registered	Insured Value	Due Sender if COD	DC Fee	SC Fee	SH Fee	RD Fee	RR Fee
1.	ENRICO PARTNERS LP 795 E LANCASTER AVE #200 VILLANOVA, PA 19085	.47	.40									
2.	M'CSHANE BUILDING LP 927 COPPERBEECH WAYNE, PA 19087											
3.	KAMIKEZ ELDA 118 HILLISDE CI VILLANOVA, PA 19085											
4.	LUCCHESE NICHOLAS & MELLYCE A & SCHREINER LINDA 121 HILLSIDE CIR VILLANOVA, PA 19085											
5.	TRUSTEE OF UNIVERSITY OF PENNSYLVANIA 3451 WALNUT ST PHILADELPHIA, PA 19104								Delivery Confirmation	Special Handling	Restricted Delivery	Return Receipt
6.	TRUSTEE OF THE UNIVERSITY OF PENNSYLVANIA 21 PENN TOWER PHILADELPHIA, PA 19104											
7.	RADNOR TWP 301 IVEN AVE WAYNE, PA 19087											
8.												

Total Number of Pieces Listed by Sender

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Name and Address of Sender

Rainor Township
301 Ives Avenue
Wayne, PA 19087

Check type of mail or service:

- Certified
- COD
- Delivery Confirmation
- Express Mail
- Insured
- Recorded Delivery (International)
- Registered
- Return Receipt for Merchandise
- Signature Confirmation

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Article Number	Addressee (Name, Street, City, State, & ZIP Code)	Postage	Fee	Handling Charge	Actual Value if Registered	Insured Value	Due Sender if COD	DC Fee	SC Fee	SH Fee	RD Fee	RR Fee	
1.	HACKE KEITH & KRISTIE 317 HILLDALE RD VILLANOVA, PA 19085	.47	.40										
2.	GURK EMINE G & FAITH S 226 ASHWOOD RD VILLANOVA, PA 19085												
3.	SLATTERY FRANK P JR 217 ASHWOOD RD VILLANOVA, PA 19085												
4.	PENN DOT 200 RADNOR CHESTER ROAD ST DAVIDS, PA 19087												
5.	BERNICKER CHUCK B & MARTHA G 107 HILLSIDE CIR VILLANOVA, PA 19085												
6.	BANSAL HIMANSHU & JINDAL RITU 120 HILLSIDE CIR VILLANOVA, PA 19085												
7.	YOUNG PAMELA L 114 HILLSIDE CIR VILLANOVA, PA 19085												
8.	GIOVANIS GEORGE T & JANE S 109 HILLSIDE CIR VILLANOVA, PA 19085												
Total Number of Pieces Listed by Sender		8											
Total Number of Pieces Received at Post Office													

Postmaster, Per (Name of receiving employee)

See Privacy Act Statement on Reverse

Complete by Typewriter, Ink, or Ball Point Pen

Name and Address of Sender

*RANDOLPH TOWNSHIP
301 Ives Avenue
Wayne, PA 19087*

Check type of mail or service:

- Certified
- COD
- Delivery Confirmation
- Express Mail
- Insured
- Recorded Delivery (International)
- Registered
- Return Receipt for Merchandise
- Signature Confirmation

Affix Stamp Here
(If issued as a certificate of mailing, or for additional copies of this bill)
Postmark and Date of Receipt

Article Number	Addressee (Name, Street, City, State, & ZIP Code)	Postage	Fee	Handling Charge	Actual Value If Registered	Insured Value	Due Sender if COD	DC Fee	SC Fee	SH Fee	RD Fee	RR Fee
1.	BROTHERS OF THE ORDER OF HERMITS OF ST AUGUSTINE 214-238 ASHWOOD ROAD VILLANOVA, PA 19085 502 TOWNSHIP LINE RD LAWYERS LLC P O BOX 428 VILLANOVA, PA 19085 OCONNOR PATRICK J & MARIE M 207 ASHWOOD ROAD VILLANOVA, PA 19085 CHAUDHRI MUHAMMAD N & AFSHAN N 117 HILLSIDE CIR VILLANOVA, PA 19085 AUGUSTINIAN FRIARS 214 ASHWOOD RD VILLANOVA, PA 19085 ENRICO PARTNERS LP 290 KING OF PRUSSIA RD #314 RADNOR, PA 190870190 BARIKOE FAMILY TRUST PO BOX 484 BRYN MAWR, PA 19010 HOLZ NICHOLAS III 210 ASHWOOD RD VILLANOVA, PA 19085	.47	.40					Delivery Confirmation	Signature Confirmation	Special Handling	Restricted Delivery	Return Receipt
2.												
3.												
4.												
5.												
6.												
7.												
8.												

Total Number of Pieces Listed by Sender: 8 Total Number of Pieces Received at Post Office

See Privacy Act Statement on Reverse

SAUL EWING
ARNSTEIN
& LEHR ^{LLP}

David J. Falcone
Phone: (610) 251-5752
Fax: (610) 722-3270
David.Falcone@saul.com
www.saul.com

October 23, 2018

**RE: Penn Medicine at Radnor - 145 King of Prussia Road
Financial Subdivision Plan (#2016-D-04)**

Dear Neighbor:

The Trustees of the University of Pennsylvania Health Systems ("Applicant") have applied to Radnor Township for the approval of a Financial Subdivision Plan (the "Plan") for the property located at 145 King of Prussia Road.

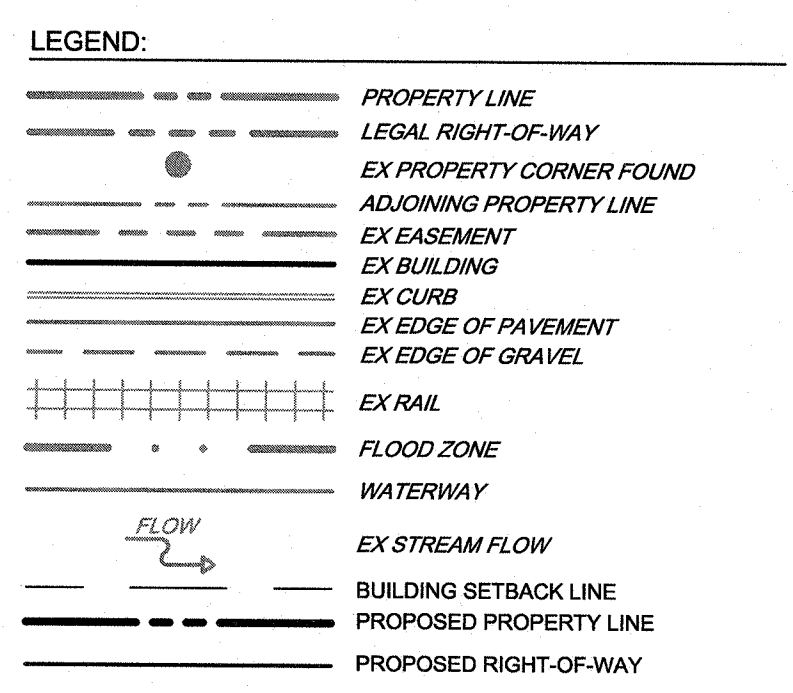
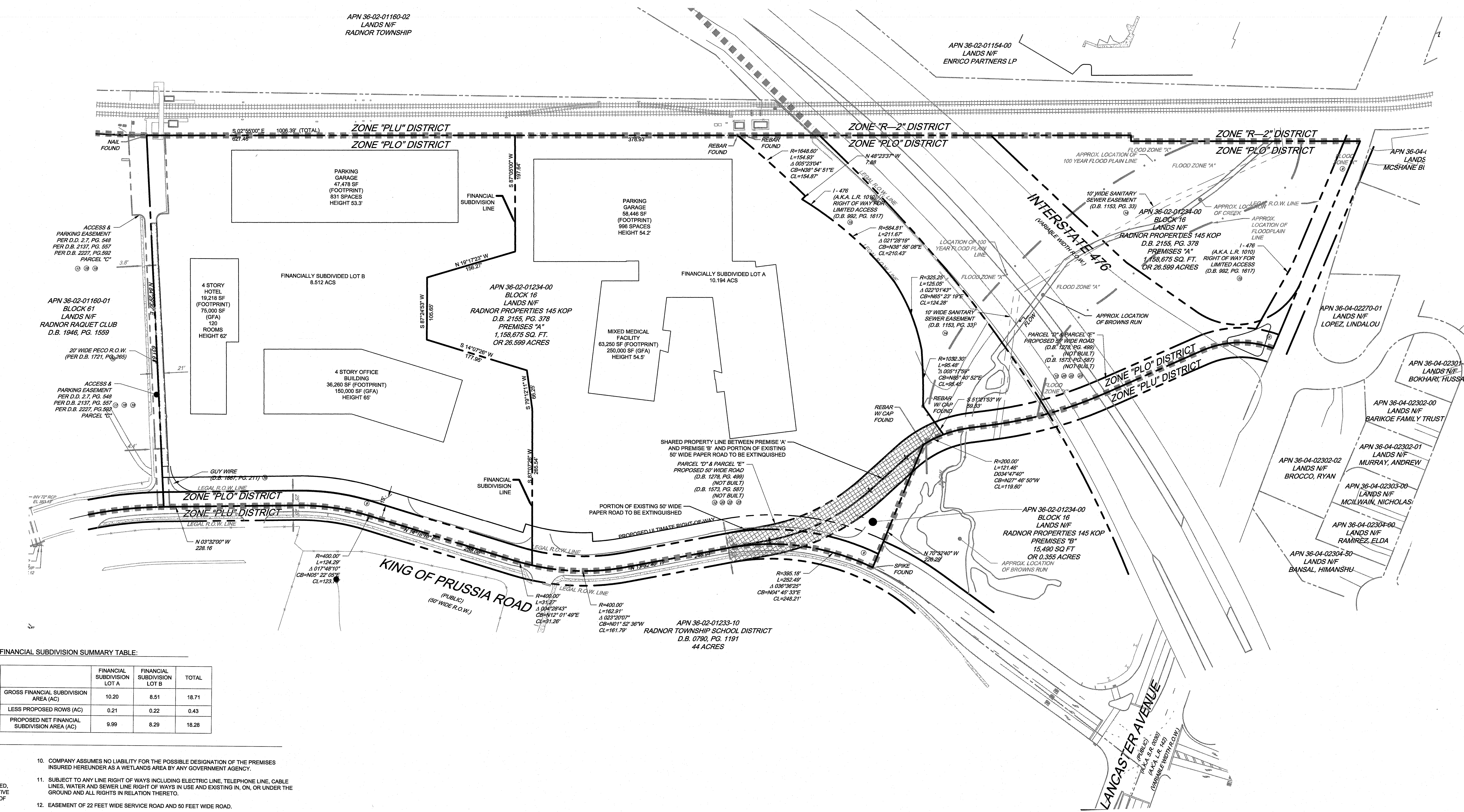
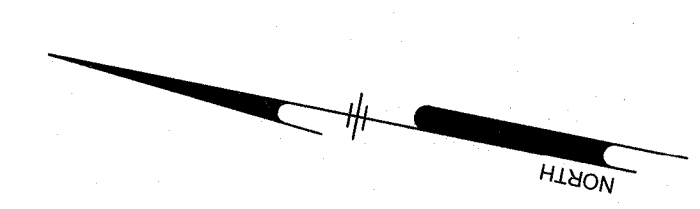
The Plan is available for public viewing in the Radnor Township Engineering Department and will be reviewed by the Radnor Township Planning Commission at their scheduled meeting on **Monday, November 5, 2018**.

The Planning Commission meetings begin at **7:00PM** and are held at the Radnor Township Municipal Building, 301 Iven Avenue, Wayne, PA 19087.

Sincerely,



David J. Falcone
Attorney for Applicant



LOT AREA SUMMARY TABLE

	PREMISE A	PREMISE B	TOTAL
GROSS LOT AREA (AC)	26.60	0.36	26.96
LESS EXISTING ROWS (AC)	8.15	0.10	8.25
EXISTING NET LOT AREA (AC)	18.45	0.26	18.71
LESS PROPOSED ROWS (AC)	-	-	0.43
PROPOSED NET LOT AREA (AC)	-	-	18.28

FINANCIAL SUBDIVISION SUMMARY TABLE

	FINANCIAL SUBDIVISION LOT A	FINANCIAL SUBDIVISION LOT B	TOTAL
GROSS FINANCIAL SUBDIVISION AREA (AC)	10.20	8.51	18.71
LESS PROPOSED ROWS (AC)	0.21	0.22	0.43
PROPOSED NET FINANCIAL SUBDIVISION AREA (AC)	9.99	8.29	18.28

TITLE EXCEPTIONS:

- LAND SERVICES, INC. FILE NO. PA51-18-0600 EFFECTIVE DATE 4/10/2015
- 1. DEFECTS, LIENS, ENCUMBRANCES, ADVERSE CLAIMS OR OTHER MATTERS, IF ANY CREATED, FIRST APPEARING IN THE PUBLIC RECORDS OR ATTACHING SUBSEQUENT TO THE EFFECTIVE DATE HEREOF BUT PRIOR TO THE DATE THE PROPOSED INSURED ACQUIRES FOR VALUE OF COMMITMENT.
- 2. DISCREPANCIES OR CONFLICTS IN BOUNDARY LINES, EASEMENTS, OR AREA CONTENT WHICH A SATISFACTORY SURVEY WOULD CLOSE.
- 3. ANY LIEN OR RIGHT TO ALIEN FOR SERVICES, LABOR OR MATERIALS HERETOFORE OR HEREAFTER FURNISHED, IMPOSED BY LAW AND NOT SHOWN BY PUBLIC RECORDS.
- 4. RIGHTS OR CLAIMS OF PARTIES IN POSSESSION OR UNDER AGREEMENTS OF SALE NOT SHOWN BY PUBLIC RECORDS.
- 5. TAXES OR SPECIAL ASSESSMENTS WHICH ARE NOT SHOWN ON THE PUBLIC RECORD.
- 6. POSSIBLE ADDITIONAL TAX ASSESSMENTS FOR NEW CONSTRUCTION AND OR MAJOR IMPROVEMENTS, NOT YET DUE AND PAYABLE.
- 7. ANY RESERVATION, RESTRICTION, LIMITATIONS, CONDITIONS OR AGREEMENTS SET FORTH IN THE INSTRUMENT BY WHICH TITLE IS VESTED IN THE INSURED.
- 8. SUBJECT TO ALL COAL AND MINING RIGHTS AND ALL RIGHTS RELATING THERETO, THIS DOCUMENT DOES NOT INCLUDE OR INSURE THE TITLE TO THE COAL AND THE RIGHT OF SURFERENCE OF THE LAND DESCRIBED OR REFERRED TO HEREIN AND THE OWNER OR OWNERS OF SUCH COAL MAY HAVE THE COMPLETE AND LEGAL RIGHT TO OF THE LAND AND ANY HOUSE, BUILDING OR OTHER STRUCTURE ON OR IN SUCH LAND. THE INCLUSION OF THIS NOTICE DOES NOT ENLARGE, RESTRICT OR MODIFY ANY LEGAL RIGHTS OR INTERESTS OTHERWISE CREATED, TRANSFERRED, EXCEPTED OR RESERVED BY THIS INSTRUMENT. POLICY DOES NOT INSURE AGAINST SUBSIDENCE.
- 9. EXCEPTING AND RESERVING THAT PORTION OF THE PREMISES LYING IN AND ALONG THE ROADSIDES; SUBJECT TO PUBLIC AND PRIVATE RIGHTS THERETO.

- 10. COMPANY ASSUMES NO LIABILITY FOR THE POSSIBLE DESIGNATION OF THE PREMISES INSURED HEREUNDER AS A WETLANDS AREA BY ANY GOVERNMENT AGENCY.
- 11. SUBJECT TO ANY LIEN RIGHT OF WAYS INCLUDING ELECTRIC LINE, TELEPHONE LINE, CABLE LINE, WATER AND SEWER LINE RIGHT OF WAYS IN USE AND EXISTING IN, ON, OR UNDER THE GROUND AND ALL RIGHTS IN RELATION THERETO.
- 12. EASEMENT OF 22 FEET WIDE SERVICE ROAD AND 50 FEET WIDE ROAD.
- 13. RESERVATIONS AND EASEMENTS AS IN DEED BOOK 1684 PAGE 413.
- 14. RIGHT OF WAY AGREEMENT AS IN DEED BOOK 1153 PAGE 33.
- 15. QUIT CLAIM DEED BY COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF TRANSPORTATION TO WYETH LABORATORIES, INC. AS RECORDED IN VOLUME 969 PAGE 1817 (VACATED RIGHT OF WAY FOR DRIVEWAY RELOCATION).
- 16. RIGHT OF WAY GRANTED TO PHILADELPHIA ELECTRIC COMPANY AS IN DEED BOOK 1721 PAGE 205 AND DEED BOOK 1867 PAGE 511.
- 17. AGREEMENT AS IN DEED BOOK 2137 PAGE 548.
- 18. AGREEMENT AS IN DEED BOOK 2137 PAGE 551.
- 19. AGREEMENT AS IN DEED BOOK 2137 PAGE 592.
- 20. DEED EXTINGUISHING EASEMENT AS IN DEED BOOK 1684 PAGE 444.
- 21. PENNSYLVANIA PUBLIC UTILITY COMMISSION APPLICATION DOCKET NO. 94868 AS IN DEED BOOK 2268 PAGE 411.
- 22. EASEMENT OF ROADWAY AND USE OF SAME AS IN DEED BOOK 1278 PAGE 499.
- 23. RESERVATIONS AND EASEMENTS AS IN DEED BOOK 1573 PAGE 687.
- 24. NOTES, CONDITIONS, SETBACK LINES, EASEMENTS, RESERVATIONS AND RESTRICTIONS RECORDED IN MAP PLANKBOOK NO. 28 PAGE 447.

GENERAL NOTES:

- 1. SITE ADDRESS: 145 KING OF PRUSSIA ROAD RADNOR, PA 19087
- OWNER: THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA HEALTH SYSTEMS 3400 SPRUCE STREET PHILADELPHIA, PA 19104
- APPLICANT: THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA HEALTH SYSTEMS 3400 SPRUCE STREET PHILADELPHIA, PA 19104
- 2. THE PURPOSE OF THIS PLAN IS TO DEPICT A FINANCIAL SUBDIVISION OF THE PROPERTY LOCATED AT 145 KING OF PRUSSIA ROAD IN RADNOR TOWNSHIP, DELAWARE COUNTY, PA.
- 3. THIS SITE IS CURRENTLY ZONED PLO - PLANNED LABORATORY OFFICES DISTRICT BY THE RADNOR TOWNSHIP ZONING MAP FOR COMPLETE ZONING INFORMATION PLEASE REFER TO THE ZONING CODE OF THE RADNOR TOWNSHIP.
- 4. BENCHMARK: THE BENCHMARK FOR THE SITE IS A SANITARY MANHOLE IN KING OF PRUSSIA ROAD TO THE WEST OF THE PROPERTY NEAR THE INTERSECTION WITH RADNOR ROAD WITH A BENCHMARK ELEVATION OF 388.18.
- 5. A FIELD SURVEY ON THE SITE WAS PERFORMED BY PENNON ASSOCIATES, INC. ON MAY 13, 2015. TOPOGRAPHIC FEATURES ARE SHOWN BASED ON THE SURVEY. THE ELEVATIONS SHOWN HEREIN ARE BASED UPON MAY 7, 2007. THE ELEVATIONS SHOWN HEREIN ARE BASED UPON PA STATE PLANE COORDINATE, PA SOUTH NAD83.
- 6. BY GRAPHIC PLOTTING ONLY, SUBJECT PARCEL AREA IS LOCATED IN ZONE X AREAS DETERMINED TO BE OUTSIDE THE 500-YEAR FLOODPLAIN OF THE FLOOD INSURANCE RATE MAP, PANEL NO. 28 OF 250, COMMUNITY MAP NO. 42044C000P, WHICH BEARS AN EFFECTIVE DATE OF NOVEMBER 15, 2009. THE DETERMINING SURVEYING WAS PERFORMED TO DETERMINE THIS ZONE AND AN ELEVATION CERTIFICATE MAY BE NEEDED TO VERIFY THIS DETERMINATION OR APPLY FOR A VARIANCE FROM THE FEDERAL EMERGENCY MANAGEMENT AGENCY.
- 7. UNLESS SPECIFICALLY STATED OR SHOWN HEREON TO THE CONTRARY, THIS SURVEY IS MADE SUBJECT TO AND DOES NOT LOCATE OR DELINEATE:
A. RIGHTS OR INTERESTS OF THE UNITED STATES OF AMERICA OR COMMONWEALTH OF PENNSYLVANIA OVER LANDS NOW OR FORMERLY HELD BY THE UNITED STATES OR PENNSYLVANIA AND EXCLUDE PER RADNOR ZONING ORDINANCE 260-12.1.
- 8. THE LOCATION OF THE EXISTING UNDERGROUND UTILITIES SHOWN ON THIS PLAN HAVE BEEN TAKEN FROM EXISTING UTILITY RECORDS AVAILABLE AT THE TIME THESE PLANS WERE PREPARED AND FROM SURFACE OBSERVATION OF THE SITE.
- 9. COMPLETENESS OR ACCURACY OF LOCATION AND DEPTH OF UNDERGROUND UTILITIES AND STRUCTURES IS NOT GUARANTEED.
- 10. THE CONTRACTOR SHALL VERIFY LOCATIONS AND DEPTHS OF ALL UNDERGROUND UTILITIES AND STRUCTURES BEFORE THE START OF WORK.
- 11. REFERENCE IS MADE TO PENNSYLVANIA ONE CALL SYSTEM, ASSIGNED SERIAL NUMBER 2015290606 IN ACCORDANCE WITH PA ACT 287 OF 1976 AS AMENDED BY PA ACT 101 OF 2008 ENTITLED "UNDERGROUND UTILITY LINE PROTECTION LAW" (89-245-1776)
- 12. IN ACCORDANCE WITH PA ACT 287 OF 1976 AS AMENDED BY PA ACT 101 OF 2008, THE CONTRACTOR SHALL NOTIFY ALL UTILITIES WITHIN THE WORK AREA VIA THE PENNSYLVANIA ONE CALL SYSTEM, INC. (800-441-7788) A MINIMUM OF 3 WORKING DAYS BEFORE THE START OF EXCAVATION.
- 13. THE SITE IS TO BE SERVED BY PUBLIC SEWER AND WATER SERVICE.
- 14. THE ENTIRE TRACT IS LOCATED WITHIN THE BROWNS RUN WATERSHED, WHICH IS CLASSIFIED AS A CATEGORY 1 WATER QUALITY MANAGEMENT PLAN (WQMP) BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION UNDER CHAPTER 93 OF THE PENNSYLVANIA CODE.
- 15. ALL STREAM BEDS WITHIN THE PROPERTY LINES ARE TO BE MAINTAINED AND EXCLUDED PER RADNOR ZONING ORDINANCE 260-12.1.

CERTIFICATE OF REVIEW BY DIRECTOR OF PUBLIC WORKS

REVIEWED BY THE DIRECTOR OF PUBLIC WORKS FOR RADNOR TOWNSHIP.
DIRECTOR OF PUBLIC WORKS
STEPHEN F. HORCINI

ZONING OFFICER
REVIEWED BY THE ZONING OFFICER OF RADNOR TOWNSHIP.
KEVIN KOCHANSKI

RECORDER OF DEEDS
RECORDED IN THE OFFICE OF THE RECORDER OF DEEDS OF DELAWARE COUNTY AT MEDIA, PENNSYLVANIA IN PLAN BOOK _____ PAGE _____ ON THE _____ DAY OF _____, 20____.

RECORDER OF DEEDS

DELAWARE COUNTY PLANNING COMMISSION

THIS PLAN OR AN EARLIER VERSION HEREOF WAS REVIEWED BY THE DELAWARE COUNTY PLANNING COMMISSION ON _____.

SECRETARY

TOWNSHIP ENGINEER'S CERTIFICATION
REVIEWED BY THE TOWNSHIP ENGINEER OF RADNOR TOWNSHIP.
STEPHEN F. HORCINI, P.E.

TOWNSHIP OF RADNOR

I HEREBY CERTIFY THAT THE TOWNSHIP OF RADNOR PLANNING COMMISSION REVIEWED THIS PLAN AND HAS ADOPTED ITS COMMITMENTS TO TOWNSHIP COMMISSIONERS PRIOR TO COUNCIL'S ADOPTION OF RESOLUTION 201_____, WHICH APPROVES THIS PLAN AS A FINAL PLAN PURSUANT TO THE TOWNSHIP'S SUBDIVISION AND LAND DEVELOPMENT ORDINANCE.

KATHY BOGOSIAN
PLANNING COMMISSION CHAIRPERSON

WE HEREBY CERTIFY THAT THE TOWNSHIP COUNCIL OF THE TOWNSHIP OF RADNOR, DELAWARE COUNTY, PENNSYLVANIA, BY ITS RESOLUTION 201_____, HAS ADOPTED, APPROVED, AND AUTHORIZED THIS PLAN AS A FINAL DEVELOPMENT PLAN PURSUANT TO THE TOWNSHIP'S THEN CURRENT SUBDIVISION AND LAND DEVELOPMENT ORDINANCE AND THE PENNSYLVANIA MUNICIPALITIES PLANNING CODE AND THAT THE TOWNSHIP ON _____ HEREBY AUTHORIZES THIS PLAN FOR RECORDING.

ROBERT A. ZENKOWSKI
TOWNSHIP SECRETARY

LISA BORDOWSKI
COUNCIL PRESIDENT

CERTIFICATION OF OWNERSHIP

COMMONWEALTH OF PENNSYLVANIA)
COUNTY OF DELAWARE) S88

BEFORE ME, THE UNDERSIGNED NOTARY PUBLIC, THIS DAY PERSONALLY APPEARED PAT DOBBS, TO ME KNOWN (OR SATISFACTORILY PROVEN), WHO BEING DULY SWORN ACCORDING TO LAW, DEPOSED (AND SAYS):

WHO IS THE AUTHORIZED AGENT OF THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA HEALTH SYSTEMS WHICH IS THE RECORD OWNER OF THE PROPERTY (PROPERTY) TO WHICH THIS PLAN APPLIES AND OF ALL RIGHTS WHICH ARE NECESSARY TO IMPLEMENT THIS PLAN. THE SOURCE OF TITLE TO THE PROPERTY IS THE DEEDS RECORDED WITH THE RECORDER OF DEEDS IN AND FOR DELAWARE COUNTY, PENNSYLVANIA AS FOLLOWS: UNLESS THIS PLAN IS AUTHORIZED BY THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA HEALTH SYSTEMS IT IS NOT TO BE RECORDED WITH THE RECORDER OF DEEDS AND THAT SUCH RECORDING SHALL BE EFFECTIVE FOR ALL PURPOSES, BE IT STATED THAT THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA HEALTH SYSTEMS HAVE AUTHORIZED BY SAID TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA HEALTH SYSTEMS TO MAKE THIS AFFIDAVIT.

ROBIN ROMANELLO
WEST RADNOR TWP CHESTER COUNTY
MY COMMISSION EXPIRES 02-11-2018

SWORN AND SUBSCRIBED TO BEFORE ME
THIS 27th day of August, 2015.

NOTARY PUBLIC

CERTIFICATE OF DESIGN

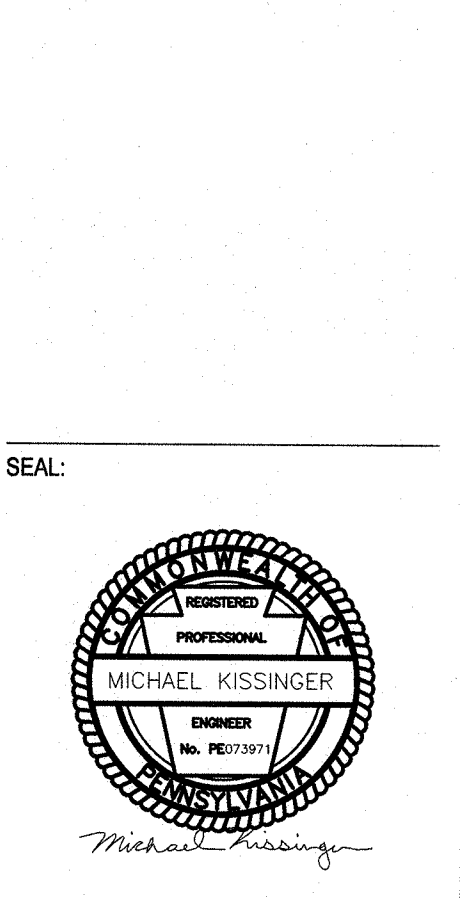
I, MICHAEL ROSSBERG, A PENNSYLVANIA PROFESSIONAL ENGINEER, HEREBY CERTIFY THAT THE SUBDIVISION AND LAND DEVELOPMENT SHOWN HEREON COMPLIES WITH ALL APPLICABLE REGULATIONS INCLUDING BUT NOT LIMITED TO THE BROWNS RUN ZONING AND SUBDIVISION AND LAND DEVELOPMENT REGULATIONS.

MICHAEL ROSSBERG, PE

ROBERT A. ZENKOWSKI
TOWNSHIP SECRETARY

LISA BORDOWSKI
COUNCIL PRESIDENT

KEY PLAN



CONDITION OF USE

WHERE THIS DOCUMENT IS BOUND TO OTHER OWNERS OR INTERESTS IN THE PROPERTY, THE INFORMATION CONTAINED ON THE DOCUMENT IS SUBJECT TO THE COORDINATION OF THE DOCUMENTS. ALL OWNERS AND OTHER BENEFICIARIES OF THE PROPERTY SHALL BE ADVISED OF THE BOUNDING DOCUMENTS AND SHALL BE RESPONSIBLE FOR THE COORDINATION OF THE DOCUMENTS. THE INFORMATION CONTAINED ON THIS DOCUMENT IS NOT TO BE USED FOR ANY OTHER PURPOSES WITHOUT THE WRITTEN CONSENT OF BALLINGER.

01 - ISSUED FOR REVIEW - 08/20/15
DRAWING 15515U

PROJECT: UPHS1504
SCALE: 1"=80'
ARCHITECTURE

FINANCIAL SUBDIVISION

CALL BEFORE YOU DIG
BEFORE YOU DIG ANYWHERE IN PENNSYLVANIA
CALL 1-800-242-4776
PA ACT 287 OF 1976 REQUIRES THREE WORKING DAYS NOTICE TO UTILITIES BEFORE YOU EXCAVATE, DRILL, OR BLAST PENNSYLVANIA ONE-CALL SYSTEM, INC.
SERIAL NUMBER 2015290606-000

SHEET: 01 of 01

V-0801

NOT FOR CONSTRUCTION



RESOLUTION NO. 2018-135
A RESOLUTION OF RADNOR TOWNSHIP, DELAWARE COUNTY,
PENNSYLVANIA, AWARDED GANNETT FLEMING, INCORPORATED, THE
SANITARY SEWER SYSTEM ASSESSMENT PROJECT IN THE AMOUNT OF
\$92,000.

WHEREAS, the Township wishes to assess the sanitary sewer system

WHEREAS, Gannett Fleming, Incorporated has submitted a proposal to provide said assessment

NOW, THEREFORE, be it *RESOLVED* by the Board of Commissioners of Radnor Township does hereby award Gannett Fleming, Incorporated, the Sanitary Sewer System Assessment Project in the Amount of \$92,000.

SO RESOLVED this 10th day of December, A.D., 2018

RADNOR TOWNSHIP

By: _____
Name: Lisa Borowski
Title: President

ATTEST: _____
Robert A. Zienkowski
Manager/Secretary

Radnor Township

PROPOSED LEGISLATION

DATE: December 3, 2018

TO: Radnor Township Board of Commissioners

FROM: Stephen F. Norcini, P.E., Township Engineer *SN*

CC: Robert A. Zienkowski, Township Manager
William M. White, Assistant Township Manager & Finance Director

LEGISLATION: **Resolution #2018-135: Awarding Gannett Fleming, Incorporated, the Sanitary Sewer System Assessment Project in the Amount of \$92,000.**

LEGISLATIVE HISTORY: The Board of Commissioners requested that a proposal be brought before them that would evaluate and quantify costs for the Township's sanitary sewer system.

PURPOSE AND EXPLANATION: The proposal before the Commissioners is a table top evaluation of the piping that comprises the sanitary sewer system. The criteria for pipe replacement will be the age of the pipe, as noted on page two of the proposal. The pumping stations, meter pits, and select pipe runs will be visited for a cursory inspection but will also be evaluated by age. In short, Gannett Fleming will perform the following services:

1. Using Township resources and interviews with staff, develop the inventory of the system.
2. Perform the condition assessment based on the criteria noted
3. Provide a budget level probable replacement cost
4. Update the Township's GIS system with a sanitary sewer layer
5. Present the findings to the Board of Commissioners

The above will provide the first step in assessing the sanitary sewer system. The Commissioners noted when they requested the proposal, that they did not wish to televise the entire system, due to cost. Understanding that the only true way to evaluate a sewer pipe is by televising, I respectfully recommend the Township budget funds to televise ten percent of the system each year. This would allow the costs solely determined by age (as noted in the proposal) to be further refined; although some pipe may be past their useful life on paper, by televising the pipe we can determine if other means (lining, spot repairs, etc.) may be used to address the pipe, as opposed to total replacement. Also, from an asset management standpoint, evaluating the system Township wide on a ten-year basis is a best management practice.

IMPLEMENTATION SCHEDULE: Pending Board of Commissioners approval, a purchase order request will be processed. Upon purchase order approval, Gannett Fleming will be provided a Notice To Proceed, and work will begin immediately.

FISCAL IMPACT: The cost of this project is \$92,000, to be funded by the 02 Sewer Fund.

RECOMMENDED ACTION: *The Engineering Department respectfully requests the Board of Commissioners Award Gannett Fleming, Incorporated, the Sanitary Sewer System Assessment Project in the Amount of \$92,000.*

MOVEMENT OF LEGISLATION: It is being requested the Board of Commissioners authorize the award of this project.



*Excellence Delivered **As Promised***

November 20, 2018

Stephen F. Norcini, P.E.
Township Engineer
Radnor Township
301 Iven Avenue
Wayne, PA 19087

Dear Steve:

Sanitary Sewer System Condition Assessment

Gannett Fleming, Inc. is pleased to submit the following scope of work and cost proposal for providing engineering services regarding a system wide Sanitary Sewer Condition Assessment for the Township's sanitary sewer system. The scope of services is more fully outlined below:

SCOPE OF WORK

The Engineer's Assessment report will document the conditions and estimated replacement cost of construction of Wastewater System assets. The Engineer's Assessment process will include meeting with key Township representatives to identify and confirm specific information needed to support our assessment and to prepare the report.

We will develop the inventory from institutional knowledge, available records, maps, GIS Data, work orders, debt issue closing documents funding construction projects, approved plans, and other sources to provide an inventory and listing. Our report will contain the following:

1. An inventory of the used and useful assets compiled by year of service, developed utilizing the Townships GIS platform and available records.
2. Complete a condition assessment of the identified assets;
3. Determine and/or establish an opinion of probable replacement cost of construction for each asset at a budgetary level with contingencies. Specific detailed construction cost estimates cannot be accurately developed at this level of study detail.

Condition assessment will include available repair records, internal investigation reports, useful life determination and the development of an asset management replacement schedule. Opinions of probable replacement costs will be developed based on useful life and current construction market conditions utilizing industry publications (RS Means, etc.), recent similar projects, and industry trends. Replacement criteria will be developed utilizing industry standard useful life projections. For purposes of this study, Pipeline infrastructure will assume a maximum of 100-year useful life from time of installation for



Ductile or Cast-Iron Pipe, 75 years for PVC Pipe, 50 years for Clay and Asbestos Cement pipe. Pumping Equipment and controls will be based on a 15-year replacement schedule, electrical and control equipment will be based on a 20 to 25-year replacement, and concrete vaults and other facilities being 50- year. These standards will be evaluated and revised based on condition and other criteria developed during the study.

Cursory inspections of all above ground facilities and Pumping Stations will be completed and included in the report. Following the development of the asset inventory, updates to the Township's GIS system will be completed to include the inventory with the Sanitary Sewer map.

COST

The total estimated cost of services for this scope of work will be as follows:

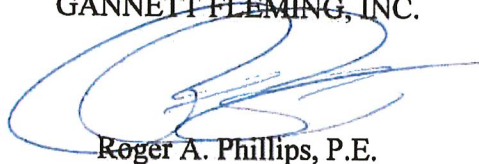
Engineering Services for the Sewer System Evaluation \$92,000.00

Costs provided is not to exceed and is estimated, and additional meetings, presentations, or additional requested out of scope services exceeding the estimated price will be billed in accordance with our current approved rate schedule. Estimated costs will not be exceeded without approval in writing. We are prepared to begin this assignment upon your authorization to proceed and anticipate completion within ninety days of authorization.

We appreciate this opportunity to offer our services. If you have any questions concerning our proposal, please contact me.

Very truly yours,

GANNETT FLEMING, INC.



Roger A. Phillips, P.E.
Senior Associate

RESOLUTION NO. 2018-136
A RESOLUTION OF RADNOR TOWNSHIP, DELAWARE COUNTY,
PENNSYLVANIA, WAIVING 245-22.A(2)(C)[2] – MINIMUM INFILTRATION
REQUIREMENT, OF THE 2005 STORMWATER MANAGEMENT ORDINANCE FOR
GRADING PERMIT #18-178, 108 HARVARD LANE

WHEREAS, Rockwell Bryn Mawr, L.P. wishes to construct improvements to the building lot at 108 Harvard Lane, including a dwelling, associated walkways, pool, and driveway

WHEREAS, soil conditions due not support groundwater recharge

WHEREAS, the Township's Ordinance requires the applicant request a waiver from the Stormwater Management Ordinance in these instances

NOW, THEREFORE, be it *RESOLVED* by the Board of Commissioners of Radnor Township does hereby grant the requested waiver from 245-22.A(2)(C)[2] – minimum infiltration requirement, of the 2005 Stormwater Management Ordinance for Grading Permit #18-176, 108 Harvard Lane

SO RESOLVED this 10th day of December, A.D., 2018

RADNOR TOWNSHIP

By: _____
Name: Lisa Borowski
Title: President

ATTEST: _____
Robert A. Zienkowski
Manager/Secretary

Radnor Township
PROPOSED LEGISLATION

DATE: December 3, 2018
TO: Radnor Township Board of Commissioners
FROM: Stephen F. Norcini, P.E., Township Engineer *SFN*
CC: Robert A. Zienkowski, Township Manager
William M. White, Assistant Township Manager/Finance Director

LEGISLATION: Resolution #2018-136- 108 Harvard Lane - Grading Permit # 18-176 –Requesting a Waiver from 245-22.A(2)(c)[2] – Minimum Infiltration Requirement, of the 2005 Stormwater Management Ordinance

LEGISLATIVE HISTORY: This agenda item has not been before the Board of Commissioners previously.

PURPOSE AND EXPLANATION: The applicant for Grading Permit #2018-176, at the location of 108 Harvard Lane (off of Bryn Maw Avenue) is requesting a waiver from the above referenced Ordinance due to the soils on the property being unable to infiltrate stormwater runoff, and the high-water table level. This is a building lot, and the work proposed under the permit application includes:

1. Proposed house – 3,065 SF of new impervious
 2. Proposed walkways, sidewalks, pool – 799 SF of new impervious
 3. Proposed driveway – 1,440 SF of new impervious
- TOTAL proposed new impervious surface = 5,304 SF

The amount of impervious surface proposed would fall into the category that requires stormwater management (greater than 1,500 SF of new impervious surface.)

When the situation occurs where the soils are not able to infiltrate at the required rate, the applicant is required to appear before the Commissioners to request a waiver. The applicant is proposing to provide two rain gardens to meet water quality and post development peak runoff requirements.

IMPLEMENTATION SCHEDULE: Pending the Board of Commissioners decision: approval, denial, approval with conditions, staff will proceed with issuing the Grading Permit, or the applicant may re-submit the application or not continue with this specific project.

FISCAL IMPACT: There is no fiscal impact to the Township.

RECOMMENDED ACTION: Approval of Resolution #2018-136- 108 Harvard Lane - Grading Permit # 18-176 –Requesting a Waiver from 245-22.A(2)(c)[2] – Minimum Infiltration Requirement, of the 2005 Stormwater Management Ordinance



Gannett Fleming

*Excellence Delivered **As Promised***

Date: November 29, 2018

To: Stephen Norcini, P.E. – Township Engineer

From: Roger Phillips, PE

RE: 108 Harvard Lane – Stormwater Waiver Request
Grading Permit Application – GP 18-176

The applicant has submitted a grading permit for the construction of a 3,065 SF building, 1,440 SF driveway, and 799 SF of walkways and patio including a swimming pool in the rear yard. The applicant is requesting a waiver of §245-22.A(2)(c)[2] of the Township's Stormwater Management Ordinance. The minimum infiltration requirement of 0.50 inches cannot be achieved.

The applicant has performed percolation testing at one (1) location on the site. The required infiltration is not feasible due to the infiltration testing results of 0.05 inches per hour. Additionally, ground water was encountered at a depth of 53 inches from existing grade. The applicant is proposing two rain gardens to provide volume reduction and achieve water quality requirements.

The applicant has requested to appear before the Board of Commissioners to request a waiver from the above-mentioned section of the Ordinance and the implementation of the above mentioned stormwater system.

In addition to the waiver request, the applicant must address the following item(s) prior to the issuance of the Grading Permit:

1. The applicant must address the remaining grading permit review comments per the Gannett Fleming email dated November 28, 2018.

If you have any questions or require any additional information, please contact me.

Very truly yours,

GANNETT FLEMING, INC.

Roger A. Phillips, P.E.
Senior Project Manager



SITE ENGINEERING CONCEPTS, LLC

Consulting Engineering and Land Development Services

November 5, 2018

Board of Commissioners Radnor Township
301 Iven Avenue
Wayne, PA 19087

Re: Section 245-22, Groundwater Recharge Waiver
108 Harvard Lane, Lot 44, Woodlands at Bryn Mawr



Dear Members of the Board:

The Rockwell Bryn Mawr, L.P., respectfully requests a waiver from Section 245-22 of the Township Code requiring groundwater recharge for projects adding new or replacement impervious coverage greater than 500 square feet. As detailed in this request letter, the minimum infiltration requirement of 0.50 inches cannot be achieved and a waiver is sought from the Township in accordance with Section 245-22.A(2)(c)[2].

108 Harvard Road is vacant Lot 44 of the Woodlands II subdivision created in the late 1970's. Only one lot was initially developed (102 Harvard Lane) and the remaining lots have become overgrown with invasive vines and refuse over the last four decades. The current owner, Rockwell Bryn Mawr, L.P., is developing a new family home at 108 Harvard Lane with as shown on the attached plan. The proposed impervious coverage is 5,304 square feet, 22.7%. The Density Modification Development ordinance allows 27%.

Mr. Kevin Sech, P.G., P.E., of HILBEC Engineering, was retained to conduct a soil investigation of the property and surrounding lots, as required by Section 245-22. Mr. Sech evaluated the potential stormwater management areas along Harvard Lane. All test pits on the side south side of the road were similar. Each test pit exhibited redoxymorphic features indicative of a high water table. Mr. Sech concluded either no permeability testing could be conducted per PA DEP guidance due to the restrictive drainage features or the tests did not pass the minimum PA DEP infiltration requirement of 0.1 in/hr. See the soil testing report in the Post Construction Stormwater Management Narrative for 108 Harvard Lane.

In lieu of infiltration facilities, the stormwater management design proposes two rain gardens at 108 Harvard Lane to meet water quality and post development runoff peaks ordinance requirements. The rain gardens were designed using the PA DEP BMP 6.4.11 for slow-release bioretention basins. The proposed rain gardens will provide detention within the above ground basin and slowly infiltrate the runoff through a compost attenuation medium for water quality control. Then infiltrated runoff will discharge through a restriction orifice at a slow rate to Meadowbrook Run in the south edge of the property. Please refer to the engineering details in the Grading Permit Application.

Should the Township have any questions or require additional information, please contact me at pspellman@site-engineers.com or 610.523.9002.

Sincerely,

A handwritten signature in blue ink that appears to read "Patrick Spellman".

Patrick Spellman, P.E.

RDA 11/14

Impervious Surface

Complete the impervious surface table (required).

Location: **108 HARVARD LANE, LOT 44**

Project Description: **SINGLE FAMILY HOME**

Gross Lot Area **23,319** Sq. Ft.

To be Completed by Radnor Township	
Permit Number:	<u>18-176</u>
Submission Date:	<u>11-14-18</u>
Shade Tree Approval Date:	<u>12/4/18</u>
Final Approval Date:	_____
Zoning Approval:	_____
	Zoning Officer
Grading Permit Approval:	_____
	Township Engineer

Complete All Yellow Fields							
Cover Type	Existing Area (square feet)	Percentage of existing impervious surface area of your lot	Area of Impervious Removed (square feet)	Area of Added Impervious Cover (square feet)	Total Area (square feet)	Percentage of total impervious surface of your lot, as proposed	
Building	0		0	3065	3065		
Walkway/sidewalk	0		0	198	198		
Patios, decks	0		0	601	601		
Driveway	0		0	1440	1440		
Other	0		0	0	0		
Total	0		0 %	0	5304		5304

Estimated Cubic Yards of Dirt Involved **1600** Will this fill be taken off site ___ Yes **X** No

Number of trees to be removed (over 6" in diameter) **16** Is Property in Historical District ___ Yes **X** No

Place a check in the box of the Zoning District applicable to your lot. (required)

Zoning Table							
Zoning District	Maximum Impervious Cover (%)		Zoning District	Maximum Impervious Cover (%)		Zoning District	Maximum Impervious Cover (%)
R-1	22		CO 2,3 stories	50		GH_CR	95
R-2	30		C1	60		GH-BC	50
R-3	35		C-2	70		GH-OS	15
R-4	40		C-3	65		WBOD	NA
R-5 Semi/2 family detached	40		PI	45		PB	55
R-5 Multi Dwelling	36		PA	50		PLO	55
R-6	70		GH-N	60		FC	NA
R-IA	30		GH-GA	80		PLU	45

D-M **27%** **X**

TO BE COMPLETED BY APPLICANT

Property Owner(s) **ROCKWELL BRYN MAWR, L.P.**


Address of Property **108 HARVARD LANE, LOT 44, WOODLANDS II**

Phone Number **484-614-5876** Email **CHRISTY@ROCKWELLCUSTOM.COM**

Engineer/Surveyor **PATRICK SPELLMAN, SITE ENGINEERING**

Phone Number **610.523.9002** Email **PSPELLMAN@SITE-ENGINEERING.COM**

The undersigned hereby makes application for a Permit under Chapter 175 and any amendments there of:

Signature of Applicant 

Please note the following requirements:

1. Submit five (5) copies of the plan set with your application
2. Plans are to be no larger than 24" x 36", and shall be folded
3. Shade Tree Commission: If your project meets any of the following requirements, you will be required to attend the Shade Tree Commission Meeting, as well as submit an additional 8 (eight) sets of plans:
 - a. Any clearing activity which proposes the removal of six (6) or more trees with a Diameter at Breast Height (DBH) of 6" or greater
 - b. Grading in excess of 200 cubic yards, excavation in excess of 60 cubic yards
 - c. Grading for parking lots of 5 or more cars
 - d. Removal of a Heritage Tree (30"DBH or greater) in a non-emergency situation.
 - e. Forestry management and practices
 - f. Swimming pool permits
 - g. The Shade Tree Commission shall review, if directed by the Township Engineer, applications submitted to the Township for the following: Demolition permits on any building lot whereby the proposed work may impact or cause the removal of trees; and Commercial tree removal.
4. Stormwater Calculations:
 - a. Replacement of impervious surface is considered "new" impervious
 - b. There is no credit for the removal of impervious surface
 - c. Stormwater calculations are to be based on the total of all added impervious (not the net impervious surface)
 - d. **Minor Grading Permit** (< 500 SF added impervious) – installation of a stormwater BMP is encouraged.
 - e. **Grading Permit** (500 SF – 1,499 SF of added impervious) – groundwater recharge is required.

RESOLUTION NO. 2018-137
A RESOLUTION OF RADNOR TOWNSHIP, DELAWARE COUNTY,
PENNSYLVANIA, WAIVING 245-22.A(2)(C)[2] – MINIMUM INFILTRATION
REQUIREMENT, OF THE 2005 STORMWATER MANAGEMENT ORDINANCE FOR
GRADING PERMIT #18-178, 12 MEADOWOOD ROAD

WHEREAS, Jason and Tara Bacani, owners of 12 Meadowood Road wish to construct improvements to their property adding 735 square feet of new impervious cover

WHEREAS, soil conditions due not support groundwater recharge

WHEREAS, the Township's Ordinance requires the applicant request a waiver from the Stormwater Management Ordinance in these instances

NOW, THEREFORE, be it **RESOLVED** by the Board of Commissioners of Radnor Township does hereby grant the requested waiver from 245-22.A(2)(C)[2] – minimum infiltration requirement, of the 2005 Stormwater Management Ordinance for Grading Permit #18-178, 12 Meadowood Road

SO RESOLVED this 10th day of December, A.D., 2018

RADNOR TOWNSHIP

By: _____
Name: Lisa Borowski
Title: President

ATTEST: _____
Robert A. Zienkowski
Manager/Secretary

Radnor Township

PROPOSED LEGISLATION

DATE: December 3, 2018

TO: Radnor Township Board of Commissioners

FROM: Stephen F. Norcini, P.E., Township Engineer *SFN*

CC: Robert A. Zienkowski, Township Manager
William M. White, Assistant Township Manager/Finance Director

LEGISLATION: Resolution #2018-137- 12 Meadowood Road- Grading Permit # 18-178 –Requesting a Waiver from 245-22.A(2)(c)[2] – Minimum Infiltration Requirement, of the 2005 Stormwater Management Ordinance

LEGISLATIVE HISTORY: This agenda item has not been before the Board of Commissioners previously.

PURPOSE AND EXPLANATION: The applicant for Grading Permit #2018-178, at the location of 12 Meadowood Road is requesting a waiver from the above referenced Ordinance due to the soils on the property being unable to infiltrate stormwater runoff, and the high-water table level. The work proposed under the permit application includes:

1. Shed – 120 SF of new impervious
 2. Driveway Addition – 57 SF of new impervious
 3. Patio – 558 SF of new impervious
- TOTAL proposed new impervious surface = 735 SF

The amount of impervious surface proposed would fall into the category that requires a recharge bed (as opposed to stormwater management).

When the situation occurs where the soils are not able to infiltrate at the required rate, the applicant is required to appear before the Commissioners to request a waiver. The applicant is proposing to provide a fifty-gallon rain barrel in lieu of the recharge bed.

IMPLEMENTATION SCHEDULE: Pending the Board of Commissioners decision: approval, denial, approval with conditions, staff will proceed with issuing the Grading Permit, or the applicant may re-submit the application or not continue with the project.

FISCAL IMPACT: There is no fiscal impact to the Township.

RECOMMENDED ACTION: Approval of Resolution #2018-137- 12 Meadowood Road- Grading Permit # 18-178 –Requesting a Waiver from 245-22.A(2)(c)[2] – Minimum Infiltration Requirement, of the 2005 Stormwater Management Ordinance



Gannett Fleming

*Excellence Delivered **As Promised***

Date: November 29, 2018

To: Stephen Norcini, P.E. – Township Engineer

From: Roger Phillips, PE

RE: 12 Meadowood Road – Stormwater Waiver Request
Grading Permit Application – GP 18-178

The applicant has submitted a grading permit for the construction of a 120 SF shed, 57 SF driveway addition, and 558 SF patio in the rear yard, but outside of the 100-year floodplain. The applicant is requesting a waiver of §245-22.A(2)(c)[2] of the Township's Stormwater Management Ordinance. The minimum infiltration requirement of 0.50 inches cannot be achieved.

The applicant has performed percolation testing at two (2) locations on the site. The required infiltration is not feasible due to the infiltration testing results of 0.01 inches per hour. Additionally, ground water was encountered at a depth of 42 inches from existing grade. The applicant is proposing a 50-gallon rain barrel to provide volume reduction requirements.

The applicant has requested to appear before the Board of Commissioners to request a waiver from the above-mentioned section of the Ordinance and the implementation of the above mentioned stormwater system.

In addition to the waiver request, the applicant must address the following item(s) prior to the issuance of the Grading Permit:

1. The applicant must address the remaining grading permit review comments per the Gannett Fleming email dated November 29, 2018.

If you have any questions or require any additional information, please contact me.

Very truly yours,

GANNETT FLEMING, INC.

Roger A. Phillips, P.E.
Senior Project Manager



SITE ENGINEERING CONCEPTS, LLC
Consulting Engineering and Land Development Services

26 October 2018

Mr. Steve Norcini, P.E.
Township Engineer
Radnor Township
301 Iven Avenue
Wayne, PA 19087

**Re: Section 245-22, Groundwater Recharge Waiver
Grading Permit Application – (500 to 1500sf impervious) Bacani– 12 Meadowood**

Dear Mr. Norcini:

Jason and Tara Bacani respectfully request a waiver from Chapter 245 Section 22 of the Radnor Township Code requiring groundwater recharge for projects adding new or replacement impervious coverage greater than 500 sf. The minimum infiltration requirement of 0.50 inches cannot be achieved and a waiver is sought from the Township in accordance with Chapter 245 Section 22.A(c)[2].

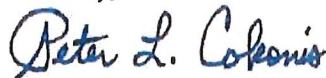
The Bacanis are proposing to add a patio, driveway addition, and shed totaling 735 sf of impervious near and at the rear of their home. Total proposed disturbance is 1400 sf. The property has a calculated FEMA floodplain within 25 ft of the rear of their house and improvements are proposed in this area outside of the floodplain.

Soils evaluation and stormwater infiltration testing was conducted by Mr. Kevin Sech, P.G., P.E. of Hilbech Engineering & Geosciences, LLC. Mr. Sech evaluated and tested 2 areas on either side of the proposed patio and determined that groundwater recharge, in accordance with Township and PADEP guidance, cannot be achieved on this property due to a high water table and clay soils. Areas downhill of the patio are in floodplain and uphill areas are uphill of the house so a system cannot be located there. Soil mapping shows similar soils throughout the 17,007 sf gross property area.

In lieu of groundwater recharge, a rain barrel is proposed to capture roof runoff that can be used for watering plants, washing cars or pets, etc. or slow released to vegetated areas during dry periods for infiltration/evapotranspiration.

Should you have any questions and/or comments, please feel free to contact me.

Sincerely,



Peter L. Cokonis, P.E.

Cc: Roger Phillips, P.E., Gannett Fleming, Inc.

Impervious Surface

Complete the impervious surface table (required).

Location: 12 Meadowood Road

Project Description: patio, drive, shed additions

Gross Lot Area 17,007 Sq. Ft.

To be Completed by Radnor Township	
Permit Number:	<u>18-178</u>
Submission Date:	<u>11/16/18</u>
Shade Tree Approval Date:	_____
Final Approval Date:	_____
Zoning Approval:	_____
	Zoning Officer _____
Grading Permit Approval:	_____
	Township Engineer _____

Complete All Yellow Fields							
Cover Type	Existing Area (square feet)	Percentage of existing impervious surface area of your lot	Area of Impervious Removed (square feet)	Area of Added Impervious Cover (square feet)	Total Area (square feet)	Percentage of total impervious surface of your lot, as proposed	
Building	1575				120		1695
Walkway/sidewalk	203				558		761
Patios, decks							
Driveway	1230				57		1287
Other							
Total	3008		17.7 %		735		3743

Estimated Cubic Yards of Dirt Involved 17 Will this fill be taken off site Yes No

Number of trees to be removed (over 6" in diameter) 1 Is Property in Historical District Yes No

Place a check in the box of the Zoning District applicable to your lot. (required)

Zoning Table								
Zoning District	Maximum Impervious Cover (%)		Zoning District	Maximum Impervious Cover (%)		Zoning District	Maximum Impervious Cover (%)	
R-1	22		CO 2,3 stories	50		GH_CR	95	
R-2	30	<input checked="" type="checkbox"/>	C1	60		GH-BC	50	
R-3	35		C-2	70		GH-OS	15	
R-4	40		C-3	65		WBOD	NA	
R-5 Semi/2 family detached	40		PI	45		PB	55	
R-5 Multi Dwelling	36		PA	50		PLO	55	
R-6	70		GH-N	60		FC	NA	
R-IA	30		GH-GA	80		PLU	45	

- f. **Stormwater Management Permit** (1,500 SF of added impervious or greater)
Stormwater Management required per Ordinance 2005 -11, Stormwater Management Ordinance

Submission Requirements

For all projects:

1. Completed Application
2. Plan requirements
 - a. Scale
 - b. Tree protection fence (if applicable)
 - c. Erosion & Sedimentation Control
 - d. All existing and proposed structures, with dimensions
 - e. All impervious surfaces
 - f. Retaining wall height if over 4' in height (if applicable)
 - g. Location of utilities
 - h. Property lines with metes and bounds
 - i. Location of onsite sewer system (if applicable)
 - j. Trees (if within 25' of construction disturbance)
 - i. Location of all trees over 6" DBH
 - ii. DBH of all trees over 6" DBH
 - iii. Common and Latin name of trees
 - iv. Size and type of compensatory trees (if applicable)

For all projects that have greater than 500 square feet of new or additional impervious coverage, the following is also required:

3. Plan Requirements
 - a. Existing and proposed 2' contours
 - b. Zoning data
 - c. Calculated 100 year flood plain
 - d. Signed and sealed by a Pennsylvania registered Professional Engineer or Land Surveyor
4. Ground water recharge calculations
5. Stormwater Management calculations

TO BE COMPLETED BY APPLICANT

Property Owner(s) Jason R. and Tara R. Bacani

Address of Property 12 Meadowood Rd, Bryn Mawr, PA 19010

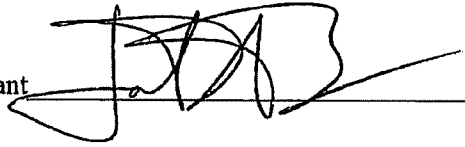
Phone Number 610-608-8733 Email jasonbacanipw@gmail.com

Engineer/Surveyor Site Engineering Concepts LLC

Phone Number 610-240-0450 ext12 Email pcokonis@site-engineers.com

The undersigned hereby makes application for a Permit under Chapter 175 and any amendments there of:

Signature of Applicant



Please note the following requirements:

1. Submit five (5) copies of the plan set with your application
2. Plans are to be no larger than 24" x 36", and shall be folded
3. Shade Tree Commission: If your project meets any of the following requirements, you will be required to attend the Shade Tree Commission Meeting, as well as submit an additional 8 (eight) sets of plans:
 - a. Any clearing activity which proposes the removal of six (6) or more trees with a Diameter at Breast Height (DBH) of 6" or greater
 - b. Grading in excess of 200 cubic yards, excavation in excess of 60 cubic yards
 - c. Grading for parking lots of 5 or more cars
 - d. Removal of a Heritage Tree (30"DBH or greater) in a non-emergency situation.
 - e. Forestry management and practices
 - f. Swimming pool permits
 - g. The Shade Tree Commission shall review, if directed by the Township Engineer, applications submitted to the Township for the following: Demolition permits on any building lot whereby the proposed work may impact or cause the removal of trees; and Commercial tree removal.
4. Stormwater Calculations:
 - a. Replacement of impervious surface is considered "new" impervious
 - b. There is no credit for the removal of impervious surface
 - c. Stormwater calculations are to be based on the total of all added impervious (not the net impervious surface)
 - d. **Minor Grading Permit** (< 500 SF added impervious) – installation of a stormwater BMP is encouraged.
 - e. **Grading Permit** (500 SF – 1,499 SF of added impervious) – groundwater recharge is required.

ORDINANCE NO. 2018 - _____

AN ORDINANCE OF RADNOR TOWNSHIP, DELAWARE COUNTY, PENNSYLVANIA, AMENDING THE TOWNSHIP ZONING ORDINANCE TO REGULATE OUTDOOR LIGHTING, INCLUDING ITS PLACEMENT, TYPE, QUANTITY, INTENSITY AND HOURS OF OPERATION TO PREVENT INEFFICIENT, HAZARDOUS AND NUISANCE LIGHTING.

IT IS HEREBY ORDAINED AND ENACTED by the Board of Commissioner of Radnor Township, Delaware County, Pennsylvania as follows:

SECTION I CHAPTER 188 – LIGHTING

The Radnor Township Code of Ordinances is hereby amended, adding a new Chapter 188 **Lighting** to read as follows:

Chapter 188 Lighting

188-1. Findings, Purpose, and Intent.

1. Adequate and effective lighting of streets, buildings, parking lots and other facilities is important for comfort, safety and commerce. Wasteful, inefficient, or inappropriate lighting, however, is a significant environmental problem. Excessive lighting wastes energy; intrudes upon neighboring properties; is a nuisance to pedestrians, cyclists, and motorists on adjacent roadways; disturbs wildlife habitats; impairs human experience of the night sky; and negatively affects the quality of life of our communities.
2. Through these regulations, the Township wishes to manage outdoor lighting so that its safety, security and economic benefits are maintained while minimizing dangerous glare, energy waste, light pollution and light trespass.
3. The following requirements for outdoor lighting installations promote public safety and welfare during the nighttime while minimizing the adverse effects of glare and light trespass often associated with outdoor lighting. Outdoor lighting should be used only where needed; used only when needed; and only that type of lighting which is necessary and proper should be used. This Ordinance is intended to implement these principles of good lighting design by regulating the shielding, height, illumination levels, and other aspects of outdoor lighting so that Township residents may continue to enjoy the highest quality of life.

188-2. Definitions. Unless specifically defined below, words and phrases used in this Ordinance shall be interpreted to have common English usage, to give effect to the purposes set forth in Subsection 188-1 above, and to provide reasonable application of this Ordinance. As used in this Ordinance, the following terms shall have the meanings indicated, unless a different meaning clearly appears from the context:

1. Candela - The SI unit of luminous intensity. One candela is one lumen per steradian (lm/sr).
2. Candlepower - Luminous intensity expressed in candelas.
3. Cutoff Angle (of a luminaire) - The angle, measured up from nadir, between the vertical axis and the first line of sight at which the bare source is not visible.
4. Direct Light - Light emitted directly from the lamp, off of the reflector or reflector diffuser, or through the refractor or diffuser lens, of a luminaire.
5. Fixture - The assembly that houses the lamp or lamps and can include all or some of the following parts: a housing, a mounting bracket or pole socket, a lamp holder, a ballast, a reflector or mirror, and/or a refractor or lens.
6. Flood or Spot light - Any light fixture or lamp that incorporates a reflector or a refractor to concentrate the light output into a directed beam in a particular direction.
7. Footcandle - A unit of illuminance. One footcandle is one lumen per square foot (lm/ft²).
8. Fully Shielded Lights - Outdoor light fixtures shielded or constructed in such a manner that all light emitted by the fixture, either directly from the lamp or a diffusing element or indirectly by reflection or refraction, is projected below the horizontal plane through the fixture's lowest light-emitting part as certified by a photometric test report.
9. Glare - The sensation produced by luminances within the visual field that is sufficiently greater than the luminance to which the eyes are adapted to cause annoyance, discomfort, or loss in visual performance or visibility.
 - a. Blinding Glare: Glare that is so intense that for an appreciable length of time after it has been removed, no object can be seen.
 - b. Direct Glare: Glare resulting from high luminances or insufficiently shielded light sources in the field of view.

- c. Disability Glare: The effect of stray light in the eye whereby visibility and visual performance are reduced.
 - d. Discomfort Glare: Glare that produces discomfort. It does not necessarily interfere with visual performance or visibility.
 - e. Reflected Glare. Glare resulting from reflections of high luminances in polished or glossy surfaces in the field of view.
10. Height of Luminaire - The height of a luminaire shall be the vertical distance from the ground directly below the centerline of the luminaire to the lowest direct-light-emitting part of the luminaire.
 11. Illuminance - The quantity of light measured in footcandles or lux.
 12. Illumination - An alternative term for illuminance. Commonly used in a qualitative or general sense to designate the act of illuminating or the state of being illuminated.
 13. Indirect Light - Direct light that has been reflected or has scattered off of other surfaces.
 14. Lamp - The component of a luminaire that produces light. A generic term for a man-made source of light, i.e. a light bulb.
 15. Light - Radiant energy that is capable of exciting the retina and producing a visual sensation. The visible portion of the electromagnetic spectrum extends from about 380 to 770 nanometers.
 16. Light Loss Factor (LLF) - The ratio of illuminance for a given area to the value that would occur if lamps operated at their initial rated lumen output and if no system variation or depreciation had occurred.
 17. Light Trespass - The shining of light produced by a luminaire beyond the boundaries of the property on which it is located.
 18. Lumen - A standard unit of luminous flux. Photometrically, it is the luminous flux emitted within a unit solid angle (one steradian) by a point source having a uniform luminous intensity of one candela. One footcandle is one lumen per square foot. For the purposes of this Ordinance, the lumen-output values shall be the initial lumen output ratings of a lamp, as specified by the manufacturer of the lamp.
 19. Luminaire - A complete lighting unit consisting of one or more lamps together with the fixture; other parts designed to control the light distribution; and other mechanical and electrical components.

20. Luminaire, Cutoff - A luminaire whose candlepower per 1000 lumens does not numerically exceed 25 (2.5%) at an angle of 90 above nadir (horizontal), and 100 (10%) at a vertical angle of 80 above nadir.
21. Luminance – The physical and measurable quantity corresponding to the brightness of a surface in a specific area from which light is emitted or reflected (e.g. a lamp, luminaire, reflecting material). Can be measured in candelas per square meter (cd/m²) or luxes.
22. Luminous Flux (radiant flux or power) - The time rate of flow of radiant energy evaluated in terms of a standardized visual response.
23. Luminous Intensity - The luminous flux per unit solid angle in the direction in question. May be expressed in candelas or lumens per steradian (lm/sr).
24. Lux - The standard unit of illuminance. One lux is one lumen per square meter (lm/m²).
25. Nighttime - The hours between the end of evening civil twilight and the beginning of morning civil twilight. Civil twilight ends in the evening when the center of the sun's disk is 6 degrees below the horizon, and begins in the morning when the center of the sun's disk is 6 degrees below the horizon.
26. Outdoor lighting - The nighttime illumination of an outside area or object by any man-made device that produces light by any means.
27. Outdoor Lighting, Temporary – Outdoor lighting that is used for a period of less than seven (7) days, with at least 180 days passing before being used again or used annually for a period of thirty (30) days or less.
28. Steradian (sr. unit of solid angle) – The solid angle subtended at the center of a sphere by an area on the surface of the sphere equal to the square of the sphere radius.

188-3. Applicability. The requirements of this Section shall apply to all outdoor lighting installations as follows:

1. Outdoor lighting installations that are designed, constructed, erected, or otherwise placed into operation after the effective date of this Section.
2. Alterations, rehabilitations, or renovations to existing outdoor lighting installations, which are commenced with after the effective date of this Section.

3. Non-Applicability. The requirements of this Section shall not apply to outdoor lighting installations operating before the effective date of this Section, except for any lighting installation that creates a safety hazard or nuisance as deemed by the Township. Routine maintenance of these pre-existing outdoor lighting installations shall not have to comply with the requirements of this Section. Routine maintenance includes the following:
 - a. Replacement of lamps that are burned-out or inoperative.
 - b. Replacement/repair of damaged or inoperative luminaire components such as ballasts, igniters, lenses, reflectors, refractors, sockets, or photocell controls.
4. Exemptions. The requirements of this Section shall not apply in the following circumstances:
 - a. Where superseded by State or Federal law.
 - b. Temporary emergency lighting used by police, fire, emergency medical services, public works, or other public safety services.
 - c. Hazard/Warning lights required by State or Federal regulations, except that all luminaries used must be red and must be shown to be as close as possible to the minimum lumen output required for that specific task.

188-4. Adoptions by Reference

1. Adoption. Radnor Township hereby adopts, for the purpose of establishing rules and regulations for the construction, alteration, design, layout, installation, and use of outdoor lighting, the specifications laid out in the “IES Lighting Handbook” tenth edition, as amended, published by the Illuminating Engineering Society (“IES”) and hereby incorporates such recommended practices as fully as if set forth at length herein, save and except such portions as are hereinafter deleted, modified or amended. From the date on which this Section shall take effect, the provisions thereof shall be controlling in the design, construction, and operation of all outdoor lighting within Radnor Township.
2. Amendments. The recommended practices of the Lighting Handbook hereby adopted are amended as follows:
 - a. All the recommendations made in the Lighting Handbook shall be considered mandatory requirements. For the purposes of this Ordinance, the words “should”, “may”, “can”, etc. shall be read as “shall” or “must”; the words “recommend” or “recommendation”

shall be read as “require” or “requirement”; the phrase “it is recommended” shall be read as “it is required”; the phrase “it is not recommended” shall be read as “it is prohibited”.

- b. Future amendments to the recommended practices of the Lighting Handbook shall become a part of this Ordinance without further action of the Township.
 - c. Where the Lighting Handbook provides for alternatives, this Ordinance requires that the safest alternative, as determined by the Township, be used.
3. **General Design Requirements.** The design calculations for outdoor lighting installations shall be in accordance with the Lighting Handbook. This includes, but is not limited to, technical definitions, terminology, calculation methods and procedures, photometric classifications, and photometric testing procedures. Illuminance selection should be based on the usage of the area to be illuminated, the level of activity, and nighttime security requirements.
 4. **Illumination Levels.** Illumination shall have intensities and uniformity ratios in accordance with the current recommended practices of IES as contained in the Lighting Handbook.

188-5. General Regulations

1. All outdoor lighting shall be aimed, located, designed, fitted, and maintained so as not to present a hazard to drivers or pedestrians by impairing their ability to safely traverse, (i.e., blinding or disabling glare), and so as not to create a nuisance by projecting or reflecting objectionable light onto a neighboring use or property.
2. Floodlights and spotlights, when permitted, shall be installed and/or aimed so that they do not project their output at neighboring residences, adjacent uses, directly skyward, or onto a roadway.
3. Except as otherwise permitted in this Section, all lighting fixtures shall meet IES full cutoff criteria. No lighting shall be permitted that results in glare beyond an angle of thirty (30) degrees from the vertical plane, measured from the light source or results in glare beyond the property boundaries upon which the luminaire is located.
4. Except as otherwise permitted in this Section, fixtures meeting IES full cutoff criteria shall not be mounted in excess of twenty (20) feet above finished grade. Fixtures not meeting IES “full cutoff” criteria shall not be mounted in excess of sixteen (16) feet above grade. All fixtures used to

illuminate parking areas shall not be mounted in excess of sixteen (16) feet above grade.

5. Fixtures shall be of a type and design appropriate to the lighting application and aesthetically acceptable to the Township. The use of searchlights, flashing strobe lights, and laser lights is prohibited.
6. Unless the Board of Commissioners specifically approves all-night lighting, (e.g., for safety or security), all outdoor lighting shall be controlled by automatic switching devices such as time clocks or combination motion detectors and photocells, to permit extinguishing lighting between 11 p.m. and 7 a.m.
7. Where all-night safety or security lighting is to be provided, the lighting intensity levels shall not exceed 25% of the levels normally permitted by this Ordinance for the use. All-night safety or security lighting includes the following:
 - a. Lighting essential for the deterrence of break-ins. This type of lighting is limited to exterior door locations
 - b. Lighting controlled by motion sensors/detectors. This type of lighting is to be used to deter vandalism and theft and shall be placed in locations where the sensors will not be tripped on a reoccurring basis and shall be installed and/or aimed so that they do not project their output at neighboring residences, adjacent uses, directly skyward or onto a roadway.
 - c. Lighting used in conjunction with surveillance cameras. This type of lighting is limited to illuminating automatic teller machines, deposit boxes, building entrances, and parking lot/driveway entrances. Fixtures used for this type of lighting shall be designed, fitted, and aimed so as not to project their output beyond the objects intended to be illuminated.
8. Vegetation screens shall not be employed to serve as the primary means for controlling glare. Rather glare control shall be achieved primarily through the use of such means as cutoff fixtures, shields and baffles, and appropriate application of fixture mounting height, wattage, aiming angle and fixture placement.
9. Except as otherwise permitted in this Section, the intensity of illumination projected onto any non-residential property from another property shall not exceed 0.2 vertical foot candles, measured at grade at the common property line, and the intensity of illumination projected onto a residential

property from another property shall not exceed 0.1 vertical foot candles, measured at grade at the common property line.

10. Electrical feeds for lighting standards shall be run underground.
11. Lighting standards to the rear of the parking spaces shall be placed a minimum of five (5) feet outside paved areas; on concrete pedestals at least thirty (30) inches above the pavement; or suitably protected by other means approved by the Township.
12. Fixtures and ancillary equipment shall be maintained so as always to meet the requirements of this Section.

188-6. Requirements for Outdoor Area and Roadway Lighting Installations

1. This subsection applies to the following:
 - a. All outdoor lighting installations employed for nighttime area illumination of parking lots, car sales lots, yards, roadways, streets, driveways, walkways, bikeways, cartways, entryways, and similar areas or lots; and
 - b. All outdoor lighting installations on any property within the Township except any lot developed with one single family dwelling or being used as a farm.
2. Use of Cutoff Luminaires Required. All luminaires employed in outdoor area and roadway lighting installations shall be the cutoff luminaire type.
 - a. The candlepower distribution classification of the luminaire as a cutoff type shall be in accordance with the Lighting Handbook. The manufacturer of the luminaire shall provide certification of the cutoff classification based on photometric testing performed in accordance with the Lighting Handbook and the applicable testing procedures referenced therein. The requirement for the use of cutoff luminaire types shall include, but is not limited to, the following outdoor area and roadway lighting configurations:
 - (1) Pole-mounted luminaires.
 - (2) Luminaires mounted on the exterior of buildings and structures.
 - (3) Luminaires mounted on or within exterior canopies of buildings and structures.

- (4) Pedestal- or bollard-mounted luminaires.
 - b. Cutoff luminaires shall be mounted plumb and level in accordance with the intended application of their design. For the purposes of this requirement, the photometric nadir of the luminaire (zero degree vertical angle of the candlepower distribution) shall be oriented plumb and the vertical angle of 90 degrees above nadir (horizontal) shall be oriented level. Cutoff luminaires shall not be installed in a canted or tilted position which permits candlepower distribution above the horizontal.
 - c. Luminaires which do not meet the strict definition for cutoff luminaires, yet employ advanced or alternative technology which causes the photometric performance to approach that of cutoff luminaires, may be approved by the Township, on a case-by-case basis. Such luminaires include, but are not limited to, period-style luminaires with refractive globes and internal cutoff reflectors.
3. Maximum Maintained Illuminance Levels. The maximum maintained illuminance levels permitted at the property line(s) during the nighttime, produced by the sum of all outdoor area lighting installations on a lot, shall be as measured at grade in Horizontal Footcandles or Horizontal Lux according to Table _____.
- a. Exceptions:
 - (1) Outdoor roadway lighting installations intended for the nighttime illumination of public roadways, streets, highways, alleys, cartways, and the like.
 - (2) Designated vehicular, cyclist, and pedestrian entries/exits between properties and public roadways, streets, highways, alleys, cartways, and the like; provided that the excepted area of illumination (maintained illuminance levels at grade higher than permitted in Table _____) is limited to the said property and the adjoining pavement and right-of-way of public roadways, streets, highways, alleys, cartways, and the like. The excepted area of illumination shall not extend beyond fifty (50) feet from the centerline of the designated entry/exit in any direction along the property line(s) of the said property.

4. Table _____.

MAXIMUM MAINTAINED ILLUMINANCE LEVELS PERMITTED AT PROPERTY LINES PRODUCED BY OUTDOOR AREA LIGHTING INSTALLATIONS		
For outdoor area lighting installations to which the requirements of Subsection _____ apply:	Maximum maintained illuminance level permitted at property line measured at grade in Horizontal Footcandles	Maximum maintained illuminance level permitted at property line measured at grade in Horizontal Lux
Outdoor area lighting installation is located on said property and property line adjoins a public roadway or public right-of-way	0.5	5.4
Outdoor area lighting installation is located on said property and property line adjoins a non-residential property	0.2	2.2
Outdoor area lighting installation is located on said property and property line adjoins a residential property	0.1	1.1

5. **Illumination Under Outdoor Canopies.** All outdoor lighting installations which illuminate the area under outdoor canopies shall comply with the requirements of this Subsection. All such canopy lighting shall be accomplished using flat-lens full-cutoff fixtures aimed straight down and shielded in such a manner that the lowest opaque edge of the fixture shall be level with or below the light source. Canopies themselves may not be illuminated, however, with the exception of the portion which is classified as a sign. Outdoor canopies include, but are not limited to, the following applications:
- a. Fuel island canopies associated with service stations and convenience stores.
 - b. Exterior canopies above storefronts in shopping centers and malls.

- c. Exterior canopies above driveways and building entrances.
- d. Pavilions and gazebos.

6. Design Submittal and Approval Requirements. The design for all outdoor area and roadway lighting installations shall be submitted for review and approval by the Township. Such a lighting plan shall conform with the requirements of the Township Subdivision and Land Development Ordinance for lighting plans.

188-7. Outdoor Sports and Recreational Lighting – These regulations apply to all sports and recreational facilities including, but not limited to, ballfields, ballparks, stadiums, tennis courts, basketball courts, soccer fields, recreation fields, swimming pools, skating rinks, golf driving ranges, golf courses, firearm shooting facilities, and the like. Where permitted, the outdoor lighting of sports and recreational facilities shall comply with the following requirements:

- 1. The requirements of this subsection apply to all outdoor lighting installations employed for nighttime area illumination of sports and recreational facilities. All sports and recreational facilities shall be illuminated with the following two systems.
 - a. Performance Area Lighting. This is the lighting directed upon the field, court, rink, etc. to illuminate the sports/recreational activity taking place upon/within that facility. The maximum permitted post height for the Performance Area Lighting is sixty (60) feet. Post height shall be limited to minimum height necessary to meet the Performance Area Lighting needs of that specific sports/recreational use as determined by the Township.
 - b. General Area Lighting. This is a low level lighting system used to facilitate pedestrian circulation, patrons leaving the facility, cleanup, nighttime maintenance, etc. General Area Lighting shall meet all of the requirements for Outdoor Area and Roadway Lighting Installations listed above in Section 188-6.
- 2. Use of Cutoff Luminaires Required. All luminaires employed in outdoor sports and recreational lighting installations shall be the cutoff luminaire type unless the Performance Area Lighting needs of the sports/recreational use cannot be met through the use of cutoff luminaires, as determined by the Township.

3. Use of Glare Shields Required For Non-Cutoff Luminaire Types. Where non-cutoff luminaires such as floodlights must be used to meet the lighting design objectives for the Performance Area Lighting, the luminaires shall be equipped with glare shields, visors, barndoors, and other similar shielding accessories as required to meet the following criteria:
 - a. The candlepower distribution from all lighting installations shall be cut off at and above the horizontal (level).
 - b. To the extent practicable, the candlepower distribution from all lighting installations shall be further cut off at angles below the horizontal (level) to restrict direct illumination to within the Performance Area being illuminated for sports and recreation purposes.
 - c. No direct illumination shall project off the property.
4. Maximum Maintained Illuminance Levels. The maximum maintained illuminance levels permitted at the property line(s) during the nighttime, produced by the sum of all outdoor sports and recreation lighting installations on a lot, shall meet the requirements of Table _____.
5. Design Submittal and Approval Requirements. The design for all outdoor sports and recreation lighting installations shall be submitted for review and approval by the Township.
6. All outdoor sports and recreation lighting shall be extinguished between 9:00 p.m. and 7 a.m. on Sunday through Thursday nights and between 10:00 p.m. and 9 a.m. on Friday and Saturday nights and nights preceding Federal Holidays. In addition, the Performance Area Lighting shall be turned off no more than thirty (30) minutes after the end of the event or use of the sports/recreational facility.
7. Golf driving ranges, golf courses, and firearm shooting facilities shall not be artificially lit and shall not be permitted to operate in the Township during the nighttime hours.

188-8. Requirements for Outdoor Sign Lighting, Outdoor Lighting of Facades of Buildings and Structures, and Outdoor Landscape Lighting

1. Applicability of Requirements. The requirements of this subsection apply to all outdoor lighting installations employed for nighttime illumination of signs, billboards, the facades of buildings and structures, fountains, trees, shrubs, vegetation, and the like.

2. Use of Glare Shields Required For Non-Cutoff Luminaire Types. Where non- cutoff luminaires such as floodlights are used to meet the lighting design objectives for outdoor sign, billboard, façade, and/or landscape lighting, the luminaires shall be equipped with glare shields, visors, barndoors, and other similar shielding accessories as required to ensure that the candlepower distribution from all lighting installations shall be cut off at all angles beyond those required to restrict direct illumination to within the perimeter of the sign or billboard being illuminated.
3. Externally illuminated signs, billboards, and facades shall be lighted by fixtures mounted at the top of the sign and aimed downward.
4. Fixtures used for architectural lighting, e.g., façade, fountain, feature and landscape lighting, shall be designed, fitted and aimed so as not to project their output beyond the objects intended to be illuminated.
5. All outdoor lighting falling under the requirements of this Subsection shall be extinguished between 11:00 p.m. and 7 a.m. This restriction does not apply to non-residential uses that are open between the hours of 11:00 p.m. and 7 a.m., in which case the lighting must be extinguished when the non-residential use is closed.

188-9. Requirements for Residential Outdoor Lighting

1. Applicability of Requirements. The requirements of this subsection apply to all outdoor lighting installations located on residential lots developed with a single family dwelling, a two family dwelling, or a farm.
2. Use of Glare Shields Required For Non-Cutoff Luminaire Types. All non-cutoff luminaires such as floodlights shall be equipped with glare shields, visors, barndoors, and other similar shielding accessories as required to meet the following criteria:
 - a. For area lighting applications, the candlepower distribution from all lighting installations shall be cut off at and above the horizontal (level).
 - b. For all other applications, the candlepower distribution from all lighting installations shall be cut off at all angles beyond those required to restrict direct illumination to within the area or surface being illuminated.

188-10. Temporary Outdoor Lighting

1. Applicability of Requirements. The requirements of this subsection apply to all outdoor lighting installations which are employed on a temporary

basis not exceeding thirty (30) days in duration. Temporary lighting installations include, but are not limited to, seasonal or holiday displays, carnivals, community fairs, traveling circuses, sales/promotional displays, and the like.

2. Use of Glare Shields Required For Non-Cutoff Luminaire Types. All non-cutoff luminaires such as floodlights shall be equipped with glare shields, visors, barndoors, and other similar shielding accessories as required to meet the following criteria:
 - a. The candlepower distribution from all lighting installations shall be cut off at all angles beyond those required to restrict direct illumination to within the perimeter of the area, surface, object, or feature being illuminated.

188-11. Maximum Permitted Illumination.

1. Total outdoor light output for all uses other than single family detached dwellings, two family dwellings, or general agricultural shall not exceed the Lumens/Acre set forth in Table _____. The values in this table are the upper limits. Property owner shall only install those fixtures necessary to meet the minimum outdoor lighting needs of the use.
2. Table _____.

Total Allowed Illumination based on Type of Fixture	Zoning District		
Fully Shielded and Not Fully Shielded	100,000 lm/ac	50,000 lm/ac	10,000 lm/ac
Not Fully Shielded	10,000 lm/ac	10,000 lm/ac	1,000 lm/ac

3. Total outdoor light output for single family detached dwellings, two family dwellings, or general agricultural uses shall not exceed 10,000 total Lumens of fully shielded and not fully shielded lighting or the amount allowed under Table _____, whichever is greater.

188-12. Lighting Plan. Anyone planning to install and/or alter outdoor lighting must submit a lighting plan for the Township's review and approval prior to issuance of a zoning permit and construction of the outdoor lighting installation. The lighting plan must include all the information necessary for the Township to ensure that the outdoor lighting complies with the requirements of this Section.

188-13. Violations and Penalties. Any person, corporation, or organization who violates or permits a violations of this chapter shall, upon being found liable therefore in a civil enforcement proceeding commenced by Radnor Township before a Magisterial District Judge, pay a fine of not more than \$1,000, plus court costs and reasonable attorney fees incurred by Radnor Township in the enforcement of this chapter. Each day of violation shall constitute a separate offense.

Upon notice of a violation, a property owner shall have twenty (20) days to bring its property into compliance before the commencement of a civil enforcement proceeding before a Magisterial District Justice. In addition to the foregoing enforcement actions, Radnor Township may seek any and all legal or equitable relief, including an injunction to enforce compliance with this chapter.

188-14. Abatement of nuisances. In addition to any other remedies provide in this chapter, any unabated violation of this chapter shall constitute a nuisance and shall be abated by Radnor Township through any or all appropriate equitable or legal relief, including the refusal to issue further permits pertaining to the same property determined to be in violation of this Chapter.

SECTION II Repealer. All Ordinances or parts of Ordinances which are inconsistent herewith are hereby repealed.

SECTION III Severability. If any sentence, clause, section or part of this Ordinance is for any reason found to be unconstitutional, illegal or invalid, such unconstitutionality, illegality or invalidity shall not affect or impair any of the remaining provisions, sentences, clauses, sections or part of this Ordinance. It is hereby declared as the intent of the Board of Commissioners of Radnor Township, that this Ordinance would have been adopted had such unconstitutional, illegal or invalid sentence, clause, section or part thereof not been included therein.

SECTION IV Effective Date. This Ordinance shall be effective in accordance with the Radnor Township Home Rule Charter.

ENACTED AND ORDAINED this _____ day of _____, A.D., 2018.

**RADNOR TOWNSHIP
BOARD OF COMMISSIONERS**

Name: Lisa Borowski
Title: President

ZONING HEARING BOARD APPLICATION

TOWNSHIP OF RADNOR

301 IVEN AVENUE

WAYNE, PA 19087

610-688-5600

FAX: 610-971-0450

www.radnor.com

www.radnor.com

TOWNSHIP USE ONLY
APPEAL # _____
FEE: _____
DATE RECEIVED: _____

GENERAL INFORMATION: Applicants are strongly encouraged to review the "Requirements and Information for Appeals to the Zoning Hearing Board" that are attached to the application. Ten (10) copies of this application and required attachments along with an electronic submittal in pdf format (CD or thumb drive) must be filed with the Community Development Department not less than thirty (30) calendar days prior to the hearing. *Incomplete applications will not be accepted for processing.*

REQUIRED FEE DUE AT FILING: Please refer to the Consolidated Fee Schedule, as amended on our website at www.radnor.com for a copy of our current fees.

TYPE OR PRINT

Property Address: Villanova University

Name and address of Applicant: 800 Lancaster Avenue, Villanova, PA 19085

Telephone Number: 610-519-7450 Email: christopher.kovolski@villanova.edu

Property Owner (if different than above): _____

Owner address: _____

Telephone number: _____ Email: _____



Attorney's name: Nicholas J. Caniglia, Esquire

Address: 125 Strafford Avenue, Suite 110, Wayne, PA 19087

Telephone number: 610-688-2626 Email: Nick@piercecanigliataylor.com

Relief requested and/or basis for appearing before the Zoning Hearing Board including *specific citation to any and all sections of the Zoning Code relevant to the appeal. (attach additional pages if necessary)*

Applicant seeks to modify the conditions imposed by the prior decision of the Zoning Hearing Board in Appeal Number 1554 dated November 20, 1980 regarding a grant of relief by the Zoning Board from the height requirements for light standards at the Villanova Football Stadium. Applicant requests that the conditions be modified in order to be consistent with Resolution Number 2006-05 dated February 14, 2006 of the Board of Commissioners. In the alternative, Applicant requests a variance from §280-64E of the Zoning Code, contends that the prior grant of variance did not impose conditions except for the height and number of the light standards, or improperly imposed any other conditions. Applicant further requests such other relief from the Zoning Code consistent with the Exhibits presented.

Description of previous decisions by the Zoning Hearing Board pertinent to the property, or attach copies of decisions: *(attach additional pages if necessary)*

Appeal Number 1554 dated November 20, 1980 (attached as Exhibit A-4 hereto)

Resolution #2006-05 dated February 14, 2006 (attached as Exhibit A-6 hereto)

Brief narrative of improvements: (attach additional pages if necessary)

The Premises is Zoned PI-Planned Institutional. On November 20, 1980 the Zoning Hearing Board, pursuant to Appeal Number 1554 (See, Exhibit A-4), granted Villanova University relief from the then 50' height requirement of the Zoning Code to construct six one-hundred foot tall light standards at the Villanova University Football Stadium. On February 14, 2006 the Board of Commissioners of Radnor Township passed Resolution Number 2006-05 (Exhibit A-6) requiring that the "stadium lights be turned off when the stadium is not in use and the light level be reduced for intramurals to no more than 50 foot candles at midfield after 9 p.m. and tower lights be turned off at midnight." (See A-6, Paragraph number 26). Villanova University uses the stadium lights for varsity sports practices, intercollegiate sporting events, intramurals, ROTC, summer camps, and special events. In further restriction of the Resolution of the Board of Commissioners, in addition to continuing to comply with the Resolution, Applicant has agreed to turn off the tower lights no later than 10:30 p.m.

Christopher Kovolski – Assistant VP of Government Relations & External Affairs of Villanova University will testify regarding the needs of the University, its current conditions, and existing uses.

Robert Morro – VP for Facilities of Villanova University will testify regarding the current conditions.

Representative of Athletic Department will testify regarding the need for the lights.

Applicant reserves the right to call other witnesses at the time of the hearing.

ATTACHMENTS: Ten (10) copies of each and one (1) electronic copy in pdf format (CD or thumb drive) of the following must be provided:

1. **Engineered plan or survey of the property drawn to scale, prepared by a registered architect, engineer or surveyor licensed in Pennsylvania, containing the following information:**
 - a) **lot lines and lot dimensions described in metes and bounds (in feet);**
 - b) **total lot area;**
 - c) **location of easements and rights of way, including ultimate rights of way;**
 - d) **location of all setback lines for existing and proposed structures;**
 - e) **location of steep slopes, floodplains, riparian buffers, wetlands, and other pertinent features;**
 - f) **location of existing and proposed improvements;**
 - g) **table of zoning data including zoning district, required setbacks, existing and proposed building coverage, impervious coverage, height, and other pertinent zoning restrictions, and any degree of compliance or noncompliance; and**
 - h) **all other features or matters pertinent to the application.**

PLANS SHALL NOT EXCEED 24" X 36", AND MUST BE NEATLY FOLDED TO NO GREATER DIMENSION THAN 8 1/2" X 11" AT FILING

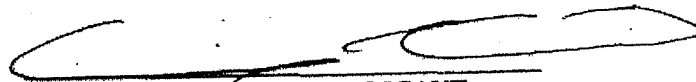
2. **List of witnesses and summary of their testimony attached.**
3. **Photographs of the property at issue and all adjoining properties.**
4. **Copies of any written professional reports, including traffic studies, land planning studies,**

appraisals, floodplain analyses, economic forecasts or other written reports, which the applicant wishes to present at the hearing (*note: the author of the study or a qualified representative of the entity who prepared the study must appear at the meeting and be available for cross-examination*).

5. Copy of deed, lease, agreement of sale, or other authorization to file the appeal. (*note: leases or agreements of sale either must expressly permit the tenant or buyer to file an appeal, or must be accompanied by a letter from the owner clearly authorizing tenant or buyer to file the appeal*).

ADDITIONAL REQUIREMENTS

1. Will this application involve the subdivision of land? Applications that involve the subdivision of land are referred to the Planning Commission for review and recommendation. *Applicants will be notified of the date and time of the Planning Commission meeting*
2. Will briefs or memoranda of law be filed in accordance with requirements of the Zoning Hearing Board? (*note – 10 copies of any brief or memorandum of law to be submitted by the applicant must be received by the Community Development Department no later than 14 days before the hearing*).
3. Will the applicant (or duly authorized officer of the applicant, if applicant is not a natural person) be present at the hearing. If not, then power of attorney, notarized and in recordable form, authorizing the person who will testify on behalf of the applicant, and to bind the applicant in any proceedings of the Board must be presented at or before commencement of the hearing. Attorneys, agents, or other representatives of the applicant may not appear and testify on behalf of the applicant without power of attorney. Forms of power of attorney are available in the Community Development Department. (*note: failure to provide power of attorney will result either in the appeal being continued, or being dismissed, at the discretion of the Board*)



SIGNATURE OF APPLICANT

AN ADDITIONAL FEE OF \$200 SHALL BE CHARGED FOR ANY CONTINUANCE REQUESTED BY THE APPLICANT. THIS FEE SHALL BE PAID PRIOR TO THE RESCHEDULING OF THE HEARING.

12-2-81

RADNOR TOWNSHIP ZONING HEARING BOARD

APPEAL NO. 1554

Appeal of VILLANOVA UNIVERSITY, represented by Thomas P. Witt which alleges that the Zoning Officer has misapplied the provisions of Chapter 135 (Zoning), Code of the Township of Radnor by refusing to allow the erection of six (6) one hundred feet (100') tall light standards claiming that such erection violates Section 135-73D, which limits the height of a structure to fifty feet (50'). In the event the interpretation of the Zoning Officer is upheld a variance from the provisions of Sections 135-73D and 135-73C is requested. The light standards are to be placed at the front and rear of GOODREAU STADIUM, VILLANOVA UNIVERSITY, EAST LANCASTER AVENUE, Zoned Institutional, 7th Ward.

OPINION OF THE ZONING HEARING BOARD

FINDINGS OF FACT

1. Appellant seeks a variance to erect six (6) one hundred feet (100') tall light standards in violation of Sections 135-73C and 135-73D of the Township Code which limit the height of a structure to fifty feet (50').

2. According to the plans presented to the Board and made a part of the record Appellant proposes to install three (3) light standards on the north and south side of the stadium which, in relation to the football field, will be located at each of the five yard lines and at the fifty yard line.

3. According to Appellant's expert lighting engineer the shortest recommended lighting poles for this stadium, commensurate



with the size and scope of the Villanova University athletic program, is one hundred feet (100'). If shorter poles were used there would be more spillage of light into the area surrounding the stadium because the lighting angle would be higher and therefore would dispense the illumination in a manner which would be more detrimental to neighboring properties.

4. The lighting fixture itself has three levels of intensity (30-70-100) and at peak intensity and at the proposed beam angle, (34°), the measure of light two hundred feet from the east end zone of the football field is 0.7 foot candles which would have no detrimental effect on these adjoining properties. By way of comparison, a standard street light emits four (4) foot candles of incandescence.

5. Appellant intends to illuminate the stadium between the hours of 6:00 P.M. - 10:00 P.M. on Monday through Thursday, inclusive, in order to allow the field to be used for soccer, football, field hockey and lacrosse games as well as practice time for varsity sports and track meets. During the summer months and the various vacation periods throughout the academic year the stadium field will not be illuminated.

6. The erection of the proposed light standards will allow expansion of the intramural sports program at the University

and therefore Appellant anticipates minimal increase in use of the stadium to any outside organizations. Thus, there will be no increase in traffic or crowds which might in any way be hazardous to the community.

7. A university of the size, scope and caliber of Villanova cannot maintain a lawful, reasonable, and customary athletic program without extended use of a facility such as a stadium.

8. The premises in question has been occupied for the past 140 years by Villanova University and Goodreau Stadium has been used since 1927. The absence of lights at the stadium creates a hardship, and the authorization of a variance is therefore necessary to enable the reasonable use of the property.

9. The unnecessary hardship has not been created by the Appellant.

10. The grant of a variance to allow installation, erection, maintenance and operation of six one hundred feet tall light standards will not alter the essential character of the neighborhood in which the property is located nor substantially or permanently impair the appropriate use or development of adjacent property. On the contrary the grant of the variance requested will allow the subject premises to be developed and used in a manner consistent with the size, scope and caliber of comparable universities.

11. The grant of the variance requested will represent the minimal deviation which will afford relief, will represent the least modification possible in the Zoning Ordinance and will be in no way injurious to the public health, safety or general welfare of the community.

CONCLUSION OF LAW

Appellant is entitled to variances from Section 135-75C and 135-73D of the Township Code.

ORDER

The order of the Zoning Officer refusing to issue a permit is reversed and an appropriate permit is ordered to be issued to permit the installation, erection, maintenance and operation of six one hundred feet tall light standards in the manner indicated in the testimony and at the precise location indicated on the plans presented to the Board and made a part of the record.

BY ORDER OF THE ZONING HEARING BOARD

/s/ William J. Gleason, Jr., Chairman

/s/ Daniel W. McElwee

DATED: November 20, 1980

Published and mailed December 2, 1980