

**AGENDA
MONTGOMERY TOWNSHIP
BOARD OF SUPERVISORS
JULY 24, 2017**

www.montgomerytwp.org

Robert J. Birch
Candyce Fluehr Chimera
Michael J. Fox
Jeffrey W. McDonnell
Richard E. Miniscalco

Lawrence J. Gregan
Township Manager

ACTION MEETING – 8:00 PM

1. Call to Order by Chairman
2. Pledge of Allegiance
3. Public Comment
4. Announcement of Executive Session
5. Consider Approval of Minutes of July 10, 2017 Meeting
6. Consider Authorization to Advertise for a Public Comment Period and Public Meeting for the NPDES Stormwater Discharges from MS4 Pollutant Reduction Plan for Montgomery (PRP)
7. Consider Approval of Out-of-State Training Request – Police Department
8. Presentation of 2nd Quarter 2017 Budget Report
9. Consider Purchase of Fitness Equipment (Spin Bikes) for Community & Recreation Center
10. Consider Acceptance of Deed of Dedication – LDS#593 Veronica Lane/Indian Lake Circle – Indian Lake Farm Subdivision
11. Consider Payment of Bills
12. Other Business
13. Adjournment

Future Public Hearings/Meetings:

08-02-2017 @7:30pm – Zoning Hearing Board
08-08-2017 @7:30pm – Open Space Committee
08-14-2017 @8:00pm – Board of Supervisors

MONTGOMERY TOWNSHIP BOARD OF SUPERVISORS
BOARD ACTION SUMMARY

SUBJECT: Public Comment

MEETING DATE: July 24, 2017

ITEM NUMBER: #3

MEETING/AGENDA: WORK SESSION

ACTION XX

NONE

REASON FOR CONSIDERATION: Operational: XX Information: Discussion: Policy:

INITIATED BY: Lawrence J. Gregan
Township Manager

BOARD LIAISON: Candyce Fluehr Chimera,
Chairman of the Board of Supervisors



BACKGROUND:

The Chairman needs to remind all individual(s) making a comment that they need to identify themselves by name and address for public record.

The Chairman needs to remind the public about the policy of recording devices. The individual(s) needs to request permission to record the meeting from the Chairman and needs to identify themselves, by name and address for public record.

ZONING, SUBDIVISION OR LAND DEVELOPMENT IMPACT:

None.

PREVIOUS BOARD ACTION:

None.

ALTERNATIVES/OPTIONS:

None.

BUDGET IMPACT:

None.

RECOMMENDATION:

None.

MOTION/RESOLUTION:

None.

DISTRIBUTION: Board of Supervisors, Frank R. Bartle, Esq.

MONTGOMERY TOWNSHIP BOARD OF SUPERVISORS
BOARD ACTION SUMMARY

SUBJECT: Announcement of Executive Session

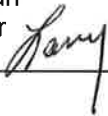
MEETING DATE: July 24, 2017 ITEM NUMBER: #4

MEETING/AGENDA: WORK SESSION ACTION XX NONE

REASON FOR CONSIDERATION: Operational: XX Information: Discussion: Policy:

INITIATED BY: Lawrence J. Gregan
Township Manager

BOARD LIAISON: Candyce Fluehr Chimera,
Chairman of the Board of Supervisors



BACKGROUND:

Frank Bartle will announce that the Board of Supervisors met in Executive Session and will summarize the matters discussed.

ZONING, SUBDIVISION OR LAND DEVELOPMENT IMPACT:

None.

PREVIOUS BOARD ACTION:

None.

ALTERNATIVES/OPTIONS:

None.

BUDGET IMPACT:

None.

RECOMMENDATION:

None.

MOTION/RESOLUTION:

None.

DISTRIBUTION: Board of Supervisors, Frank R. Bartle, Esq.


MONTGOMERY TOWNSHIP BOARD OF SUPERVISORS
BOARD ACTION SUMMARY

SUBJECT: Consider Approval of Minutes for July 10, 2017

MEETING DATE: July 24, 2017 ITEM NUMBER: #5

MEETING/AGENDA: WORK SESSION ACTION XX NONE

REASON FOR CONSIDERATION: Operational: XX Information: Discussion: Policy:

INITIATED BY: Lawrence J. Gregan
Township Manager  BOARD LIAISON: Candyce Fluehr Chimera,
Chairman of the Board of Supervisors

BACKGROUND:

Please contact Deb Rivas on Monday, July 24, 2017 before noon with any changes to the minutes.

ZONING, SUBDIVISION OR LAND DEVELOPMENT IMPACT:

None.

PREVIOUS BOARD ACTION:

None.

ALTERNATIVES/OPTIONS:

None.

BUDGET IMPACT:

None.

RECOMMENDATION:

None.

MOTION/RESOLUTION:

None.

DISTRIBUTION: Board of Supervisors, Frank R. Bartle, Esq.

DRAFT

**MINUTES OF MEETING
MONTGOMERY TOWNSHIP BOARD OF SUPERVISORS
JULY 10, 2017**

At 7:30 p.m. Chairman Candyce Fluehr Chimera called to order an executive session. In attendance were Vice Chairman Robert J. Birch, Supervisors Michael J. Fox, Richard E. Miniscalco and Jeffrey W. McDonnell. Also in attendance were Township Manager Lawrence Gregan and Township Solicitor Frank R. Bartle, Esquire.

Chairman Candyce Fluehr Chimera called the action meeting to order at 8:00 p.m. In attendance were Vice Chairman Robert J. Birch, Supervisors Michael J. Fox, Richard E. Miniscalco and Jeffrey W. McDonnell. Also in attendance were Township Solicitor Frank R. Bartle, Esquire, Township Manager Lawrence Gregan, Police Chief Scott Bendig, Director of Finance Ami Tarburton, Director of Administration and Human Resources Ann Shade, Assistant to the Township Manager Stacy Crandell, Director of Planning Bruce Shoupe, Director of Recreation and Community Center Floyd Shaffer, Director of Information Technology Richard Grier, Public Information Coordinator Kelsey Whalen and Recording Secretary Deborah Rivas.

Following the Pledge of Allegiance, Chairman Candyce Fluehr Chimera called for public comment from the audience.

Cliff Fitzgerald of 601 Ellison Drive stated that the residents have seen some good work being performed on the streets in the Montgomery Pointe development and he thanked the Board of Supervisors for their efforts getting this project completed. Mr. Fitzgerald inquired about the status/timetable for completion of the rest of the required improvements and also asked about the work started several weeks ago on the streetlights on Enclave Boulevard. Township Manager Lawrence J. Gregan reported that the developer is concentrating on the punch list of work needed for final paving of the roads which is underway. Remaining improvements will include a walking trail, concrete work and landscaping. He also explained that the developer's contractor started the work on the street lights on Enclave Boulevard, but failed to coordinate with the Township's street light engineer. As a result, the contractor

installed incorrect materials for the underground electrical wires. The work was stopped and the contractor is scheduled to restart the work with the correct conduit material. The contractor had dug a trench on the corner and left it open. Mr. Fitzgerald asked about a timeline on this work. Mr. Gregan reported that he was not able to give a specific timeline, but they are dealing with the developer's representative on an almost daily basis. Mr. Fitzgerald asked that the updated punch lists be sent to the property manager.

Solicitor Frank R. Bartle, Esquire announced that the Board had met in an Executive Session prior to this meeting to discuss three matters of potential litigation. One matter of litigation was the Marvin Cohen zoning decision and appeal. This was a matter that was a decision of the Court of Common Pleas of Montgomery County. The second matter of litigation was the Mirabella matter which is in the United States Federal Court of Appeals, Third Circuit. This matter was remanded to the Federal District Court for the Eastern District and the matter is now dismissed and successfully concluded in the favor of the Township. Mr. Bartle stated that these matters are legitimate subjects of executive session pursuant to Pennsylvania's Sunshine Law.

Chairman Candyce Fluehr Chimera made a motion to approve the minutes of the June 26, 2017 Board of Supervisors meeting, and Vice Chairman Robert J. Birch seconded the motion. The minutes of the meeting were unanimously approved as submitted.

Assistant to the Township Manager Stacy Crandell introduced Sarah Whetstone, Executive Director of the PEAK Center and announced that the Board would be presenting a donation check in the amount of \$3,000 to the PEAK Center. Ms. Whetstone provided a brief explanation of the services that are provided to the senior members of the Township's community and thanked the Board of Supervisors for their donation.

Director of Recreation and Community Center Floyd Shaffer reported that on April 24, 2016 Robert Braxton III (Robby) tragically lost his life. Robby's many friends and family have organized the 1st Annual Robby Braxton Basketball Classic to be held on Saturday, July 15,

2017 at the Montgomery Township Community and Recreation Center. The adult basketball tournament is designed to celebrate Robby's life, his passion for the sport of basketball, and ultimately bring the Community together for an entire day of positive social interaction and enjoyment. The Township has received a request to waive the rental fees of the full gymnasium at the Community and Recreation Center for this event. The approximate rental fee for 8 hours of usage would be \$1,600. Resolution #1 made by Supervisor Michael J. Fox, seconded by Supervisor Richard E. Miniscalco and adopted unanimously, approve the waiving of all fees associated with the first Annual Robby Braxton Basketball Classic to be held on July 15, 2017.

Director of Administration and Human Resources Ann Shade reported that the Mobile Communications Devices Policy is being presented for consideration for approval by the Board of Supervisors. Mobile communications devices have become increasingly critical for use in the workplace and a formal policy for issuing and using mobile communications devices is necessary to ensure that proper use is sustained while conducting official Township business without compromising the security of official communications and documents. This policy details the process for authorizing requests for mobile communications devices and informs the user of the rules and guidelines associated with being assigned a device. Resolution #2 made by Supervisor Robert J. Birch, seconded by Supervisor Michael J. Fox and adopted unanimously, approved the Mobile Communications Devices Policy for distribution to employees and inclusion in the Montgomery Township Employee Handbook and Police Department Standard Operating Procedures.

Director of Planning and Zoning Bruce Shoupe reported that in the past, it has been the policy of the Board of Supervisors to waive nominal value permit fees for non-profit and religious organizations. The Township has received a request from Mary Mother of the Redeemer Catholic Church to waive the building permit fee for the accessible ramp for the school. The amount of the fees would be \$154.00. Resolution #3 made by Supervisor Michael J. Fox, seconded by Vice Chairman Robert J. Birch and adopted unanimously, approved the request by

Mary Mother of the Redeemer Catholic Church to waive the building permit fees of \$154.00 associated with the accessible ramp at the school.

Township Manager Lawrence J. Gregan reported that the 2017 budget for the Department of Fire Services includes funding to purchase additional personal protective equipment for the part-time firefighting staff. Quotes have been obtained from Municipal Emergency Services, an authorized vendor under the Co-Stars Cooperative Purchase Program to provide the requested equipment at a cost of \$14,826.92. The equipment meets the specifications prepared by the Department of Fire Services and is compatible with other personal protective gear in service in the department. Resolution #4 made by Supervisor Richard E. Miniscalco, seconded by Vice Chairman Robert J. Birch and adopted unanimously, approved the purchase of the personal protective equipment for the part time firefighting staff from Municipal Emergency Services at a cost of \$14,826.92.

A motion to approve the payment of bills was made by Chairman Candyce Fluehr Chimera, seconded by Supervisor Michael J. Fox, and adopted unanimously, approved the payment of bills as submitted.

Under other business, Chairman Candyce Fluehr Chimera recognized Boy Scout Sean O'Gara who was present at the meeting working on earning his Citizenship badge.

There being no further business to come before the Board, the meeting adjourned at 8:19 p.m.

MONTGOMERY TOWNSHIP BOARD OF SUPERVISORS
BOARD ACTION SUMMARY

SUBJECT: Consider Authorization to Advertise for a Public Comment Period and Public Meeting for the NPDES Stormwater Discharges from MS4 Pollutant Reduction Plan for Montgomery (PRP)

MEETING DATE: July 24, 2017 ITEM NUMBER:

MEETING/AGENDA: ACTION NONE #6

REASON FOR CONSIDERATION: Operational: Policy: Discussion: xx Information:

INITIATED BY: Stacy Crandell BOARD LIAISON: Candyce Fluehr Chimera
Assistant to the Township Manager  Chairman, Board of Supervisors

BACKGROUND:

The next step for the Township in preparation of the Notice of Intent (NOI) for the Township's new NPDES MS4 Permit, is to hold a public comment period and public meeting for the NPDES Stormwater Discharges from the MS4 Pollutant Reduction Plan (PRP) for the Township.

The PRP outlines the measures the Township intends to implement to reduce certain pollutants discharged from the Township storm sewer system (MS4). The PRP is based upon and is intended to supplement the Township MS4 TMDL Strategy submitted to PADEP in 2015. The PRP includes a summary of the existing loading of the pollutants of concern, a calculation of the minimum reduction required, and a selection of potential Best Management Practices (BMPs) intended to achieve the minimum required reduction. The Township is soliciting written comments on the PRP.

Interested persons may submit written comments during the thirty (30) day period of July 31 through August 30, 2017. Written and verbal comments will be accepted at the public meeting scheduled at 8PM on August 28, 2017 (same night as regular BOS meeting) at the Township office address.

Jim Dougherty from Gilmore and Associates is here to discuss the PRP as well as the next steps.

ZONING, SUBDIVISION OR LAND DEVELOPMENT IMPACT:

None.

PREVIOUS BOARD ACTION:

On February 13, 2017, the Board of Supervisors approved the proposal of professional services from Gilmore and Associates for the MS4 Outfall Screening to not to exceed \$11,300.

On March 27, 2017, the Board of Supervisors approved the proposal for professional services for preparation of the Notice of Intent for the New NPDES MS4 Permit to not to exceed \$45,000.

ALTERNATIVES/OPTIONS:

None.

BUDGET IMPACT:

The Township has budgeted \$50,000 in Engineering Services for the PRP/TMDL Strategy.

RECOMMENDATION:

Township Staff recommends the authorization to advertise the public hearing on the Pollutant Reduction

Plan for the Township in preparation of the Notice of Intent for the Township's new NPDES MS4 Permit.

MOTION/RESOLUTION:

BE IT RESOLVED by the Board of Supervisors of Montgomery Township that we hereby authorize the Township Manager to advertise the public comment period and public meeting for the NPDES Stormwater Discharges from the MS4 Pollutant Reduction Plan, which will be held on Monday, August 28, 2017 after 8PM.

MOTION: _____ SECOND: _____

ROLL CALL:

Robert J. Birch	Aye	Opposed	Abstain	Absent
Michael J. Fox	Aye	Opposed	Abstain	Absent
Jeffrey W. McDonnell	Aye	Opposed	Abstain	Absent
Richard E. Miniscalco	Aye	Opposed	Abstain	Absent
Candyce Fluehr Chimera	Aye	Opposed	Abstain	Absent

DISTRIBUTION: Board of Supervisors, Frank R. Bartle, Esq.

LEGAL NOTICE

NOTICE OF PUBLIC COMMENT PERIOD AND PUBLIC MEETING for the **NPDES Stormwater Discharges from MS4 Pollutant Reduction Plan for Montgomery** (PRP). The PRP outlines the measures the Township intends to implement to reduce certain pollutants discharged from the Township storm sewer system (MS4). The PRP is based upon and is intended to supplement the Township MS4 TMDL Strategy submitted to PADEP in 2015. The PRP includes a summary of the existing loading of the pollutants of concern, a calculation of the minimum reduction required, and a selection of potential Best Management Practices (BMPs) intended to achieve the minimum required reduction. The Township is soliciting written comments on the PRP. Interested persons may submit written comments during the thirty (30) day period of July 31 through August 30, 2017. The document may be reviewed at the Township office address below weekdays between the hours of 9AM and 4PM during the comment period. The document is also available for review on the Township website (www.montgomerytwp.org). Written and verbal comments will be accepted at the public meeting scheduled at 8PM on August 28, 2017 (same night as regular BOS meeting) at the Township office address below. Comments must be submitted in writing to the attention of the Township Manager at the Township office address below or by email (lgregan@montgomerytwp.org). Comments submitted by facsimile will not be accepted. Comments, including comments submitted by email, must include the originator's name and address.

All regular meetings and work sessions of the Board will be in the Township Administration Building and are open to the public, pursuant to Section 704 of the Sunshine Act (65 Pa. C.S. §701, et seq.) At any regular meetings and work sessions of the Board, deliberation and official action may be taken on any item properly before the Board. All interested citizens of Montgomery Township may attend this meeting and will be given the opportunity to be heard at the appropriate time. Persons with disabilities, wishing to attend the Public Hearing and requiring auxiliary aid, service or other accommodations to participate, should contact the Montgomery Township Director of Administration and Human Resources at 215-393-6900.

MONTGOMERY TOWNSHIP BOARD OF SUPERVISORS
1001 Stump Road, Montgomeryville, PA 18936
Lawrence J. Gregan, Township Manager

**NPDES Stormwater Discharges from MS4
Pollutant Reduction Plan
for
Montgomery Township
Montgomery County, Pennsylvania**

September 2017

Prepared For:

Montgomery Township
1001 Stump Road
Montgomeryville, PA 18936
(215) 393-6900

Prepared By:

Gilmore & Associates, Inc.
Engineers ♦ Land Surveyors ♦ Planners ♦ GIS Consultants
65 E. Butler Avenue, Suite 100
New Britain, PA 18901
215 345-4330



**MS4 Pollutant Reduction Plan
for
Montgomery Township
Montgomery County, Pennsylvania**

Table of Contents

A.	Public Participation	2
B.	Map	3
C.	Pollutants of Concern	4
D.	Determine Existing Loading for Pollutants of Concern	5
E.	Select BMPs to Achieve the Minimum Required Reductions in Pollutant Loading	6
F.	Identify Funding Mechanism(s).....	8
G.	Identify Responsible Parties for Operation and Maintenance (O&M) of BMPs	8
H.	General Information	9

List of Tables

Table D-1: Summary of Areas.....	5
Table E-1: Summary of BMPs.....	7
Table E-2: MS4 PRP Strategy Summary for Neshaminy Creek Storm Sewershed	7
Table E-3: MS4 PRP Strategy Summary for Wissahickon Creek Storm Sewershed	8
Table G-1: Operation and Maintenance of BMPs.....	9

Appendices

Appendix A	<i>MS4 Requirements Table</i> Applicable portion of the MS4 Requirements Table (Municipal) Anticipated Obligations for Subsequent NPDES Permit Term
Appendix B	<i>Public Participation</i> Appendix B-1: Public Notice & Proof of Advertisement Appendix B-2: Public Comments Received Appendix B-3: Public Meeting Agenda and Meeting Minutes Appendix B-4: Record of Consideration
Appendix C	<i>Maps</i> Appendix C-1: Watershed Map Drawing A-1 Appendix C-2: Basin Location Map
Appendix D	<i>Existing Loading for Pollutants of Concern</i> Appendix D-1: EMC Table Appendix D-2: ROW Calculations
Appendix E	<i>Loading Reduction Calculations</i> Appendix E-1: Existing Naturalized Basins Loading Reduction Calculations Appendix E-2: Proposed Naturalized Basins Loading Reduction Calculations

Montgomery Township, Montgomery County (Municipality) is submitting this Pollutant Reduction Plan (PRP) in accordance with the requirements of *Individual Permit PAG-13 for Stormwater Discharges from Small Municipal Separate Storm Sewer Systems (MS4)*; specifically, in accordance with the *MS4 Requirements Table (Municipal) Anticipated Obligations for Subsequent NPDES Permit Term*. The Municipality must create a PRP due to discharges from their MS4 to the Park Creek, Neshaminy Creek, Wissahickon Creek, Warrington Lake, Little Neshaminy Creek, West Branch Neshaminy Creek, and Trewellyn Creek watersheds, which have been listed as impaired for sediment, nutrients, pathogens, PCBs, organic enrichment/low D.O., and excessive algal growth. The United States Environmental Protection Agency (EPA) approved Total Maximum Daily Load (TMDL) plans for sediment in 2003 for the Neshaminy Creek and Wissahickon Creek (see Appendix A). A TMDL strategy was submitted to the Pennsylvania Department of Environmental Protection for review and approval in December 2015. Comments have yet to be received. This PRP is a supplement to the MS4 TMDL Strategy for Montgomery Township submitted in December 2015.

The intent of this MS4 PRP is to establish the existing loading of pollutants discharged from the MS4 to the Neshaminy Creek and Wissahickon Creek watersheds, and to present a plan to reduce these pollutants. This MS4 PRP is organized to follow the "Required PRP Elements" presented in the PRP Instructions included as part of the *PAG-13 MS4 General Permit* instruction package. This PRP will be evaluated and updated by the Municipality on an as-needed basis, based on its effectiveness in reducing pollutant loads in discharges from the regulated small MS4. If this occurs, the Municipality will work with the Pennsylvania Department of Environmental Protection (PADEP) for review and approval of any revisions or updates.

Each MS4 PRP must include the following Required PRP Elements:

Section A: Public Participation

Section B: Map

Section C: Pollutants of Concern

Section D: Determine Existing Loading for Pollutants of Concern

Section E: Select BMPs to Achieve the Minimum Required Reductions in Pollutant Loading

Section F: Identify Funding Mechanisms

Section G: Identify Responsible Parties for Operation and Maintenance (O&M) of BMPs

A. Public Participation

As part of the preparation of this MS4 PRP, public participation is required. The MS4 shall complete the public participation measures listed below, and report in the PRP that each was completed:

- A complete copy of the PRP shall be available for public review.
- The applicant shall publish, in a newspaper of general circulation in the area, a public notice containing a statement describing the plan, where it may be reviewed by the public, and the length of time the permittee will provide for the receipt of comments. The public notice must be published at least 45 days prior to the deadline for submission of the PRP to DEP. **(Public Notice Attached)**
- The applicant shall accept written comments for a minimum of 30 days from the date of public notice. **(Public comments will be attached to the PRP submitted to PADEP)**
- The applicant shall accept comments from any interested member of the public at a public meeting or hearing, which may include a regularly scheduled meeting of the governing body of the municipality or municipal authority that is the permittee.
- The applicant shall consider and make a record of the consideration of each timely comment received from the public during the public comment period concerning the plan, identifying any changes made to the plan in response to the comment. **(Comment response document will be attached to the PRP submitted to PADEP)**

All required documentation of public participation, as outlined above, is included as Appendix B.

- Date PRP public notice was published in newspaper: July 31, 2017
- Date PRP was made available for public review/comment: July 31, 2017
- End date for receipt of written comments (30 days from the date of public notice): August 30, 2017
- Date PRP listed on the public meeting agenda: July 24, 2017
- Date PRP comments were accepted at a public meeting: August 28, 2017

B. Map

Mapping is an integral part of developing the PRP and requires a level of detail suitable to determine the existing land uses, impervious/pervious surface coverages, topography and loading for the sediment. The MS4 PRP map shall show land uses and / or impervious / pervious surfaces and the storm sewershed boundary. The MS4 PRP map(s) shall also show the proposed locations of structural BMPs that will be implemented to achieve the required pollutant load reductions. The storm sewershed boundary shown on the Municipality MS4 PRP Maps constitute the storm sewershed to each of the MS4 outfalls within the MS4's jurisdiction that discharge to the Neshaminy Creek and Wissahickon Creek watersheds.

The Municipality MS4 PRP Maps are the same maps that were included in the TMDL Strategy submitted to PADEP in December 2015 and identify the storm sewershed boundary, the existing land uses and impervious/pervious surface coverages, as well as the proposed locations of structural BMPs to be implemented to achieve required pollutant load reductions. The Municipality MS4 PRP Maps are included in Appendix C.

The Municipality MS4 PRP Maps also shows parsed areas, which are areas within the storm sewershed that are not included in the calculation of land area and existing pollutant loading. All BMPs located within these parsed areas have not been counted toward achieving pollutant reduction objectives. 38.4% of the Municipality has been parsed (2,608 of the 6,783 acres). Examples of land area that have been parsed include:

- The land area associated with non-municipal stormwater NPDES permit coverage that exists within the urbanized area of a municipality;
- Land area associated with PennDOT roadways and the Pennsylvania Turnpike (roads and right of ways);
- Land areas in which stormwater runoff does not enter the MS4. If an accurate storm sewershed map is developed, these lands may be parsed or excluded as part of that process. Potential examples include homeowner's associations and schools which do not contain municipal roads or other municipal infrastructure.

C. Pollutants of Concern

The Municipality's December 2015 TMDL Strategy calculated the existing loading of sediment in lbs/year, the minimum reduction in loading in lbs/year, selected BMP(s) to reduce loading, and demonstrated that the selected Best Management Practices (BMPs) would achieve the minimum reductions.

For PRPs developed for impaired water ["Appendix E" noted in the Requirements Table column in the *MS4 Requirements Table (Municipal) Anticipated Obligations for Subsequent NPDES Permit Term*], the pollutants are based on the impairment listing as provided in the *MS4 Requirements Table (Municipal) Anticipated Obligations for Subsequent NPDES Permit Term*. If the impairment is based on siltation (sediment) only, a minimum of 10% sediment reduction is required. If the impairment is based on nutrients only or other surrogates for nutrients (e.g., "Excessive Algal Growth" and "Organic Enrichment/Low D.O."), a minimum 5% reduction is required. If the impairment is due to both siltation and nutrients, both sediment (10% reduction) and nutrients (5% reduction) must be addressed. PADEP has determined that 10% sediment reduction will also result in at least 5% nutrient reduction. Since there is no wasteload allocation (WLA) for nutrients or other surrogates for nutrients within the TMDL, it was assumed that sediment is the limiting factor for each watershed. Since a 10% sediment reduction of the total TMDL load reduction requirement is proposed the Municipality can assume that all other nutrient and surrogates for nutrients will be met as part of this PRP. As such, nutrient loadings were not calculated as part of this PRP.

D. Determine Existing Loading for Pollutants of Concern

TABLE D-1 below summarizes the division of the total area of the Municipality.

TABLE D-1: SUMMARY OF AREAS

Area Description	Acres
Parsed	2608
Borough ROW	429
Other Non-Parsed	3746
Total Area	6783

The loading and reduction for sediment was calculated as follows:

The Municipality's permit obligation applies to the land area that drains to the municipal separate storm sewer (See TABLE D-1) from within the jurisdiction of the MS4 permittee (the "storm sewershed"). The storm sewershed land area that drains to the municipal separate storm sewer from within the jurisdiction of the MS4 to Neshaminy Creek and Wissahickon Creek was delineated using PAMAP data known as Light Detection and Ranging (LiDAR) contours as part of the Municipality's December 2015 TMDL Strategy. Lands owned by the State or County as well as land areas that drained directly to non-Borough roads, streams, or permitted BMPs were parsed. Transitional Land Use tables were then used to define land use in the Municipality and calculate the total sediment loading to both the Neshaminy Creek and Wissahickon Creek watersheds created by the Municipality for the non-parsed areas. Based upon an analysis of the non-parsed areas within the Municipality that included event mean concentrations (EMCs) (per Chapter 8 of the BMP Manual) and weighted rainfall volumes for the non-parsed areas the existing sediment loads for each watershed were calculated.

In accordance with the Municipality's December 2015 TMDL Strategy after parsing it had a total non-parsed sediment loading in 2003 of 959,581 lbs/year (874,274 lbs/year and 85,306 lbs/year in its Neshaminy Creek and Wissahickon Creek storm sewersheds, respectively). The associated TMDL MS4 required pollutant reduction for these storm sewersheds is 245,227 lbs/year (218,804 lbs/year and 26,422 lbs/year in its Neshaminy Creek and Wissahickon Creek

storm sewersheds, respectively). Since 2003, the Municipality has installed several BMPs. These BMPs have resulted in a loading decrease of 86,256 lbs/year. Therefore, as of 2015 the remaining sediment load that needs to be reduced is 158,971 lbs/year. Per the Municipality's December 2015 TMDL Strategy these impairments and their associated loads are to be rectified over a fifty (50) year period in which at least 10% of the remaining TMDL load (15,897 lbs/year) will be reduced each permit cycle over that time period. This minimum sediment reduction will result in the Municipality's MS4 having a new sediment load of 857,428 lbs/year and a remaining reduction load of 143,074 lbs/year.

E. Select BMPs to Achieve the Minimum Required Reductions in Pollutant Loading

The Municipality's December 2015 TMDL Strategy outlines several BMP options for each watershed.

The Municipality has a requirement to reduce sediment by 25% and 31% in the Neshaminy Creek and Wissahickon Creek storm sewersheds, respectively. As previously stated PADEP has determined that 10% sediment reduction will also result in at least 5% nutrient reduction. Implementation of BMPs or land use changes must be proposed that will result in meeting the minimum required reduction in pollutant loading within the storm sewershed(s) identified by the MS4. These BMP(s) must be implemented within five (5) years of DEP's approval of coverage under the PAG-13 Individual Permit, and must be located within the storm sewersheds of the applicable impaired waters, on either public or private property.

The Municipality plans to achieve the sediment reduction by designing, constructing, operating and maintaining BMPs. The Municipality is required to implement this plan over the next five (5) years. Table E-1 is a summary of the proposed BMPs under consideration, including location, type, area treated, and sediment removed:

TABLE E-1: SUMMARY OF BMPS

BMP LOCATION	BMP TYPE	AREA TREATED BY BMP (Acres)	SEDIMENT REMOVED BY BMP (lbs/year)
Neshaminy Creek Watershed (multiple basins)	Naturalize Basin	Varies	Up to 22,353
Wissahickon Creek Watershed (multiple basins)	Naturalize Basin	Varies	Up to 4,236

As denoted in Section D, the load after proposed BMPs are implemented over the next 5-year permit cycle for the Neshaminy Creek and Wissahickon Creek Storm Sewersheds should be at most 857,428 lbs/year. As demonstrated above in Table E-1 the proposed total load reduction will be at least 15,897 lbs/year and as much as 26,589 lbs/year, which meets and/or exceeds the minimum reduction proposed in the Municipality’s December 2015 TMDL Strategy.

The following tables summarize the sediment load and required sediment reduction for the Neshaminy Creek and Wissahickon Creek Storm Sewersheds. Also included is a summary of the proposed BMPs contemplated to achieve the required sediment load reduction.

TABLE E-2: MS4 PRP STRATEGY SUMMARY FOR NESHAMINY CREEK STORM SEWERSHED

Description	Value	Unit
Neshaminy Creek Small Watershed	5,839	acres
Parsed Area - Total	2,163	acres
Neshaminy Creek Storm Sewershed	3,676	acres
2003 MS4 Sediment Load	874,274	lbs/year
MS4 Required Pollutant Reduction per TMDL	218,804	lbs/year
Sediment Load Removed by BMPs Installed Since 2003	84,648	lbs/year
Current Sediment Load	789,626	lbs/year

Remaining Sediment Load to be Removed for Compliance with TMDL	134,156	lbs/year
TMDL Proposed Sediment Pollutant Load Reduction Percentage	10	%
Minimum Required Pollutant Load Reduction	13,146	lbs/year
Proposed Sediment Load Reduction from BMPs	11,391 to 22,354	lbs/year
Remaining Sediment Load to be Removed for Compliance with TMDL After Proposed BMPs Installed	111,802 to 122,765	lbs/year

TABLE E-2: MS4 PRP STRATEGY SUMMARY FOR WISSAHICKON CREEK STORM SEWERSHED

Description	Value	Unit
Wissahickon Creek Small Watershed	945	acres
Parsed Area - Total	444	acres
Wissahickon Creek Storm Sewershed	501	acres
2003 MS4 Sediment Load	85,306	lbs/year
MS4 Required Pollutant Reduction per TMDL	26,422	lbs/year
Sediment Load Removed by BMPs Installed Since 2003	1,608	lbs/year
Current Sediment Load	83,698	lbs/year
Remaining Sediment Load to be Removed for Compliance with TMDL	24,814	lbs/year
TMDL Proposed Sediment Pollutant Load Reduction Percentage	10	%
Minimum Required Pollutant Load Reduction	2,481	lbs/year
Proposed Sediment Load Reduction from BMPs	Up to 4,236	lbs/year
Remaining Sediment Load to be Removed for Compliance with TMDL After Proposed BMPs Installed	20,578 to 24,814	lbs/year

F. Identify Funding Mechanism(s)

The Municipality intends to apply for all related grants, such as Growing Greener, to implement these BMPs. The Municipality intends to utilize general fund money to cover the construction costs for the proposed BMPs should grant money not be awarded. The BMPs are expected to be constructed over the last three years of the new permit cycle. Once the PRP has been approved by PADEP, the Municipality intends to approve design of the BMPs, upon which time a feasibility and cost analysis will be prepared and shared with PADEP.

G. Identify Responsible Parties for Operation and Maintenance (O&M) of BMPs

Once implemented, the BMPs must be maintained in order to continue producing the expected pollutant reductions. Applicants must identify the following for each selected BMP:

- The parties responsible for ongoing O&M;
- The activities involved with O&M for each BMP; and
- The frequency at which O&M activities will occur.

Actual O&M activities will be identified by the MS4 in their Annual MS4 Status Reports, submitted under the General Permit. Once the PRP has been approved by PADEP and the Municipality begins design of the BMPs, an O&M manual will be created and submitted to PADEP for review and comment.

Table G-1 OPERATION AND MAINTENANCE OF BMPs

NAME OF BMP	LOCATION OF BMP	OWNER/ RESPONSIBLE PARTY	O&M ACTIVITY & FREQUENCY
Naturalize Basin	Neshaminy Creek Watershed (multiple basins)	Department of Public Works	TBD
Naturalize Basin	Wissahickon Creek Watershed (multiple basins)	Department of Public Works	TBD

H. GENERAL INFORMATION

Terms: The term “nutrients” refers to “Total Nitrogen” (TN) and “Total Phosphorus” (TP) unless specifically stated otherwise in PADEP’s latest Integrated Report. The terms

“sediment,” “siltation,” and “suspended solids” all refer to inorganic solids and are hereinafter referred to as “sediment.”

Pollutants of Concern and Required Reductions: For all PRPs, MS4s shall calculate existing loading of the pollutant(s) of concern, in lbs/year; calculate the minimum reduction in loading, in lbs/year; select BMP(s) to reduce loading; and demonstrate that the selected BMP(s) will achieve the minimum reductions.

For PRPs developed for impaired waters (Appendix E), the pollutant(s) are based on the impairment listing, as provided in the MS4 Requirements Table. If the impairment is based on siltation only, a minimum 10% sediment reduction is required. If the impairment is based on nutrients only or other surrogates for nutrients (e.g., “Excessive Algal Growth” and “Organic Enrichment/Low D.O.”), a minimum 5% TP reduction is required. If the impaired is due to both siltation and nutrients, both sediment (10% reduction) and TP (5% reduction) must be addressed.

Existing Pollutant Loading: Existing loading must be calculated and reported as of the date of the development of the PRP. MS4s may not claim credit for street sweeping and other non-structural BMPs implemented in the past. If structural BMPs were implemented prior to development of the PRP and continue to be operated and maintained, the MS4 may claim pollutant reduction credit in the form of reduced existing loading.

NOTE – An MS4 may not reduce its obligations for achieving pollutant load reductions through previously installed BMPs. An MS4 may only use such BMPs to reduce its estimate of existing pollutant loading. For example, if a rain garden was installed ten years ago and is expected to remove 100 lbs of sediment annually, and the overall annual loading of sediment in the storm sewershed is estimated to be 1,000 lbs without specifically addressing the rain garden, an MS4 may not claim that the rain garden satisfies its obligations to reduce sediment loading by 10%. The MS4 may, however, use the rain garden to demonstrate that existing loading is 900 lbs instead of 1,000 lbs, and 90 lbs rather than 100 lbs needs to be reduced during the term of permit coverage.

BMP Effectiveness: All MS4s must use the BMP effectiveness values contained within PADEP’s BMP Effectiveness Values document (3800-PM-BCW0100m) or Chesapeake Bay Program expert panel reports for BMPs listed in those resources when determining pollutant load reductions in PRPs. For BMPs not listed in 3800-PM-BCW0100m or expert panel reports, MS4s may use effectiveness values from other technical resources; such resources must be documented in the PRP.

Combining PRPs: If the MS4 discharges into multiple local surface waters impaired for nutrients and/or sediment, one PRP may be submitted to satisfy Appendix E but calculations and BMP selections must be completed independently for the storm sewershed of each impaired water. If, for example, an MS4 permittee must complete three PRPs according to the MS4 Requirements Table for three separate surface waters, storm sewershed maps must be developed, existing loads must be calculated,

and BMPs must be implemented for pollutant reductions independently within those storm sewersheds. In other words, BMPs cannot be implemented in one storm sewershed to count toward pollutant reductions in an entirely separate storm sewershed for a different impaired water.

Where local surface waters are impaired for nutrients and/or sediment, and those waters are tributary to a larger body of water that is also impaired, MS4s can propose BMPs within the upstream impaired waters to meet the pollutant reduction requirements of both the upstream and downstream waters. For example, if Stream A flows through a municipality that is tributary to Stream B, both are impaired and the MS4 has discharges to both streams, the MS4 can implement BMPs in the storm sewershed of Stream A to satisfy pollutant reduction requirements for both Streams A and B. In general, the MS4 permittee would not be able to satisfy pollutant reduction requirements for both streams if BMPs were only implemented in the storm sewershed of Stream B; however, on a case by case basis DEP will consider such proposals where it can be demonstrated that implementing BMPs in the upstream storm sewershed is infeasible.

If, however, Stream A does not flow into Stream B, both are impaired and the MS4 has discharges to both streams, in general DEP would expect that BMPs be implemented in the storm sewershed of both streams to meet pollutant reduction requirements.

MS4s participating in collaborative efforts are encouraged to contact DEP's Bureau of Clean Water during the PRP development phase for feedback on proposed approaches.

Joint PRPs: MS4s may develop and submit a joint PRP, regardless of whether the MS4s will be submitting a "joint NOI" or are already co-permittees. In general, the MS4s participating in a joint PRP should have contiguous land areas. The "study area" to be mapped is the combined storm sewershed for all MS4 jurisdictions.

BMP Selection: MS4s may propose and take credit for only those BMPs that are not required to meet regulatory requirements or otherwise go above and beyond regulatory requirements. For example, a BMP that was installed to meet Chapter 102 NPDES permit requirements for stormwater associated with construction activities may not be used to meet minimum pollutant reductions unless the MS4 can demonstrate that the BMP exceeded regulatory requirements; if this is done, the MS4 may take credit for only those reductions that will occur as a result of exceeding regulatory requirements.

NOTE – Street sweeping may be proposed as a BMP for pollutant loading reductions if 1) street sweeping is not the only method identified for reducing pollutant loading, and 2) the BMP effectiveness values contained in 3800-PM-BCW0100m or Chesapeake Bay Program expert panel reports are utilized.

Submission of PRP: Attach one copy of the PRP with the NOI or individual permit application that is submitted to the regional office of DEP responsible for reviewing the

NOI or application. In addition, one copy of the PRP (not the NOI or application) must be submitted to DEP's Bureau of Clean Water (BCW). BCW prefers electronic copies of PRPs, if possible. Email the electronic version of the PRP, including map(s) (if feasible), to RA-EPPAMS4@pa.gov. If the MS4 determines that submission of an electronic copy is not possible, submit a hard copy to: PA Department of Environmental Protection, Bureau of Clean Water, 400 Market Street, PO Box 8774, Harrisburg, PA 17105-8774.

PRP Implementation and Final Report: Under the PAG-13 General Permit, the permittee must achieve the required pollutant load reductions within 5 years following DEP's approval of coverage under the General Permit, and must submit a report demonstrating compliance with the minimum pollutant load reductions as an attachment to the first Annual MS4 Status Report that is due following completion of the 5th year of General Permit coverage. For example, if DEP issues written approval of coverage to a permittee on June 1, 2018, the required pollutant load reductions must be implemented by June 1, 2023 and the final report documenting the BMPs that were implemented (with appropriate calculations) must be attached to the annual report that is due September 30, 2023. In general, the same methodology used to calculate the existing pollutant loads should be used in the final report to demonstrate the reductions. If BMP effectiveness values are updated in DEP's BMP Effectiveness Values document or Chesapeake Bay Program expert panel reports between the time the PRP is approved and the time the final report is developed, those updated effectiveness values may be used.

Appendix A

MS4 Requirements Table

Appendix A-1: Applicable portion of the MS4 Requirements Table (Municipal)
Anticipated Obligations for Subsequent NPDES Permit Term

MS4 Name	NPDES ID	Individual Permit Required?	Reason	Impaired Downstream Waters or Applicable TMDL Name	Requirement(s)	Other Cause(s) of Impairment
Montgomery County						
LOWER PROVIDENCE TWP	PAG130018	Yes	TMDL Plan	Unnamed Tributaries to Stony Creek		Cause Unknown (5)
				Indian Creek	Appendix E-Siltation (5)	Cause Unknown (5), Water/Flow Variability (4c)
				Mine Run	Appendix B-Pathogens (5), Appendix E-Siltation (5)	Water/Flow Variability (4c)
				Perkiomen Creek	Appendix B-Pathogens (5)	
				Schuylkill River	Appendix C-PCB (4a)	
				Schuylkill River PCB TMDL	Appendix C-PCB (4a)	
				Skippack Creek	Appendix E-Nutrients (5)	
				Skippack Creek Watershed TMDL	TMDL Plan-Siltation (4a)	
				Unnamed Tributaries to Schuylkill River	Appendix E-Siltation (5)	Water/Flow Variability (4c)
Stony Creek	Appendix E-Siltation (5)	Turbidity (5), Water/Flow Variability (4c)				
LOWER SALFORD TWP	PAI130006	Yes	TMDL Plan, IP	Indian Creek TMDL	TMDL Plan-Nutrients (4a)	
				Indian Creek	Appendix E-Siltation (4a)	
				Perkiomen Creek	Appendix B-Pathogens (5)	
				Skippack Creek	Appendix E-Excessive Algal Growth, Nutrients (5)	
				Skippack Creek Watershed TMDL	TMDL Plan-Siltation (4a)	
				Unnamed Tributaries to Skippack Creek		Water/Flow Variability (4c)
				West Branch Skippack Creek		Water/Flow Variability (4c)
Unnamed Tributaries to Perkiomen Creek	Appendix E-Siltation (5)	Water/Flow Variability (4c)				
MARLBOROUGH TWP	PAI130513*	Yes	SP, W-I	Green Lane Reservoir	Appendix E-Organic Enrichment/Low D.O. (4a)	
MONTGOMERY TWP	PAG130016	Yes	TMDL Plan	Park Creek	Appendix B-Pathogens (5), Appendix C-PCB (5), Appendix E-Nutrients (5)	Water/Flow Variability (4c)
				Neshaminy Creek	Appendix B-Pathogens (5), Appendix E-Nutrients, Organic Enrichment/Low D.O. (5)	
				Wissahickon Creek	Appendix E-Nutrients (4a), Appendix B-Pathogens (5)	Other Habitat Alterations, Water/Flow Variability (4c)
				Warrington Lake	Appendix E-Nutrients (5)	Exotic Species (5)
				Neshaminy Creek TMDL	TMDL Plan-Siltation, Suspended Solids (4a)	
				Little Neshaminy Creek	Appendix B-Pathogens (5), Appendix C-PCB (5), Appendix E-Nutrients, Organic Enrichment/Low D.O. (5)	Water/Flow Variability (4c)
				Wissahickon TMDL	TMDL Plan-Siltation, Suspended Solids (4a)	Cause Unknown (4a)
				West Branch Neshaminy Creek	Appendix E-Excessive Algal Growth, Nutrients, Organic Enrichment/Low D.O. (5)	Water/Flow Variability (4c)
Trewellyn Creek	Appendix E-Nutrients (4a)	Water/Flow Variability (4c)				

Appendix B

Public Participation

Appendix B-1: Public Notice & Proof of Advertisement

Appendix B-2: Public Comments Received

Appendix B-3: Public Meeting Agenda and Meeting Minutes

Appendix B-4: Record of Consideration

LEGAL NOTICE

NOTICE OF PUBLIC COMMENT PERIOD AND PUBLIC MEETING for the **NPDES Stormwater Discharges from MS4 Pollutant Reduction Plan for Montgomery** (PRP). The PRP outlines the measures the Township intends to implement to reduce certain pollutants discharged from the Township storm sewer system (MS4). The PRP is based upon and is intended to supplement the Township MS4 TMDL Strategy submitted to PADEP in 2015. The PRP includes a summary of the existing loading of the pollutants of concern, a calculation of the minimum reduction required, and a selection of potential Best Management Practices (BMPs) intended to achieve the minimum required reduction. The Township is soliciting written comments on the PRP. Interested persons may submit written comments during the thirty (30) day period of July 31 through August 30, 2017. The document may be reviewed at the Township office address below weekdays between the hours of 9AM and 4PM during the comment period. The document is also available for review on the Township website (www.montgomerytp.org). Written and verbal comments will be accepted at the public meeting scheduled at 8PM on August 28, 2017 (same night as regular BOS meeting) at the Township office address below. Comments must be submitted in writing to the attention of the Township Manager at the Township office address below or by email (lgregan@montgomerytp.org). Comments submitted by facsimile will not be accepted. Comments, including comments submitted by email, must include the originator's name and address.

All regular meetings and work sessions of the Board will be in the Township Administration Building and are open to the public, pursuant to Section 704 of the Sunshine Act (65 Pa. C.S. §701, et seq.) At any regular meetings and work sessions of the Board, deliberation and official action may be taken on any item properly before the Board. All interested citizens of Montgomery Township may attend this meeting and will be given the opportunity to be heard at the appropriate time. Persons with disabilities, wishing to attend the Public Hearing and requiring auxiliary aid, service or other accommodations to participate, should contact the Montgomery Township Director of Administration and Human Resources at 215-393-6900.

MONTGOMERY TOWNSHIP BOARD OF SUPERVISORS
1001 Stump Road, Montgomeryville, PA 18936
Lawrence J. Gregan, Township Manager

Appendix C

Maps

Appendix C-1: Watershed Map Drawing A-1
Appendix C-2: Basin Location Map

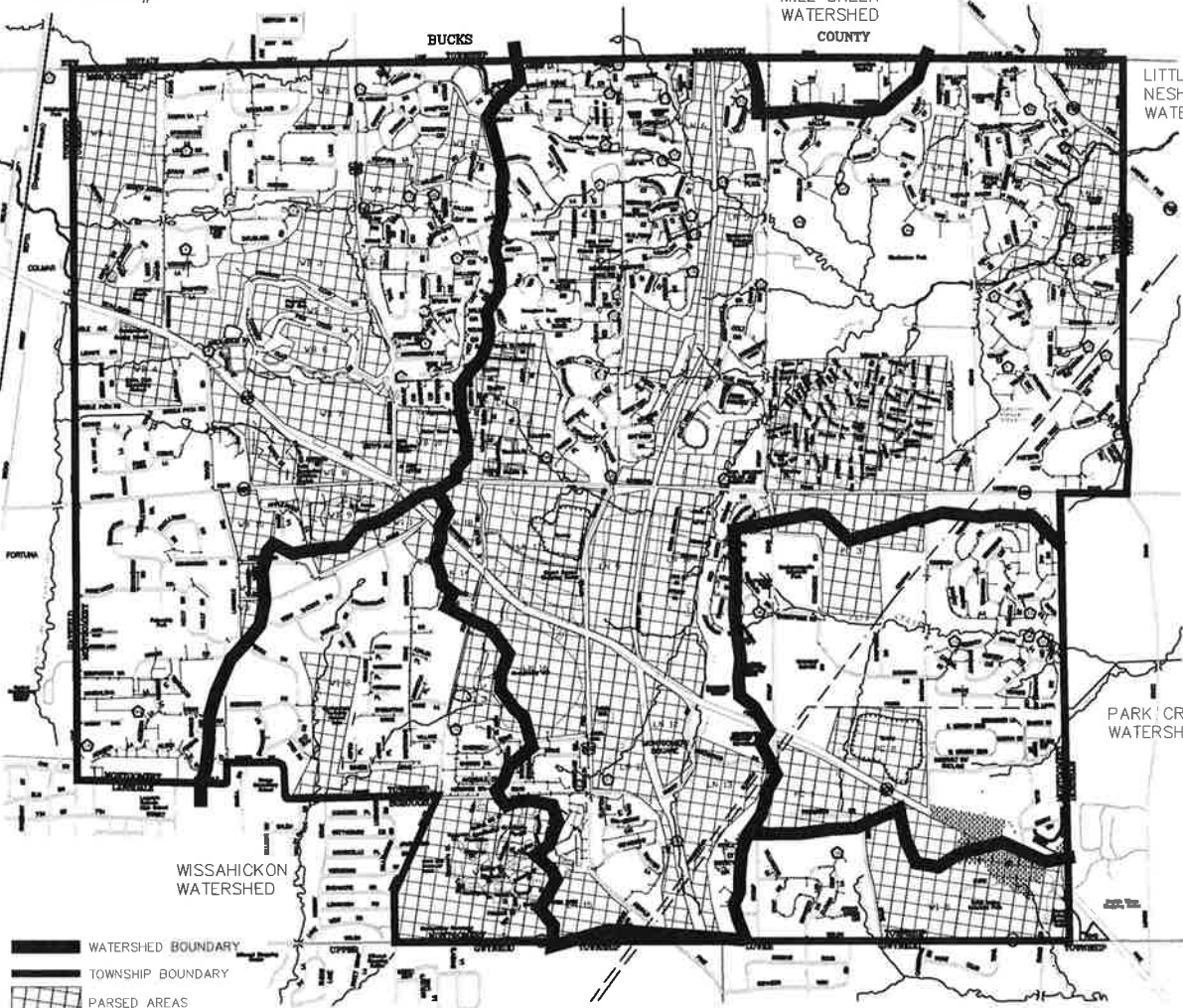
gis.dwg Layout: Parsed Areas Plotted By: nmcognigle, on Tue Dec 15, 2015 at 10:12am




WEST BRANCH
NESHAMINY CREEK
SUB-BASIN #2

MILL CREEK
WATERSHED
COUNTY

LITTLE
NESHAMINY
WATERSHED

BUCKS



-  WATERSHED BOUNDARY
-  TOWNSHIP BOUNDARY
-  PARSED AREAS

-  PUBLIC ROAD
-  PRIVATE ROAD
-  U.S. ROUTE
-  PENNSYLVANIA ROUTE

WATERSHED MAP DRAWING A-1

MONTGOMERY TOWNSHIP MONTGOMERY COUNTY, PENNSYLVANIA



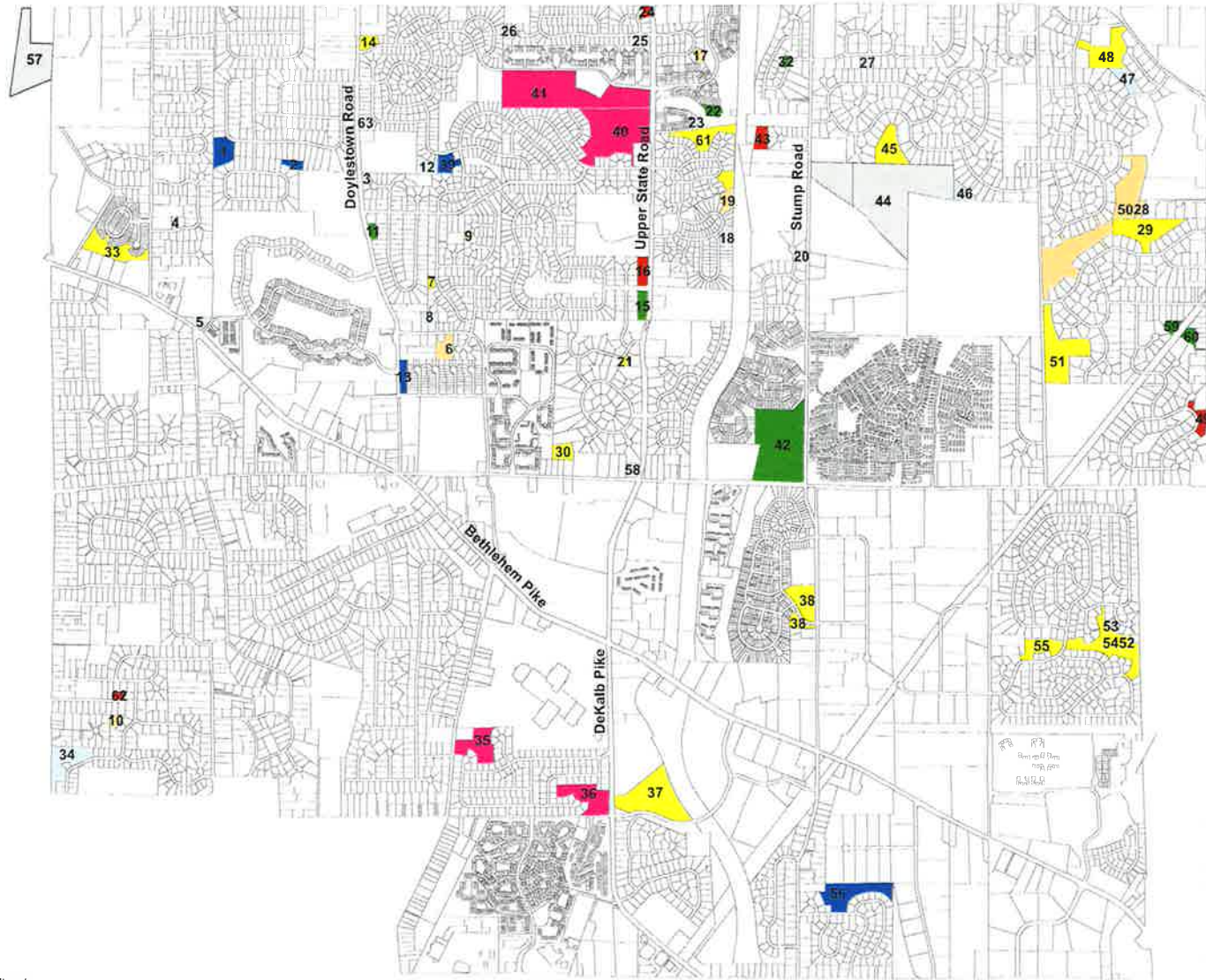
GILMORE & ASSOCIATES, INC.
ENGINEERING & CONSULTING SERVICES

CORPORATE HEADQUARTERS
65 EAST BUTLER AVENUE, SUITE 100, NEW BRITAIN, PA 18901 • (215) 345-4330 • www.gilmore-assoc.com

JOB NO.: 2011-12055

DATE: 12/14/15

SCALE: N.T.S.



Naturalized Basins

Year Naturalized

- 2009
- 2010
- 2011
- 2012
- 2013
- 2014

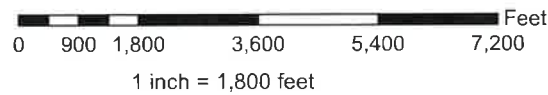
Other Basins

- Unassessed Basins
- Assessed But Not to be Naturalized

Basins

- | | |
|--------------------------------|--------------------------------|
| 1. Andrew Lane | 33. Autumn Woods Park |
| 2. Douglas Road | 34. Cambridge Knoll A |
| 3. Pauline Circle | 35. Knapp Farm |
| 4. Veronika Lane | 36. Knapp Farm |
| 5. Bethlehem Pike | 37. Wilchwood Park |
| 6. Montgomery Ave. | 38. The Orchard |
| 7. Pioneer Drive | 39. Canterbury |
| 8. Walden Lane | 40. Spring Valley Park |
| 9. Torey Circle | 41. Spring Valley Park |
| 10. Addison Lane | 42. Township Building |
| 11. Forest Trail | 43. Baker Place |
| 12. Heather Knoll* | 44. Zehr Tract |
| 13. Thornbury | 45. Mallard Pond |
| 14. Gwynmere | 46. Mallard Pond |
| 15. Stone Ridge | 47. Montgomery Lea |
| 16. Stone Ridge | 48. Montgomery Lea |
| 17. Horseshoe Lane | 49. Green Tree Tavern |
| 18. West Gate | 50. Estates of Windlestone |
| 19. West Gate | 51. Estates of Windlestone |
| 20. The Ridings | 52. Montgomery Crossing |
| 21. Montgomery Hill | 53. Montgomery Crossing |
| 22. Winners Circle | 54. Montgomery Crossing |
| 23. Winners Circle | 55. Montgomery Crossing |
| 24. Summer Ridge | 56. Gwynedd Lea |
| 25. Summer Ridge | 57. Whistletop Park (Hatfield) |
| 26. Summer Ridge | 58. Tall Gables |
| 27. Heather Lea | 59. Montgomery Hollow |
| 28. Gift Circle (Raven Hollow) | 60. Montgomery Hollow |
| 29. Gwynwood Pond | 61. Autumn Grove |
| 30. Tall Gables | 62. Magdalena |
| 31. Heather Ridge | 63. Bedford Lane |

* Basins are naturalized but have not been assessed



Appendix D

Existing Loading for Pollutants of Concern

Appendix D-1:	EMC Table
Appendix D-2:	ROW Calculations

Appendix D-1: EMC Table

	Land Cover Classification	TSS (mg/l)	TP (mg/l)	Average Annual Runoff (in/year)
Pervious Surfaces	Forest	39	0.15	4.63
	Meadow	47	0.19	4.10
	Fertilized Planting Area	55	1.34	5.53
	Native Planting Area	55	0.4	3.62
	Lawn, Low-Input	180	0.4	6.59
	Lawn, High-Input	180	2.22	5.53
	Golf Course Fairway/Green	305	1.07	6.59
	Grassed Athletic Field	200	1.07	7.39
Impervious Surfaces	Rooftop	21	0.13	43.51
	High Traffic Street/Highway	261	0.4	39.80
	Medium Traffic Street	113	0.33	23.96
	Low Traffic/Residential Street	86	0.36	22.47
	Residential Driveway, Play Courts, etc.	60	0.46	43.51
	High Traffic Parking Lot	120	0.39	43.51
	Low Traffic Parking Lot	58	0.15	43.51

Pollutant Load (lbs/year) = 2.7 (Conversion factor) x Nutrient Concentration (EMC, mg/l) x Volume (Acre-FT)

CLIENT:
MONTGOMERY TOWNSHIP
PROJECT NAME:
NPDES MS4 PERMIT RENEWAL
PROJECT NUMBER:
11-12055



Street Name	Classification	Sidewalks	Curb	Length (mi)	Length (ft)	ROW	Paved	Impervious Area (ft ²)	TSS EMC (mg/L)	Q (ft/year)	Grass Area (lbs/year)	TSS EMC (mg/L)	Q (ft/year)	Sediment Load (lbs/year)
Aaron Way	Low Traffic	Yes	Yes	0.05	264	50	26	9,240	86	1.88	3,960	180	0.55	117
Abbey Lane	Low Traffic	Yes	Yes	0.77	4066	50	29	154,968	86	1.88	48,312	180	0.55	1845
Acorn Place	Low Traffic	Yes	Yes	0.07	370	50	26	12,936	86	1.88	5,544	180	0.55	163
Addison Lane	Low Traffic	Yes	Yes	0.54	2851	50	28	105,494	86	1.88	37,066	180	0.55	1282
Aileen Dr.	Low Traffic	Yes	Yes	0.34	1795	50	28	66,422	86	1.88	23,338	180	0.55	807
Amber Place	Low Traffic	Yes	Yes	0.06	317	50	30	12,355	86	1.88	3,485	180	0.55	145
Andrew Lane	Low Traffic	Yes	Yes	0.81	4277	50	28	158,242	86	1.88	55,598	180	0.55	1923
Annabel Road	Low Traffic	Yes	Yes	0.38	2006	50	28	74,237	86	1.88	26,083	180	0.55	902
Applewood Lane	Low Traffic	Yes	Yes	0.33	1742	50	30	67,954	86	1.88	19,166	180	0.55	797
Arbor Lane	Low Traffic	Yes	Yes	0.07	370	50	32	15,154	86	1.88	3,326	180	0.55	172
Arbour Green Circle	Low Traffic	Yes	Yes	0.06	317	50	26	11,088	86	1.88	4,752	180	0.55	140
Armada Circle	Low Traffic	Yes	Yes	0.05	264	50	30	10,296	86	1.88	2,904	180	0.55	121
Arrowhead Circle	Low Traffic	Yes	Yes	0.06	317	50	26	11,088	86	1.88	4,752	180	0.55	140
Ashley Circle	Low Traffic	Yes	Yes	0.09	475	50	30	18,533	86	1.88	5,227	180	0.55	217
Aspen Place	Low Traffic	Yes	Yes	0.10	528	50	26	18,480	86	1.88	7,920	180	0.55	233
August Lane	Low Traffic	Yes	Yes	0.23	1214	50	26	42,504	86	1.88	18,216	180	0.55	537
Avondale Drive	Low Traffic	Yes	Yes	0.54	2851	50	26	99,792	86	1.88	42,768	180	0.55	1260
Azalea Place	Low Traffic	Yes	Yes	0.08	422	50	26	14,784	86	1.88	6,336	180	0.55	187
Bailey Drive	Low Traffic	Yes	Yes	0.19	1003	50	26	35,112	86	1.88	15,048	180	0.55	443
Baker Place	Low Traffic	Yes	Yes	0.10	528	50	26	18,480	86	1.88	7,920	180	0.55	233
Banbury Avenue	Low Traffic	Yes	Yes	0.35	1848	50	30	72,072	86	1.88	20,328	180	0.55	845
Bartlett Drive	Low Traffic	Yes	Yes	0.09	475	50	32	19,483	86	1.88	4,277	180	0.55	221
Beaumont Terrace	Low Traffic	Yes	Yes	0.10	528	50	26	18,480	86	1.88	7,920	180	0.55	233
Bedford Lane	Low Traffic	Yes	Yes	0.36	1901	50	30	74,131	86	1.88	20,909	180	0.55	869
Beechwood Drive	Low Traffic	Yes	Yes	0.45	2376	40	16	59,400	86	1.88	35,640	180	0.55	812
Bell Run Boulevard	Low Traffic	Yes	Yes	0.53	2798	50	34	120,331	86	1.88	19,589	180	0.55	1323
Bellows Way	Low Traffic	Yes	Yes	0.56	2957	50	30	115,315	86	1.88	32,525	180	0.55	1352
Blue Jay Way	Low Traffic	Yes	Yes	0.17	898	50	24	29,621	86	1.88	15,259	180	0.55	390
Bonnie Lane	Low Traffic	Yes	Yes	0.39	2059	50	26	72,072	86	1.88	30,888	180	0.55	910
Bradford Court	Low Traffic	Yes	Yes	0.06	317	50	26	11,088	86	1.88	4,752	180	0.55	140
Bridlepath Ln	Low Traffic	Yes	Yes	0.14	739	50	26	25,872	86	1.88	11,088	180	0.55	327
Bridlepath Road	Low Traffic	Yes	Yes	0.15	792	50	26	27,720	86	1.88	11,880	180	0.55	350
Brighton Circle	Low Traffic	Yes	Yes	0.07	370	50	26	12,936	86	1.88	5,544	180	0.55	163
Brighton Place	Low Traffic	Yes	Yes	0.05	264	50	26	9,240	86	1.88	3,960	180	0.55	117
Brittany Place	Low Traffic	Yes	Yes	0.06	317	50	30	12,355	86	1.88	3,485	180	0.55	145
Broad Acres Road	Low Traffic	Yes	Yes	0.46	2429	50	27	86,909	86	1.88	34,531	180	0.55	1081
Brook Circle	Low Traffic	Yes	Yes	0.06	317	50	30	12,355	86	1.88	3,485	180	0.55	145
Brookshyre Way	Low Traffic	Yes	Yes	0.17	898	50	32	36,802	86	1.88	8,078	180	0.55	417
Brookwood Road	Low Traffic	Yes	Yes	0.11	581	50	26	20,328	86	1.88	8,712	180	0.55	257
Browning Circle	Low Traffic	Yes	Yes	0.05	264	50	30	10,296	86	1.88	2,904	180	0.55	121

CLIENT:
MONTGOMERY TOWNSHIP
PROJECT NAME:
NPDES MS4 PERMIT RENEWAL
PROJECT NUMBER:
11-12055



Street Name	Classification	Sidewalks	Curb	Length (mi)	Length (ft)	ROW	Paved	Impervious Area (ft ²)	TSS EMC (mg/L)	Q (ft/year)	Grass Area (lbs/year)	TSS EMC (mg/L)	Q (ft/year)	Sediment Load (lbs/year)
Bryan Way	Low Traffic	Yes	Yes	0.20	1056	50	30	41,184	86	1.88	11,616	180	0.55	483
Buckingham Lane	Low Traffic	Yes	Yes	0.30	1584	50	28	58,608	86	1.88	20,592	180	0.55	712
Cambridge Court	Low Traffic	Yes	Yes	0.07	370	50	26	12,936	86	1.88	5,544	180	0.55	163
Camp Drive	Low Traffic	Yes	Yes	0.07	370	50	36	16,632	86	1.88	1,848	180	0.55	178
Canterbury Lane	Low Traffic	Yes	Yes	0.62	3274	50	30	127,670	86	1.88	36,010	180	0.55	1497
Carnaby Circle	Low Traffic	Yes	Yes	0.05	264	50	28	9,768	86	1.88	3,432	180	0.55	119
Carson Drive	Low Traffic	Yes	Yes	0.22	1162	50	26	40,656	86	1.88	17,424	180	0.55	513
Cathedral Dr.	Low Traffic	Yes	Yes	0.53	2798	50	30	109,138	86	1.88	30,782	180	0.55	1280
Cedar Lane	Low Traffic	Yes	Yes	0.15	792	50	26	27,720	86	1.88	11,880	180	0.55	350
Chamberlain Circle	Low Traffic	Yes	Yes	0.05	264	50	30	10,296	86	1.88	2,904	180	0.55	121
Channel House Rd.	Low Traffic	Yes	Yes	0.06	317	50	28	11,722	86	1.88	4,118	180	0.55	142
Chaps Way	Low Traffic	Yes	Yes	0.10	528	50	30	20,592	86	1.88	5,808	180	0.55	241
Chatham Place	Low Traffic	Yes	Yes	0.55	2904	50	30	113,256	86	1.88	31,944	180	0.55	1328
Chester Circle	Low Traffic	Yes	Yes	0.07	370	50	30	14,414	86	1.88	4,066	180	0.55	169
Cheswick Drive	Low Traffic	Yes	Yes	0.49	2587	50	26	90,552	86	1.88	38,808	180	0.55	1143
Churchill Circle	Low Traffic	Yes	Yes	0.08	422	50	28	15,629	86	1.88	5,491	180	0.55	190
Citadel Court	Low Traffic	Yes	Yes	0.07	370	50	30	14,414	86	1.88	4,066	180	0.55	169
Claremont Drive	Low Traffic	Yes	Yes	1.49	7867	53	32	320,760	86	1.88	95,832	180	0.55	3794
Clayton Court	Low Traffic	Yes	Yes	0.13	686	50	26	24,024	86	1.88	10,296	180	0.55	303
Cloverleaf Lane	Low Traffic	Yes	Yes	0.34	1795	50	26	62,832	86	1.88	26,928	180	0.55	793
Colt Circle	Low Traffic	Yes	Yes	0.10	528	50	30	20,592	86	1.88	5,808	180	0.55	241
Colwyn Terrace	Low Traffic	Yes	Yes	0.20	1056	50	26	36,960	86	1.88	15,840	180	0.55	467
Commerce Drive	Low Traffic	Yes	Yes	0.54	2851	50	26	99,792	86	1.88	42,768	180	0.55	1260
Compton Court	Low Traffic	Yes	Yes	0.05	264	50	26	9,240	86	1.88	3,960	180	0.55	117
Conrad Lane	Low Traffic	Yes	Yes	0.17	898	50	26	31,416	86	1.88	13,464	180	0.55	397
Copperleaf Circle	Low Traffic	Yes	Yes	0.07	370	50	28	13,675	86	1.88	4,805	180	0.55	166
Corporate Drive	Low Traffic	Yes	Yes	0.39	2059	50	30	80,309	86	1.88	22,651	180	0.55	942
Country Club Drive	Low Traffic	Yes	Yes	1.08	5702	50	26	199,584	86	1.88	85,536	180	0.55	2520
Country Lane	Low Traffic	Yes	Yes	0.16	845	33	26	29,568	86	1.88	-1,690	180	0.55	285
Cove Circle	Low Traffic	Yes	Yes	0.05	264	50	26	9,240	86	1.88	3,960	180	0.55	117
Coventry Circle	Low Traffic	Yes	Yes	0.09	475	50	30	18,533	86	1.88	5,227	180	0.55	217
Crestwood Circle	Low Traffic	Yes	Yes	0.04	211	50	30	8,237	86	1.88	2,323	180	0.55	97
Crestwood Drive	Low Traffic	Yes	Yes	0.29	1531	50	26	53,592	86	1.88	22,968	180	0.55	677
Cricklewood Circle	Low Traffic	Yes	Yes	0.32	1690	66	40	82,790	86	1.88	28,723	180	0.55	1004
Damson Lane	Low Traffic	Yes	Yes	0.07	370	50	32	15,154	86	1.88	3,326	180	0.55	172
David Lane	Low Traffic	Yes	Yes	0.09	475	50	30	18,533	86	1.88	5,227	180	0.55	217
Davis Dr.	Low Traffic	Yes	Yes	0.66	3485	50	28	128,938	86	1.88	45,302	180	0.55	1567
Dayton Drive South	Low Traffic	Yes	Yes	0.18	950	50	26	33,264	86	1.88	14,256	180	0.55	420
Deerpath Lane	Low Traffic	Yes	Yes	0.08	422	50	30	16,474	86	1.88	4,646	180	0.55	193
Devonshire Drive	Low Traffic	Yes	Yes	0.17	898	50	26	31,416	86	1.88	13,464	180	0.55	397

CLIENT:
 MONTGOMERY TOWNSHIP
PROJECT NAME:
 NPDES MS4 PERMIT RENEWAL
PROJECT NUMBER:
 11-12055



Street Name	Classification	Sidewalks	Curb	Length (mi)	Length (ft)	ROW	Paved	Impervious Area (ft ²)	TSS EMC (mg/L)	Q (ft/year)	Grass Area (lbs/year)	TSS EMC (mg/L)	Q (ft/year)	Sediment Load (lbs/year)
Dickens Court	Low Traffic	Yes	Yes	0.08	422	50	30	16,474	86	1.88	4,646	180	0.55	193
Domorah Drive	Low Traffic	Yes	Yes	0.31	1637	50	30	63,835	86	1.88	18,005	180	0.55	749
Dorter Ln	Low Traffic	Yes	Yes	0.13	686	50	28	25,397	86	1.88	8,923	180	0.55	309
Douglas Road	Low Traffic	Yes	Yes	0.51	2693	50	28	99,634	86	1.88	35,006	180	0.55	1211
Drake Lane	Low Traffic	Yes	Yes	0.61	3221	50	30	125,611	86	1.88	35,429	180	0.55	1473
Drayton Circle	Low Traffic	Yes	Yes	0.09	475	50	30	18,533	86	1.88	5,227	180	0.55	217
Duchess Place	Low Traffic	Yes	Yes	0.05	264	50	30	10,296	86	1.88	2,904	180	0.55	121
Durham Way	Low Traffic	Yes	Yes	0.18	950	50	30	37,066	86	1.88	10,454	180	0.55	435
Eagle Lane	Low Traffic	Yes	Yes	0.16	845	50	26	29,568	86	1.88	12,672	180	0.55	373
Eaton Drive	Low Traffic	Yes	Yes	0.15	792	50	26	27,720	86	1.88	11,880	180	0.55	350
Edgar Allen Circle	Low Traffic	Yes	Yes	0.08	422	50	28	15,629	86	1.88	5,491	180	0.55	190
Elberta Drive	Low Traffic	Yes	Yes	0.08	422	50	32	17,318	86	1.88	3,802	180	0.55	196
Embassy Drive	Low Traffic	Yes	Yes	0.21	1109	50	30	43,243	86	1.88	12,197	180	0.55	507
Enterprise Drive	Low Traffic	Yes	Yes	0.15	792	50	26	27,720	86	1.88	11,880	180	0.55	350
Fairacres Drive	Low Traffic	Yes	Yes	0.15	792	80	64	57,816	86	1.88	5,544	180	0.55	612
Fairview Drive	Low Traffic	Yes	Yes	0.21	1109	50	30	43,243	86	1.88	12,197	180	0.55	507
Falling Leaf Way	Low Traffic	Yes	Yes	0.06	317	50	26	11,088	86	1.88	4,752	180	0.55	140
Field Terrace	Low Traffic	Yes	Yes	0.10	528	50	26	18,480	86	1.88	7,920	180	0.55	233
Forest Trail Drive	Low Traffic	Yes	Yes	0.66	3485	58	26	121,968	86	1.88	79,728	180	0.55	1708
Freedom Way	Low Traffic	Yes	Yes	0.23	1214	50	34	52,219	86	1.88	8,501	180	0.55	574
Gift Circle	Low Traffic	Yes	Yes	0.10	528	50	24	17,424	86	1.88	8,976	180	0.55	229
Glasgow Circle	Low Traffic	Yes	Yes	0.05	264	50	26	9,240	86	1.88	3,960	180	0.55	117
Glen Road	Low Traffic	Yes	Yes	0.28	1478	50	26	51,744	86	1.88	22,176	180	0.55	653
Goodwin Lane	Low Traffic	Yes	Yes	0.33	1742	50	28	64,469	86	1.88	22,651	180	0.55	783
Gordon Lane	Low Traffic	Yes	Yes	0.22	1162	50	24	38,333	86	1.88	19,747	180	0.55	504
Grays Lane	Low Traffic	Yes	Yes	0.77	4066	50	30	158,558	86	1.88	44,722	180	0.55	1859
Green Spring Circle	Low Traffic	Yes	Yes	0.15	792	50	26	27,720	86	1.88	11,880	180	0.55	350
Green Tree Tavern	Low Traffic	Yes	Yes	0.82	4330	50	28	160,195	86	1.88	56,285	180	0.55	1947
Greenbriar Road	Low Traffic	Yes	Yes	0.16	845	50	26	29,568	86	1.88	12,672	180	0.55	373
Grouse Court	Low Traffic	Yes	Yes	0.05	264	50	28	9,768	86	1.88	3,432	180	0.55	119
Guilford Court	Low Traffic	Yes	Yes	0.05	264	50	26	9,240	86	1.88	3,960	180	0.55	117
Guinness Lane	Low Traffic	Yes	Yes	0.16	845	50	30	32,947	86	1.88	9,293	180	0.55	386
Gwynedd Lea Drive	Low Traffic	Yes	Yes	0.42	2218	50	26	77,616	86	1.88	33,264	180	0.55	980
Gwynmont Circle	Low Traffic	Yes	Yes	0.26	1373	50	30	53,539	86	1.88	15,101	180	0.55	628
Gwynmont Drive	Low Traffic	Yes	Yes	0.39	2059	50	32	84,427	86	1.88	18,533	180	0.55	958
Halloway Circle	Low Traffic	Yes	Yes	0.07	370	50	30	14,414	86	1.88	4,066	180	0.55	169
Hampton Circle	Low Traffic	Yes	Yes	0.09	475	50	26	16,632	86	1.88	7,128	180	0.55	210
Hanover Avenue	Low Traffic	Yes	Yes	0.27	1426	50	30	55,598	86	1.88	15,682	180	0.55	652
Harbob Lane	Low Traffic	Yes	Yes	0.11	581	50	26	20,328	86	1.88	8,712	180	0.55	257
Hawthorne Circle	Low Traffic	Yes	Yes	0.46	2429	50	26	85,008	86	1.88	36,432	180	0.55	1073

CLIENT:
 MONTGOMERY TOWNSHIP
PROJECT NAME:
 NPDES MS4 PERMIT RENEWAL
PROJECT NUMBER:
 11-12055



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Hawthorne Drive	Low Traffic	Yes	Yes	0.54	2851	50	26	99,792	86	1.88	42,768	180	0.55	1260
Heartwood Drive	Low Traffic	Yes	Yes	0.53	2798	50	26	97,944	86	1.88	41,976	180	0.55	1237
Hedgegrow Place	Low Traffic	Yes	Yes	0.07	370	50	26	12,936	86	1.88	5,544	180	0.55	163
Hemlock Drive	Low Traffic	Yes	Yes	0.48	2534	50	26	88,704	86	1.88	38,016	180	0.55	1120
Henning Drive	Low Traffic	Yes	Yes	0.11	581	50	32	23,813	86	1.88	5,227	180	0.55	270
Heritage Drive	Low Traffic	Yes	Yes	0.03	158	50	26	5,544	86	1.88	2,376	180	0.55	70
Heron Court	Low Traffic	Yes	Yes	0.09	475	50	28	17,582	86	1.88	6,178	180	0.55	214
Holl Court	Low Traffic	Yes	Yes	0.06	317	50	28	11,722	86	1.88	4,118	180	0.55	142
Holly Drive	Low Traffic	Yes	Yes	0.52	2746	50	26	96,096	86	1.88	41,184	180	0.55	1213
Horseshoe Lane	Low Traffic	Yes	Yes	0.31	1637	50	30	63,835	86	1.88	18,005	180	0.55	749
Independence Dr.	Low Traffic	Yes	Yes	0.61	3221	50	26	112,728	86	1.88	48,312	180	0.55	1423
Jason Place	Low Traffic	Yes	Yes	0.10	528	50	26	18,480	86	1.88	7,920	180	0.55	233
Jonathan Drive	Low Traffic	Yes	Yes	0.33	1742	50	32	71,438	86	1.88	15,682	180	0.55	810
Kelsey Drive	Low Traffic	Yes	Yes	0.32	1690	50	26	59,136	86	1.88	25,344	180	0.55	747
Kent Drive	Low Traffic	Yes	Yes	0.31	1637	50	26	57,288	86	1.88	24,552	180	0.55	723
Keystone Drive	Low Traffic	Yes	Yes	0.55	2904	50	30	113,256	86	1.88	31,944	180	0.55	1328
Kingston Way	Low Traffic	Yes	Yes	0.34	1795	50	26	62,832	86	1.88	26,928	180	0.55	793
Knapp Road	Medium Traffic	Yes	Yes	1.23	6494	33	24	214,315	113	1.88	0	180	0.55	2815
Knollwood Drive	Low Traffic	Yes	Yes	0.27	1426	50	26	49,896	86	1.88	21,384	180	0.55	630
Lantern Lane	Low Traffic	Yes	Yes	0.15	792	50	26	27,720	86	1.88	11,880	180	0.55	350
Lawn Avenue	Low Traffic	Yes	Yes	0.47	2482	50	26	86,856	86	1.88	37,224	180	0.55	1097
Lea Drive	Low Traffic	Yes	Yes	0.17	898	50	33	37,699	86	1.88	7,181	180	0.55	421
Lenape Drive	Low Traffic	Yes	Yes	0.15	792	50	26	27,720	86	1.88	11,880	180	0.55	350
Lindsey Place	Low Traffic	Yes	Yes	0.05	264	50	30	10,296	86	1.88	2,904	180	0.55	121
Line Street	Low Traffic	Yes	Yes	0.84	4435	40	24	146,362	86	1.88	31,046	180	0.55	1653
Longleat Drive	Low Traffic	Yes	Yes	0.34	1795	50	30	70,013	86	1.88	19,747	180	0.55	821
Lower State Road	Medium Traffic	Yes	Yes	0.61	3221	33	18	86,962	113	1.88	19,325	180	0.55	1261
Macintosh Lane	Low Traffic	Yes	Yes	0.07	370	50	32	15,154	86	1.88	3,326	180	0.55	172
Madison Court	Low Traffic	Yes	Yes	0.07	370	50	26	12,936	86	1.88	5,544	180	0.55	163
Magdalena Lane	Low Traffic	Yes	Yes	0.27	1426	50	26	49,896	86	1.88	21,384	180	0.55	630
Magella Court	Low Traffic	Yes	Yes	0.08	422	50	28	15,629	86	1.88	5,491	180	0.55	190
Magnolia Place	Low Traffic	Yes	Yes	0.08	422	50	26	14,784	86	1.88	6,336	180	0.55	187
Major Drive	Low Traffic	Yes	Yes	0.17	898	50	28	33,211	86	1.88	11,669	180	0.55	404
Mallard Drive	Low Traffic	Yes	Yes	1.46	7709	50	28	285,226	86	1.88	100,214	180	0.55	3466
Manor Drive	Low Traffic	Yes	Yes	0.19	1003	50	28	37,118	86	1.88	13,042	180	0.55	451
Matthew Drive	Low Traffic	Yes	Yes	0.28	1478	50	26	51,744	86	1.88	22,176	180	0.55	653
McLaughlin Road	Low Traffic	Yes	Yes	0.15	792	33	10	15,048	86	1.88	11,088	180	0.55	218
Meadow Glen Rd.	Low Traffic	Yes	Yes	0.34	1795	50	26	62,832	86	1.88	26,928	180	0.55	793
Meadowood Dr.	Low Traffic	Yes	Yes	0.40	2112	50	26	73,920	86	1.88	31,680	180	0.55	933
Mele Avenue	Low Traffic	Yes	Yes	0.20	1056	50	26	36,960	86	1.88	15,840	180	0.55	467

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MONTGOMERY TOWNSHIP
PROJECT NAME:
NPDES MS4 PERMIT RENEWAL
PROJECT NUMBER:
11-12055



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Merton Circle	Low Traffic	Yes	Yes	0.08	422	50	30	16,474	86	1.88	4,646	180	0.55	193
MontClair Drive	Low Traffic	Yes	Yes	0.06	317	50	26	11,088	86	1.88	4,752	180	0.55	140
Montg. Glen Drive	Low Traffic	Yes	Yes	0.66	3485	50	32	142,877	86	1.88	31,363	180	0.55	1620
Morgan St.	Low Traffic	Yes	Yes	0.04	211	50	50	12,461	86	1.88	-1,901	180	0.55	113
Morningside Drive	Low Traffic	Yes	Yes	0.40	2112	50	22	65,472	86	1.88	40,128	180	0.55	901
Narcissus Place	Low Traffic	Yes	Yes	0.06	317	50	26	11,088	86	1.88	4,752	180	0.55	140
Nevermore Circle	Low Traffic	Yes	Yes	0.05	264	50	28	9,768	86	1.88	3,432	180	0.55	119
Newport Lane	Low Traffic	Yes	Yes	0.44	2323	50	30	90,605	86	1.88	25,555	180	0.55	1062
Noble Court	Low Traffic	Yes	Yes	0.06	317	50	30	12,355	86	1.88	3,485	180	0.55	145
North Wales Road	Medium Traffic	Yes	Yes	0.77	4066	43	31	161,304	113	1.88	15,048	180	0.55	2211
Notingham Way	Low Traffic	Yes	Yes	0.09	475	50	28	17,582	86	1.88	6,178	180	0.55	214
Old Oak Tree Road	Low Traffic	Yes	Yes	0.09	475	50	30	18,533	86	1.88	5,227	180	0.55	217
Orchard Drive	Low Traffic	Yes	Yes	0.42	2218	50	32	90,922	86	1.88	19,958	180	0.55	1031
Oval Lane	Low Traffic	Yes	Yes	0.06	317	50	30	12,355	86	1.88	3,485	180	0.55	145
Oxford Lane	Low Traffic	Yes	Yes	0.33	1742	50	30	67,954	86	1.88	19,166	180	0.55	797
Park Drive	Low Traffic	Yes	Yes	0.43	2270	60	40	111,250	86	1.88	24,974	180	0.55	1265
Parliament Drive	Low Traffic	Yes	Yes	0.05	264	50	28	9,768	86	1.88	3,432	180	0.55	119
Pauline Circle	Low Traffic	Yes	Yes	0.06	317	50	26	11,088	86	1.88	4,752	180	0.55	140
Pecan Drive	Low Traffic	Yes	Yes	0.38	2006	40	16	50,160	86	1.88	30,096	180	0.55	686
Pemberton Court	Low Traffic	Yes	Yes	0.11	581	50	26	20,328	86	1.88	8,712	180	0.55	257
Pendulum Way	Low Traffic	Yes	Yes	0.07	370	50	28	13,675	86	1.88	4,805	180	0.55	166
Pine Crest Lane	Low Traffic	Yes	Yes	0.68	3590	50	26	125,664	86	1.88	53,856	180	0.55	1586
Pintail Court	Low Traffic	Yes	Yes	0.07	370	50	28	13,675	86	1.88	4,805	180	0.55	166
Pioneer Drive	Low Traffic	Yes	Yes	0.35	1848	50	28	68,270	86	1.88	24,130	180	0.55	830
Pioneer Spur	Low Traffic	Yes	Yes	0.13	686	50	30	26,770	86	1.88	7,550	180	0.55	314
Poe Court	Low Traffic	Yes	Yes	0.22	1162	50	28	42,979	86	1.88	15,101	180	0.55	522
Potters Way	Low Traffic	Yes	Yes	0.06	317	50	28	11,722	86	1.88	4,118	180	0.55	142
Preston Drive	Low Traffic	Yes	Yes	0.30	1584	50	30	61,776	86	1.88	17,424	180	0.55	724
Progress Drive	Low Traffic	Yes	Yes	0.23	1214	50	30	47,362	86	1.88	13,358	180	0.55	555
Quail Ct.	Low Traffic	Yes	Yes	0.09	475	50	28	17,582	86	1.88	6,178	180	0.55	214
Raven Hollow Drive	Low Traffic	Yes	Yes	0.72	3802	50	28	140,659	86	1.88	49,421	180	0.55	1709
Ravenwood Place	Low Traffic	Yes	Yes	0.10	528	50	30	20,592	86	1.88	5,808	180	0.55	241
Red Haven Drive	Low Traffic	Yes	Yes	0.46	2429	50	32	99,581	86	1.88	21,859	180	0.55	1129
Regency Drive	Low Traffic	Yes	Yes	1.07	5650	50	30	220,334	86	1.88	62,146	180	0.55	2584
Richardson Road	Low Traffic	Yes	Yes	0.96	5069	33	18	136,858	86	1.88	30,413	180	0.55	1554
Ridgeview Road	Low Traffic	Yes	Yes	0.21	1109	50	26	38,808	86	1.88	16,632	180	0.55	490
Rose Lane	Low Traffic	Yes	Yes	0.13	686	50	26	24,024	86	1.88	10,296	180	0.55	303
Rosetwig Ln	Low Traffic	Yes	Yes	0.32	1690	50	33	70,963	86	1.88	13,517	180	0.55	792
Rosewood Drive	Low Traffic	Yes	Yes	0.38	2006	50	26	70,224	86	1.88	30,096	180	0.55	887
Ross Court	Low Traffic	Yes	Yes	0.05	264	50	30	10,296	86	1.88	2,904	180	0.55	121

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 MONTGOMERY TOWNSHIP
PROJECT NAME:
 NPDES MS4 PERMIT RENEWAL
PROJECT NUMBER:
 11-12055



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Royal Court	Low Traffic	Yes	Yes	0.10	528	50	30	20,592	86	1.88	5,808	180	0.55	241
Runnymede Drive	Low Traffic	Yes	Yes	0.25	1320	50	30	51,480	86	1.88	14,520	180	0.55	604
S. Buckingham Lane	Low Traffic	Yes	Yes	0.16	845	50	28	31,258	86	1.88	10,982	180	0.55	380
Samantha Lane	Low Traffic	Yes	Yes	0.16	845	50	30	32,947	86	1.88	9,293	180	0.55	386
Sassafras Drive	Low Traffic	Yes	Yes	0.17	898	50	26	31,416	86	1.88	13,464	180	0.55	397
Savory Lane	Low Traffic	Yes	Yes	0.32	1690	50	30	65,894	86	1.88	18,586	180	0.55	773
Schriener Drive	Low Traffic	Yes	Yes	0.52	2746	50	25	93,984	86	1.88	43,296	180	0.55	1205
Scott Circle	Low Traffic	Yes	Yes	0.12	634	50	26	22,176	86	1.88	9,504	180	0.55	280
Shady Lane	Low Traffic	Yes	Yes	0.48	2534	50	26	88,704	86	1.88	38,016	180	0.55	1120
Shelburne Drive	Low Traffic	Yes	Yes	0.31	1637	50	26	57,288	86	1.88	24,552	180	0.55	723
Simpson Court	Low Traffic	Yes	Yes	0.05	264	50	26	9,240	86	1.88	3,960	180	0.55	117
Society Circle	Low Traffic	Yes	Yes	0.07	370	50	30	14,414	86	1.88	4,066	180	0.55	169
South Drive	Low Traffic	Yes	Yes	0.10	528	50	22	16,368	86	1.88	10,032	180	0.55	225
Sparks Circle	Low Traffic	Yes	Yes	0.08	422	50	26	14,784	86	1.88	6,336	180	0.55	187
Spring Valley Drive	Low Traffic	Yes	Yes	0.36	1901	50	24	62,726	86	1.88	32,314	180	0.55	825
Springdale Lane	Low Traffic	Yes	Yes	0.24	1267	50	30	49,421	86	1.88	13,939	180	0.55	579
Spur Rd.	Low Traffic	Yes	Yes	0.35	1848	50	28	68,376	86	1.88	24,024	180	0.55	831
Stafford Circle	Low Traffic	Yes	Yes	0.09	475	50	30	18,533	86	1.88	5,227	180	0.55	217
Stayman Drive	Low Traffic	Yes	Yes	0.32	1690	50	32	69,274	86	1.88	15,206	180	0.55	786
Steeplechase Dr.	Low Traffic	Yes	Yes	0.48	2534	50	30	98,842	86	1.88	27,878	180	0.55	1159
Sterling Drive	Low Traffic	Yes	Yes	0.24	1267	50	26	44,352	86	1.88	19,008	180	0.55	560
Stevens Mill Rd.	Low Traffic	Yes	Yes	0.47	2482	50	28	91,819	86	1.88	32,261	180	0.55	1116
Stone Ridge Drive	Low Traffic	Yes	Yes	0.43	2270	50	29	86,117	86	1.88	27,403	180	0.55	1029
Stoney Court	Low Traffic	Yes	Yes	0.06	317	50	26	11,088	86	1.88	4,752	180	0.55	140
Stump Road	Medium Traffic	Yes	Yes	3.20	16896	33	18	456,192	113	1.88	101,376	180	0.55	6613
Summer Ridge Dr.	Low Traffic	Yes	Yes	0.45	2376	50	26	83,160	86	1.88	35,640	180	0.55	1050
Summit Place	Low Traffic	Yes	Yes	0.07	370	50	26	12,936	86	1.88	5,544	180	0.55	163
Sunrise Drive	Low Traffic	Yes	Yes	0.44	2323	50	26	81,312	86	1.88	34,848	180	0.55	1027
Sunset Drive	Low Traffic	Yes	Yes	0.30	1584	50	22	49,104	86	1.88	30,096	180	0.55	675
Swallow Court	Low Traffic	Yes	Yes	0.06	317	50	28	11,722	86	1.88	4,118	180	0.55	142
Swan Court	Low Traffic	Yes	Yes	0.10	528	50	28	19,536	86	1.88	6,864	180	0.55	237
Sycamore Drive	Low Traffic	Yes	Yes	0.21	1109	40	16	27,720	86	1.88	16,632	180	0.55	379
Tanglewood Drive	Low Traffic	Yes	Yes	0.11	581	50	26	20,328	86	1.88	8,712	180	0.55	257
Tennyson Lane	Low Traffic	Yes	Yes	0.32	1690	50	30	65,894	86	1.88	18,586	180	0.55	773
Thames Drive	Low Traffic	Yes	Yes	0.40	2112	50	30	82,368	86	1.88	23,232	180	0.55	966
Thatcher Court	Low Traffic	Yes	Yes	0.05	264	50	28	9,768	86	1.88	3,432	180	0.55	119
Torey Circle	Low Traffic	Yes	Yes	0.07	370	50	30	14,414	86	1.88	4,066	180	0.55	169
Tracey Circle	Low Traffic	Yes	Yes	0.06	317	50	28	11,722	86	1.88	4,118	180	0.55	142
Tree Line Drive	Low Traffic	Yes	Yes	0.55	2904	50	26	101,640	86	1.88	43,560	180	0.55	1283
Trotter Lane	Low Traffic	Yes	Yes	0.14	739	50	32	30,307	86	1.88	6,653	180	0.55	344

CLIENT:
MONTGOMERY TOWNSHIP
PROJECT NAME:
NPDES MS4 PERMIT RENEWAL
PROJECT NUMBER:
11-12055



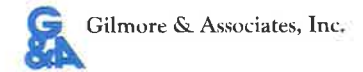
Street Name	Classification	Sidewalks	Curb	Length (mi)	Length (ft)	ROW	Paved	Impervious Area (ft ²)	TSS EMC (mg/L)	Q (ft/year)	Grass Area (lbs/year)	TSS EMC (mg/L)	Q (ft/year)	Sediment Load (lbs/year)
Tudor Drive	Low Traffic	Yes	Yes	0.91	4805	50	30	187,387	86	1.88	52,853	180	0.55	2197
Twining Road	Low Traffic	Yes	Yes	0.68	3590	50	30	140,026	86	1.88	39,494	180	0.55	1642
Usher Lane	Low Traffic	Yes	Yes	0.22	1162	50	28	42,979	86	1.88	15,101	180	0.55	522
Veronica Lane	Low Traffic	Yes	Yes	0.22	1162	50	28	42,979	86	1.88	15,101	180	0.55	522
Village Drive	Low Traffic	Yes	Yes	0.12	634	50	26	22,176	86	1.88	9,504	180	0.55	280
Vilsmeier Road	Low Traffic	Yes	Yes	0.75	3960	50	16	99,000	86	1.88	99,000	180	0.55	1597
Virginia	Low Traffic	Yes	Yes	0.06	317	50	28	11,722	86	1.88	4,118	180	0.55	142
Walden Circle	Low Traffic	Yes	Yes	0.06	317	50	30	12,355	86	1.88	3,485	180	0.55	145
Walden Court	Low Traffic	Yes	Yes	0.07	370	50	32	15,154	86	1.88	3,326	180	0.55	172
Walden Lane	Low Traffic	Yes	Yes	0.10	528	50	30	20,592	86	1.88	5,808	180	0.55	241
Wentworth Drive	Low Traffic	Yes	Yes	0.40	2112	50	28	78,144	86	1.88	27,456	180	0.55	950
West Thomas Rd.	Low Traffic	Yes	Yes	0.47	2482	50	16	62,040	86	1.88	62,040	180	0.55	1001
Westgate Drive	Low Traffic	Yes	Yes	0.37	1954	50	27	70,910	86	1.88	26,770	180	0.55	873
Westminster Drive	Low Traffic	Yes	Yes	0.54	2851	50	28	105,494	86	1.88	37,066	180	0.55	1282
Weston Court	Low Traffic	Yes	Yes	0.08	422	50	30	16,474	86	1.88	4,646	180	0.55	193
Weymouth Circle	Low Traffic	Yes	Yes	0.06	317	50	30	12,355	86	1.88	3,485	180	0.55	145
White Pines Drive	Low Traffic	Yes	Yes	0.26	1373	50	26	48,048	86	1.88	20,592	180	0.55	607
Willowood Court	Low Traffic	Yes	Yes	0.05	264	50	26	9,240	86	1.88	3,960	180	0.55	117
Winter Drive	Low Traffic	Yes	Yes	0.28	1478	50	26	51,744	86	1.88	22,176	180	0.55	653
Witchwood Drive	Low Traffic	Yes	Yes	0.28	1478	50	40	72,442	86	1.88	1,478	180	0.55	733
Woodland Dr.	Low Traffic	Yes	Yes	0.52	2746	50	26	96,096	86	1.88	41,184	180	0.55	1213
Woodlea Terrace	Low Traffic	Yes	Yes	0.07	370	50	32	15,154	86	1.88	3,326	180	0.55	172
Wordsworth Lane	Low Traffic	Yes	Yes	0.07	370	50	30	14,414	86	1.88	4,066	180	0.55	169
Wren Court	Low Traffic	Yes	Yes	0.05	264	50	28	9,768	86	1.88	3,432	180	0.55	119
Wrights Circle	Low Traffic	Yes	Yes	0.06	317	50	28	11,722	86	1.88	4,118	180	0.55	142
TOTAL								13,941,998			4,745,770			171,353
Neshaminy West Branch	25%							3,485,500			1,186,442			42,838
Little Neshaminy	60%							8,365,199			2,847,462			102,812
Wissahickon	15%							2,091,300			711,865			25,703

Appendix E

Loading Reduction Calculations

Appendix E-1:	Existing Naturalized Basins Loading Reduction Calculations
Appendix E-2:	Proposed Naturalized Basins Loading Reduction Calculations

CLIENT:
 MONTGOMERY TOWNSHIP
PROJECT NAME:
 NPDES MS4 PERMIT RENEWAL
PROJECT NUMBER:
 11-12055



No.	LOCATION	YEAR NATURALIZED	WATERSHED	TRIBUTARY AREA (ac)	25% IMPERVIOUS COVER (ac)	RUNOFF DEPTH (in)	EMC TSS (mg/L)	IMPERVIOUS SEDIMENT (Lb/year)	75% LAWN COVER (ac)	RUNOFF DEPTH (in)	EMC TSS (mg/L)	LAWN SEDIMENT (Lb/year)	TOTAL SEDIMENT (Lb/year)	25% SEDIMENT REDUCTION (Lb/year)
24	Summer Ridge	2009	LN	16.5	4.1	43.51	35	1,413	12.375	6.59	180	3,303	4,716	1,179
35	Knapp Farm	2009	LN	41.8	10.5	43.51	35	3,581	31.35	6.59	180	8,367	11,948	2,987
40	Spring Valley Park	2009	LN	29.2	7.3	43.51	35	2,501	21.9	6.59	180	5,845	8,346	2,087
41	Spring Valley Park	2009	LN	54.7	13.7	43.51	35	4,686	41.025	6.59	180	10,949	15,635	3,909
56	Gwynedd Lea	2010	LN	35.9	9.0	43.51	35	3,075	26.925	6.59	180	7,186	10,261	2,565
15	Stone Ridge	2011	LN	40.2	10.0	43.51	35	3,439	30.1125	6.59	180	8,037	11,476	2,869
16	Stone Ridge	2011	LN	40.2	10.0	43.51	35	3,439	30.1125	6.59	180	8,037	11,476	2,869
22	Winners Circle	2011	LN	22.9	5.7	43.51	35	1,962	17.175	6.59	180	4,584	6,546	1,636
32	Heather Ridge	2011	LN	14.9	3.7	43.51	35	1,276	11.175	6.59	180	2,983	4,259	1,065
42	Township Building	2011	LN	4.0	1.0	43.51	35	343	3	6.59	180	801	1,143	286
59	Montgomery Hollow	2011	LN	11.5	2.9	43.51	35	985	8.625	6.59	180	2,302	3,287	822
60	Montgomery Hollow	2011	LN	10.4	2.6	43.51	35	891	7.8	6.59	180	2,082	2,973	743
21	Montgomery Hill	2012	LN	37.0	9.3	43.51	35	3,169	27.75	6.59	180	7,406	10,576	2,644
29	Gwynwood Pond	2012	LN	18.2	4.6	43.51	35	1,559	13.65	6.59	180	3,643	5,202	1,301
30	Tall Gables	2012	LN	16.8	4.2	43.51	35	1,439	12.6	6.59	180	3,363	4,802	1,200
38	The Orchard	2012	LN	13.4	3.4	43.51	35	1,148	10.05	6.59	180	2,682	3,830	958
45	Mallard Pond	2012	LN	26.9	6.7	43.51	35	2,307	20.2	6.59	180	5,391	7,698	1,925
48	Montgomery Lea	2012	LN	48.0	12.0	43.51	35	4,112	36	6.59	180	9,608	13,720	3,430
51	Estates of Windlestrae	2012	LN	15.0	3.8	43.51	35	1,285	11.25	6.59	180	3,003	4,287	1,072
52	Montgomery Crossing	2012	LN	52.4	13.1	43.51	35	4,491	39.325	6.59	180	10,496	14,987	3,747
53	Montgomery Crossing	2012	LN	52.4	13.1	43.51	35	4,491	39.325	6.59	180	10,496	14,987	3,747
54	Montgomery Crossing	2012	LN	52.4	13.1	43.51	35	4,491	39.325	6.59	180	10,496	14,987	3,747
55	Montgomery Crossing	2012	LN	22.3	5.6	43.51	35	1,910	16.725	6.59	180	4,464	6,374	1,594
61	Autumn Grove	2012	LN	3.8	1.0	43.51	35	326	2.85	6.59	180	761	1,086	272
17	Horseshoe Lane	2013	LN	14.2	3.6	43.51	35	1,216	10.65	6.59	180	2,842	4,059	1,015
19	West Gate	2013	LN	43.9	11.0	43.51	35	3,760	32.925	6.59	180	8,788	12,548	3,137
28	Gift Circle (Raven Hollow)	2013	LN	6.0	1.5	43.51	35	514	4.5	6.59	180	1,201	1,715	429
50	Estates of Windlestrae	2013	LN	23.1	5.8	43.51	35	1,979	17.325	6.59	180	4,624	6,603	1,651
43	Baker Place	2014	LN	26.9	6.7	43.51	35	2,307	20.2	6.59	180	5,391	7,698	1,925
49	Green Tree Tavern	2014	LN	54.8	13.7	43.51	35	4,694	41.1	6.59	180	10,969	15,664	3,916
36	Knapp Farm	2009	W	22.5	5.6	43.51	35	1,927	16.875	6.59	180	4,504	6,431	1,608
1	Andrew Lane	2010	WB	73.0	18.3	43.51	35	6,253	54.75	6.59	180	14,613	20,866	5,216
2	Douglas Road	2010	WB	8.7	2.2	43.51	35	745	6.525	6.59	180	1,741	2,487	622
13	Thornbury	2010	WB	21.2	5.3	43.51	35	1,815	15.8875	6.59	180	4,240	6,055	1,514
39	Canterbury	2010	WB	57.7	14.4	43.51	35	4,943	43.275	6.59	180	11,550	16,492	4,123
11	Forest Trail	2011	WB	21.2	5.3	43.51	35	1,815	15.8875	6.59	180	4,240	6,055	1,514
7	Pioneer Drive	2012	WB	21.2	5.3	43.51	35	1,815	15.8875	6.59	180	4,240	6,055	1,514
14	Gwynmere	2012	WB	22.0	5.5	43.51	35	1,885	16.5	6.59	180	4,404	6,288	1,572
33	Autumn Woods Park	2012	WB	15.5	3.9	43.51	35	1,328	11.625	6.59	180	3,103	4,430	1,108
6	Montgomery Ave.	2013	WB	21.2	5.3	43.51	35	1,815	15.8875	6.59	180	4,240	6,055	1,514
9	Torey Circle	2013	WB	21.2	5.3	43.51	35	1,815	15.8875	6.59	180	4,240	6,055	1,514
10	Addison Lane	2013	WB	16.3	4.1	43.51	35	1,396	12.225	6.59	180	3,263	4,659	1,165
62	Magdalena	2014	WB	35.7	8.9	43.51	35	3,058	26.775	6.59	180	7,146	10,204	2,551

CLIENT:
MONTGOMERY TOWNSHIP
PROJECT NAME:
NPDES MS4 PERMIT RENEWAL
PROJECT NUMBER:
11-12055



No.	LOCATION	YEAR TO BE ASSESSED	WATERSHED	TRIBUTARY AREA (ac)	25% IMPERVIOUS COVER (ac)	RUNOFF DEPTH (in)	EMC TSS (mg/L)	IMPERVIOUS SEDIMENT (Lb/year)	75% LAWN COVER (ac)	RUNOFF DEPTH (in)	EMC TSS (mg/L)	LAWN SEDIMENT (Lb/year)	TOTAL SEDIMENT (Lb/year)	25% SEDIMENT REDUCTION (Lb/year)
44	Zehr Tract		LN	26.9	6.7	43.51	35	2,307	20.2	6.59	180	5,391	7,698	1,925
57	Whistlestop Park (Hatfield)		LN	0.0	0.0	43.51	35	0	0	6.59	180	0	0	0
18	West Gate	2015	LN	25.1	6.3	43.51	35	2,150	18.825	6.59	180	5,024	7,174	1,794
20	The Ridings		LN	15.5	3.9	43.51	35	1,328	11.625	6.59	180	3,103	4,430	1,108
23	Winners Circle		LN	4.6	1.2	43.51	35	394	3.45	6.59	180	921	1,315	329
25	Summer Ridge	2015	LN	17.9	4.5	43.51	35	1,533	13.425	6.59	180	3,583	5,116	1,279
26	Summer Ridge		LN		0.0	43.51	35	0	0	6.59	180	0	0	0
27	Heather Lea	2015	LN	25.7	6.4	43.51	35	2,201	19.275	6.59	180	5,144	7,346	1,836
46	Mallard Pond		LN	7.5	1.9	43.51	35	642	5.625	6.59	180	1,501	2,144	536
47	Montgomery Lea		LN	8.2	2.1	43.51	35	702	6.15	6.59	180	1,641	2,344	586
58	Tall Gables		LN	13.2	3.3	43.51	35	1,131	9.9	6.59	180	2,642	3,773	943
12	Heather Knoll*		WB	22.1	5.5	43.51	35	1,893	16.575	6.59	180	4,424	6,317	1,579
3	Pauline Circle		WB	22.1	5.5	43.51	35	1,893	16.575	6.59	180	4,424	6,317	1,579
4	Veronica Lane	2015	WB	10.7	2.7	43.51	35	917	8.025	6.59	180	2,142	3,058	765
5	Bethlehem Pike	2015	WB	6.8	1.7	43.51	35	582	5.1	6.59	180	1,361	1,944	486
8	Walden Lane		WB	21.2	5.3	43.51	35	1,815	15.8875	6.59	180	4,240	6,055	1,514
34	Cambridge Knoll A	2015	WB	42.0	10.5	43.51	35	3,598	31.5	6.59	180	8,407	12,005	3,001
63	Bedford Lane		WB	22.1	5.5	43.51	35	1,893	16.575	6.59	180	4,424	6,317	1,579
	Bridle Path Rd		WB	9.5	2.4	43.51	35	814	7.125	6.59	180	1,902	2,715	679
	Brookshire Way		WB	11.7	2.9	43.51	35	1,002	8.775	6.59	180	2,342	3,344	836

NPDES MS4 Pollutant Reduction Plan

Montgomery Township

July 24, 2017



Introduction

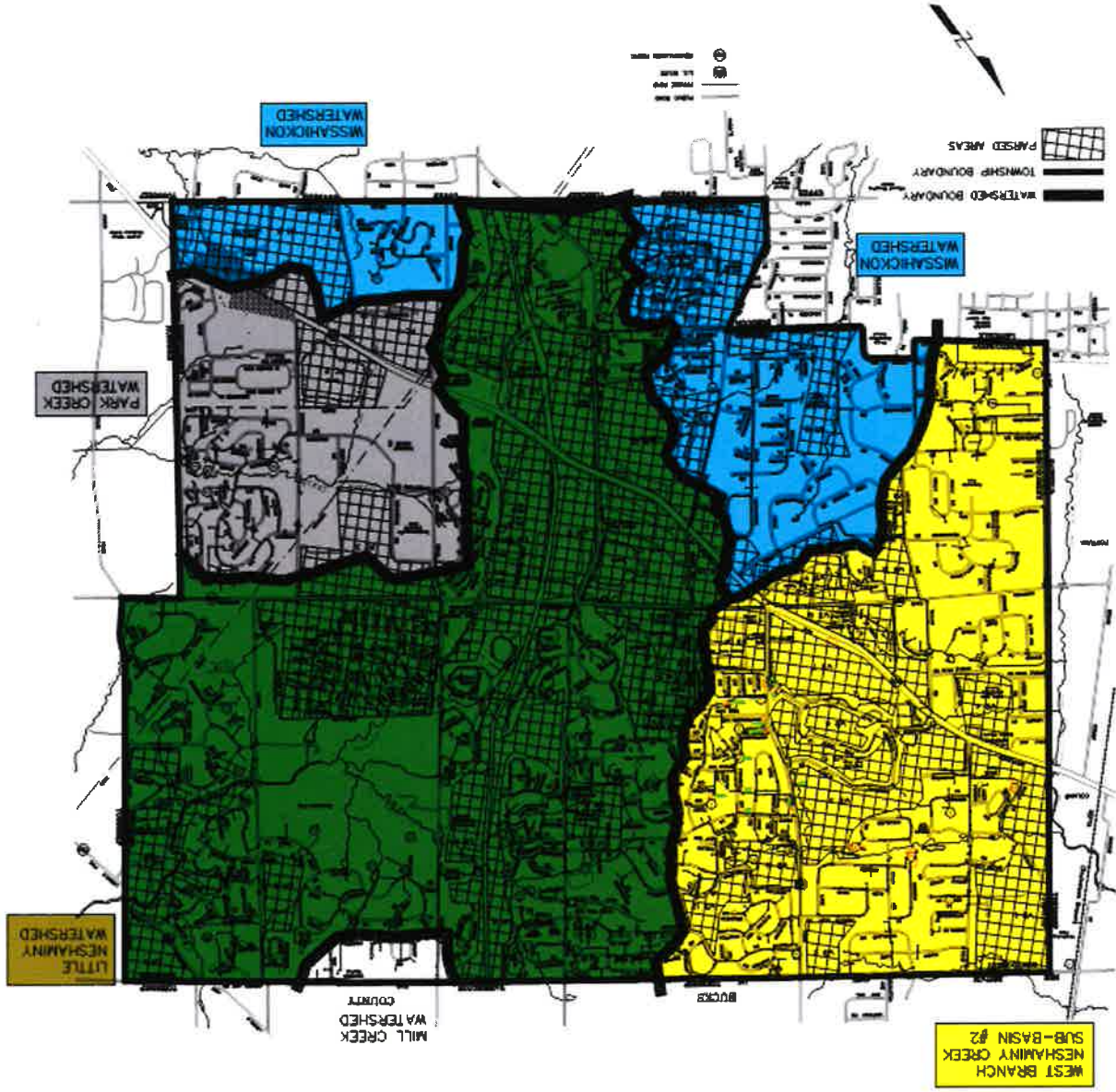
- National Pollution Discharge Elimination System (NPDES)
- Municipal Separate Storm Sewer System (MS4)
- Current General Permit
 - March 2013 through March 2018
- New Individual Permit
 - Notice of Intent (NOI) due September 16, 2017
 - March 2018 through June 2023



Pollutant Reduction Plan (PRP)

- Impaired Watersheds

- Park Creek (Neshaminy Creek Sediment TMDL, Nutrients)
- Little Neshaminy Creek (Sediment TMDL, Nutrients)
- West Branch Neshaminy Creek (Sediment TMDL, Nutrients)
- Wissahickon Creek (Sediment TMDL, Nutrients)
- Neshaminy Creek (Sediment TMDL, Nutrients)
- Trewellyn Creek (Lower Gwynedd)
- Warrington Lake (Horsham)





Pollutant Reduction Plan

- Pollutant Reduction
 - Sediment 10%
 - Nutrients 5% (assumed with sediment reduction)
 - Must be achieved within 5 years (by June 2023).
- Submitted with the NOI
 - September 16, 2017
- Public Participation Period
 - 30 Day Public Comment Period
 - 45 Days prior to submission of NOI



Pollutant Reduction Plan

- Based on TMDL Strategy submitted December 2015
- Total Required Sediment Reduction = 158,971 lbs/yr
 - Includes reduction from existing BMPs
- Reduction Required During Upcoming Permit Period
 - 15,897 lbs/yr
- Proposed BMPs
 - Basin Naturalizations
 - Estimated reduction range = 15,897 lbs/yr and 26,589 lbs/yr



Public Participation Period

- Public Comment Period: July 31st through August 30th
- Available for Review
 - Township Office: weekdays between 9AM and 4PM
 - Township Website: <http://www.montgomerytp.org/>
- Comments submitted in writing:
 - Mailed to Township Office
 - Montgomery Township Board of Supervisors
 - 1001 Stump Road, Montgomeryville, PA 18936
 - Lawrence J. Gregan, Township Manager
 - E-mail
 - Lawrence J. Gregan, Township Manager
 - lgregan@montgomerytp.org
- Comments (verbal or written) will be accepted at the August 28th BOS meeting.
- Comments must include the originator's name and address.

MONTGOMERY TOWNSHIP BOARD OF SUPERVISORS
BOARD ACTION SUMMARY

SUBJECT: Consider Approval of Out of State Training-Police Department

MEETING DATE: July 24, 2017 ITEM NUMBER: #7

MEETING/AGENDA: WORK SESSION ACTION **XX** NONE

REASON FOR CONSIDERATION: Operational: **XX** Policy: Discussion: Information:

INITIATED BY: J. Scott Bendig
Chief of Police



BOARD LIAISON: Candyce Fluehr Chimera
Chairman, Board of Supervisors

BACKGROUND:

Officer Joseph McGuigan and Canine Cody:

The Federal Bureau of Alcohol, Tobacco, Firearms, and Explosives (ATF) is hosting their National Odor Recognition Testing (NORT) for police explosive detection canines from August 29, 2017 to August 31, 2017 at the U.S. Army's Aberdeen Proving Ground in Aberdeen, Maryland. NORT is the proficiency standard used by the ATF for effective canine explosive detection. It is recommended that Officer Joseph McGuigan and canine Cody be authorized to attend this certification/training.

Officer Jason English:

The Montgomery Township Police Department continues to be one of only a handful of agencies in the area that conducts Drug Abuse Resistance Education (DARE) training. DARE is a police officer-led series of classroom lessons that teaches children at the elementary education level how to resist peer pressure and live productive drug and violence-free lives. This program is currently conducted at all elementary schools in Montgomery Township. Currently the Police Department has two officers teaching DARE in our three elementary schools.

The Maryland Department of Public Safety will be sponsoring a DARE Instructor Training Program from September 24, 2017 to October 6, 2017 at their Public Safety Education and Training Center in Sykesville, Maryland. During the two week program, DARE officers receive specialized instruction in public speaking, classroom management techniques, lesson planning, and team building. Officers also learn to teach the DARE curriculum, presenting a mock lesson to instructors prior to completion of the program. It is recommended that Officer Jason English be authorized to attend this training.

Corporal Thomas Ward and Officer John Rushin:

The Montgomery Township Police Department has previously entered into a cooperative agreement with other Montgomery County police departments to participate in the in the Montgomery County SWAT-Central Region Team. Montgomery County SWAT is a task force deployed for incidents and situations that exceed the capability of traditional police resources, including barricaded subjects, hostage taking incidents, and other high risk operations. Currently the Police Department has two officers, Corporal Thomas Ward and Officer John Rushin, assigned to Montgomery County SWAT. Montgomery County SWAT is scheduled to attend training at Fort Dix in New Hanover Township, New Jersey from October 17, 2017 to October 19, 2017. The training will consists of team movements, search techniques, and firearms training in a multitude of environments not readily available in our area. It is recommended that Corporal Thomas Ward and Officer John Rushin be authorized to attend this training.

ZONING, SUBDIVISION OR LAND DEVELOPMENT IMPACT:

None.

PREVIOUS BOARD ACTION:

None.

ALTERNATIVES/OPTIONS:

None.

BUDGET IMPACT:

There is no cost for the National Odor Recognition Testing (NORT).

There is no cost for the DARE Instructor training program. Funds will be needed for meals and accommodations. Funding for this training is available in the 2017 Approved Final Budget-Police Meetings and Conferences.

There is no cost for the SWAT training. Montgomery County SWAT pays the full cost of the training, including lodging.

RECOMMENDATION:

Approve the aforementioned out of state training requests.

MOTION/RESOLUTION:

BE IT RESOLVED by the Board of Supervisors of Montgomery Township that we hereby approve the request for Officer Joseph McGuigan and canine Cody to attend The ATF's National Odor Recognition Testing (NORT) at the U.S. Army's Aberdeen Proving Ground in Aberdeen, Maryland.

BE IT FURTHER RESOLVED by the Board of Supervisors of Montgomery Township that we hereby approve the request for Officer Jason English to attend DARE training at the Maryland Public Safety Education and Training Center in Sykesville, Maryland.

BE IT FURTHER RESOLVED by the Board of Supervisors of Montgomery Township that we hereby approve the request for Corporal Thomas Ward and Officer John Rushin to attend Montgomery County SWAT training at Fort Dix, New Jersey.

MOTION: _____ SECOND: _____

ROLL CALL:

Robert J. Birch	Aye	Opposed	Abstain	Absent
Michael J. Fox	Aye	Opposed	Abstain	Absent
Jeffrey W. McDonnell	Aye	Opposed	Abstain	Absent
Richard E. Miniscalco	Aye	Opposed	Abstain	Absent
Candyce Fluehr Chimera	Aye	Opposed	Abstain	Absent

DISTRIBUTION: Board of Supervisors, Frank R. Bartle, Esq.



Department of Public Safety and Correctional Services

Police and Correctional Training Commissions
6852 4th STREET • SYKESVILLE, MARYLAND 21784 • www.pctc.state.md.us
(410) 875-3400 • FAX (410) 875-3500 • V/TTY (800) 735-2258 • E-MAIL: mailbox@mpctc.net

STATE OF MARYLAND

LARRY HOGAN
GOVERNOR

BOYD K. RUTHERFORD
LT. GOVERNOR

STEPHEN T. MOYER
SECRETARY

WILLIAM G. STEWART
DEPUTY SECRETARY
ADMINISTRATION

J. MICHAEL ZEIGLER
DEPUTY SECRETARY
OPERATIONS

WILLIAM M. PALLOZZI
CHAIR
POLICE TRAINING AND
STANDARDS COMMISSION

STEPHEN T. MOYER
CHAIR
CORRECTIONAL TRAINING COMMISSION

ALBERT L. LIEBNO, JR.
ACTING EXECUTIVE DIRECTOR

ALBERT L. LIEBNO, JR.
DEPUTY DIRECTOR

MEMORANDUM

TO: D.A.R.E. Training Candidates and Agencies
FROM: Claude Nelson, State D.A.R.E. Coordinator
DATE: May 23, 2017
SUBJECT: Training Application and Information

The Maryland D.A.R.E. Training Center at the Maryland Police and Correctional Training Commissions (M.P.C.T.C.) has scheduled the next D.A.R.E. Officer Training course in Maryland for September 24 – October 6, 2017. The training will be held at the Public Safety Education and Training Center in Sykesville, MD 21784.

This 80+ hrs. training is required by both D.A.R.E. America and M.P.C.T.C. for certification of all new D.A.R.E. Instructors, and provides successful graduates with authorization to deliver copyrighted D.A.R.E. curricula for elementary and middle school programs, parent and community programs, as well as several enhancement lessons on such topics as Bullying, Gangs, and Internet Safety. The focus of the training is to provide instructors with the skills necessary for successful classroom instruction and student learning. The course also provides instructional blocks for School Resource Officers and school-based policing officers. D.A.R.E. programming is prevention education, and is community based. It is an excellent augmentation to any agency's local **Community Policing effort**.

This two-week certification course is free of cost to all Maryland candidates representing current D.A.R.E. participating agencies or agencies who will be implementing D.A.R.E. programs in their local communities for the 2017-18 school year. Lodging, two meals per day, instruction, and course materials are all provided free by M.P.C.T.C.

Training candidates representing agencies from outside the state of Maryland will be invoiced a nominal fee to cover the cost of lodging in the training center dormitory and the two meals provided each training day at the center (breakfast and lunch), plus incidentals. These costs are estimated at \$50.00 per day. All candidates will be responsible for their own dinner meal each day (and all meals over the weekend if necessary) at any of the many area dining establishments.

Participation in all sessions of the course, completion of all training objectives, and satisfactory skills performance are required for certification. There is no other entry-level D.A.R.E. Officer Training proposed for the remainder of the upcoming 2018 fiscal year in Maryland, so carefully project your needs. It is required that participants be certified law enforcement officers with two years of experience; however, waivers to this requirement can be granted on a case by case basis.

Request an application for DARE training by calling (410-875-3426) or emailing claudenelson@maryland.gov. Completed applications (and waiver for out-of-state agencies) can be returned to the State Coordinator by fax at 410-875-3420, or mail to: State D.A.R.E. Coordinator, 6852 4th Street, Sykesville, MD 21784, or emailed to: claudenelson@maryland.gov. Applications must be authorized by the requesting agency. For further information call Claude Nelson at 410-875-3426 or 3403.



From Lt. John Kerwick - National Explosive Committee Chairperson -

**ATF NATIONAL ODOR RECOGNITION TESTING (NORT) AND
TATP/HMTD/HME TRAINING SCHEDULE**

FY2017

NORT is the Proficiency Standard used by the ATF as a benchmark for effective canine explosive detection. The USPCA ORT Test has its partial origins from this research, training, and testing.

NORT training schedule.

May 23-25, 2017
Louisville, KY

June 6-8, 2017
MCB Camp Pendleton, CA

July 18-20, 2017
Buffalo, NY

August 1-3, 2017
Honolulu, HI

August 15-17, 2017
Minneapolis, MN

August 29-31, 2017
Aberdeen Proving Ground, MD

September 12-14, 2017
San Francisco, CA

Contact:

Cody Monday, Lead Instructor/Canine Trainer

Email: Cody.Monday@atf.gov

Police K-9 Magazine and the USPCA have collaborated on a project that will see each of our members received ONE Free issue of Police K-9 Magazine *directly mailed to you*. This is designed to help expose our members to the various products and information that are within our industry. *Your name and mailing info was NOT shared with the Magazine*, instead



MONTGOMERY TOWNSHIP BOARD OF SUPERVISORS
BOARD ACTION SUMMARY

SUBJECT: Presentation of 2nd Quarter 2017 Budget Report

MEETING DATE: July 24, 2017

ITEM NUMBER: #8

MEETING/AGENDA:

ACTION

NONE

REASON FOR CONSIDERATION: Operational: Policy: Discussion: xx Information:

INITIATED BY: Ami Tarburton
Finance Director

BOARD LIAISON: Robert J. Birch, Supervisor
Liaison – Finance Committee

BACKGROUND:

The Finance Department has completed the 2nd Quarter 2017 Budget Report. Please see the attached documentation.

ZONING, SUBDIVISION OR LAND DEVELOPMENT IMPACT:

None.

PREVIOUS BOARD ACTION:

None.

ALTERNATIVES/OPTIONS:

None.

BUDGET IMPACT:

None.

RECOMMENDATION:

Accept the 2nd Quarter budget report.

DISTRIBUTION: Board of Supervisors, Frank R. Bartle, Esq.



**MONTGOMERY TOWNSHIP
BOARD OF SUPERVISORS**

1001 STUMP ROAD
MONTGOMERYVILLE, PA 18936-9605

Telephone: 215-393-6900 • Fax 215-855-6656
www.montgomerytwp.org

**ROBERT J. BIRCH
CANDYCE FLUEHR CHIMERA
MICHAEL J. FOX
JEFFREY W. McDONNELL
RICHARD E. MINISCALCO**

**LAWRENCE J. GREGAN
TOWNSHIP MANAGER**

To: Distribution
From: Ami Tarburton, Finance Director *Ami*
Date: July 11, 2017
Subject: Budget Status as of June 30, 2017

This memo will summarize the Year-to-Date operating results through June 30, 2017 and identify the significant activities in fund balance, revenues and expenditures. This summary was prepared based on the financial records enclosed in this packet.

- Exhibit A - Statement of Changes in the General Fund Balance. This statement helps us monitor our annual General Fund budget as well as our current General Fund balance.
- Exhibit B - Capital Reserve Fund Analysis. This report shows balances held in Capital Reserve for both designated and undesignated purposes.
- Exhibit C - Chart Comparing General Fund Cash Balances 2016 – 2017. This report shows our general Fund Cash position during the year as compared to the prior year and assists us in projecting cash flow needs for investment purposes.
- Exhibit D - Local Enabling Tax Revenue comparison graph for 2016-2017 detailing each of the tax revenue streams for the General Fund.
- Exhibit E – Earned Income Tax Revenue comparison for 2012-2016 and projection for 2017.
- Additional Reports included – Tax Collector's Monthly Report, Business Tax Office Monthly Report, and CRC Revenue/Expense Report.

General Fund 01 - Fund Balance

Through the 2nd Quarter of 2017, the Township received \$9.4M or 68% of 2017 General Fund Budgeted Revenues, which was 4.6% more than the \$9M in revenues received during the 2nd Quarter 2016, and just slightly behind the 2017 expected monthly budget. General Fund Expenditures through the 2nd Quarter 2017 were \$5.319M which was only slightly higher than the \$5.315M expenditures through the 2nd Quarter 2016. This increase can be attributed to regular salary/wage and benefit expense increases combined with a reduction in normal operating expenses. Overall, expenditures in each department are consistent with the 2017 budgeted expenditures.

At the end of the 2nd Quarter 2017, the General Fund Balance was \$6.29M, an increase of 1.7% from the 2nd Quarter 2016 fund balance of \$6.18M. This increase can mostly be attributed to a 33% increase in General Fund real estate tax revenue, stemming from debt service millage of .24 mills being redirected to the General Fund in order to reduce the growing Debt Service Fund balance. The various Revenue and Expenditure details are discussed in more detail below.

General Fund – 01 Revenues and Expenditures

- Tax Revenues - These revenues represent 91% of all General Fund revenues.
 - Real Estate Tax revenues as of June 30th are up 33% (\$528K) as compared to same period prior year. As mentioned above, for 2017, the debt service millage has been directed to the General Fund, rather than the Debt Service Fund, in order to reduce a growing fund balance in the Debt Service Fund.
 - Earned Income Tax (EIT) revenues as of June are down 3.1% (\$92.7K) from same period prior year and but are slightly ahead of the 2017 budget. This decrease is due to a \$200K windfall collection in the 1st quarter of 2016 which will not be repeated in 2017.
 - Mercantile Tax revenues are down 5.9% (\$127K), however Business Privilege revenues are up 15.6% (\$120K) from June 2016. The due date for these taxes was March 15th. To date, we have processed tax returns for 1195 of our 1302 registered businesses (~92%).
 - LST revenues are up 2.3% from June of 2016. This tax is collected by Berkheimer and distributed to the Township. The first due date of the 2017 fiscal year was April 30th.

Budget Status Report
2nd Quarter 2017

- Permits and License Fees – This collective group of revenues is reporting 2.3% (\$17K) below the prior year but is within 7% of the expected budget performance for the year. Anticipating a reduction in revenues in 2017 due to larger projects having been completed in 2016, the 2017 budget included a reduction in Permit Fees of 5%. Permit activities tend to increase entering the late spring/early summer months.
- Other Revenue Sources - This includes fines, interest, grants, etc. These revenues make up only 2% of the total budgeted revenues. They are currently 9% (\$15K) below prior year revenues for June. This is related mainly to the timing of receipts.
- Expenditures

Overall expenditures for the 2nd quarter are 0.1% (\$3800) above prior year. As discussed earlier, this increase is primarily a result of typical salary/wage and benefit expense increases, while controlling normal operating expenses. Total General Fund expenditures are in line with the anticipated budgeted expenditures for the 2nd Quarter of 2017.

FUNDS 04 – 99

Fire Fund - 04

Revenues and Expenditures

Expenditures through the 2nd Quarter 2017 for the Fire Fund were \$422K or 43% of budget. Revenues through the 2nd Quarter 2017 were \$647K or 66% of Budget. The 2nd Quarter revenues include the transfer of 50% of the \$310,000 EIT allocation to the Fire Fund and 50% of the Local Services Tax receipts budgeted to equal ~\$252K to the Fire Fund for 2017. The Fire Fund is performing on target with the budget.

Park and Recreation Fund - 05

Revenues and Expenditures

Expenditures through the 2nd Quarter for the Park Fund were \$204K or 47% of budget. Revenues through the 2nd Quarter 2017 are \$428K or 98% of budget. The largest revenue source for Fund 05 is real estate tax millage, the majority of which was received in the 2nd quarter. No significant budget variances have been identified at this time.

Basin Maintenance Fund - 06
Revenues and Expenditures

Expenditures through the 2nd Quarter for the Basin Maintenance Fund were \$24K or 32% of budget. The current Township policy is that detention basins will remain the responsibility of the contractor or a Home Owner's Association. Therefore, the only revenue to this fund will be interest and the fund balance will continue to be drawn down for maintenance of existing Township basins. This fund may be impacted in the future by the new Stormwater Management regulations.

Street Light Fund - 07
Revenues and Expenditures

Expenditures through the 2nd Quarter for the Street Light Fund were \$82K or 54% of budget. Revenues to this fund are derived from the annual street light assessments billed with the real estate tax bill. Revenues through the 2nd Quarter 2017 were \$134K or 97% of budget.

Recreation Fund – 08
Revenues and Expenditures

Expenditures for the 2nd quarter total \$494K and are on target with 2017 budgeted amounts. 2nd Quarter revenues total \$721K, or 69% of budget. The majority of Kids U revenue has been received in the 2nd quarter, however most expenses are still to be incurred throughout the summer. Revenues include 25% of the budgeted transfers from the General Fund in the amount of \$103K year-to-date.

Capital Projects Fund - 19
Revenues and Expenditures

The Township uses this fund to account for major capital projects. Currently, the only project accounted for in this fund is the scheduled payment of the emergency radios project arranged for by county officials. Revenues as of the 2nd quarter were \$107K, comprised of \$67K received from FDMT and VMSC for their portion of the capital expense according to agreements with both entities, and a transfer from Capital Reserve for the Township portion of the capital expense. Expenditures were \$107K for year 2 of 5.

Budget Status Report
2nd Quarter 2017

Debt Service Fund - 23
Revenues and Expenditures

Expenditures through the 2nd Quarter for the Debt Service Fund were \$136K in bond interest payments. Revenues for the debt service fund are derived from interest earnings only. Due to the savings from the 2016 advanced refunding of the 2013 Bonds, the Debt Service portion of the Real Estate Tax (.24 mills) has been redirected to the General Fund for 2017 for ultimate transfer to the Capital Reserve fund. There is sufficient Debt Service Fund Balance to meet all debt obligations in 2017. Debt service payments are scheduled at various times throughout the year on a semi-annual or annual basis.

Capital Reserve Fund - 30
Revenues and Expenditures

Expenditures through the 2nd Quarter for the Capital Reserve Fund were \$563K or 24% of the 2017 Budget. A report on expenditure and revenues for the individual reserve accounts in Fund 30 has been included in Exhibit B to this report.

Park Development Fund – 31
Revenues and Expenditures

There are no expenditures budgeted from this fund for 2017. Revenues are received from developers for new residential units per the Land Development Agreement. Revenues are \$21K as of the 2nd quarter, including \$20K from contributions.

Liquid Fuels Fund - 35
Revenues and Expenditures

The revenues of this fund are received from the State as part of the State Liquid Fuels Program. The annual Liquid Fuels Fund allocation was received in March in the amount of \$689K for 2017. The major expenditures from this fund are for Liquid Fuels Fund eligible expenditures associated with the annual street resurfacing and curb/sidewalk replacement program. There were no expenditures from the Liquid Fuel Fund through the 2nd Quarter 2017. The bulk of expenditures will take place in July and August when the Department of Public Works performs the annual Curb/Sidewalk repair/replacement work and street resurfacing work.

Budget Status Report
2nd Quarter 2017

Fire Relief Fund - 50
Revenues and Expenditures

The State Fire Relief allocation for 2017 will be received in September. These funds, estimated at \$250K for 2017, are by law distributed to the FDMT Relief Association and are used by the Relief Association to make safety related expenditures on behalf of the Fire Department of Montgomery Township Volunteers.

Police Donation Fund - 92
Revenues and Expenditures

This fund accounts for private contributions made by residents and businesses to the Police Department and is used to fund programs and expenditures not otherwise budgeted in the Police operating or capital budgets. There were contributions of \$1,500 as of the 2nd Quarter. Expenditures for the 2nd Quarter of 2017 were \$1,975.

Environmental Fund - 93
Revenues and Expenditures

Revenues from this fund are primarily received from the Northern Montgomery County Recycling Commission (NMCRC), representing the Township's share of the DEP Recycling Performance Grant. Receipts from the Commission have not been received yet for this year. Expenditures as of 2nd quarter were \$18K.

Replacement Tree Fund - 94
Revenues and Expenditures

Expenditures through the 2nd Quarter 2017 for the Replacement Tree Fund were \$9K or 19% of budget. The bulk of the expenses for this fund were for Arbor Day. Revenues to this fund come from Developer contributions and interest earnings and total \$17K for the 2nd Quarter of this year.

Autumn Festival Fund - 95
Revenues and Expenditures

There were minimal expenditures and commitments for the 2nd Quarter. Expenditures will be incurred mostly during the 2nd and 3rd Quarters of 2017. Revenues to the fund are from contributions solicited from residents and businesses in the Township and the Township has provided for a \$7K contribution from the General Fund in the 2017 Budget.

Budget Status Report
2nd Quarter 2017

Restoration Fund - 96
Revenues and Expenditures

This fund accounts for the use of developer contributions for the Knapp Farm House restoration. The Montgomery Township Historical Society manages the restoration projects with expenses being reimbursed from this fund. The original contribution made in 2004 was for \$400K of which \$9.8K remains for future projects.

Cc: R. J. Birch
C. Fluehr Chimera
M. J. Fox
J. W. McDonnell
R. E. Miniscalco
A. Shade
B. Shoupe
L. J. Gregan
D. Rivas
S. Bendig
K. A. Costello
R. Lesniak
V. Zidek

**MONTGOMERY TOWNSHIP
STATEMENT OF CHANGES IN FUND BALANCE
GENERAL FUND
AS OF JUNE 30, 2017**

June							DOLLAR	PERCENT
	2017 BUDGET (1)	2017 ACTUAL (2)	% of TOTAL (3)	2016 BUDGET (4)	2016 ACTUAL (5)	% of TOTAL (6)	VARIANCE 2016-2017 ACTUAL (2 - 5)	VARIANCE 2016-2017 ACTUAL (2 - 5)
REVENUES								
Taxes								
Real Estate Tax	2,113,400	2,099,109	22.3%	1,636,100	1,570,054	17.4%	529,055	33.7%
Earned Income Tax	5,350,000	2,930,422	31.1%	5,190,000	3,023,165	33.6%	(92,743)	-3.1%
Real Estate Transfer Tax	750,000	287,765	3.1%	700,000	274,911	3.1%	12,853	4.7%
Mercantile Tax	2,120,000	2,030,927	21.6%	2,050,000	2,158,214	24.0%	(127,287)	-5.9%
Local Services Tax	557,500	292,118	3.1%	548,000	285,668	3.2%	6,450	2.3%
Amusement Tax	63,000	33,859	0.4%	73,000	32,388	0.4%	1,471	4.5%
Business Privilege Tax	780,000	893,642	9.5%	780,000	773,173	8.6%	120,470	15.6%
Total Taxes	11,733,900	8,567,841	91.0%	10,977,100	8,117,573	90.2%	450,268	5.5%
Permits and Licenses								
Building Permits	550,500	343,352	3.6%	579,000	344,013	3.8%	(661)	-0.2%
Cable TV	600,000	307,026	3.3%	570,000	299,614	3.3%	7,412	2.5%
All Others	93,000	47,843	0.5%	80,500	71,211	0.8%	(23,368)	-32.8%
Total Permits and Licenses	1,243,500	698,220	7.4%	1,229,500	714,837	7.9%	(16,617)	-2.3%
Other Sources								
Fines	175,000	66,926	0.7%	175,000	97,110	1.1%	(30,185)	-31.1%
Interest	40,000	12,711	0.1%	40,000	11,363	0.1%	1,349	11.9%
Grants	572,000	6,639	0.1%	520,500	7,506	0.1%	(866)	-11.5%
Department Services	81,900	58,565	0.6%	75,750	50,226	0.6%	8,339	16.6%
Other Financing Sources	80,000	8,146	0.1%	76,000	2,157	0.0%	5,989	277.7%
	948,900	152,987	1.6%	887,250	168,362	1.9%	(15,374)	-9.1%
TOTAL REVENUES	13,926,300	9,419,049	100.0%	13,093,850	9,000,772	100.0%	418,277	4.6%
EXPENSES								
Administration	1,383,477	619,824	11.7%	1,391,850	724,435	13.6%	(104,611)	-14.4%
Finance & IT	963,040	451,731	8.5%	897,550	423,824	8.0%	27,907	6.6%
Police	6,925,700	3,020,220	56.8%	6,588,223	2,840,449	53.4%	179,771	6.3%
Code	898,860	385,359	7.2%	870,350	386,027	7.3%	(668)	-0.2%
Public Works	2,188,442	841,930	15.8%	2,037,700	940,544	17.7%	(98,615)	-10.5%
Other Financing Uses	-	-	0.0%	-	-	0.0%	0	
TOTAL EXPENSES	12,359,519	5,319,064	100.0%	11,785,673	5,315,279	100.0%	3,784	0.1%
NET REVENUES/(EXPENSES)	1,566,781	4,099,985		1,308,177	3,685,493		414,492	11.2%
INCOMING TRANSFERS	394,540	191,924		311,350	184,627		7,296	
OUTGOING TRANSFERS	(1,960,130)	(976,526)		(1,658,100)	(688,405)		(288,121)	41.9%
(DEFICIT)/SURPLUS	1,191	3,315,383		(38,573)	3,181,716		133,667	4.2%
BEGINNING FUND BALANCE	2,974,172	2,974,172		3,000,723	3,000,723		(26,551)	-0.9%
ENDING FUND BALANCE	2,975,362	6,289,555		2,962,150	6,182,438		107,116	1.7%

**MONTGOMERY TOWNSHIP
STATEMENT OF CHANGES IN FUND BALANCE
GENERAL FUND
AS OF JUNE 30, 2017**

June				DOLLAR	PERCENT
	June 2017 Monthly Budget	2017 YTD BUDGET (1)	2017 ACTUAL (2)	VARIANCE Monthly Budget to Actual	VARIANCE Monthly Budget to Actual
REVENUES					
Taxes					
Real Estate Tax	1,984,942	2,113,400	2,099,109	114,167	5.4%
Earned Income Tax	3,189,660	5,350,000	2,930,422	(259,238)	-4.8%
Real Estate Transfer Tax	281,922	750,000	287,765	5,842	0.8%
Mercantile Tax	2,084,338	2,120,000	2,030,927	(53,411)	-2.5%
Occupation Privilege Tax/Local Services Tax	292,803	557,500	292,118	(685)	-0.1%
Amusement Tax	25,941	63,000	33,859	7,918	12.6%
Business Privilege Tax	705,639	780,000	893,642	188,004	24.1%
Total Taxes	8,565,244	11,733,900	8,567,841	2,598	0.0%
Permits and Licenses					
Building Permits	352,786	550,500	343,352	(9,434)	-1.7%
Cable TV	328,525	600,000	307,026	(21,500)	-3.6%
All Others	71,429	93,000	47,843	(23,586)	-25.4%
Total Permits and Licenses	752,740	1,243,500	698,220	(54,520)	-4.4%
Other Sources					
Fines	112,006	175,000	66,926	(45,080)	-25.8%
Interest	11,570	40,000	12,711	1,141	2.9%
Grants	19,922	572,000	6,639	(13,282)	-2.3%
Department Services	38,063	81,900	58,565	20,502	25.0%
Other Financing Sources	3,804	80,000	8,146	4,342	5.4%
Total Other Sources	185,365	948,900	152,987	(32,378)	-3.4%
TOTAL REVENUES	9,503,348	13,926,300	9,419,049	(84,300)	-0.6%
EXPENSES					
Administration	547,541	1,383,477	619,824	72,283	5.2%
Finance	404,041	963,040	451,731	47,690	5.0%
Police	2,921,058	6,925,700	3,020,220	99,162	1.4%
Code	332,259	898,860	385,359	53,100	5.9%
Public Works	838,177	2,188,442	841,930	3,753	0.2%
Other Financing Uses					
TOTAL EXPENSES	5,043,076	12,359,519	5,319,064	275,988	2.2%
NET REVENUES/(EXPENSES)	4,460,273	1,566,781	4,099,985	(360,288)	-8.8%

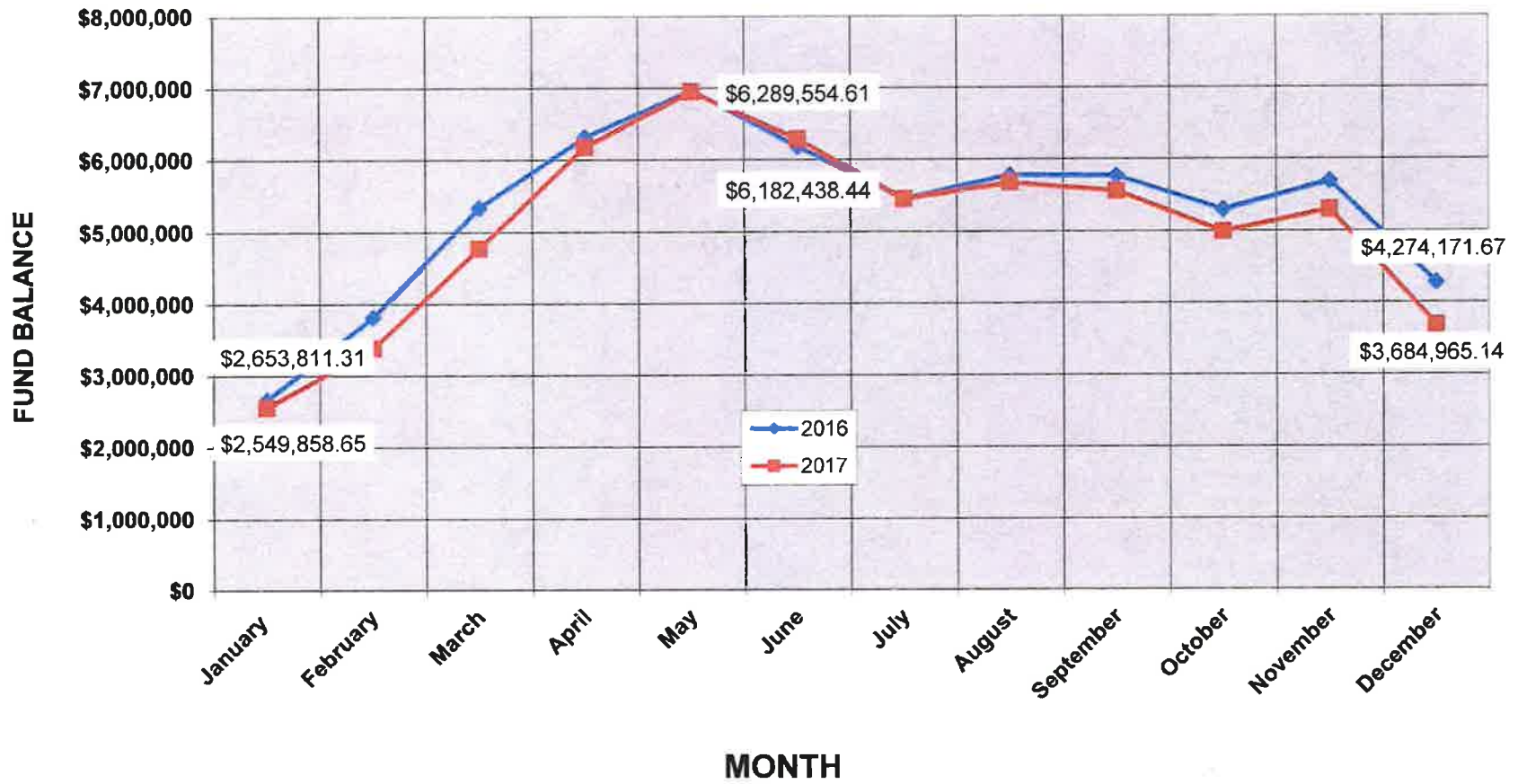
**Montgomery Township
Capital Reserve Fund (30)
6/30/17**

DESIGNATED RESERVES	Budgeted Expenditures	REVENUES	EXPENDITURES	INCOMING TRANSFERS	OUTGOING TRANSFERS	BALANCE BEGINNING 1/1/17	BALANCE ENDING 12/31/17
16 Year Road Plan, curbing, sidewalk				126,000.00		2,240,998.74	2,220,235.91
Road Paving Paving Materials	0.00		12,870.14				
2018 Curb, sidewalk & apron work and handicap r	5,000.00						
2017 Paving specs and construction oversite	25,000.00		105,153.86				
2017 Curb, sidewalk & apron work and handicap r	65,000.00		28738.83				
Extra curb, sidewalk and aprons	30,000.00						
Non Liquid Fuel Curb & Sidewalk & Apron	408,590.00						
10 Year Equipment Plan						1,475,446.13	1,483,587.51
Transfer to General Fund	394,460.00			200,065.00	191,923.62		
Curb and sidewalk - Public Safety - Engineering						71,441.55	71,441.55
Park Equipment Plan				31,420.00		403,305.72	418,478.39
Transfer to Park Fund	12,820.00				16,247.33		
Fire Equipment Plan						1,444,595.52	1,444,595.52
Ladder truck	700,000.00						
Capital Replacement Trfr to Fire Fund	71,500.00						
Basin Equipment Plan	73,200.00				36,600.00	151,350.74	114,750.74
Township Building Parking Lot						50,000.00	50,000.00
Township Building Renovation						50,000.00	50,000.00
HVAC System Upgrades for Township Building	17,890.00		17,890.00	7,500.00		175,000.00	164,610.00
Operating Contingency				155,000.00		318,404.15	473,404.15
NPDES Permit						182,629.83	162,975.46
Yr 14 Requirements NPDES permit	12,500.00		13,404.37				
TMDL Strategy, NOI for 2018 Permit & Wissahicko	61,250.00		6,250.00				
Storm Water Pipe Replacement Reserve						150,000.00	150,000.00
Drainage Projects						238,443.86	232,583.94
Storm Pipe Winter Drive			5,859.92				
Knapp Rd Lane Expansion (Wegman's contribution)						261,300.00	261,300.00
Five Points Project						72,497.16	66,499.89
Engineering and Construction/Oversite	15,000.00		5,997.27				
County Line Road Improvements						87,322.25	87,187.25
County Line and Doylestown Rd Oversite	10,000.00		135.00				
Route 63 ITS						8,562.50	8,562.50
Oversight and Design	7,500.00						
Capital Improvements from Developers						123,825.00	123,825.00
Open Space						1,281,518.25	1,280,993.25
Zehr			525.00				
Park Capital Plan						187,740.07	139,781.52
Powerline Trail	150,000.00		31,837.57				
Spring Valley Hockey Court Rebuild	108,740.00		16,120.98				
Community/Recreation Center						147,616.00	125,187.67
New Capital Equipment Reimb to Rec Center	51,700.00				22,428.33		
Replacement Capital Equipment Reimb to Rec Ce	1,400.00						
Police Radios	40,510.00				39,848.84	121,687.68	81,838.84
Technology Improvements						150,000.00	150,000.00
Subtotal Designated Reserves	2,262,060.00	0.00	244,782.94	519,985.00	307,048.12	9,476,185.15	9,444,339.09

UNDESIGNATED RESERVES	DETAIL	REVENUES	EXPENDITURES	INCOMING TRANSFERS	OUTGOING TRANSFERS	BALANCE BEGINNING 1/1/17	BALANCE ENDING 12/31/17
INTEREST/G(L)		47,709.81					
ADMINISTRATION							
	FMLA, STD, Leave Software Module or Package	4,000					
	iPad Air 2 for New BOS	800					
		<u>4,800</u>					
FINANCE							
	Standing Desk - Finance Director	650.00	305.98				
		<u>650.00</u>					
INFORMATION TECHNOLOGY							
	IP Handsets - Gigabit 9611g	850					
	Standing Desk - IT Director	650	615.37				
	iPad Air 2 for IT	1,000					
	Business Continuity Switch (Battalion 1)	2,000					
		<u>4,500</u>					
POLICE							
	Internal Biodirectional Antenna	19,000.00					
	Portable Radar Speed Sign	2,700.00					
	22 Police Station Common Area Chairs	2,500.00					
	Two Printers (Lieutenants)	1,000.00	670.76				
	Tactical Patrol Rifle Lights	1,300.00	2,429.60				
	2 Dogtra Electronic Collars	550.00	327.99				
	2 Impact Collapsible Dog Crates	1,200.00	1,121.98				
	Microsoft GSA Office Plus (10 Licenses)	3,600.00					
	CCTV Camera for Common Area Interview Room	1,600.00					
		<u>33,450.00</u>					
FIRE							
	2016 FCEMS Grant		14,417.24				
	Synology Backup HDD	1,100.00	1,054.81				
	Squad 18 Toughbook (MDC)	4,500.00	4,445.65				
	New 28' Ground Ladder	1,200.00					
		<u>6,800.00</u>					
PLANNING			836.00				
	Tablet for Offsite Inspections	2,000.00					
	Lateral Filing Cabinets, Plan Holder, Chairs	3,000.00					
	Public Portal for Work Orders	9,200.00					
	GIS Software	5,000.00					
	Skyline - GIS Public Access	2,400.00					
		<u>21,600.00</u>					
PUBLIC WORKS							
	DPW Garage Wi-Fi	2,000.00	1,903.23				
		<u>2,000.00</u>					
PARK AND RECREATION							
	Tables and Benches	3,000.00					
		<u>3,000.00</u>					
Subtotal Undesignated Expenditures	76,800.00	62,963.05	12,875.37	0.00	0.00	1,023,729.84	1,073,817.52
Total All Reserves	2,338,860	62,963.05	257,658.31	519,985.00	307,048.12	10,499,914.99	10,518,156.61

General Ledger Balance 10,518,156.61
 Difference 0.00

**GENERAL FUND CASH BALANCE
2016 ACTUAL VS 2017 PROJECTION
AS OF JUNE 30, 2017**



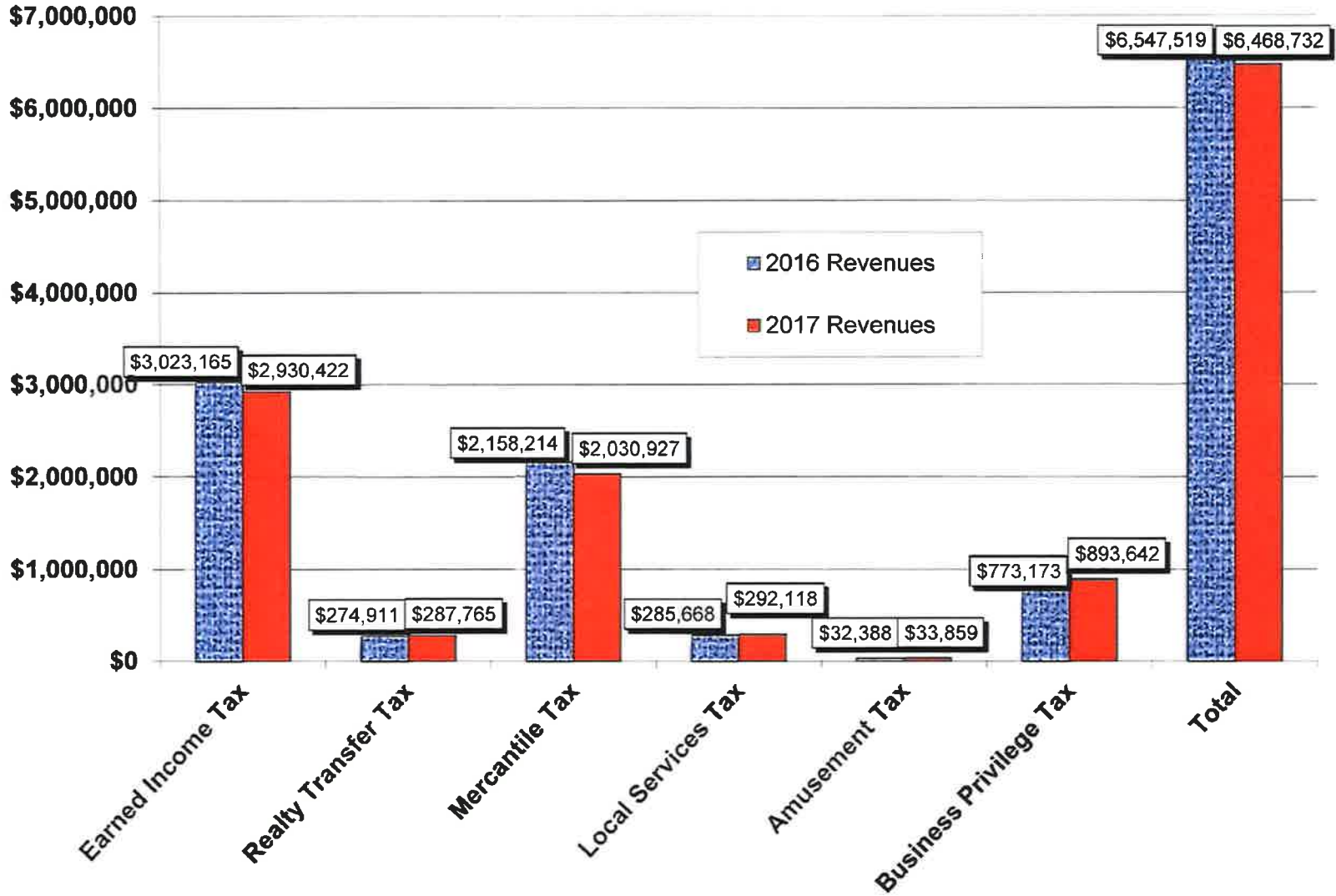
Cash Balance - General Fund 2016

	Beginning Bal	Revenues	Expenditures	Ending Balance
January	\$3,000,722.92	\$290,346.37	\$637,257.98	\$2,653,811.31
February	\$2,653,811.31	\$2,081,247.95	\$922,812.77	\$3,812,246.49
March	\$3,812,246.49	\$2,703,508.22	\$1,182,791.65	\$5,332,963.06
April	\$5,332,963.06	\$1,951,213.41	\$968,684.10	\$6,315,492.37
May	\$6,315,492.37	\$1,617,498.43	\$961,069.97	\$6,971,920.83
June	\$6,971,920.83	\$541,585.07	\$1,331,067.46	\$6,182,438.44
July	\$6,182,438.44	\$359,692.83	\$1,089,226.32	\$5,452,904.95
August	\$5,452,904.95	\$1,412,479.95	\$1,085,760.66	\$5,779,624.24
September	\$5,779,624.24	\$1,018,625.70	\$1,030,696.09	\$5,767,553.85
October	\$5,767,553.85	\$416,477.59	\$890,466.31	\$5,293,565.13
November	\$5,293,565.13	\$1,339,479.22	\$942,719.26	\$5,690,325.09
December (prior to surplus balance transfer)	\$5,690,325.09	\$519,340.32	\$1,935,493.74	\$4,274,171.67
	FINAL	\$14,251,495.06	\$12,978,046.31	
	FINAL BUDGET	\$13,405,200.00	\$13,443,773.40	
	OVER/(UNDER)	\$846,295.06	(\$465,727.09)	
	OVER/(UNDER)	6.31%	-3.46%	

General Fund Cash Balance Projection 2017

January	\$2,974,171.67	\$264,528.02	\$688,841.04	\$2,549,858.65
February	\$2,549,858.65	\$1,752,250.24	\$923,672.48	\$3,378,436.41
March	\$3,378,436.41	\$2,707,601.57	\$1,317,186.09	\$4,768,851.89
April	\$4,768,851.89	\$2,397,462.55	\$988,962.08	\$6,177,352.36
May	\$6,177,352.36	\$1,775,467.22	\$1,000,132.11	\$6,952,687.47
June	\$6,952,687.47	\$713,662.66	\$1,376,795.52	\$6,289,554.61
July	\$6,289,554.61	\$361,443.02	\$1,201,824.87	\$5,449,172.76
August	\$5,449,172.76	\$1,419,352.80	\$1,198,000.95	\$5,670,524.61
September	\$5,670,524.61	\$1,023,582.13	\$1,137,244.09	\$5,556,862.64
October	\$5,556,862.64	\$418,504.09	\$982,518.09	\$4,992,848.64
November	\$4,992,848.64	\$1,345,996.86	\$1,040,172.67	\$5,298,672.83
December	\$5,298,672.83	\$521,867.33	\$2,135,575.02	\$3,684,965.14
	PROJECTED	\$14,701,718.48	\$13,990,925.02	
	BUDGET	\$14,320,840.00	\$14,319,649.25	
	OVER/(UNDER)	\$380,878.48	(\$328,724.23)	
	OVER/(UNDER)	2.66%	-2.30%	

Local Enabling Tax Revenue Comparison 2016 - 2017 As of June 30, 2017



EIT Revenues - All Funds 2012-2017

	2012 Actual	2013 Actual	2014 Actual	2015 Actual	2016 Actual	2017 Projection	
January	\$ 197,259.13	\$ 535,759.55	\$ 249,949.20	\$ 138,265.04	\$ 138,457.99	\$ 154,038.34	A
February	\$ 538,222.66	\$ 397,017.02	\$ 813,824.55	\$ 906,222.69	\$ 954,271.37	\$ 960,043.66	A
March	\$ 307,230.24	\$ 666,263.64	\$ 292,691.28	\$ 401,711.77	\$ 455,774.99	\$ 262,112.84	A
April	\$ 496,591.48	\$ 381,095.99	\$ 315,738.21	\$ 272,582.32	\$ 277,769.41	\$ 264,906.10	A
May	\$ 476,145.96	\$ 320,503.58	\$ 380,377.66	\$ 1,031,984.60	\$ 1,131,146.20	\$ 1,222,372.10	A
June	\$ 301,908.59	\$ 653,590.27	\$ 708,867.46	\$ 378,503.55	\$ 270,744.99	\$ 291,948.88	A
July	\$ 356,442.04	\$ 390,585.66	\$ 318,251.22	\$ 188,684.52	\$ 103,934.80	\$ 103,934.80	E
August	\$ 359,978.62	\$ 297,611.83	\$ 564,576.40	\$ 752,386.09	\$ 890,739.12	\$ 890,739.12	E
September	\$ 241,508.20	\$ 443,941.20	\$ 533,453.92	\$ 456,139.99	\$ 254,262.14	\$ 254,262.14	E
October	\$ 390,398.27	\$ 240,987.76	\$ 172,392.63	\$ 127,735.05	\$ 148,233.40	\$ 148,233.40	E
November	\$ 352,140.12	\$ 604,921.93	\$ 680,190.01	\$ 628,963.75	\$ 900,021.95	\$ 900,021.95	E
December	\$ 426,915.26	\$ 414,332.39	\$ 479,479.59	\$ 569,028.17	\$ 332,696.79	\$ 332,696.79	E
Subtotal collections	\$ 4,444,740.57	\$ 5,346,610.82	\$ 5,509,792.13	\$ 5,852,207.54	\$ 5,858,053.15	\$ 5,785,310.12	
		20.29%	3.05%	6.21%	0.10%	-1.24%	

Tax Collector's Monthly Report to Taxing Districts
For the Month of JUN 2017
Montgomery Township

	Real Estate	Interim 2016	Interim 2017	Street Light	
A. Collections					
1. Balance Collectable - Beginning of Month	153,831.07	\$ 1,673.09	\$ 11,602.01	\$ 7,780.00	
2A. Additions: During the Month (*)			\$ 1,066.68		
2B. Deductions: Credits During the Month - (from line 17)					
3. Total Collectable	\$ 153,831.07	\$ 1,673.09	\$ 12,668.69	\$ 7,780.00	
4. Less: Face Collections for the Month	\$ 99,253.86	\$ 881.85	\$ 1,972.95	\$ 5,420.00	
5. Less: Deletions from the List (*)	\$ -				
6. Less: Exonerations (*)					
7. Less: Liens/Non-Lienable Installments (*)					
8. Balance Collectable - End of Month	\$ 54,577.21	\$ 791.24	\$ 10,695.74	\$ 2,360.00	
9. Face Amount of Collections - (must agree with line 4)	\$ 99,253.86	\$ 881.85	\$ 1,972.95	\$ 5,420.00	
10. Plus: Penalties	\$ -	\$ 88.18	\$ -	\$ -	
11. Less: Discounts	\$ 2.97	\$ -	\$ 28.31	\$ -	
12. Total Cash Collected per Column	\$ 99,250.89	\$ 970.03	\$ 1,944.64	\$ 5,420.00	
13. Total Cash Collected - (12A + 12B + 12C + 12D)					\$ 107,585.56

(*) ATTACH ANY SUPPORTING DOCUMENTATION REQUIRED BY YOUR TAXING DISTRICT

C. Payment of Taxes

14. Amount Remitted During the Month (*)

Date	Transaction #	Amount	TOTAL ALL TAXES
07/05/17		107,585.56	
Total			\$ 107,585.56

15. Amount Paid with this Report Applicable to this Reporting Month

Transaction #

16. Total Remitted This Month

\$ 107,585.56

17. List, Other Credit Adjustments (*)

Parcel #	Name	Amount	
Total			\$ -

18. Interest Earnings (if applicable) \$ _____

TAXING DISTRICT USE (OPTIONAL)

Carryover from Previous Month

Amount Collected This Month

Less Amount Paid this Month

Ending Balance \$ -

 7/5/17
 Tax Collector Date

I verify this is a complete and accurate reporting of the balance collectable, taxes collected and remitted for the month.

Received by (taxing district): _____

Title: _____ Date: _____

I acknowledge the receipt of this report.

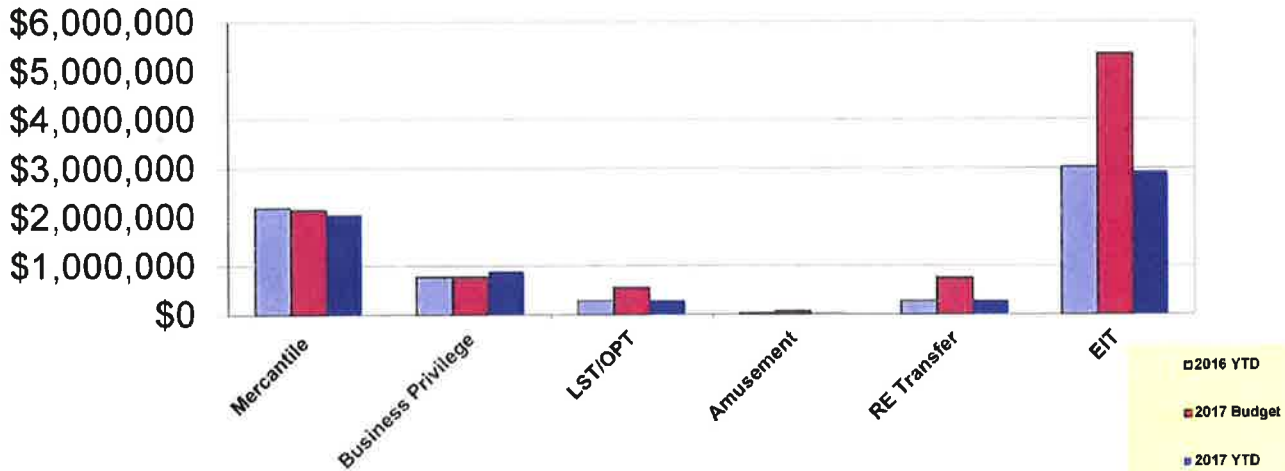
**BUSINESS TAX OFFICE
MONTHLY REPORT
Jun-17**

NEW BUSINESSES ADDED TO TAX ROLLS

NAME

ACT 511 TAXES

	Mercantile	Business Privilege	LST/OPT	Amusement	RE Transfer	EIT	TOTALS
2016 YTD	\$2,192,914	\$773,173	\$285,668	\$32,388	\$274,911	\$3,023,165	\$6,582,219
2017 Budget	\$2,150,000	\$780,000	\$557,500	\$63,000	\$750,000	\$5,350,000	\$9,650,500
2017 YTD	\$2,062,741	\$893,642	\$292,118	\$33,859	\$287,765	\$2,930,422	\$6,500,547
Current Month	\$61,009	\$95,251	\$5,375	\$8,023	\$80,085	\$179,448	\$429,191
% of Budget	95.94%	114.57%	52.40%	53.74%	38.37%	54.77%	67.36%



REAL ESTATE DEED REGISTRATIONS

The Township ceased preregistration of Real Estate Deed Transfers in December 2008. The following information is based on Deed Transfer information provided by the Recorder of Deeds Office along with the monthly Real Estate Transfer Tax.

<u>TYPE</u>	<u># OF UNITS</u>	<u>AVG. PRICE</u>
NEW	2	\$458,027
RESALE	46	\$335,389
DEED CHGS	10	N/A
COMMERCIAL	0	\$0
INDUSTRIAL	0	\$0
LAND	0	\$0
SHERIFF	1	\$2,240
TRANSFER TAXES PAID		\$80,085.32

Montgomery Township Recreation Fund Operating Revenues and Expenditures As of June 30, 2017

Account	2017 Budget	YTD Balance June 30, 2017	% of Budget
REVENUES:			
INTEREST	100.00	0.00	0.00
EARNED INCOME TAX - Allocated from GF	140,000.00	70,000.00	50.00%
	140,100.00	70,000.00	49.96%
 RENTAL	 145,000.00	 48,481.99	 33.44%
	145,000.00	48,481.99	33.44%
 RECREATION PROGRAM FEES	 92,700.00	 89,910.18	 96.99%
KIDS U REVENUE	215,000.00	253,841.00	118.07%
MEMBERSHIPS	190,000.00	125,749.00	66.18%
SHOP REVENUE/SALES	2,000.00	362.44	18.12%
SILVER SNEAKER INS REV	7,000.00	7,175.00	102.50%
	506,700.00	477,037.62	94.15%
 FROM GENERAL FUND	 205,200.00	 102,600.00	 50.00%
FROM CAPITAL RESERVE	53,100.00	22,428.33	42.24%
	258,300.00	125,028.33	48.40%
 Total Revenues	 1,050,100.00	 720,547.94	 68.62%

EXPENDITURES:

Administration:

CONSULTING SERVICES	1,000.00	1,051.54	105.15%
LEGAL SERVICES	1,000.00	0.00	0.00%
BANK FEES	11,000.00	10,414.17	94.67%
CAPITAL - NEW	51,700.00	21,028.33	40.67%
	64,700.00	32,494.04	50.22%

Montgomery Township Recreation Fund
Operating Revenues and Expenditures
As of June 30, 2017

Account	2017 Budget	YTD Balance June 30, 2017	% of Budget
<i>Recreation Center:</i>			
TO NON-UNIFORMED PENSION	16,900.00	5,428.55	32.12%
SALARIES	210,100.00	92,136.94	43.85%
WAGES	105,000.00	49,469.68	47.11%
OVERTIME	3,000.00	158.25	5.28%
MEDICAL	72,100.00	35,249.46	48.89%
SOCIAL SECURITY	25,900.00	10,739.43	41.46%
EMPLOYEE BENEFITS	12,100.00	7,503.96	62.02%
OFFICE SUPPLIES	6,000.00	1,435.22	23.92%
OPERATING SUPPLIES	9,000.00	2,906.60	32.30%
VEHICLE FUEL	500.00	0.00	0.00%
VEHICLE MAINTENANCE	500.00	5.84	1.17%
PROFESSIONAL SERVICES	136,000.00	54,633.09	40.17%
CONSULTING SERVICES	84,700.00	52,558.76	62.05%
INFORMATION SERVICES	13,870.00	9,958.05	71.80%
COMMUNICATION	13,750.00	6,719.36	48.87%
PUBLIC INFORMATION	35,000.00	11,016.74	31.48%
INSURANCE	14,020.00	7,012.65	50.02%
WORKERS COMPENSATION	19,000.00	6,774.72	35.66%
PUBLIC UTILITIES	42,000.00	20,648.28	49.16%
BUILDING MAINTENANCE	33,200.00	31,093.32	93.65%
RENTALS	5,500.00	1,638.05	29.78%
DUES AND SUBSCRIPTIONS	600.00	259.00	43.17%
MEETINGS AND CONFERENCES	1,570.00	1,201.45	76.53%
CAPITAL - REPLACEMENT	1,400.00	1,400.00	0.00%
	861,710.00	409,947.40	47.57%
<i>Kids U:</i>			
WAGES	77,000.00	11,140.73	14.47%
OVERTIME	1,000.00	157.04	15.70%
SOCIAL SECURITY	6,000.00	951.40	15.86%
CONSULTING SERVICES	35,000.00	19,330.51	55.23%
COMMUNICATION	1,000.00	589.99	59.00%
PUBLIC INFORMATION	1,000.00	0.00	0.00%
	121,000.00	32,169.67	26.59%
<i>Total Expenditures</i>	1,047,410.00	474,611.11	45.31%
<i>Net Revenues/Expenditures</i>	2,690.00	245,936.83	



14 North Main Street
c/o Trust Department
P.O. Box 559
Souderton, PA 18964-0559

Statement of Account

**Montgomery Township
Investment Management Account
U/A dated 8/27/12**

Account Number : 31277100

For the Period June 1, 2017 Through June 30, 2017

*Please contact your relationship manager with any questions concerning your account
James M. Spindler (267) 898-0532*

**Vickie Zidek
Montgomery Township, Acctg Supervisor
1001 Stump Road
Montgomeryville, PA 18936-9605**

Confidential and Privileged Information

June 01, 2017 To June 30, 2017

Account Name : Montgomery Township

Account No : 31277100

Table Of Contents

<u>Report</u>	<u>Page Number</u>
Investment Summary	3
Investment Holdings	4
Account Transactions	8
Statement Messages	10

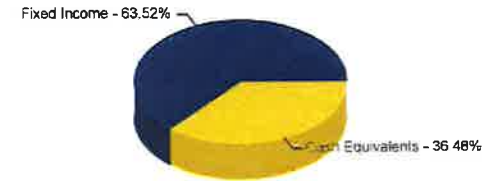
Account Name : Montgomery Township

Investment Summary

Account No : 31277100

June 01, 2017 To June 30, 2017

	Percent of Portfolio		Market Value
Fixed Income	63.52%	\$	9,300,000.00
Cash Equivalents	36.48%	\$	5,340,165.02
	100.00%	\$	14,640,165.02



Account Summary

	Statement Period (06/01/2017-06/30/2017)	Year-To-Date (01/01/2017-06/30/2017)
Beginning Market Value	\$ 14,626,316.81	\$ 14,570,235.04
Cash Deposits	0.00	0.00
Asset Deposits	0.00	0.00
Cash Withdrawals & Distributions	0.00	0.00
Asset Withdrawals & Distributions	0.00	0.00
Administrative Expenses	(1,250.58)	(7,922.17)
Tax Free Interest & Dividends	0.00	0.00
Taxable Interest & Dividends	15,125.29	78,236.40
Realized Gain/(Loss)	135.00	135.00
Unrealized Gain/(Loss)	(161.50)	(519.25)
Ending Market Value	\$ 14,640,165.02	\$ 14,640,165.02

Account Name : Montgomery Township

Summary Of Investment Holdings

Account No : 31277100

June 01, 2017 To June 30, 2017

Shares or Par Value	Asset Description			Unit Value	Market Value	Tax Cost	Unrealized Gain/Loss	Curr. Yield	Estimated Portfolio Ann. Inc.	Percent
Money Market Funds-Univest										
4,880,031.1	Univest Public Funds Money Market UNPFMM			1.00	4,880,031.10	4,880,031.10	0.00	0.20%	9,760.06	33.33%
460,133.92 *	Univest Public Funds Money Market UNPFMM			1.00	460,133.92	460,133.92	0.00	0.20%	920.27	3.14%
Totals					5,340,165.02	5,340,165.02	0.00	0.20%	10,680.33	36.47%
C/D-Brokered										
250,000	Stearns Bank NA Dated 12/30/14	1.200%	11/30/2017	100.00	250,000.00	250,000.00	0.00	1.20%	3,000.00	1.71%
250,000	Flushing Bank Dated 12/12/14	1.300%	12/12/2017	100.00	250,000.00	250,000.00	0.00	1.30%	3,250.00	1.71%
250,000	Webster Five Cents Savings B Dated 12/17/14	1.150%	12/18/2017	100.00	250,000.00	250,000.00	0.00	1.15%	2,875.00	1.71%
250,000	Bank United NA Dated 12/19/14	1.250%	12/19/2017	100.00	250,000.00	250,000.00	0.00	1.25%	3,125.00	1.71%
250,000	Belmont Savings Bank Dated 12/23/14	1.150%	12/26/2017	100.00	250,000.00	250,000.00	0.00	1.15%	2,875.00	1.71%
250,000	Morton Community Bank dtd 12/30/14	1.150%	12/29/2017	100.00	250,000.00	250,000.00	0.00	1.15%	2,875.00	1.71%
250,000	Revere Bank Dated 12/3/14	1.150%	12/29/2017	100.00	250,000.00	250,000.00	0.00	1.15%	2,875.00	1.71%
250,000	Bank Leumi NY Dated 1/23/15	1.150%	01/23/2018	100.00	250,000.00	250,000.00	0.00	1.15%	2,875.00	1.71%
250,000	Peoples United Bank Dated 2/4/15	1.100%	02/05/2018	100.00	250,000.00	250,000.00	0.00	1.10%	2,750.00	1.71%
250,000	Comenity Capital Bank Utah Dated 12/8/14	1.500%	03/08/2018	100.00	250,000.00	250,000.00	0.00	1.50%	3,750.00	1.71%
250,000	First Partners Bank dtd 2/12/15	1.050%	05/11/2018	100.00	250,000.00	250,000.00	0.00	1.05%	2,625.00	1.71%
250,000	Bank of North Carolina	1.500%	06/29/2018	100.00	250,000.00	250,000.00	0.00	1.50%	3,750.00	1.71%

Account Name : Montgomery Township

Summary Of Investment Holdings

Account No : 31277100

June 01, 2017 To June 30, 2017

Shares or Par Value	Asset Description	Unit Value	Market Value	Tax Cost	Unrealized Gain/Loss	Curr. Yield	Estimated Portfolio Ann. Inc.	Percent
C/D-Brokered								
250,000	Gulf Coast Bank 1.3000% 07/2 Dated 1/23/15	100.00	250,000.00	250,000.00	0.00	1.30%	3,250.00	1.71%
250,000	Southwest Bank 1.3000% 07/30 Dated 1/28/15	100.00	250,000.00	250,000.00	0.00	1.30%	3,250.00	1.71%
250,000	Third Federal Savings & Loa Dated 2/13/15	100.00	250,000.00	250,000.00	0.00	1.25%	3,125.00	1.71%
250,000	State Bank of India NY Dated 12/5/14	100.00	250,000.00	250,000.00	0.00	2.00%	5,000.00	1.71%
150,000	Farmers & Merchants Savings dtd 12/19/14	100.00	150,000.00	150,000.00	0.00	1.50%	2,250.00	1.02%
200,000	Sanford Institution for Savi Dated 1/9/15	100.00	200,000.00	200,000.00	0.00	1.45%	2,900.00	1.37%
250,000	Ally Bank (UT) Dtd 01/14/16	100.00	250,000.00	250,000.00	0.00	1.60%	4,000.00	1.71%
250,000	Iberiabank 1.4500% 01/14/19 Dated 1/13/15	100.00	250,000.00	250,000.00	0.00	1.45%	3,625.00	1.71%
250,000	Bridgewater Bank Bloomingto Dated 1/20/15	100.00	250,000.00	250,000.00	0.00	1.45%	3,625.00	1.71%
200,000	Westside State Bank Iowa Dated 1/20/15	100.00	200,000.00	200,000.00	0.00	1.45%	2,900.00	1.37%
250,000	BMW Bank of NA Dtd 01/22/16	100.00	250,000.00	250,000.00	0.00	1.60%	4,000.00	1.71%
250,000	Capital One Bank (USA) NA Dated 1/22/15	100.00	250,000.00	250,000.00	0.00	1.55%	3,875.00	1.71%
250,000	Carolina Trust Bank Dated 1/21/15	100.00	250,000.00	250,000.00	0.00	1.50%	3,750.00	1.71%
250,000	Key Bank NA Ohio Dtd 01/20/16	100.00	250,000.00	250,000.00	0.00	1.55%	3,875.00	1.71%

Account Name : Montgomery Township

Summary Of Investment Holdings

Account No : 31277100

June 01, 2017 To June 30, 2017

Shares or Par Value	Asset Description	Unit Value	Market Value	Tax Cost	Unrealized Gain/Loss	Curr. Yield	Estimated Portfolio Ann. Inc.	Percent		
C/D-Brokered										
250,000	Lakeside Bank Chicago IL Dtd 01/22/16	1.400%	01/22/2019	100.00	250,000.00	250,000.00	0.00	1.40%	3,500.00	1.71%
250,000	Wells Fargo Bk N A Dtd 01/20/16	1.500%	01/22/2019	100.00	250,000.00	250,000.00	0.00	1.50%	3,750.00	1.71%
250,000	First Financial Bank Dated 1/23/15	1.400%	01/23/2019	100.00	250,000.00	250,000.00	0.00	1.40%	3,500.00	1.71%
250,000	Everbank FL Dated 2/13/15	1.300%	02/13/2019	100.00	250,000.00	250,000.00	0.00	1.30%	3,250.00	1.71%
250,000	Independent Bk Memphis Tenn Dtd 01/22/16	1.400%	06/21/2019	100.00	250,000.00	250,000.00	0.00	1.40%	3,500.00	1.71%
250,000	Communitybank Tex N A Beaum Dtd 03/16/16	1.200%	07/16/2019	100.00	250,000.00	250,000.00	0.00	1.20%	3,000.00	1.71%
250,000	American Express Bank FSB dtd 7/29/15	2.050%	07/29/2019	100.00	250,000.00	250,000.00	0.00	2.05%	5,125.00	1.71%
250,000	First Business Bk Madison Dtd 07/31/15	1.700%	07/31/2019	100.00	250,000.00	250,000.00	0.00	1.70%	4,250.00	1.71%
250,000	Capital One Natl Assn VA Dtd 08/05/15	2.050%	08/05/2019	100.00	250,000.00	250,000.00	0.00	2.05%	5,125.00	1.71%
250,000	First Source Bk South Bend Dtd 08/14/15	1.600%	08/14/2019	100.00	250,000.00	250,000.00	0.00	1.60%	4,000.00	1.71%
250,000	Marlin Business Bank UT Dtd 01/22/16	1.600%	01/22/2020	100.00	250,000.00	250,000.00	0.00	1.60%	4,000.00	1.71%
250,000	Business Bk St Louis Mo Dtd 02/19/16	1.450%	08/19/2020	100.00	250,000.00	250,000.00	0.00	1.45%	3,625.00	1.71%
Totals					9,300,000.00	9,300,000.00	0.00	1.43%	132,675.00	63.61%

Account Name : Montgomery Township

Summary Of Investment Holdings

Account No : 31277100

June 01, 2017 To June 30, 2017

Shares or Par Value	Asset Description	Unit Value	Market Value	Tax Cost	Unrealized Gain/Loss	Curr. Yield	Estimated Portfolio Ann. Inc.	Portfolio Percent
	<i>Total Investments</i>		14,640,165.02	14,640,165.02	0.00	0.98%	143,355.33	100.00%
	<i>Plus Net Cash</i>		0.00					
	<i>Total Market Value</i>		14,640,165.02					

Note : '*' Denotes Invested Income

Account Name : Montgomery Township

Account Transactions

Account No : 31277100

June 01, 2017 To June 30, 2017

Date	Description	Income	Principal
Starting Balances		\$ 0.00	\$ 0.00
Dividends and Interest			
06/01/2017	Southwest Bank 1.3000% 07/30/18	276.03	
06/05/2017	Univest Public Funds Money Market UNPFMM Interest From 05/01/2017 To 05/31/2017	707.02	
06/05/2017	Univest Public Funds Money Market UNPFMM Interest From 05/01/2017 To 05/31/2017	74.98	
06/05/2017	State Bank of India NY 2.000% 12/05/18	2,493.15	
06/06/2017	Customers Bank 1.000% 05/30/17	1,253.42	
06/08/2017	Comenity Capital Bank Utah 1.5000% 03/08/18	318.49	
06/09/2017	Sanford Institution for Savi 1.4500% 01/09/19	246.30	
06/13/2017	First Partners Bank 1.050% 05/11/18	222.95	
06/15/2017	Flushing Bank 1.300% 12/12/17	276.03	
06/16/2017	Communitybank Tex N A Beaum 1.2000% 07/16/19	254.79	
06/19/2017	Webster Five Cents Savings B 1.150% 12/18/17	244.18	
06/19/2017	Business Bk St Louis Mo 1.4500% 08/19/20	307.88	
06/19/2017	Bank United NA 1.250% 12/19/17	1,558.22	
06/20/2017	Bridgewater Bank Bloominto 1.450% 01/18/19	307.88	
06/20/2017	Westside State Bank Iowa 1.450% 01/18/19	246.30	
06/20/2017	Wells Fargo Bk N A 1.5000% 01/22/19	318.49	
06/20/2017	Farmers & Merchants Savings 1.500% 12/19/18	191.10	
06/21/2017	Carolina Trust Bank 1.500% 01/22/19	318.49	
06/22/2017	Lakeside Bank Chicago IL 1.4000% 01/22/19	297.26	
06/22/2017	Martin Business Bank UT 1.6000% 01/22/20	339.73	
06/22/2017	Independent Bk Memphis Tenn 1.4000% 06/21/19	297.26	
06/23/2017	Gulf Coast Bank 1.3000% 07/23/18	276.03	
06/23/2017	First Financial Bank 1.400% 01/23/19	297.26	
06/26/2017	Belmont Savings Bank 1.150% 12/26/17	1,433.56	
06/29/2017	Federal Home Loan Bank 1.000% 06/29/17	1,250.00	
06/30/2017	Revere Bank 1.150% 12/29/17	244.18	
06/30/2017	Stearns Bank NA 1.200% 11/30/17	254.79	
06/30/2017	Bank of North Carolina 1.500% 06/29/18	308.22	
06/30/2017	Morton Community Bank 1.150% 12/29/17	244.18	
06/30/2017	Southwest Bank 1.3000% 07/30/18	267.12	
Sub Total		15,125.29	0.00
Sales, Maturities or Redemptions			

Account Name : Montgomery Township

Account Transactions

Account No : 31277100

June 01, 2017 To June 30, 2017

Date	Description		Income	Principal
06/29/2017	Federal Home Loan Bank 1.000% 06/29/17 Cost Basis Removed \$ 249,865.00 Matured 250000 Par Val @ \$ 100.00			250,000.00
		Sub Total	0.00	250,000.00
06/05/2017	Fee For Period Ending 06/30/2017		-1,250.58	
		<u>MONEY MARKET ACTIVITY</u>		
		16 Purchases (s) For	-263,878.65	
		1 Sale (s) For	3.94	
	<i>Ending Balances</i>		\$ 0.00	\$ 0.00

June 01, 2017 To June 30, 2017

Account Name : Montgomery Township

Account No : 31277100

DISCLOSURES

Univest Bank and Trust Co. (the "Bank") may, on occasion, enter into a rebate arrangement with a third party for the purpose of processing various mutual funds trades, or other investment vehicles. Shareholder Service fees, 12b-1 fees, or other fees received by the third party from participating funds may be shared with the Bank to offset administrative and servicing costs incurred.

The Bank may retain soft dollar services and materials from a broker for investment transactions generated from discretionary accounts. Based on the provisions of SEC Section 28(e), these soft dollars must be used for investment related research or other investment products.

Mutual Fund prices are as of one business day prior to month end.

A Univest money market fund may be used as a sweep vehicle in your account. These funds are not insured over the Federal Deposit Insurance Corporation (FDIC) coverage limit.



MONTGOMERY TOWNSHIP

**2nd Quarter 2017
Budget Report**

GENERAL FUND BALANCE

END OF 2ND QUARTER

2017

• \$6.29
million

2016

• \$6.18
million

↑ 1.7%

This increase is mostly attributable to a 33% increase in General Fund real estate tax revenue, stemming from the debt service millage of .24 mills being redirected to the General Fund in order to reduce the growing Debt Service Fund balance.

GENERAL FUND CASH BALANCE 2016 ACTUAL VS. 2017 PROJECTION AS OF JUNE 30, 2017



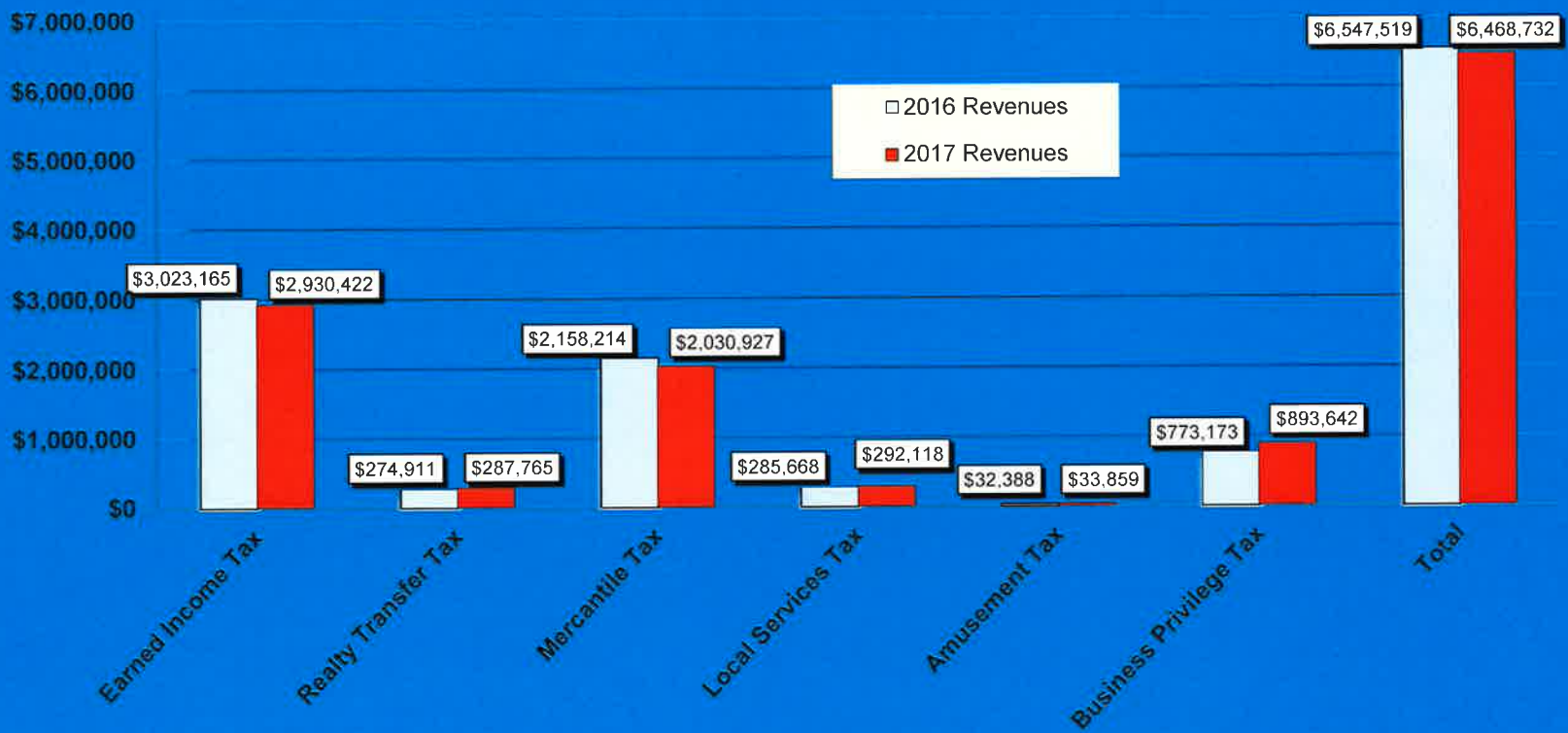
GENERAL FUND REVENUES

- Total revenues, as of the June 30, 2017, are about 5% above prior year, stemming mostly from the real estate tax millage redistribution.
- However, we are showing reductions in revenues from 2016 in two major categories:
 - *Earned Income Tax*: down \$93K - we received a windfall collection in early 2016 of ~\$200K which will not be repeated in 2017. So, taking this into account we are ahead of 2016 revenues.
 - *Mercantile Tax*: down \$127K – although we are still analyzing this data, we have been advised by our business tax consultant that many municipalities are experiencing this reduction due to the recent consumer shift to online shopping.

**GENERAL FUND
REVENUE COMPARISON
2ND QUARTER 2017 VS. 2ND QUARTER 2016**

	<u>2017</u>	<u>2016</u>	<u>% Change</u>
Tax Revenue	\$8,567,841	\$8,117,573	6%
Permits/Licenses Revenue	698,220	714,837	-2%
Other Revenue	<u>152,987</u>	<u>168,362</u>	-9%
Total Revenue	\$9,419,049	\$9,000,772	5%

LOCAL ENABLING TAX REVENUE 2016 – 2017 COMPARISON AS OF JUNE 30, 2017



GENERAL FUND EXPENSE COMPARISON 2ND QUARTER 2017 VS. 2ND QUARTER 2016

	<u>2017</u>	<u>2016</u>	<u>% Change</u>
Administration	\$619,824	\$724,435	-14.4%
Finance & IT	451,731	423,824	6.6%
Police	3,020,220	2,840,449	6.3%
Planning	385,359	386,027	-0.2%
Public Works	841,930	940,544	-10.5%
Total	\$5,319,064	\$5,315,279	0.1%

SUMMARY OF 2ND QUARTER 2017

Revenues

Although we are reporting a decrease in some tax revenue sources, total revenues are up 5%.

Expenses

Up only slightly from 2016 – showing Township's commitment to controlling costs.

Budget Performance

Performing within 2017 budget parameters and on target in both revenues and expenses.

MONTGOMERY TOWNSHIP BOARD OF SUPERVISORS
BOARD ACTION SUMMARY

SUBJECT: Consider Purchase of Fitness Equipment (Spin Bikes) for Community & Recreation Center

MEETING DATE: July 24, 2017

ITEM NUMBER: #9

MEETING/AGENDA: ACTION XX CONSENT NONE

REASON FOR CONSIDERATION: Operational: Policy: Discussion: xx Information:

INITIATED BY: Floyd Shaffer, Director
Community & Recreation Center *Floyd*

BOARD LIAISON: Robert J. Birch & Michael J. Fox
Mont CRC Advisory Committee

BACKGROUND:

The Montgomery Township Community and Recreation Center (Mont CRC) is proposing to purchase five new spin exercise bikes. The CRC current spinning classes are consistently reaching capacity of 10 riders. There are currently seven classes per week and we anticipate adding additional ones to the Fall 2017 Schedule. There are typically waiting lists for five of seven classes. The spin classes (as are all group exercise programs) are included in all Mont CRC memberships.

Township Staff obtained a quote from Life Fitness for \$6,555.45 for the purchase of the five new spin bikes through the PA State Contract - COSTARS 14-16. The purchase of this new fitness equipment was not budgeted under the adopted 2017 Capital Budget. There is funding still available in our current Capital Budget account due to the savings of nearly \$30,000 from the fencing installation project around Great Lawn of the Mont CRC.

The capital purchase at this time will ensure delivery by the fall programming season. New equipment would create a tremendous enhancement for our current patrons as well as potential new members as they participate in our expanding group fitness activities.

ZONING, SUBDIVISION OR LAND DEVELOPMENT IMPACT:

None.

PREVIOUS BOARD ACTION:

None.

ALTERNATIVES/OPTIONS:

None.

BUDGET IMPACT:

This is not a budgeted item, however due to the Great Lawn fencing project being completed under budget, it is recommended to use the additional available line item funds for the spin bike equipment purchase.

RECOMMENDATION:

Township Staff recommends the purchase of the five new spin bikes.

MOTION/RESOLUTION:

BE IT RESOLVED by the Board of Supervisors of Montgomery Township that we hereby approve the purchase of five new spin bikes for the Montgomery Township Community and Recreation Center from Life Fitness in the amount of \$6,555.45.

MOTION: _____ SECOND: _____

ROLL CALL:

Robert J. Birch	Aye	Opposed	Abstain	Absent
Michael J. Fox	Aye	Opposed	Abstain	Absent
Jeffrey W. McDonnell	Aye	Opposed	Abstain	Absent
Richard E. Miniscalco	Aye	Opposed	Abstain	Absent
Candyce F. Chimera	Aye	Opposed	Abstain	Absent

DISTRIBUTION: Board of Supervisors, Frank R. Bartle, Esq.

Quote#

3128320 - 1R



Date 18-JUL-2017 **Expires** 15-OCT-2017



Ship To

MONTGOMERY TOWNSHIP
1030 HORSHAM ROAD
MONTGOMERYVILLE, MONTGOMERY
PA 18936
United States

Contact : FLOYD SHAFFER

O:

M:

F:

Email: FSHAFFER@MONTGOMERYTWP.ORG

Bill To

MONTGOMERY TOWNSHIP
1001 STUMP RD
MONTGOMERYVILLE, MONTGOMERY
PA 18936-9605
US

Contact :

O:

M:

F:

Email:

Sales Representative

DAVID GALCZYK

O: 302-670-0558

M: 302-670-0558

F: 717-326-1235

Email: David.Galczyk@Lifefitness.com

Life Fitness

Phone: Main (847) 288-3300

Toll Free (800) 735-3867

Life Fitness

9525 Bryn Mawr Avenue

Rosemont, IL 60018

USA

Line	Item	Qty	Unit Price	Unit Discount	Unit Price Selling	Total Price Selling
1	IC4 GROUP EXERCISE BIKE IC4 BASE, LF BRND	5	1,699.00	-549.00	1,150.00	5,750.00

Quote#

3128320 - 1R



Date 18-JUL-2017 Expires 15-OCT-2017



PO Number		Subtotal	
Payment Type		List Price	8,495.00
Payment Terms	NET 30	Total Adjustment	-2,745.00
Freight Terms		Selling Price	5,750.00
FOB			
		Freight/Fuel/Installation	805.45
		Tax	TAXES AS APPLICABLE
		Total(USD)	6,555.45

Notes:

PER PA STATE CONTRACT COSTARS 14-16

ADDITIONAL TERMS OF SALE:

Manufacturer REQUIRES that the following products be secured to the floor to stabilize and eliminate rocking or tipping over: any HD Elite Half Rack Short Base, any Synrgy 360 unit (except the 360XL), any Synrgy BlueSky unit, and any of the following units if they will be used for body weight strap training: any Cable Motion unit (CMDAP, OSDAP, CMACO, CMFCO), any Jungle (MJ), any Smith machine (SSM, HSSM, OSSM), any HD Elite Rack (HDE) and Athletic Series Racks (ASPR, HDHR). Some units will require a dynamic bolt to properly secure the unit to the floor, and the dynamic bolt requires a minimum of 4.4 inches of concrete subfloor. FOB Life Fitness' dock. Invoice will issue on shipment. Life Fitness may ship partial orders. Terms and Conditions of Sale which appear on purchaser's document (including Purchase orders) and which are inconsistent with these terms shall be voided. Orders canceled after shipment (or after product starts for Built-To-Order products) are subject to a 20% restocking fee. Delays in delivery at customer request may result in storage fees. Prices are good for 30 days. All invoices will be in U.S. dollars and will reflect Exchange Rate at time of shipment. Payment terms and credit lines are subject to Life Fitness credit approval.

Further, until any Products are paid for in full, Customer hereby grants to, and Life Fitness shall retain, a security interest in and lien on all Products sold to Customer and all proceeds arising out of the sale of the Products by Customer and all discounts, rebates and other funds on Customer's account payable by Life Fitness. Upon Life Fitness' request, a Customer shall execute such documents that may be necessary or reasonable to protect Life Fitness' security interest. When accepted, this quote may be processed, fulfilled, and/or invoiced by Life Fitness and its affiliated companies including Cybex or Brunswick Corporation. By accepting this quote, you agree to make any required payments to the Life Fitness, Cybex, or Brunswick entity that issued the invoice.

Financing Options are available through Life Fitness Leasing. For more information, please contact Michelle Caruso at 847-288-3620 or leasing@lifefitness.com.

MONTGOMERY TOWNSHIP		USD OPERATING UNIT	
Signature	_____	Signature	_____
Name	_____	Name	_____
Title	_____	Title	_____
Effective Date	_____		

IC4 INDOOR CYCLE



IC4
POWERED BY ICG®



HANDLEBAR DEVICE TRAY



MOLDED FORM-FIT STRETCH PLATES



DUAL WATERBOTTLE HOLDER



POLY-V BELT DRIVETRAIN



MAGNETIC RESISTANCE



"USER-ASSIST" HANDLEBAR



PADDED SPORT SADDLE



155MM Q-FACTOR

IC4 INDOOR CYCLE SPECIFICATIONS



*WARRANTY

5 YEARS	Frame construction and welding
3 YEARS	Powder coating, handlebar & seat post assembly (aluminum parts & PVC coating), belt drive system, bottom bracket, flywheel, hub, cranks, pedals, insert sleeves, bowden cables, brake system, gas spring, lever assembly, levelling feet, shroud & top covers
1 YEAR	Saddle construction (stitching & saddle deck not included), ICG electronics (console, cable harness, PCBs & sensors, generator), lithium polymer battery
WEAR ITEMS EXCLUDED FROM WARRANTY: PEDAL STRAPS, PEDAL BINDING SYSTEM, SADDLE SURFACE	

POWER MEASUREMENT (WATT)	No
COMPUTER	No
COMPUTER POWER SUPPLY	No
TRAINING INTENSITY GUIDE	No
CONNECT TECHNOLOGY	No
WORKOUT TRACKING	No
RESISTANCE SYSTEM	Magnetic
EMERGENCY STOP	Push (EN-957-10)
FLYWHEEL	Rear, aluminum, evenly-weighted
DRIVETRAIN	Poly-V belt
DRIVETRAIN GEAR RATIO	1 : 10
FRAME COLOR	Matte slate
FRAME MATERIAL	Steel
SHROUDS/GUARDS	Full frame
FRAME DESIGN	Off-set
ADJUSTMENT TYPE	Dials & levers
POSTS & SLIDERS	Aluminum, pin-to-lock adjustment
USER ASSIST ADJUSTMENTS	Handlebar assisted
Q FACTOR	155mm / 6.1"
CRANK TYPE	CrMo 172,5mm / 6.79"
PEDAL TYPE	Dual-sided SPD & toe cage
HANDLEBAR	Ergo-formed, multi position, soft PVC
HANDLEBAR ADJUSTMENTS	Vertical & horizontal
SADDLE	Unisex padded sport saddle
SADDLE ADJUSTMENTS	Vertical & horizontal
WATER BOTTLE HOLDER	Dual, integrated on handlebar
FRAME STABILIZER BARS	Oversized, hidden bolts & fixings
PROTECTION & STRETCH PLATES	Molded form-fit with stretch plate
MAX USER WEIGHT	150 kg / 330 lbs
ASSEMBLED WEIGHT	50 kg / 110 lbs
ASSEMBLED DIMENSIONS	L132xW52xH120cm / 52"x20.5"x47.2"
LEVELING FEET	4
TRANSPORT WHEELS	2
WARRANTY (PARTS)	3 years*

FOR MORE INFORMATION ABOUT THE IC4 AND OTHER PRODUCTS VISIT TEAMICG.COM

MONTGOMERY TOWNSHIP BOARD OF SUPERVISORS
BOARD ACTION SUMMARY

SUBJECT: Consider Deeds of Dedication – Veronica Lane – Indian Lake Circle – Indian Lake Farm Subdivision – LDS#593

MEETING DATE: July 24, 2017

ITEM NUMBER: #10

MEETING/AGENDA: WORK SESSION

ACTION XX

CONSENT

NONE

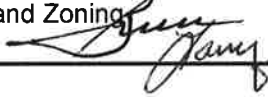
REASON FOR CONSIDERATION: Operational: XX Information: Discussion: Policy:

INITIATED BY: Bruce Shoupe

Director of Planning and Zoning

BOARD LIAISON:

Candyce Fluehr Chimera
Vice Chairman



BACKGROUND:

Attached are Deeds of Dedication for the Indian Lake Farm Subdivision for Veronica Lane and Indian Lake Circle, (and other public improvements (street lights, pedestrian walking bridge and other public improvements), and for the right of way along Richardson Road which will be dedicated to the Township and added the Official street map of the Township.

ZONING, SUBDIVISION OR LAND DEVELOPMENT IMPACT:

None

PREVIOUS BOARD ACTION:

None

ALTERNATIVES/OPTIONS:

Accept or not accept he deeds of dedication.

BUDGET IMPACT:

None.

RECOMMENDATION:

Acceptance of the deeds of dedication for this subdivision.

MOTION/RESOLUTION:

The resolution is attached.

MOTION _____

SECOND _____

ROLL CALL:

Robert J. Birch	Aye	Opposed	Abstain	Absent
Michael J. Fox	Aye	Opposed	Abstain	Absent
Jeffrey W. McDonnell	Aye	Opposed	Abstain	Absent
Richard E. Miniscalco	Aye	Opposed	Abstain	Absent
Candyce Fluehr Chimera	Aye	Opposed	Abstain	Absent

DISTRIBUTION: Board of Supervisors, Frank R. Bartle, Esq.

RESOLUTION NO.
MONTGOMERY TOWNSHIP
MONTGOMERY COUNTY, PENNSYLVANIA

BE IT RESOLVED by the Board of Supervisors of Montgomery Township that we hereby accept the deed of dedication from Indian Lake Farms Estate, L.P., a Pennsylvania limited partnership, for Veronica Lane and Indian Lake Circle (including street lights, pedestrian walking bridge and other public improvements) and right of way along Richardson Road, in conjunction with the Indian Lake Farm Subdivision.

BE IT FURTHER RESOLVED that this acceptance is contingent upon all Township fees being paid, establish an escrow for landscaping identified Boucher and James letter dated June 16, 2017, the Deed of Dedication for Indian Lake Farms subdivision documents, and providing a Maintenance Bond in the amount of \$42,777.26 to the satisfaction of the Township Solicitor.

BE IT FURTHER RESOLVED that the Solicitor is hereby authorized to record the deed in the Montgomery County Courthouse and the Township Engineer and Manager are authorized to add these road(s) to the Township official street map and to advise the Pennsylvania Department of Transportation for the purpose of liquid fuels fund allocation.

MOTION BY:

SECOND BY:

VOTE:

DATE:

xc: Developer, F. Bartle, J. Dougherty, B. Shoupe, K. Costello, M. Stoerrle, Minute Book, Resolution File, File

This is to certify that the above is a true and correct copy of Resolution # , enacted by the Board of Supervisors of Montgomery Township on July 24, 2017.

Deborah A. Rivas, Assistant Secretary

STATE OF PENNSYLVANIA:

COUNTY OF MONTGOMERY:

On this the ____ day of _____, 2017, before me a notary public in and for the Commonwealth of Pennsylvania, personally appeared Deborah Rivas, who acknowledged herself to be the Assistant Secretary of Montgomery Township, and that she as such Assistant Secretary, being authorized to do so, executed the foregoing instrument for the purposes therein contained by signing the name of the Township of Montgomery as Assistant Secretary_____.

IN WITNESS WHEREOF, I have hereunto set my hand and official seal.

Notary Public



Boucher & James, Inc.
CONSULTING ENGINEERS

AN EMPLOYEE OWNED COMPANY
INNOVATIVE ENGINEERING

Fountainville Professional Building
1456 Ferry Road, Building 500
Doylestown, PA 18901
215 345-9400
Fax 215-345-9401

2738 Rimrock Drive
Stroudsburg, PA 18360
570-629-0300
Fax 570-629-0306

559 Main Street, Suite 230
Bethlehem, PA 18018
610-419-9407
Fax 610-419-9408
www.bjengineers.com

June 16, 2017

Mr. James P. Dougherty, P.E.
Gilmore & Associates, Inc.
65 E. Butler Ave. Suite 100
New Britain, PA 18901

**SUBJECT: INDIAN LAKE FARMS
LANDSCAPE STATUS INSPECTION 001
TOWNSHIP LD/S NO. 593
PROJECT NO. 0355182R**

Dear Mr. Dougherty:

Please be advised that on June 15, 2017 I conducted an inspection of the landscaping installed at the Indian Lake Farms site. Landscaping was accepted to begin the maintenance period on December 22, 2015; therefore, the 18-month maintenance period will end on June 18, 2017.

The landscape inspection was conducted in accordance with the approved plan set, prepared by ForeSite Landscape Services, Inc. and McCloskey & Faber, P.C., dated November 5, 2001 and last revised June 15, 2004.

In order to end the maintenance period, all plant material must be alive (as defined by Section 205-49. G of the SLDO), be in acceptable health, and provided, installed and maintained in accordance with the approved plan details and specifications.

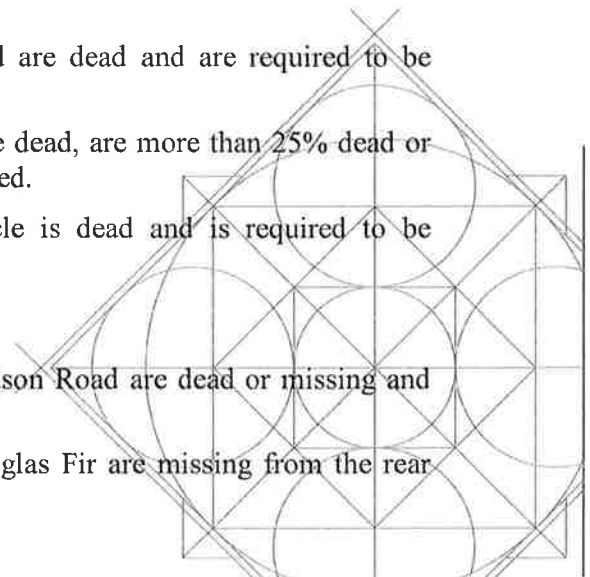
The following landscape material has been found to be **UNACCEPTABLE** to end the maintenance period, and should be removed and/or replaced in accordance with the approved landscape plans.

A. Street Trees

1. Four (4) Chestnut Oaks on Richardson Road are dead and are required to be replaced.
2. Ten (10) Chestnut Oaks on Veronica Lane are dead, are more than 25% dead or have dead leaders and are required to be replaced.
3. One (1) Chestnut Oak on Indian Lake Circle is dead and is required to be replaced.

B. Softening Buffer Landscaping

1. Lot 1: Three (3) Arborvitae adjacent Richardson Road are dead or missing and must be replaced.
2. Lot 2: One (1) Blue Spruce and one (1) Douglas Fir are missing from the rear buffer and must be replaced.



Mr. James P. Dougherty, P.E.
Indian Lake Farms
June 16, 2017
Page 2

3. Lot 13: Five (5) White Pine are missing from the side yard buffer and must be replaced.

C. Individual Lot Landscaping

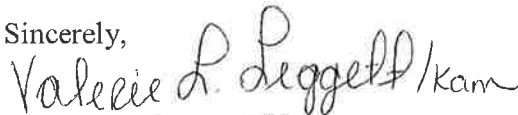
1. Lot 20: One (1) Chestnut Oak planted between the house and the detention basin is missing and must be replaced.
2. Lot 20: Two (2) Chestnut Oaks planted between the house and the detention basin are dead and must be replaced.

D. Detention Basin Landscaping

1. Eight (8) Chestnut Oaks planted around the basin are dead and must be replaced.
2. Thirteen (13) Viburnum shrubs are dead and must be replaced.
3. Six (6) Winterberry shrubs are dead and must be replaced.

The issues presented in this letter should be addressed and an additional inspection scheduled. Substitution requests for plant species and field change requests are required to be forwarded to this office for review and approval prior to installation. Please do not hesitate to contact me if you have any questions or require further information.

Sincerely,



Valerie L. Liggett, ASLA, R.L.A.
ISA Certified Arborist®
Planner/Landscape Architect

VLL/egs

Enclosure(s)

ec: Board of Supervisors
Lawrence Gregan, Township Manager
Bruce Shoupe, Director of Planning and Zoning
Marita Stoerrle, Development Coordinator
Marianne McConnell, Deputy Zoning Officer
Edward Moser, The Moser Group



July 20, 2017

The Moser Group
101 Stewart lane
Chalfont, Pennsylvania 18914
Phone: 215-997-4404
E-Mail: efmoser@mosergroup.com

Attention: Ed Moser

Reference: Indian lake Farm Tree Replacement

Dear Ed:

We are pleased to offer you the pricing below for tree replacement for the end of maintenance period at the project mentioned above. These prices are based on Boucher & James, Inc. Consulting Engineers end of maintenance period inspection letter dated 6/16/2017. All work will be done to Montgomery Township specifications.

LANDSCAPING

3 - 3.5" RED OR SUGAR						
1	MAPLE	26	EA	@	\$350.00	\$9,100.00
2	5-6 FT. ARBORVITAE	3	EA	@	\$85.00	\$255.00
3	8 FT BLUE SPRUCE	1	EA	@	\$250.00	\$250.00
4	8 FT DOUGLAS FIR	1	EA	@	\$250.00	\$250.00
5	36" WINTERBERRY	13	EA	@	\$65.00	\$845.00
6	36" VIBURNUM	6	EA	@	\$65.00	\$390.00

\$11,090.00

We look forward to working on this project with you, if you have any questions on the attached proposal, please don't hesitate to call.

Very truly yours,

Ted Shearba
President

119 Bavington Road, Perkiomenville, PA 18074



July 24, 2017

Irrevocable Letter of Credit No. 989

Beneficiary: Township of Montgomery
1001 Stump Road
Montgomeryville, PA 18936

Applicant: Indianlake Farms Estates LP
300 Brookside Court
Chalfont, PA 18914

Borrower: Edward F. Moser
300 Brookside Court
Chalfont, PA 18914

Term: July 24, 2017 through January 24, 2019

Amount: Forty-Two Thousand Seven Hundred Seventy-Seven Dollars and Twenty-Six Cents
(\$42,777.26)

To Whom It May Concern:

The Bryn Mawr Trust Company ("Lender") is pleased to inform you that it has opened, in your favor, this Irrevocable Letter of Credit No. 989 for the account of Edward F. Moser, in the amount of Forty-Two Thousand Seven Hundred Seventy-Seven Dollars and Twenty-Six Cents (\$42,777.26).

Drafts drawn must be marked "Drawn under The Bryn Mawr Trust Company Letter of Credit No. 989" and be presented, together with the original advice hereof, at the Lender's corporate offices, located at 801 Lancaster Avenue, Bryn Mawr, PA 19010, between the hours of 9:00 A. M. and 3:00 P.M. Monday through Friday, not later than January 24, 2019. Drafts will not be negotiated on any weekday that is a Bank holiday. Partial drawings are permitted. This credit shall be available during the term covered under this Letter of Credit, said term being July 24,

2017 through January 24, 2019. In no event will the Letter of Credit be extended past the Maturity Date of January 24, 2019.

The Lender's only obligation is to honor properly negotiated Drafts drawn against this Letter of Credit, which in total do not exceed the amount stated above. Drafts presented for payment must bear original signatures unless otherwise agreed to by the Lender in writing. The Lender will not determine questions of law or fact at issue between the Lender's customer and parties with whom it deals.

Any inquires about this Letter of Credit and any notices of reduction to or draws against this Letter of Credit should be sent to **Loan Operations Dept., (Attn: Letter of Credit Unit) The Bryn Mawr Trust Company, 801 Lancaster Avenue, Bryn Mawr, PA 19010.**

Except so far as otherwise expressly stated, this credit is subject to the "Uniform Customs and Practice for Documentary Credits (2007 Revision), International Chamber of Commerce Publication No. 600". This Letter of Credit shall also be governed by the Uniform Commercial Code of the Commonwealth of Pennsylvania. This credit will be issued under and governed by the Laws of the Commonwealth of Pennsylvania, if not covered under Uniform Customs and Practice for Documentary Credits.

Very truly yours,

The Bryn Mawr Trust Company

By: 
Richard A. Gentile, Senior Vice President

MONTGOMERY TOWNSHIP BOARD OF SUPERVISORS
BOARD ACTION SUMMARY

SUBJECT: Consider Payment of Bills

MEETING DATE: July 24, 2017

ITEM NUMBER: #11.

MEETING/AGENDA: WORK SESSION

ACTION XX NONE

REASON FOR CONSIDERATION: Operational: XX Information: Discussion: Policy:

INITIATED BY: Lawrence J. Gregan
Township Manager

BOARD LIAISON: Candyce Fluehr Chimera,
Chairman of the Board of Supervisors

BACKGROUND:

Please find attached a list of bills for your review.

ZONING, SUBDIVISION OR LAND DEVELOPMENT IMPACT:

None.

PREVIOUS BOARD ACTION:

None.

ALTERNATIVES/OPTIONS:

None.

BUDGET IMPACT:

None.

RECOMMENDATION:

Approval all bills as presented.

MOTION/RESOLUTION:

None.

DISTRIBUTION: Board of Supervisors, Frank R. Bartle, Esq.

Check Date	Bank	Check	Vendor	Vendor Name	Amount
Bank 01 UNIVEST CHECKING					
07/13/2017	01	68804	100000339	ALLEGIANCE TECHNOLOGY PARTNERS	4,308.03
07/21/2017	01	68805	00000496	21ST CENTURY MEDIA NEWSPAPERS LLC	393.92
07/21/2017	01	68806	00905040	3M COGENT INC.	69.00
07/21/2017	01	68807	00000006	ACME UNIFORMS FOR INDUSTRY	280.26
07/21/2017	01	68808	00001653	ADAM LION	1,100.00
07/21/2017	01	68809	MISC-FIRE	ADAM MORROW	45.00
07/21/2017	01	68810	MISC-FIRE	ADAM WEBSTER	80.00
07/21/2017	01	68811	00001202	AIRGAS, INC.	197.01
07/21/2017	01	68812	MISC-FIRE	ALEXANDER J DEANGELIS	30.00
07/21/2017	01	68813	MISC-FIRE	ANDREW WEINER	30.00
07/21/2017	01	68814	00000027	ARMOUR & SONS ELECTRIC, INC.	592.00
07/21/2017	01	68815	MISC-FIRE	AUSTIN NEDWICK	60.00
07/21/2017	01	68816	00000043	BERGEY'S	4,021.05
07/21/2017	01	68817	00902946	BETTE'S BOUNCES, LLC	2,287.85
07/21/2017	01	68818	MISC-FIRE	BILL WIEGMAN	150.00
07/21/2017	01	68819	00000209	BOUCHER & JAMES, INC.	5,953.17
07/21/2017	01	68820	00000209	VOID	0.00
07/21/2017	01	68821	00000209	BOUCHER & JAMES, INC.	21,027.46
07/21/2017	01	68822	100000128	BOW WOW WASTE	988.00
07/21/2017	01	68823	00000101	BRIAN GERRARD	1,522.43
07/21/2017	01	68824	MISC	BRISTOL ENVIRONMENTAL, INC.	149.69
07/21/2017	01	68825	00000072	CANON FINANCIAL SERVICES, INC	1,622.00
07/21/2017	01	68826	MISC-FIRE	CARL HERR	30.00
07/21/2017	01	68827	00001765	CARRIGAN GEO SERVICES INC.	6,560.00
07/21/2017	01	68828	00001601	CDW GOVERNMENT, INC.	194.97
07/21/2017	01	68829	00000085	CHAMBERS ASSOCIATES, INC.	108.00
07/21/2017	01	68830	00905059	CHRIS ROSELLE	1,500.00
07/21/2017	01	68831	100000447	CLEMENS OUTDOORS	176.00
07/21/2017	01	68832	100000462	COLIN WATERS	50.00
07/21/2017	01	68833	00000363	COMCAST	682.70
07/21/2017	01	68834	00000335	COMCAST CORPORATION	2,022.82
07/21/2017	01	68835	00000222	COMMONWEALTH PRECAST, INC.	345.00
07/21/2017	01	68836	00902816	CONSTANCE A. MCKENNA	45.00
07/21/2017	01	68837	100000418	COSIMO RICCIOLI & SONS	7,817.50
07/21/2017	01	68838	MISC	COSTCO/GH WHOLESALE CLUB LP	1,366.07
07/21/2017	01	68839	00903100	COURIER TIMES, INC.	468.40
07/21/2017	01	68840	MISC	CRYSTAL CLEAR POOLS INC	1,000.00
07/21/2017	01	68841	100000446	CUSTOM FINISHERS	250.00
07/21/2017	01	68842	MISC	D&S CONSTRUCTION MANAGEMENT INC	355.00
07/21/2017	01	68843	MISC	DALTON FRANKLIN & MARION	299.00
07/21/2017	01	68844	100000452	DAVID BUNCH	309.00
07/21/2017	01	68845	MISC-FIRE	DAVID P BENNETT	30.00
07/21/2017	01	68846	00000629	DAVIDHEISER'S INC.	150.00
07/21/2017	01	68847	00001556	DCED-PA DEPT OF COMMUNITY &	1,076.00
07/21/2017	01	68848	100000103	DEEP RUN AQUATIC SERVICES, INC.	518.40
07/21/2017	01	68849	00000125	DISCHELL, BARTLE DOOLEY	9,937.50
07/21/2017	01	68850	00000125	VOID	0.00
07/21/2017	01	68851	100000213	DOG TOWN	364.95
07/21/2017	01	68852	00000967	DVHT - DELAWARE VALLEY HEALTH TRUST	190,251.00
07/21/2017	01	68853	00001520	DVIT - DELAWARE VALLEY INSURANCE	70,127.00
07/21/2017	01	68854	00000120	DVWCT - DELAWARE VALLEY WC TRUST	53,766.00
07/21/2017	01	68855	00906057	E.M. GRANT	1,230.00
07/21/2017	01	68856	00000152	ECKERT SEAMANS CHERIN &	5,832.50
07/21/2017	01	68857	100000429	EDWARD MOUNT	1,800.00
07/21/2017	01	68858	00001873	EGOV STRATEGIES LLC	3,060.00
07/21/2017	01	68859	00001837	ESI EQUIPMENT, INC.	12.00
07/21/2017	01	68860	00000161	EUREKA STONE QUARRY, INC.	340.82
07/21/2017	01	68861	100000129	EUROFINS QC, INC.	66.00
07/21/2017	01	68862	00000169	FEDEX	19.83
07/21/2017	01	68863	100000408	FIRST SOURCE SOLUTIONS	240.75
07/21/2017	01	68864	100000469	FISHERS ACE HARDWARE	23.99
07/21/2017	01	68865	00000180	FRANK CALLAHAN COMPANY, INC.	86.00
07/21/2017	01	68866	100000158	FRANKS THEATRES	1,428.00
07/21/2017	01	68867	00000192	GENERAL RECREATION, INC.	948.00
07/21/2017	01	68868	00000193	GEORGE ALLEN PORTABLE TOILETS, INC.	621.00
07/21/2017	01	68869	MISC	GEORGE RODENBAUGH-INVESTIGATOR	30.01
07/21/2017	01	68870	00001551	GERALD P. DOUGHERTY	996.52
07/21/2017	01	68871	00000198	GLASGOW, INC.	180.00
07/21/2017	01	68872	00000608	GOOSE SQUAD L.L.C.	900.00
07/21/2017	01	68873	100000454	HAERYUN FOLKEN	160.00
07/21/2017	01	68874	00000213	HAJOCA CORPORATION	38.25
07/21/2017	01	68875	100000132	HARRY T. ALLEN	270.00
07/21/2017	01	68876	00902882	HARSHWINDER SINGH	109.00
07/21/2017	01	68877	00000215	HAVIS, INC.	1,808.58
07/21/2017	01	68878	00000903	HOME DEPOT CREDIT SERVICES	526.27
07/21/2017	01	68879	MISC	HOME DESIGN CENTER INC	1,200.00
07/21/2017	01	68880	00441122	HORSHAM CAR WASH	206.00
07/21/2017	01	68881	MISC	JAMES S. MERRITT CO., LLC	29.85

Check Date	Bank	Check	Vendor	Vendor Name	Amount
07/21/2017	01	68882	100000459	JAWAHAR NARAYANAN	119.00
07/21/2017	01	68883	100000461	JOHN BENSON	50.00
07/21/2017	01	68884	MISC-FIRE	JOHN H. MOGENSEN	60.00
07/21/2017	01	68885	100000463	JOHN J & CAROL A ORZECZOWSKI	97.38
07/21/2017	01	68886	MISC-FIRE	JON WASHINGTON	75.00
07/21/2017	01	68887	00000148	JONATHAN S. BEER	550.00
07/21/2017	01	68888	100000467	JOSEPH MILLIGAN	100.00
07/21/2017	01	68889	00000107	KENNEDY CULVERT & SUPPLY CO., INC.	77.00
07/21/2017	01	68890	100000430	KEVIN MCCANN	1,000.00
07/21/2017	01	68891	MISC	LISTEN 2 LIFE, LLC	922.22
07/21/2017	01	68892	00000354	MAD SCIENCE OF WEST NEW JERSEY	340.00
07/21/2017	01	68893	100000449	MARIA FERNANDEZ	75.00
07/21/2017	01	68894	100000466	MARION DALTON	299.00
07/21/2017	01	68895	00000689	MARY KAY KELM, ESQUIRE	500.00
07/21/2017	01	68896	MISC-FIRE	MARY NEWELL	110.00
07/21/2017	01	68897	100000395	MAUREEN CLARKE	450.00
07/21/2017	01	68898	MISC	MCCLOSKEY PARTNERS, LLC	1,521.48
07/21/2017	01	68899	MISC	McDonald's Restaurant	109.33
07/21/2017	01	68900	MISC	MEH Investments	1,236.78
07/21/2017	01	68901	MISC-FIRE	MICHAEL D. SHINTON	30.00
07/21/2017	01	68902	100000453	MICHAEL EWING	149.00
07/21/2017	01	68903	100000455	MICHAEL SEXTON	160.00
07/21/2017	01	68904	MISC-FIRE	MICHAEL SHEARER	15.00
07/21/2017	01	68905	MISC-FIRE	MIKE BEAN	15.00
07/21/2017	01	68906	100000188	MJ EARL	313.50
07/21/2017	01	68907	00000326	MONTGOMERY COUNTY	47.61
07/21/2017	01	68908	00003087	MONTGOMERY COUNTY PUBLIC SAFETY	10,000.00
07/21/2017	01	68909	00000771	MONTGOMERY TOWNSHIP HISTORICAL	6,000.00
07/21/2017	01	68910	1264	MORGAN STANLEY SMITH BARNEY INC	128,453.50
07/21/2017	01	68911	00000324	MOYER INDOOR / OUTDOOR	160.40
07/21/2017	01	68912	00000540	MYSTIC PIZZA	835.00
07/21/2017	01	68913	00905070	NORTH WALES LIBRARY	1,500.00
07/21/2017	01	68914	00000356	NORTH WALES WATER AUTHORITY	75.04
07/21/2017	01	68915	00000356	NORTH WALES WATER AUTHORITY	20,950.00
07/21/2017	01	68916	00000270	NYCE CRETE AND LANDIS CONCRETE	424.29
07/21/2017	01	68917	00001134	OFFICE DEPOT, INC	256.76
07/21/2017	01	68918	100000456	PATRICIA AMELUNG	160.00
07/21/2017	01	68919	100000450	PATRICIA BEADLING	40.00
07/21/2017	01	68920	MISC-FIRE	PAUL R. MOGENSEN	40.00
07/21/2017	01	68921	00000381	PBPMTCA-PA BUSINESS PRIVILEGE &	100.00
07/21/2017	01	68922	00000397	PECO ENERGY	7,586.33
07/21/2017	01	68923	00000399	PECO ENERGY	9,307.44
07/21/2017	01	68924	00000595	PENN VALLEY CHEMICAL COMPANY	275.03
07/21/2017	01	68925	00000388	PENNSYLVANIA ONE CALL SYSTEM, INC.	275.50
07/21/2017	01	68926	00001358	PENNSYLVANIA RECREATION AND PARK	7,218.00
07/21/2017	01	68927	00000447	PETTY CASH - POLICE	102.70
07/21/2017	01	68928	00000446	PHISCON ENTERPRISES, INC.	300.00
07/21/2017	01	68929	00000945	PIPERSVILLE GARDEN CENTER, INC.	404.66
07/21/2017	01	68930	00000252	PURE CLEANERS	579.00
07/21/2017	01	68931	MISC-FIRE	RACHEL GIBSON	45.00
07/21/2017	01	68932	MISC-FIRE	RACHEL TROUTMAN	60.00
07/21/2017	01	68933	100000468	RANITA KURYAN	109.00
07/21/2017	01	68934	00906102	READY REFRESH	183.47
07/21/2017	01	68935	100000428	REBOUNDERZ LANSDALE	1,260.00
07/21/2017	01	68936	00000439	RED THE UNIFORM TAILOR	46.50
07/21/2017	01	68937	100000464	RICHARD J & KATHLEEN A MCMULLIN	114.76
07/21/2017	01	68938	00000117	RIGGINS INC	1,446.90
07/21/2017	01	68939	00000115	RIGGINS, INC	2,039.30
07/21/2017	01	68940	100000412	RODCHINE LUSANE	200.00
07/21/2017	01	68941	MISC	ROMAN SIENKIEWICZ	36.77
07/21/2017	01	68942	00000610	RUBIN, GLICKMAN, STEINBERG AND	573.00
07/21/2017	01	68943	MISC	RUTLEDGE HOME IMP/BLDR	179.00
07/21/2017	01	68944	MISC-FIRE	RYAN CROUTHAMEL	30.00
07/21/2017	01	68945	00000452	S&S WORLDWIDE	695.61
07/21/2017	01	68946	00001618	SEALMASTER	689.94
07/21/2017	01	68947	100000451	SHAHUL ANEES	149.00
07/21/2017	01	68948	100000457	SHARON PALM	60.00
07/21/2017	01	68949	00000833	SHERWIN WILLIAMS COMPANY	31.95
07/21/2017	01	68950	00001030	SIGNAL CONTROL PRODUCTS, INC.	2,571.00
07/21/2017	01	68951	MISC	SOMERVILLE MONTGOMERY LP	886.83
07/21/2017	01	68952	00000015	SPRINT	447.79
07/21/2017	01	68953	00001394	STANDARD INSURANCE COMPANY	7,295.11
07/21/2017	01	68954	00001847	STAPLES CONTRACT & COMMERCIAL, INC.	752.32
07/21/2017	01	68955	MISC-FIRE	STEVE SPLENDIDO	15.00
07/21/2017	01	68956	00000485	SYRENA COLLISION CENTER, INC.	2,005.31
07/21/2017	01	68957	00001982	TEMPLE UNIVERSITY - CJTP	480.00
07/21/2017	01	68958	MISC-FIRE	TOM HUGUENIN	15.00
07/21/2017	01	68959	00001984	TRAFFIC PLANNING AND DESIGN, INC.	10,796.05
07/21/2017	01	68960	00000506	TRANS UNION LLC	60.00
07/21/2017	01	68961	MISC-FIRE	TREVOR DALTON	30.00
07/21/2017	01	68962	100000290	TRIAD TRUCK EQUIPMENT	44,046.90

Check Date	Bank	Check	Vendor	Vendor Name	Amount
07/21/2017	01	68963	00001998	TROPIANO BUS COMPANY LLC	475.00
07/21/2017	01	68964	00001998	TROPIANO BUS COMPANY LLC	475.00
07/21/2017	01	68965	00001998	TROPIANO BUS COMPANY LLC	475.00
07/21/2017	01	68966	00001998	TROPIANO BUS COMPANY LLC	475.00
07/21/2017	01	68967	00001998	TROPIANO BUS COMPANY LLC	475.00
07/21/2017	01	68968	00001998	TROPIANO BUS COMPANY LLC	475.00
07/21/2017	01	68969	00001998	TROPIANO BUS COMPANY LLC	475.00
07/21/2017	01	68970	00001998	TROPIANO BUS COMPANY LLC	870.00
07/21/2017	01	68971	00001998	TROPIANO BUS COMPANY LLC	475.00
07/21/2017	01	68972	398	UNITED STATES TREASURY	25.07
07/21/2017	01	68973	100000047	USPCA NATIONAL DETECTOR TRIALS	200.00
07/21/2017	01	68974	00000040	VERIZON	246.40
07/21/2017	01	68975	00000040	VERIZON	139.99
07/21/2017	01	68976	MISC	VIKING ASSOCIATES	1,130.00
07/21/2017	01	68977	MISC-FIRE	VINAY SETTY	150.00
07/21/2017	01	68978	MISC-FIRE	VINCE ZIRPOLI	120.00
07/21/2017	01	68979	00000809	VISITING NURSE ASSOCIATION	1,500.00
07/21/2017	01	68980	MISC	Vivint Solar Developer, LLC	239.00
07/21/2017	01	68981	00001329	WELDON AUTO PARTS	574.01
07/21/2017	01	68982	03214583	WESTON FITNESS	6,153.65
07/21/2017	01	68983	00002090	WHITMOYER AUTO GROUP	53,700.00
07/21/2017	01	68984	00001546	WILSON'S HARDWARE & LOCKSMITHS	19.50
07/21/2017	01	68985	00001084	WITMER ASSOCIATES, INC.	78.96
07/21/2017	01	68986	MISC	WJM ENGINEERING, INC.	835.13
07/21/2017	01	68987	100000458	YOO KIM	59.00
07/21/2017	01	68988	MISC	ZHOU XIANGYANG & MEI QIN	1,200.00

01 TOTALS:

(2 Checks Voided)

Total of 183 Disbursements:

768,728.72

07/21/2017

Check List
For Check Dates 07/11/2017 to 07/24/2017

Check Date	Name	Amount		
07/13/2017	BCG 401	401 Payment	\$	16,015.51
07/13/2017	BCG 457	457 Payment	\$	11,267.93
07/13/2017	PA SCDU	Withholding Payment	\$	1,020.73
07/13/2017	PBA	PBA Payment	\$	734.81
07/13/2017	UNITED STATES TREASURY	941 Tax Payment	\$	95,452.06
07/19/2017	STATE OF PA	State Tax Payment	\$	9,989.20
07/19/2017	BERKHEIMER	2nd Qtr. LST Payment	\$	1,422.00
07/19/2017	BERKHEIMER	2nd Qtr. EIT Payment	\$	22,213.72
07/19/2017	PA UC FUND	2nd Qtr. UC-2 Payment	\$	1,402.02
Total Checks: 9			\$	159,517.98