

AGENDA
MONTGOMERY TOWNSHIP
BOARD OF SUPERVISORS
AUGUST 28, 2017

www.montgomerytp.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 August 14, 2017 Meeting
6. Public Comment Period - NPDES Stormwater Discharges from MS4 Pollutant Reduction Plan for Montgomery (PRP)
7. Consider Athletic Field Maintenance Proposal – Kenas 1 and Kenas 2 Soccer Fields
8. Consider Authorization to Call Letters of Credit:
 - a. Wells Fargo Bank Letter of Credit #SM237840W – LDS 627R – Cutler Group
Montgomery Walk Phase IIA
 - b. Wells Fargo Bank Letter of Credit #SM237962W – LDS 653 – Cutler Group
Montgomery Knoll Phase 1A
9. Consider Approval of Traffic Signal Permit Application Documents – LDS 690 – Montgomery Retirement Residence LLC:
 - a. Traffic Signal Access Easement – 202 Market Place & Montgomery Township
 - b. Traffic Signal Access Easement – Montgomery Retirement Residence & Montgomery Township
 - c. Resolution Authorizing Submission of Traffic Signal Application – Doylestown Rd. & Montgomery Glen Dr.
 - d. Authorization for Appointment of Agent – Highway Occupancy Permit – Doylestown Rd.
 - e. Indemnification Agreement – LDS 690 - Montgomery Retirement Residence LLC – Storm Sewer Connection
10. Consider Approval of Sewer Planning Module – LDS 692 - Christian Brothers Automotive Land Development
11. Consider Payment of Bills
12. Other Business
13. Adjournment

Future Public Hearings/Meetings:
09-11-2017 @ 8:00pm – Board of Supervisors

MONTGOMERY TOWNSHIP BOARD OF SUPERVISORS
BOARD ACTION SUMMARY

SUBJECT: Public Comment

MEETING DATE: August 28, 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: August 28, 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 August 14, 2017

MEETING DATE: August 28, 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, August 28, 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.

**MINUTES OF MEETING
MONTGOMERY TOWNSHIP BOARD OF SUPERVISORS
AUGUST 14, 2017**

At 7:00 p.m. Chairman Candyce Fluehr Chimera called to order an executive session. In attendance were Vice Chairman Robert J. Birch, Supervisors Michael J. Fox and Richard E. Miniscalco. Supervisor Jeffrey W. McDonnell was absent. 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 and Richard E. Miniscalco. Supervisor Jeffrey W. McDonnell was absent. Also in attendance were Township Solicitor Frank R. Bartle, Esquire, Township Manager Lawrence Gregan, Police Chief Scott Bendig, 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 Works Director Kevin Costello, 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.

Under Public Comment, Dominic Calafati of 116 Pipers Place in Chalfont, PA requested approval from the Board of Supervisors to plant a memorial for a former Township resident. Mr. Calafati read a prepared statement which in summary requested the Board's approval to plant a donated magnolia tree, along with a bench, as a memorial to a beloved son, brother and friend, James Riley Halek. Mr. Halek and his family lived on Red Haven Drive in the Township for the last 27 years. Mr. Halek recently passed away and this request is being made to create a memorial in his honor at Whispering Pines Park, which is adjacent to the Orchard Development. Mr. Calafati said that they will work with Township to select an appropriate location for the tree and have secured care and maintenance for the tree from installation and then throughout the

lifetime of the tree. There will be no cost to the Township. After a brief discussion, Board members indicated their support for the installation of the tree. Supervisor Michael Fox recommended that the Shade Tree Commission and Township Landscape Architect assist with the selection of the location for the tree. Supervisor Michael Fox made a motion to allow the memorial as presented to go forward with the suggestion that the Shade Tree Commission be engaged to figure out the proper location for the planting. Chairman Candyce Fluehr Chimera seconded the motion. The motion passed unanimously.

Solicitor Frank R. Bartle, Esquire announced that the Board had met in an Executive Session prior to this meeting to discuss various matters. The Board discussed one matter of personnel involving an individual committee appointment and a labor matter involving the police contract negotiations. The Board also discussed a potential matter of litigation regarding the Cutler Group and two matters of litigation. The first matter was Marvin Cohen vs. Montgomery Township Zoning Hearing Board and it is in the Pennsylvania Commonwealth Court, Number 2284CD-214. The second matter of litigation was Maureen Mirabella and John Mirabella v. Susan and William Villard, Susan and Robert Braun and Montgomery Township, which is in the Court of Common Pleas of Montgomery County and Number 210529477. 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 July 24, 2017 Board of Supervisors meeting, and Supervisor Michael J. Fox seconded the motion. The minutes of the meeting were unanimously approved as submitted.

Assistant to the Township Manager Stacy Crandell introduced representatives from local organizations who received annual donations from the Township. Richard Cirko from the Visiting Nurse Community Services organization accepted a check in the amount of \$1,500. Jayne Blackledge from the North Wales Library accepted a check in the amount of \$1,500. Kathy Arnold-Yerger from the Montgomery County Norristown Public Library accepted a check

in the amount of \$10,000 and Lisa Knapp Siegel from the Montgomery Township Historical Society accepted a check in the amount of \$6,000. All representatives from these organizations provided updates to the Board on their activities over the past year and expressed gratitude to the Township for these donations which help to fund programs run by these organizations benefitting the residents of Montgomery Township.

Township Manager Lawrence J. Gregan reported that a vacancy currently exists on the Montgomery Township Planning Commission and resident David Fetzer, who is currently serving as an Alternate Member on the Planning Committee, has expressed an interest in the full member position. Resolution #1 made by Supervisor Michael Fox, seconded by Vice Chairman Robert J. Birch and adopted unanimously, accepted the resignation of David Fetzer from his position as an Alternate Member of the Township Planning Commission and approved his appointment to serve as a full member on the Township Planning Commission for a term to expire on January 1, 2020. Chairman Candyce Fluehr Chimera administered the Board/Commission Oath of Office to Mr. Fetzer.

Township Manager Lawrence J. Gregan reported that the Fire Department of Montgomery Township is recommending the appointment of Leo J. Morano to the position of Special Fire Police Officer. Mr. Morano has been interviewed by the Police Department and has been recommended for appointment to the position. Resolution #2 made by Supervisor Michael J. Fox, seconded by Supervisor Richard E. Miniscalco and adopted unanimously, appointed Leo J. Morano to the position of Special Fire Police Officer with the Fire Department of Montgomery Township. Chairman Candyce Fluehr Chimera administered the Special Fire Police Officer Oath of Office to Mr. Morano.

Township Manager Lawrence J. Gregan reported that the Department of Fire Services is seeking approval to purchase new fire hose and accessories for the department. This purchase was budgeted as a capital expenditure in the 2017 budget. Resolution #3 made by Supervisor Michael J. Fox, seconded by Vice Chairman Robert J. Birch and adopted unanimously,

authorized the Department of Fire Services to purchase fire hose and hose accessories at a total cost of \$15,964 from Witmer Public Safety Group, LLC.

Director of Planning and Zoning Bruce S. Shoupe reported that Kin Properties has requested that the eighteen-month maintenance period for the Sprint Store land development begin, and they have also requested an escrow release. Resolution #4 made by Chairman Candyce Fluehr Chimera, seconded by Supervisor Michael J. Fox and adopted unanimously, authorized a construction escrow release in the amount of \$248.04 and the start of the maintenance period to begin on August 14, 2017 as recommended by the Township Landscape Engineer for the Sprint Store land development. The Township will retain \$18,229.20 for the 18-month Maintenance Period Guaranty. The release is contingent upon payment of all Township Consultant fees.

Director of Planning and Zoning Bruce Shoupe reported that Evans Builders has requested a construction escrow release for the 1701 N. Line Street subdivision. Resolution #5 made by Vice Chairman Robert J. Birch, seconded by Supervisor Richard E. Miniscalco and adopted unanimously, authorized construction escrow release #1 in the amount of \$41,611.00, as recommended by the Township Engineer for DelCiotto/Evans Builders minor subdivision, LDS 680.

Director of Planning and Zoning Bruce Shoupe reported that the project at 127 Stevers Mill Road, LDS 671, has reached the end of maintenance period and is ready to have the final escrow released. Resolution #6 made by Vice Chairman Robert J. Birch, seconded by Supervisor Michael J. Fox and adopted unanimously, approved the end of maintenance period and final escrow release in the amount of \$5,297.20 for LDS 671 – 127 Stevers Mill Road.

Resolution #7 made by Chairman Candyce Fluehr Chimera, seconded by Vice Chairman Robert J. Birch and adopted unanimously, waived the permit fee in the amount of \$100.00 for the special event permit for the Bharatiya Temple Ganesh Festival which will be held from August 24 through September 4, 2017.

Director of Recreation and Community Center Floyd Shaffer reported that the Fall Recreation Programs and Fees are ready for the Board's consideration. The offerings of activities/programs provide a wide array of recreation, fitness and educational opportunities for Township residents of all ages and abilities. The program/activity schedule will be valid from September 18, 2017 through the end of December 2017. Resolution #8 made by Vice Chairman Robert J. Birch, seconded by Supervisor Michael J. Fox and adopted unanimously, approved the 2017 Fall Programs and Fee Schedule amendment as submitted.

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

There being no further business to come before the Board, the meeting adjourned at 8:45 p.m.

MONTGOMERY TOWNSHIP BOARD OF SUPERVISORS
BOARD ACTION SUMMARY

SUBJECT: Public Comment Period - NPDES Stormwater Discharges from MS4 Pollutant Reduction Plan for Montgomery (PRP)

MEETING DATE: August 28, 2017 ITEM NUMBER: #6

MEETING/AGENDA: ACTION NONE

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

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

BACKGROUND:

In preparation of the Notice of Intent (NOI) for the Township's new NPDES MS4 Permit, the Township will be accepting Public Comment tonight 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 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. Attached is a copy of the PRP Plan and the presentation from the July 24, 2017 meeting that was presented by Jim Dougherty from Gilmore and Associates.

ZONING, SUBDIVISION OR LAND DEVELOPMENT IMPACT:

None.

PREVIOUS BOARD ACTION:

On July 24, 2017, the Board of Supervisors authorized the Township to advertise the 30 day public comment period for the "NPDES Stormwater Discharges from the MS4 Pollutant Reduction Plan".

ALTERNATIVES/OPTIONS:

None.

BUDGET IMPACT:

None.

RECOMMENDATION:

Individuals are requested to come forward to present any public comment on the PRP plan.

MOTION/RESOLUTION:

None.

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

AFFIDAVIT OF PUBLICATION
307 Derstine Avenue • Lansdale, PA 19446

Montgomery Township - Legal Notices
1001 STUMP ROAD
MONTGOMERYVILLE, PA 18936
Attention:

STATE OF PENNSYLVANIA,
COUNTY OF MONTGOMERY

The undersigned *Jane C. Curran*, being duly sworn the he/she is the principal clerk of The Reporter, The Reporter Digital, published in the English language for the dissemination of local or transmitted news and intelligence of a general character, which are duly qualified newspapers, and the annexed hereto is a copy of certain order, notice, publication or advertisement of:

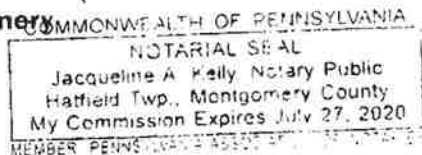
Montgomery Township - Legal Notices

Published in the following edition(s):

The Reporter	07/28/17
The Reporter	08/04/17
The Reporter Digital	07/28/17
The Reporter Digital	08/04/17

Sworn to the subscribed before me this 8/8/17

Jacqueline A. Kelly
Notary Public, State of Pennsylvania
Acting in County of Montgomery



LEGAL NOTICE

NOTICE OF PUBLIC COMMENT PERIOD AND PUBLIC MEETING for the **MPDES 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 PAUGP 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.montgomerywp.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 (jgregan@montgomerywp.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. Gegan, Township Manager Jan-July 28, Aug 4-14

Advertisement Information

Client Id: 881229 **Ad Id:** 1393989 **PO:** **Sales Person:** 093302

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

Lan-July 28, Aug 4-1a

BIDS & PROPOSALS

Notice To Bidders Hatfield Street Sanitary Force Main Borough of Lansdale, Montgomery County, PA

The Borough of Lansdale will receive sealed bids online for Hatfield Street Sanitary Force Main. Online sealed bids are to be submitted on August 28, 2017 at 11:00 AM at which time they will be opened.

All documents and solicitation details are available at no cost at PennBid™ - www.PennBid.net. For assistance with using or accessing PennBid™, please call (717) 488-0035.

A certified check or bank

draft, payable to the order of the Borough of Lansdale, negotiable U.S. Government Bonds (at par value), or a satisfactory Bid Bond executed by the Bidder and an acceptable surety, in an amount equal to ten percent (10%) of the total bid amount shall be submitted with each Bid. Bonds are to be issued by a surety licensed to do business in the Commonwealth of Pennsylvania.

The successful Bidder will be required to furnish and pay for Satisfactory Performance and Payment Bond and Labor and Materialmen's Bond.

Attention is called to the fact that not less than the minimum salaries and wages set forth in the Contract Documents must be paid on this project, and that the Contractor must ensure that employees and applicants for employment are not discriminated against because of their race, color, religion, sex or national origin.

Bidders are required to comply with the Pennsylvania Prevailing Wage Act of 1961, P.L. 987, No. 442, where the estimated cost of the total project is in excess of twenty-five thousand dollars (\$25,000).

The Borough of Lansdale reserves the right to reject any or all Bids or to waive any informalities or irregularities in the bidding when, in the opinion of the Borough, such rejections or waivers shall be to its interest or advantage.

Prior to awarding the contract, bids may be held by the Borough for a period not to exceed sixty (60) days from the date of bid openings for the purpose of reviewing the Bids and investigating the qualifications of bidders.

All bidders are invited to attend a Pre-Bid Meeting to be held at 10:00 AM (prevailing time) on August 22, 2017 at the project site (corner of Hatfield Street and Broad Street).
BOROUGH OF LANSDALE
Jacob I. Ziegler
Borough Manager
Lan-July 31, Aug 4-1a

CLASSIFIEDS hold many, many opportunities. They give opportunity for you to buy items, meet people, sell unwanted items, find housing, save money, earn a couple bucks, and much, much more.

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 MS4 Pollutant Reduction Plan

Montgomery Township

July 24, 2017



Introduction

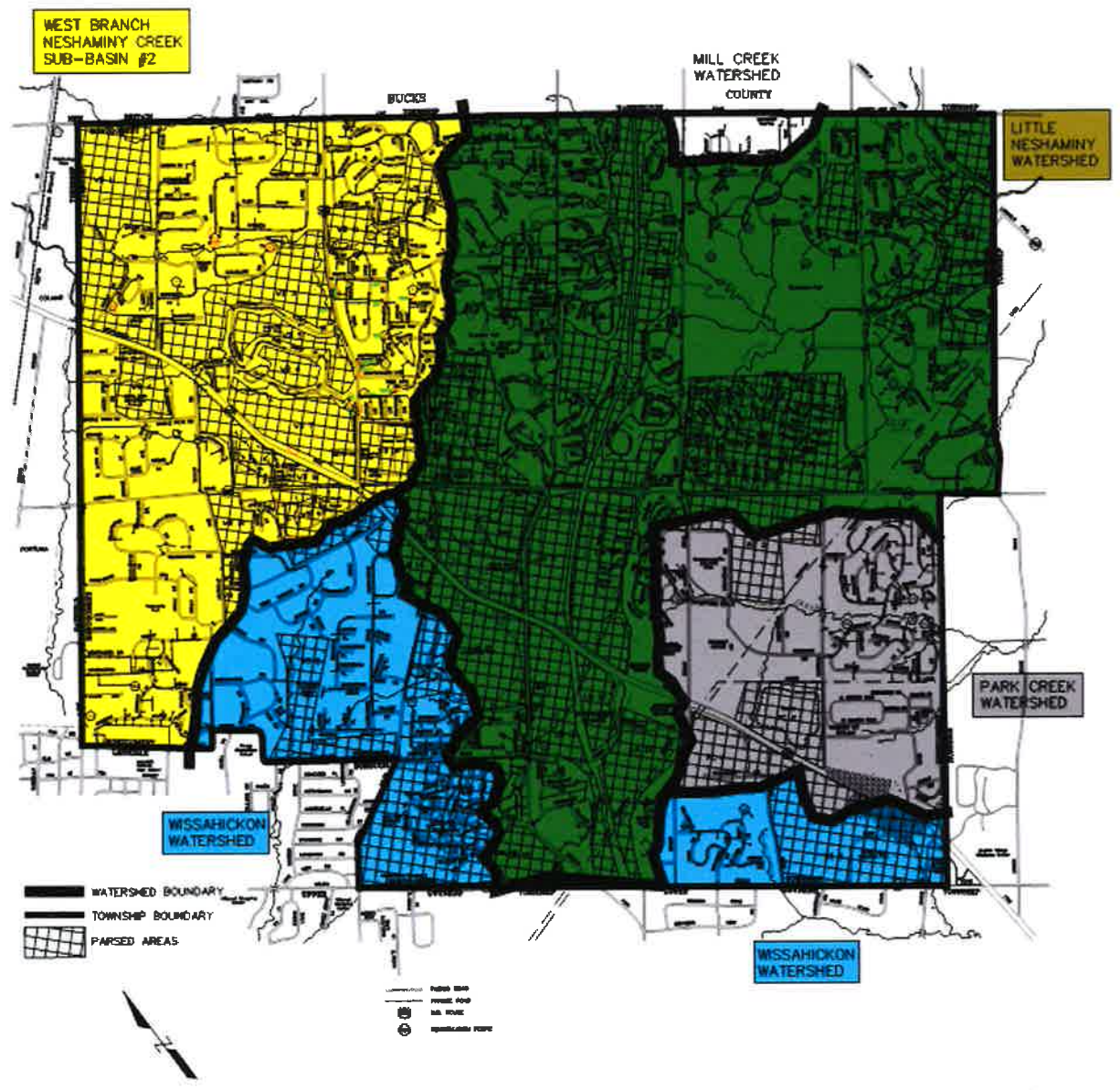
- National Pollution Discharge Elimination System (NPDES)
- Municipal Separate Storm Sewer System (MS4)
- Current General Permit
 - March 2013 through March 2018
- New Individual Permit
 - Notice of Intent (NOI) due September 16, 2017
 - March 2018 through June 2023



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.montgomerytwp.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@montgomerytwp.org
- Comments (verbal or written) will be accepted at the August 28th BOS meeting.
- Comments must include the originator's name and address.

**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 (4e)
				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.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

Appendix C

Maps

Appendix C-1: Watershed Map Drawing A-1

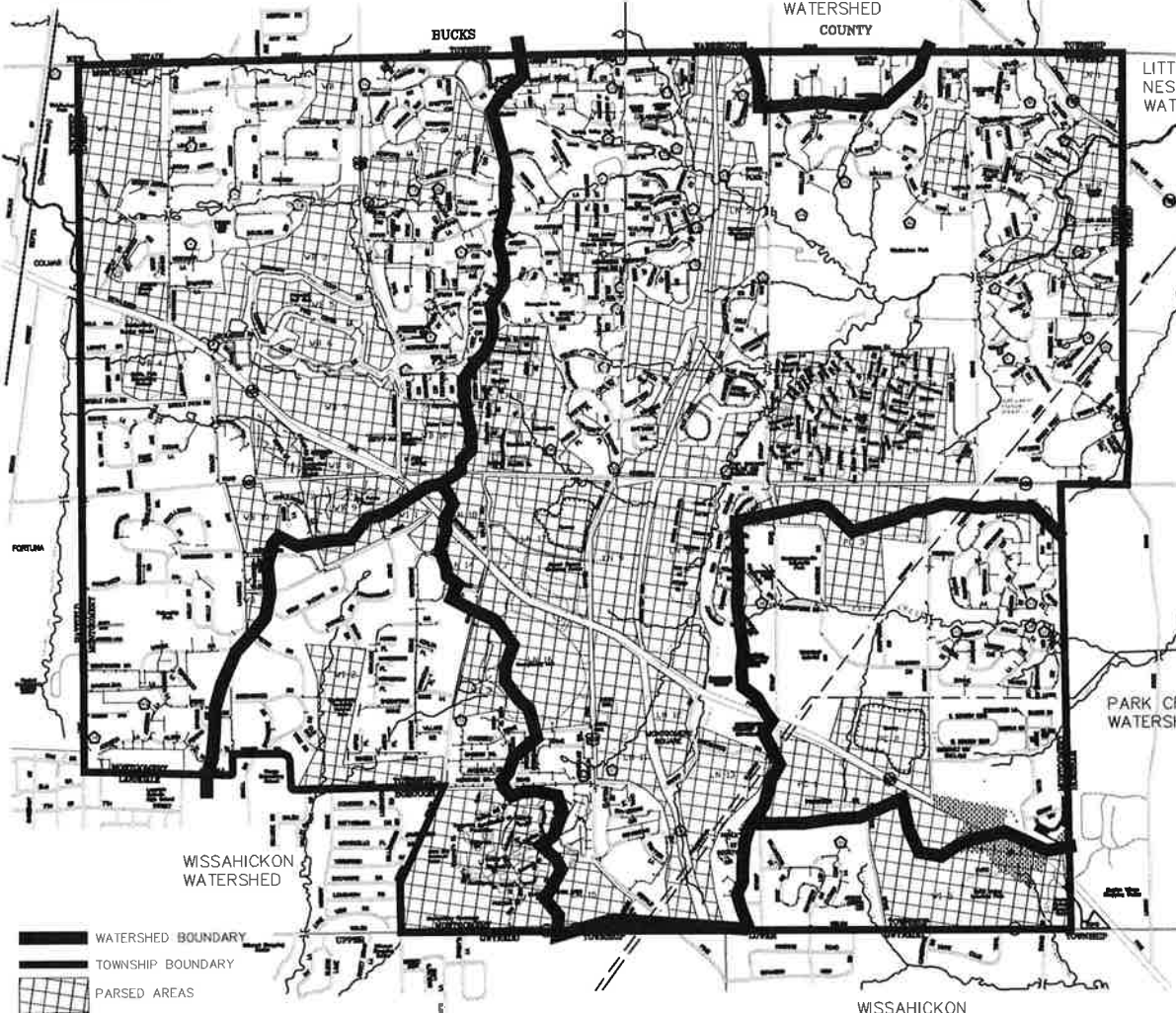
Appendix C-2: Basin Location Map

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

WEST BRANCH
NESHAMINY CREEK
SUB-BASIN #2

MILL CREEK
WATERSHED
COUNTY

LITTLE
NESHAMINY
WATERSHED



WISSAHICKON
WATERSHED

PARK CREEK
WATERSHED

WISSAHICKON
WATERSHED

WATERSHED MAP DRAWING A-1

MONTGOMERY TOWNSHIP MONTGOMERY COUNTY, PENNSYLVANIA



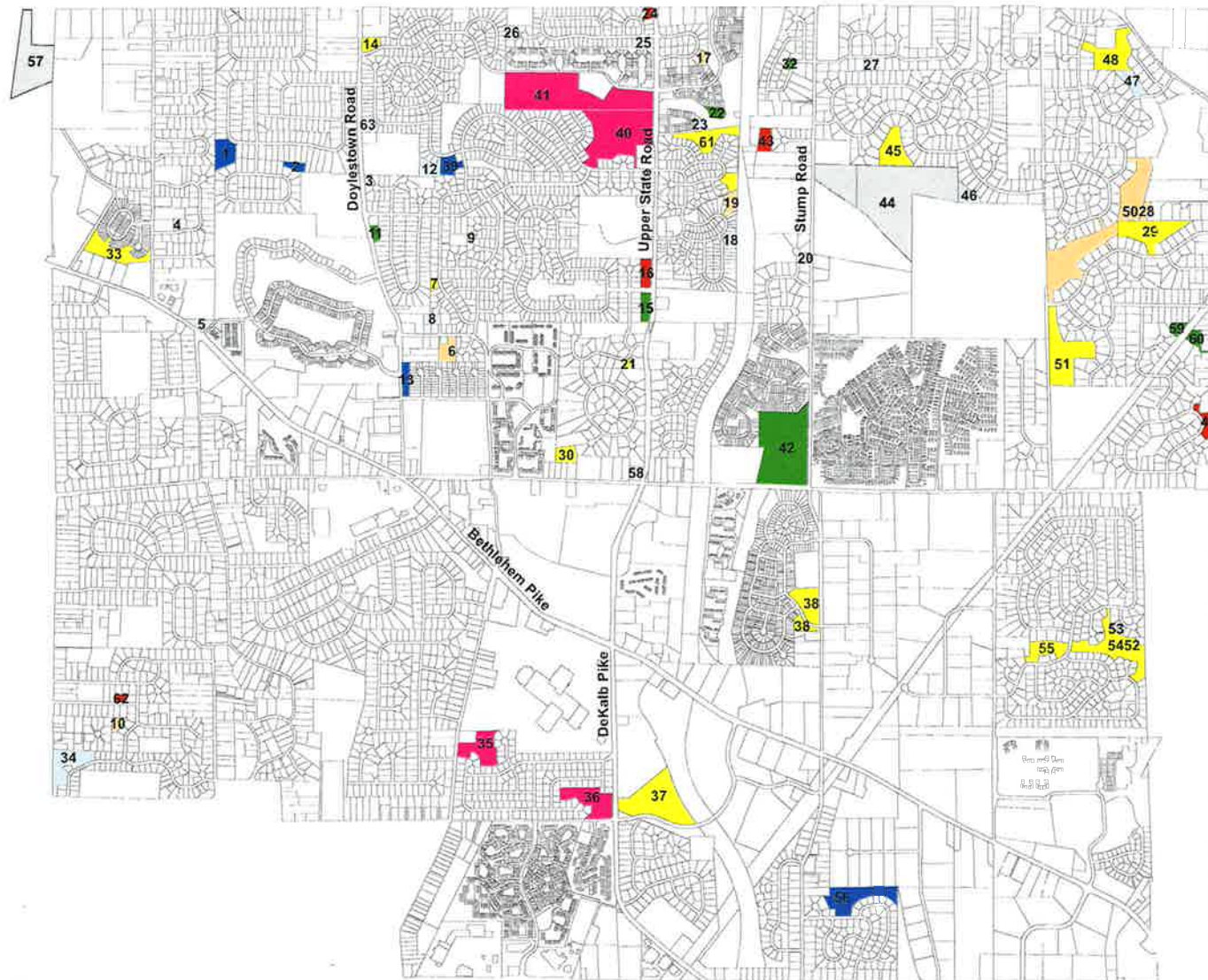
GILMORE & ASSOCIATES, INC.
ENGINEERING & CONSULTING SERVICES

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

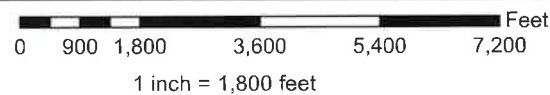
Other Basins

- Unassessed Basins
- Assessed But Not to be Naturalized

Basins

- | | |
|--------------------------------|---------------------------------|
| 1. Andrew Lane | 33. AuLane Wreck Park |
| 2. Douglas Road | 34. Cambridge Knoll A |
| 3. Pauline Circle | 35. Knapp Farm |
| 4. Voronea Lane | 36. Knapp Farm |
| 5. Bethlehem Pike | 37. Whitewood Park |
| 6. Montgomery Ave. | 38. The Orchard |
| 7. Pioneer Drive | 39. Carterbury |
| 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 Knell | 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 Gale | 50. Estates of Windlesrae |
| 19. West Gale | 51. Estates of Windlesrae |
| 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 Lee |
| 25. Summer Ridge | 57. Whistlesop Park (Hartfield) |
| 26. Summer Ridge | 58. Tall Gobles |
| 27. Heather Lea | 59. Montgomery Hollow |
| 28. Gift Circle (Raven Hollow) | 60. Montgomery Hollow |
| 29. Gwynwood Pond | 61. Autumn Grove |
| 30. Tall Gobles | 62. Magdalena |
| 32. 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



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)
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

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)
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

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)
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
Vilsmeyer 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

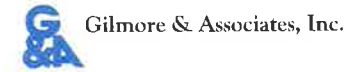
Neshaminy West Branch	25%							3,485,500			1,186,442			42,838
Little Neshaminy	60%							8,365,199			2,847,462			102,812
Wissahickon	15%							2,091,300			711,865			25,703

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	10,549	15,635	3,909
56	Gwynedd Lea	2010	LN	35.9	9.0	43.51	35	3,075	26.925	6.59	180	7,136	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	4,534	6,546	1,636
32	Heather Ridge	2011	LN	14.9	3.7	43.51	35	1,276	11.175	6.59	180	2,933	4,259	1,065
42	Township Building	2011	LN	4.0	1.0	43.51	35	343	3	6.59	180	801	1,143	285
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	2,032	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	3,353	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	953
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	Giff 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	1,128
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	1,155
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	535
47	Montgomery Lea		LN	8.2	2.1	43.51	35	702	6.15	6.59	180	1,641	2,344	585
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

**MONTGOMERY TOWNSHIP BOARD OF SUPERVISORS
BOARD ACTION SUMMARY**

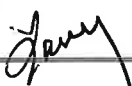
SUBJECT: Consider Athletic Field Maintenance Proposal – Kenas 1 and Kenas 2 Soccer Fields

MEETING DATE: August 28, 2017

ITEM NUMBER: #7

MEETING/AGENDA: Action Agenda

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

INITIATED BY: Lawrence J. Gregan
Township Manager 

BOARD LIAISON: Candyce Fluehr Chimera
Chairman

BACKGROUND:

Montgomery United Soccer Club (Mon U) has requested that the Township enter into an agreement with Windview Athletic Fields of West Chester, PA to perform Field Improvements/Maintenance work on the Kenas 1 and Kenas 2 Soccer Fields at Windlestrae Park.

Per Windview's proposal dated 8/2/2017, the work would involve various activities between August and November including spraying of weed control agents, application of fertilizer, aeration and slit seeding.

Mon U has offered to pay for the cost of mowing of the fields, 2x/week from mid-August to early November (estimated 24 cuts), at the estimated cost of \$5,400.

PREVIOUS BOARD ACTION: None.

ALTERNATIVES/OPTIONS: None

BUDGET IMPACT:

The proposal quotes a total cost of \$13,487.75 for the schedule of services/applications.

RECOMMENDATION:

That Board of Supervisors consider engaging Windview Athletic Fields of West Chester, PA, to perform Field Improvements/Maintenance work on the Kenas 1 and Kenas 2 Soccer Fields in accordance with their proposal dated 8/2/2017.

MOTION/RESOLUTION:

BE IT RESOLVED by the Board of Supervisors of Montgomery Township that Windview Athletic Fields of West Chester, PA, be engaged to perform Field Improvements/Maintenance work on the Kenas 1 and Kenas 2 Soccer Fields in accordance with their proposal dated 8/2/2017.

MOTION _____ SECOND _____ VOTE:

ROLL CALL:

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

DISTRIBUTION: Board of Supervisors, Frank Bartle, Esq.



Athletic Field Maintenance Proposal

Proposal Submitted To: Wendell Beres, Richard King	Date: 8/2/17																																																
Regarding: Field Improvements/Maintenance	Size: 3.5acres																																																
Location: Kenas																																																	
<p>Windview Inc. is not responsible for unmarked or inaccurately marked objects on or below surface to include but not limited to irrigation lines or heads, electric, cable, sewer, etc. Customer agrees to pay any and all applicable taxes that may be associated with the outline of work mentioned below. Price below is good for net 30 days from date submitted, price subject to change. Windview Inc. will supply necessary labor, materials and supervision for the following scope of work:</p> <table border="1"> <thead> <tr> <th><u>Services</u></th> <th><u>Applications</u></th> <th><u>Cost/Application</u></th> <th><u>Total Cost</u></th> </tr> </thead> <tbody> <tr> <td>Post emergent weed control with Drive herbicide for crabgrass and three way broadleaf weed control</td> <td>week of August 7</td> <td></td> <td></td> </tr> <tr> <td>Post emergent crabgrass weed control</td> <td>week of August 21</td> <td></td> <td></td> </tr> <tr> <td>Fertilize both fields with 25-5-10 2%Fe 50%slow release to achieve 1lbN</td> <td>end August</td> <td></td> <td></td> </tr> <tr> <td>Core Aerate both fields following 2nd crabgrass weed control application</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Slit Seed at 5lb/1,000 perennial ryegrass in 2 directions both fields at time of aeration</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Fertilize both fields with 25-5-10 2%fe 50%slow release to achieve 1lbN</td> <td>end September</td> <td></td> <td></td> </tr> <tr> <td>Deep Tine Aerate both fields</td> <td>end of playing season</td> <td></td> <td></td> </tr> <tr> <td>Core Aerate Both fields</td> <td>towards end of playing season</td> <td></td> <td></td> </tr> <tr> <td>Slit Seed at 5lb/1,000 perennial ryegrass and turf type tall fescue in 2 directions</td> <td>end playing season</td> <td></td> <td></td> </tr> <tr> <td>Fertilize with starter fertilizer (12-24-18) to achieve 1lbP</td> <td>end October</td> <td></td> <td></td> </tr> <tr> <td colspan="4">Total: \$13,487.75</td> </tr> </tbody> </table>		<u>Services</u>	<u>Applications</u>	<u>Cost/Application</u>	<u>Total Cost</u>	Post emergent weed control with Drive herbicide for crabgrass and three way broadleaf weed control	week of August 7			Post emergent crabgrass weed control	week of August 21			Fertilize both fields with 25-5-10 2%Fe 50%slow release to achieve 1lbN	end August			Core Aerate both fields following 2 nd crabgrass weed control application				Slit Seed at 5lb/1,000 perennial ryegrass in 2 directions both fields at time of aeration				Fertilize both fields with 25-5-10 2%fe 50%slow release to achieve 1lbN	end September			Deep Tine Aerate both fields	end of playing season			Core Aerate Both fields	towards end of playing season			Slit Seed at 5lb/1,000 perennial ryegrass and turf type tall fescue in 2 directions	end playing season			Fertilize with starter fertilizer (12-24-18) to achieve 1lbP	end October			Total: \$13,487.75			
<u>Services</u>	<u>Applications</u>	<u>Cost/Application</u>	<u>Total Cost</u>																																														
Post emergent weed control with Drive herbicide for crabgrass and three way broadleaf weed control	week of August 7																																																
Post emergent crabgrass weed control	week of August 21																																																
Fertilize both fields with 25-5-10 2%Fe 50%slow release to achieve 1lbN	end August																																																
Core Aerate both fields following 2 nd crabgrass weed control application																																																	
Slit Seed at 5lb/1,000 perennial ryegrass in 2 directions both fields at time of aeration																																																	
Fertilize both fields with 25-5-10 2%fe 50%slow release to achieve 1lbN	end September																																																
Deep Tine Aerate both fields	end of playing season																																																
Core Aerate Both fields	towards end of playing season																																																
Slit Seed at 5lb/1,000 perennial ryegrass and turf type tall fescue in 2 directions	end playing season																																																
Fertilize with starter fertilizer (12-24-18) to achieve 1lbP	end October																																																
Total: \$13,487.75																																																	

Windview Athletic Fields

1325 Goshen Parkway, West Chester, PA 19380

Office: (610)608-3175



Mowing of Fields 2x/week from mid August to early November (estimated 24 cuts): \$5400

Submitted By: Chris McCardell

Accepted By: _____ Date _____

Windview Athletic Fields

1325 Goshen Parkway, West Chester, PA 19380

Office: (610)608-3175

**MONTGOMERY TOWNSHIP BOARD OF SUPERVISORS
BOARD ACTION SUMMARY**

SUBJECT: Consider Authorization to Call Letters of Credit

MEETING DATE: August 28, 2017

ITEM NUMBER: #8

MEETING/AGENDA: Action Agenda

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

INITIATED BY: Bruce Shoupe
Director of Planning and Zoning

BOARD LIAISON: Candyce Fluehr Chimera
Chairman

BACKGROUND:

As provided for under the Municipalities Planning Code and the terms of executed Development Agreements, the Developer (The Cutler Group) for the Montgomery Walk Subdivision Phase IIA and the Montgomery Knoll Phase 1A Subdivisions, is required to post security in the form of Letters of Credit (LOC's) to guarantee the completion of public improvements required for these two subdivisions. The current LOC's posted for these two phases are both scheduled to expire within the next several weeks as follows:

1. Wells Fargo Bank Letter of Credit #SM237840W – in the amount of \$67,003.40 for LDS 627R – Cutler Group Montgomery Walk Phase II A with expiration date of September 17, 2017.
2. Wells Fargo Bank Letter of Credit #SM237962W – in the amount of \$179,450.90 for LDS 653 – Cutler Group Montgomery Knoll Phase I A with expiration date of October 6, 2017.

Notice has been provided to the Cutler Group to provide extensions of these LOC's. Pending receipt of appropriate LOC extensions, it is requested that the Board of Supervisors authorize the Township Solicitor and Staff to take appropriate actions to call these two LOC's prior to their expiration. The funds received would be deposited into the Township's Escrow Account to be held for the completion of the required public improvements for these two development Phases.

PREVIOUS BOARD ACTION:

The Township and the Cutler Group previously entered into Development Agreements governing the installation of improvements related to these two developments including requirements for the posting of financial security to guarantee the installation of the improvements.

ALTERNATIVES/OPTIONS: None

BUDGET IMPACT: None.

RECOMMENDATION:

That Board of Supervisors authorize the Township Solicitor and Staff, that pending receipt of appropriate Letter of Credit Extensions, take appropriate actions to call the following Letters of Credit:

1. Wells Fargo Bank Letter of Credit #SM237840W – in the amount of \$67,003.40 for LDS 627R – Cutler Group Montgomery Walk Phase IIA with expiration date of September 17, 2017.
2. Wells Fargo Bank Letter of Credit #SM237962W – in the amount of \$179,450.90 for LDS 653 – Cutler Group Montgomery Knoll Phase I A with expiration date of October 6, 2017.

With the funds received to be deposited into the Township's Escrow Account to be held for the completion of the required public improvements for these two development Phases.

MOTION/RESOLUTION:

BE IT RESOLVED by the Board of Supervisors of Montgomery Township that pending receipt of appropriate Letter of Credit Extensions, we hereby authorize that the Township Solicitor and Staff take appropriate actions to call the following Letters of Credit prior to their expiration:

1. Wells Fargo Bank Letter of Credit #SM237840W – in the amount of \$67,003.40 for LDS 627R – Cutler Group Montgomery Walk Phase II A with expiration date of September 17, 2017.
2. Wells Fargo Bank Letter of Credit #SM237962W – in the amount of \$179,450.90 for LDS 653 – Cutler Group Montgomery Knoll Phase I A with expiration date of October 6, 2017.

AND BE IT FURTHER RESOLVED, that the funds received be deposited into the Township's Escrow Account to be held for the completion of the required public improvements for these two development Phases.

MOTION _____ SECOND _____ VOTE:

ROLL CALL:

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

DISTRIBUTION: Board of Supervisors, Frank Bartle, Esq.



Wells Fargo Bank, N.A.
 U.S. Trade Services
 Standby Letters of Credit
 401 N. Research Pkwy, 1st Floor
 MAC D4004-017,
 Winston-Salem, NC 27101-4157
 Phone: 1(800) 776-3862 Option 2
 E-Mail: sbkc-new@wellsfargo.com

**Amendment To
 Irrevocable Standby Letter Of Credit**

Number : SM237840W
Amendment Number : 005
Amend Date : September 29, 2016

*MONTGOMERY WALK
 PHASE II*

BENEFICIARY	APPLICANT
MONTGOMERY TOWNSHIP 1001 STUMP ROAD MONTGOMERYVILLE, PENNSYLVANIA 18936	THE CUTLER GROUP, INC. 5 APOLLO RD., SUITE 1 PLYMOUTH MEETING, PENNSYLVANIA 19462

Ladies and Gentlemen:

At the request and for the account of the above referenced applicant, we hereby amend our Irrevocable Standby Letter of Credit (the "Wells Credit") in your favor as follows:


The expiry date is extended to September 17, 2017.

All other terms and conditions remain unchanged.

This Amendment is to be attached to the original Wells Credit and is an integral part thereof.

Very Truly Yours,

WELLS FARGO BANK, N.A.

By: 

 Authorized Signature

The original of this letter of credit amendment contains an embossed seal over the authorized signature.

Together we'll go far



Please direct any written correspondence or inquiries regarding this Letter of Credit, always quoting our reference number, to **Wells Fargo Bank, National Association**, Attn: U.S. Standby Trade Services

at either 794 Davis Street, 2nd Floor
MAC A0283-023,
San Leandro, CA 94577-6922

or 401 N. Research Pkwy, 1st Floor
MAC D4004-017,
WINSTON-SALEM, NC 27101-4157

Phone inquiries regarding this credit should be directed to our Standby Customer Connection Professionals

1-800-798-2815 Option 1
(Hours of Operation: 8:00 a.m. PT to 5:00 p.m. PT)

1-800-776-3862 Option 2
(Hours of Operation: 8:00 a.m. EST to 5:30 p.m. EST)



RECEIVED

JUN 15 2015

MONTGOMERY TOWNSHIP

Wells Fargo Bank, N.A.
U.S. Trade Services
Standby Letters of Credit
401 N. Research Pkwy, 1st Floor
MAC D4004-017,
Winston-Salem, NC 27101-4157
Phone: 1(800) 776-3862 Option 2
E-Mail: sble-new@wellsfargo.com

**Amendment To
Irrevocable Standby Letter Of Credit**

Number : SM237840W
Amendment Number : 004
Amend Date : June 12, 2015

BENEFICIARY

MONTGOMERY TOWNSHIP
1001 STUMP ROAD
MONTGOMERYVILLE, PENNSYLVANIA 18936

APPLICANT

THE CUTLER GROUP, INC.
5 APOLLO RD., SUITE 1
PLYMOUTH MEETING, PENNSYLVANIA 19462

LADIES AND GENTLEMEN:

AT THE REQUEST AND FOR THE ACCOUNT OF THE ABOVE REFERENCED APPLICANT, WE HEREBY AMEND OUR IRREVOCABLE STANDBY LETTER OF CREDIT (THE "WELLS CREDIT") IN YOUR FAVOR AS FOLLOWS:

EXPIRATION DATE EXTENDED TO A NEW FINAL MATURITY DATE OF SEPTEMBER 17, 2016. THE AUTOMATIC EXTENSION PROVISION IS NO LONGER IN EFFECT.

THE WELLS FARGO BANK, N.A. WINSTON-SALEM, NORTH CAROLINA STANDBY LETTER OF CREDIT DEPARTMENT HAS A NEW ADDRESS. ON AND AFTER MARCH 23, 2015, ALL DRAFTS, DEMANDS, OR DOCUMENTS PRESENTED UNDER THIS L/C AND ALL NOTICES AND COMMUNICATIONS MADE WITH RESPECT TO THIS L/C THAT PREVIOUSLY WOULD HAVE BEEN DIRECTED TO 401 LINDEN STREET, WINSTON-SALEM, NORTH CAROLINA, SHOULD NOW BE PRESENTED OR DELIVERED TO WELLS FARGO BANK, N.A., STANDBY LETTER OF CREDIT PROCESSING, 401 N. RESEARCH PKWY, WINSTON-SALEM, NORTH CAROLINA 27101-4157.

ALL OTHER TERMS AND CONDITIONS REMAIN UNCHANGED.

THIS AMENDMENT IS TO BE ATTACHED TO THE ORIGINAL WELLS CREDIT AND IS AN INTEGRAL PART THEREOF.

Very Truly Yours,

WELLS FARGO BANK, N.A.

By: 
Authorized Signature

The original of this letter of credit amendment contains an embossed seal over the authorized signature.



Please direct any written correspondence or inquiries regarding this Letter of Credit, always quoting our reference number, to **Wells Fargo Bank, National Association**, Attn: U.S. Standby Trade Services

at either 794 Davis Street, 2nd Floor
MAC A0283-023,
San Leandro, CA 94577-6922

or 401 N. Research Pkwy, 1st Floor
MAC D4004-017,
WINSTON-SALEM, NC 27101-4157

Phone inquiries regarding this credit should be directed to our Standby Customer Connection Professionals

1-800-798-2815 Option 1
(Hours of Operation: 8:00 a.m. PT to 5:00 p.m. PT)

1-800-776-3862 Option 2
(Hours of Operation: 8:00 a.m. EST to 5:30 p.m. EST)





Wells Fargo Bank, N.A.
 U.S. Trade Services
 Standby Letters of Credit
 401 Linden Street, 1st Floor
 MAC D4004-017,
 Winston-Salem, NC 27101
 Phone: 1(800) 776-3862 Option 2
 E-Mail: sbic-new@wellsfargo.com

**Amendment To
 Irrevocable Standby Letter Of Credit**

Number : SM237840W
Amendment Number : 003
Amend Date : August 13, 2014

BENEFICIARY	APPLICANT
MONTGOMERY TOWNSHIP 1001 STUMP ROAD MONTGOMERYVILLE, PENNSYLVANIA 18936	THE CUTLER GROUP, INC. 5 APOLLO RD., SUITE 1 PLYMOUTH MEETING, PENNSYLVANIA 19462

LADIES AND GENTLEMEN:

AT THE REQUEST AND FOR THE ACCOUNT OF THE ABOVE REFERENCED APPLICANT, WE HEREBY AMEND OUR IRREVOCABLE STANDBY LETTER OF CREDIT (THE "WELLS CREDIT") IN YOUR FAVOR AS FOLLOWS:

EXPIRATION DATE EXTENDED TO A NEW FINAL MATURITY DATE OF SEPTEMBER 17, 2015. THE AUTOMATIC EXTENSION PROVISION IS NO LONGER IN EFFECT.

ALL OTHER TERMS AND CONDITIONS REMAIN UNCHANGED.

THIS AMENDMENT IS TO BE ATTACHED TO THE ORIGINAL WELLS CREDIT AND IS AN INTEGRAL PART THEREOF.

Very Truly Yours,

WELLS FARGO BANK, N.A.

By: 
 Authorized Signature

The original of this letter of credit amendment contains an embossed seal over the authorized signature.

Please direct any written correspondence or inquiries regarding this Letter of Credit, always quoting our reference number, to **Wells Fargo Bank, National Association**, Attn: U.S. Standby Trade Services

at either 794 Davis Street, 2nd Floor
 MAC A0283-023,
 San Leandro, CA 94577-6922

or 401 Linden Street, 1st Floor
 MAC D4004-017,
 Winston-Salem, NC 27101

Phone inquiries regarding this credit should be directed to our Standby Customer Connection Professionals

1-800-798-2815 Option 1 (Hours of Operation: 8:00 a.m. PT to 5:00 p.m. PT)	1-800-776-3862 Option 2 (Hours of Operation: 8:00 a.m. EST to 5:30 p.m. EST)
---	---





Wells Fargo Bank, N.A.
 U.S. Trade Services
 Standby Letters of Credit
 MAC D4004-012
 401 Linden Street, 1st Floor
 Winston-Salem, NC 27101
 Phone: 1(800) 776-3862 Option 2
 E-Mail: sblc-new@wellsfargo.com

**Amendment To
 Irrevocable Standby Letter Of Credit**

Number: SM237840W
Amendment Number: 002
Amend Date: September 27, 2013

BENEFICIARY	APPLICANT
MONTGOMERY TOWNSHIP 1001 STUMP ROAD MONTGOMERYVILLE, PENNSYLVANIA 18936	THE CUTLER GROUP, INC. 5 APOLLO RD., SUITE 1 PLYMOUTH MEETING, PENNSYLVANIA 19462

LADIES AND GENTLEMEN:

AT THE REQUEST AND FOR THE ACCOUNT OF THE ABOVE REFERENCED APPLICANT, WE HEREBY AMEND OUR IRREVOCABLE STANDBY LETTER OF CREDIT (THE "WELLS CREDIT") IN YOUR FAVOR AS FOLLOWS:

EXPIRATION DATE EXTENDED TO A NEW FINAL MATURITY DATE OF SEPTEMBER 17,2014. THE AUTOMATIC EXTENSION PROVISION IS NO LONGER IN EFFECT.

ALL OTHER TERMS AND CONDITIONS REMAIN UNCHANGED.

THIS AMENDMENT IS TO BE ATTACHED TO THE ORIGINAL WELLS CREDIT AND IS AN INTEGRAL PART THEREOF.

Very Truly Yours,

WELLS FARGO BANK, N.A.

By: *Shawn Kupiak*
 Authorized Signature

The original of this letter of credit amendment contains an embossed seal over the authorized signature.

Please direct any written correspondence or inquiries regarding this Letter of Credit, always quoting our reference number, to **Wells Fargo Bank, National Association**, Attn: U.S. Standby Trade Services

at either 794 Davis Street
 MAC A0283-023,
 San Leandro, CA 94577-6922

or 401 Linden Street
 MAC D4004-017,
 Winston-Salem, NC 27101

Phone inquiries regarding this credit should be directed to our Standby Customer Connection Professionals

1-800-798-2815 Option 1 (Hours of Operation: 8:00 a.m. PT to 5:00 p.m. PT)	1-800-776-3862 Option 2 (Hours of Operation: 8:00 a.m. EST to 5:30 p.m. EST)
---	---





Wells Fargo Bank, N.A.
 U. S. Trade Services
 Standby Letters of Credit
 MAC D4004-012
 401 Linden Street, 1st Floor
 Winston-Salem, NC 27101
 Phone: 1(800) 776-3862 Option 2
 E-Mail: sblc-new@wellsfargo.com

**Amendment To
 Irrevocable Standby Letter Of Credit**

Number: SM237840W
Amendment Number: 001
Amend Date: April 24, 2013

BENEFICIARY	APPLICANT
MONTGOMERY TOWNSHIP 1001 STUMP ROAD MONTGOMERYVILLE, PENNSYLVANIA 18936	THE CUTLER GROUP, INC. 5 APOLLO RD., SUITE 1 PLYMOUTH MEETING, PENNSYLVANIA 19462

LADIES AND GENTLEMEN:

AT THE REQUEST AND FOR THE ACCOUNT OF THE ABOVE REFERENCED APPLICANT, WE HEREBY AMEND OUR IRREVOCABLE STANDBY LETTER OF CREDIT (THE "WELLS CREDIT") IN YOUR FAVOR AS FOLLOWS:

THE AMOUNT OF THIS LETTER OF CREDIT IS DECREASED BY \$25,159.00. THE CURRENT AVAILABLE AMOUNT OF THIS LETTER OF CREDIT NOW TOTALS \$67,003.40.

ALL OTHER TERMS AND CONDITIONS REMAIN UNCHANGED.

THIS AMENDMENT IS TO BE ATTACHED TO THE ORIGINAL WELLS CREDIT AND IS AN INTEGRAL PART THEREOF.

Very Truly Yours,

WELLS FARGO BANK, N.A.

By: Angie Mendenhall
 Authorized Signature

The original of this letter of credit amendment contains an embossed seal over the authorized signature.

Please direct any written correspondence or inquiries regarding this Letter of Credit, always quoting our reference number, to **Wells Fargo Bank, National Association**, Attn: U.S. Standby Trade Services

at either One Front Street
 MAC A0195-212,
 San Francisco, CA 94111

or 401 Linden Street
 MAC D4004-017,
 Winston-Salem, NC 27101

Phone inquiries regarding this credit should be directed to our Standby Customer Connection Professionals

1-800-798-2815 Option 1
 (Hours of Operation: 8:00 a.m. PT to 5:00 p.m. PT)

1-800-776-3862 Option 2
 (Hours of Operation: 8:00 a.m. EST to 5:30 p.m. EST)



Consent to Amendment **001** on Standby Letter of Credit No. **SM237840W** is required to become effective.
Please date and sign below and return an originally signed copy to us at our office located:

at either One Front Street
MAC A0195-212,
San Francisco, California 94111
or Fax to 415-296-8905.

or 401 Linden Street
MAC D4004-017,
Winston-Salem, NC. 27101
or Fax to 336-735-0950.

Amendment accepted in its entirety

Amendment rejected in its entirety

4 / 26 / 13

Date

Lawrence J. Groban

Authorized Signature - MONTGOMERY TOWNSHIP

(215) 393-6900

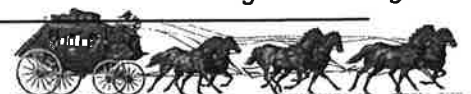
Telephone Number

LAWRENCE J. GROBAN

Printed Name of Authorized Signer

TOWNSHIP MANAGER / SECRETARY

Together we'll go far





IRREVOCABLE STANDBY LETTER OF CREDIT NO. SM237840W

LETTER OF CREDIT AMOUNT	ISSUE DATE	EXPIRY DATE
USD 92,162.40	09/23/10	09/17/11

BENEFICIARY:
MONTGOMERY TOWNSHIP
1001 STUMP ROAD
MONTGOMERYVILLE, PA 18936

APPLICANT:
THE CUTLER GROUP, INC.
5 APOLLO ROAD, SUITE 1
PLYMOUTH MEETING, PA 19462

WE HEREBY OPEN OUR IRREVOCABLE STANDBY LETTER OF CREDIT IN YOUR FAVOR FOR THE ACCOUNT OF THE ABOVE REFERENCED APPLICANT IN THE AGGREGATE AMOUNT OF (NINETY-TWO THOUSAND ONE HUNDRED SIXTY-TWO AND 40/100'S USD) USD 92,162.40 WHICH IS AVAILABLE BY PAYMENT UPON PRESENTATION OF THE FOLLOWING DOCUMENTS:

1. A DRAFT AT SIGHT DRAWN ON WELLS FARGO BANK, N.A., DULY ENDORSED ON ITS REVERSE SIDE THEREOF BY THE BENEFICIARY, SPECIFICALLY REFERENCING THIS LETTER OF CREDIT NUMBER.
2. THE ORIGINAL LETTER OF CREDIT AND ANY AMENDMENTS ATTACHED THERETO.
3. A DATED STATEMENT ISSUED ON THE LETTERHEAD OF THE BENEFICIARY AND PURPORTEDLY SIGNED BY AN AUTHORIZED REPRESENTATIVE STATING:
FUNDS ARE DUE MONTGOMERY TOWNSHIP FROM THE CUTLER GROUP, INC. AS THE CUTLER GROUP, INC. IS IN DEFAULT UNDER THE TERMS AND CONDITIONS OF THAT CERTAIN AGREEMENT WITH BENEFICIARY TO REMEDY DEFECTS WHICH DEVELOPED DURING THE TERM OF THE LAND DEVELOPMENT AGREEMENT AGREED TO BY THE BENEFICIARY AND THE CUTLER GROUP, INC. CAUSED BY DEFECTIVE OR INFERIOR MATERIALS OR WORKMANSHIP. THEREFORE WE DEMAND PAYMENT OF USD (SUPPLY AMOUNT) UNDER WELLS FARGO BANK, N.A. STANDBY LETTER OF CREDIT NO. SM237840W.

IT IS A CONDITION OF THIS LETTER OF CREDIT THAT IT SHALL BE DEEMED AUTOMATICALLY EXTENDED WITHOUT WRITTEN AMENDMENT FOR ONE YEAR PERIODS FROM THE PRESENT OR ANY FUTURE EXPIRY DATE UNLESS AT LEAST SIXTY (60) DAYS PRIOR TO SUCH EXPIRATION DATE, WE SEND THE BENEFICIARY NOTICE AT THE ABOVE STATED ADDRESS BY OVERNIGHT COURIER THAT WE ELECT NOT TO EXTEND THIS LETTER OF CREDIT BEYOND THE INITIAL OR ANY EXTENDED EXPIRY DATE THEREOF.

HOWEVER, THIS STANDBY LETTER OF CREDIT SHALL NOT BE EXTENDED BEYOND 09/17/2013 WHICH WILL BE CONSIDERED THE FINAL EXPIRATION DATE. ANY REFERENCE TO A FINAL EXPIRATION DATE DOES NOT IMPLY THAT WELLS FARGO BANK, N.A. IS OBLIGATED TO EXTEND THIS CREDIT BEYOND THE INITIAL EXPIRY DATE OR ANY EXTENDED DATE THEREOF.

CONTINUED ON NEXT PAGE WHICH FORMS AN INTEGRAL PART OF THIS LETTER OF CREDIT

Together we'll go far



WELLS
FARGO

IRREVOCABLE STANDBY LETTER OF CREDIT NO. SM237840W PAGE NO. 2

THIS IRREVOCABLE LETTER OF CREDIT SETS FORTH IN FULL THE TERMS OF OUR UNDERTAKING. THIS UNDERTAKING IS INDEPENDENT OF AND SHALL NOT IN ANY WAY BE MODIFIED, AMENDED, AMPLIFIED, OR INCORPORATED BY REFERENCE TO ANY DOCUMENT, CONTRACT, OR AGREEMENT REFERENCED HEREIN.

WE HEREBY AGREE WITH YOU THAT DRAFT(S) DRAWN UNDER AND IN COMPLIANCE WITH THE TERMS AND CONDITIONS OF THIS CREDIT SHALL BE DULY HONORED IF PRESENTED TOGETHER WITH DOCUMENT(S) AS SPECIFIED ABOVE AT OUR OFFICE LOCATED AT 401 LINDEN STREET, MAIL CODE D4004-017, WINSTON-SALEM, NC 27101, ATTENTION: STANDBY LETTER OF CREDIT DEPT. ON OR BEFORE THE ABOVE STATED EXPIRY DATE, OR ANY EXTENDED EXPIRY DATE IF APPLICABLE.

EXCEPT AS OTHERWISE EXPRESSLY STATED HEREIN, THIS LETTER OF CREDIT IS SUBJECT TO THE INTERNATIONAL STANDBY PRACTICES 1998, INTERNATIONAL CHAMBER OF COMMERCE PUBLICATION NO. 590 ("ISP98").

SINCERELY,
WELLS FARGO BANK, N.A.

AUTHORIZED SIGNATURE
DDS

THE ORIGINAL OF THIS LETTER OF CREDIT CONTAINS AN EMBOSSED SEAL OVER THE AUTHORIZED SIGNATURE.

PLEASE DIRECT ANY CORRESPONDENCE INCLUDING DRAWING OR INQUIRY QUOTING OUR REFERENCE NUMBER TO:

WELLS FARGO BANK, N.A.
401 LINDEN STREET, MAIL CODE D4004-017
WINSTON-SALEM, NC 27101
ATTN: STANDBY LETTER OF CREDIT DEPT.

OUR CUSTOMER CARE PHONE NUMBER FOR QUERIES IS 800-776-3862
OUR FAX NUMBER IS 336-735-0950

Together we'll go far



**Amendment To
Irrevocable Standby Letter Of Credit**

*MONTGOMERY
KNOLL
PHASE 1*

Number: SM237962W
Amendment Number: 005
Amend Date: September 28, 2016

BENEFICIARY

MONTGOMERY TOWNSHIP
1001 STUMP ROAD
MONTGOMERYVILLE, PENNSYLVANIA 18936

APPLICANT

THE CUTLER GROUP, INC.
5 APOLLO RD., SUITE 1
PLYMOUTH MEETING, PENNSYLVANIA 19462

LADIES AND GENTLEMEN:

AT THE REQUEST AND FOR THE ACCOUNT OF THE ABOVE REFERENCED APPLICANT, WE HEREBY AMEND OUR IRREVOCABLE STANDBY LETTER OF CREDIT (THE "WELLS CREDIT") IN YOUR FAVOR AS FOLLOWS:

THE EXPIRY DATE IS EXTENDED TO 10/06/2017.

ALL OTHER TERMS AND CONDITIONS REMAIN UNCHANGED.

THIS AMENDMENT IS TO BE ATTACHED TO THE ORIGINAL WELLS CREDIT AND IS AN INTEGRAL PART THEREOF.

Very Truly Yours,

WELLS FARGO BANK, N.A.

By:


Authorized Signature

The original of this letter of credit amendment contains an embossed seal over the authorized signature.

Please direct any written correspondence or inquiries regarding this Letter of Credit, always quoting our reference number, to **Wells Fargo Bank, National Association**, Attn: U.S. Standby Trade Services

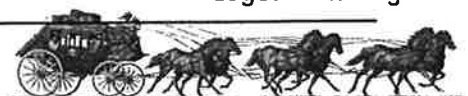
at either 794 Davis Street, 2nd Floor
MAC A0283-023,
San Leandro, CA 94577-6922

or 401 N. Research Pkwy, 1st Floor
MAC D4004-017,
WINSTON-SALEM, NC 27101-4157

Phone inquiries regarding this credit should be directed to our Standby Customer Connection Professionals

1-800-798-2815 Option 1
(Hours of Operation: 8:00 a.m. PT to 5:00 p.m. PT)

1-800-776-3862 Option 2
(Hours of Operation: 8:00 a.m. EST to 5:30 p.m. EST)



**Amendment To
Irrevocable Standby Letter Of Credit**

Number : SM237962W
Amendment Number : 004
Amend Date : June 12, 2015

BENEFICIARY

MONTGOMERY TOWNSHIP
1001 STUMP ROAD
MONTGOMERYVILLE, PENNSYLVANIA 18936

APPLICANT

THE CUTLER GROUP, INC.
5 APOLLO RD., SUITE 1
PLYMOUTH MEETING, PENNSYLVANIA 19462

LADIES AND GENTLEMEN:

AT THE REQUEST AND FOR THE ACCOUNT OF THE ABOVE REFERENCED APPLICANT, WE HEREBY AMEND OUR IRREVOCABLE STANDBY LETTER OF CREDIT (THE "WELLS CREDIT") IN YOUR FAVOR AS FOLLOWS:

THE EXPIRY DATE IS EXTENDED TO 10/06/2016.

THE WELLS FARGO BANK, N.A. WINSTON-SALEM, NORTH CAROLINA STANDBY LETTER OF CREDIT DEPARTMENT HAS A NEW ADDRESS. ON AND AFTER MARCH 23, 2015, ALL DRAFTS, DEMANDS, OR DOCUMENTS PRESENTED UNDER THIS L/C AND ALL NOTICES AND COMMUNICATIONS MADE WITH RESPECT TO THIS L/C THAT PREVIOUSLY WOULD HAVE BEEN DIRECTED TO 401 LINDEN STREET, WINSTON-SALEM, NORTH CAROLINA, SHOULD NOW BE PRESENTED OR DELIVERED TO WELLS FARGO BANK, N.A., STANDBY LETTER OF CREDIT PROCESSING, 401 N. RESEARCH PKWY, WINSTON-SALEM, NORTH CAROLINA 27101-4157.

ALL OTHER TERMS AND CONDITIONS REMAIN UNCHANGED.

THIS AMENDMENT IS TO BE ATTACHED TO THE ORIGINAL WELLS CREDIT AND IS AN INTEGRAL PART THEREOF.

Very Truly Yours,

WELLS FARGO BANK, N.A.

By:


Authorized Signature

The original of this letter of credit amendment contains an embossed seal over the authorized signature.



Please direct any written correspondence or inquiries regarding this Letter of Credit, always quoting our reference number, to **Wells Fargo Bank, National Association**, Attn: U.S. Standby Trade Services

at either 794 Davis Street, 2nd Floor
MAC A0283-023,
San Leandro, CA 94577-6922

or 401 N. Research Pkwy, 1st Floor
MAC D4004-017,
WINSTON-SALEM, NC 27101-4157

Phone inquiries regarding this credit should be directed to our Standby Customer Connection Professionals

1-800-798-2815 Option 1
(Hours of Operation: 8:00 a.m. PT to 5:00 p.m. PT)

1-800-776-3862 Option 2
(Hours of Operation: 8:00 a.m. EST to 5:30 p.m. EST)





Wells Fargo Bank, N.A.
 U.S. Trade Services
 Standby Letters of Credit
 401 Linden Street, 1st Floor
 MAC D4004-017,
 Winston-Salem, NC 27101
 Phone: 1(800) 776-3862 Option 2
 E-Mail: sblc-new@wellsfargo.com

**Amendment To
 Irrevocable Standby Letter Of Credit**

Number: SM237962W
Amendment Number: 003
Amend Date: August 29, 2014

BENEFICIARY

MONTGOMERY TOWNSHIP
 1001 STUMP ROAD
 MONTGOMERYVILLE, PENNSYLVANIA 18936

APPLICANT

THE CUTLER GROUP, INC.
 5 APOLLO RD., SUITE 1
 PLYMOUTH MEETING, PENNSYLVANIA 19462

Ladies and Gentlemen:

At the request and for the account of the above referenced applicant, we hereby amend our Irrevocable Standby Letter of Credit (the "Wells Credit") in your favor as follows:

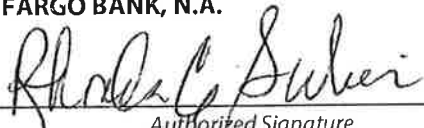
The expiry date is extended to October 6, 2015.

All other terms and conditions remain unchanged.

This Amendment is to be attached to the original Wells Credit and is an integral part thereof.

Very Truly Yours,

WELLS FARGO BANK, N.A.

By: 
 Authorized Signature

The original of this letter of credit amendment contains an embossed seal over the authorized signature.



Please direct any written correspondence or inquiries regarding this Letter of Credit, always quoting our reference number, to **Wells Fargo Bank, National Association**, Attn: U.S. Standby Trade Services

at either 794 Davis Street, 2nd Floor
MAC A0283-023,
San Leandro, CA 94577-6922

or 401 Linden Street, 1st Floor
MAC D4004-017,
Winston-Salem, NC 27101

Phone inquiries regarding this credit should be directed to our Standby Customer Connection Professionals

1-800-798-2815 Option 1
(Hours of Operation: 8:00 a.m. PT to 5:00 p.m. PT)

1-800-776-3862 Option 2
(Hours of Operation: 8:00 a.m. EST to 5:30 p.m. EST)



**Amendment To
Irrevocable Standby Letter Of Credit**

Number : SM237962W
Amendment Number : 002
Amend Date : September 27, 2013

BENEFICIARY

MONTGOMERY TOWNSHIP
1001 STUMP ROAD
MONTGOMERYVILLE, PENNSYLVANIA 18936

APPLICANT

THE CUTLER GROUP, INC.
5 APOLLO RD., SUITE 1
PLYMOUTH MEETING, PENNSYLVANIA 19462

LADIES AND GENTLEMEN:

AT THE REQUEST AND FOR THE ACCOUNT OF THE ABOVE REFERENCED APPLICANT, WE HEREBY AMEND OUR IRREVOCABLE STANDBY LETTER OF CREDIT (THE "WELLS CREDIT") IN YOUR FAVOR AS FOLLOWS:

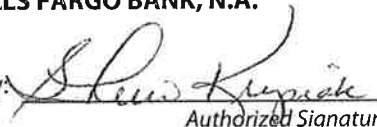
EXPIRATION DATE EXTENDED TO A NEW FINAL MATURITY DATE OF OCTOBER 6, 2014. THE AUTOMATIC EXTENSION PROVISION IS NO LONGER IN EFFECT.

ALL OTHER TERMS AND CONDITIONS REMAIN UNCHANGED.

THIS AMENDMENT IS TO BE ATTACHED TO THE ORIGINAL WELLS CREDIT AND IS AN INTEGRAL PART THEREOF.

Very Truly Yours,

WELLS FARGO BANK, N.A.

By: 
Authorized Signature

The original of this letter of credit amendment contains an embossed seal over the authorized signature.

Please direct any written correspondence or inquiries regarding this Letter of Credit, always quoting our reference number, to **Wells Fargo Bank, National Association**, Attn: U.S. Standby Trade Services

at either 794 Davis Street
MAC A0283-023,
San Leandro, CA 94577-6922

or 401 Linden Street
MAC D4004-017,
Winston-Salem, NC 27101

Phone inquiries regarding this credit should be directed to our Standby Customer Connection Professionals

1-800-798-2815 Option 1
(Hours of Operation: 8:00 a.m. PT to 5:00 p.m. PT)

1-800-776-3862 Option 2
(Hours of Operation: 8:00 a.m. EST to 5:30 p.m. EST)





Wells Fargo Bank, N.A.
 U. S. Trade Services
 Standby Letters of Credit
 MAC D4004-012
 401 Linden Street, 1st Floor
 Winston-Salem, NC 27101
 Phone: 1(800) 776-3862 Option 2
 E-Mail: sbhc-new@wellsfargo.com

**Amendment To
 Irrevocable Standby Letter Of Credit**

Number : SM237962W
Amendment Number : 001
Amend Date : April 24, 2013

BENEFICIARY	APPLICANT
MONTGOMERY TOWNSHIP 1001 STUMP ROAD MONTGOMERYVILLE, PENNSYLVANIA 18936	THE CUTLER GROUP, INC. 5 APOLLO RD., SUITE 1 PLYMOUTH MEETING, PENNSYLVANIA 19462

LADIES AND GENTLEMEN:

AT THE REQUEST AND FOR THE ACCOUNT OF THE ABOVE REFERENCED APPLICANT, WE HEREBY AMEND OUR IRREVOCABLE STANDBY LETTER OF CREDIT (THE "WELLS CREDIT") IN YOUR FAVOR AS FOLLOWS:

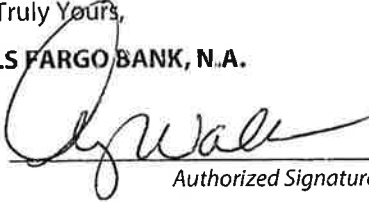
THE CURRENT AVAILABLE AMOUNT IS DECREASED BY USD 59,007.00 TO USD 179,450.90 .

ALL OTHER TERMS AND CONDITIONS REMAIN UNCHANGED.

THIS AMENDMENT IS TO BE ATTACHED TO THE ORIGINAL WELLS CREDIT AND IS AN INTEGRAL PART THEREOF.

Very Truly Yours,

WELLS FARGO BANK, N.A.

By: 
 Authorized Signature

The original of this letter of credit amendment contains an embossed seal over the authorized signature.

Please direct any written correspondence or inquiries regarding this Letter of Credit, always quoting our reference number, to **Wells Fargo Bank, National Association**, Attn: U.S. Standby Trade Services

at either One Front Street
 MAC A0195-212,
 San Francisco, CA 94111

or 401 Linden Street
 MAC D4004-017,
 Winston-Salem, NC 27101

Phone inquiries regarding this credit should be directed to our Standby Customer Connection Professionals

1-800-798-2815 Option 1 (Hours of Operation: 8:00 a.m. PT to 5:00 p.m. PT)	1-800-776-3862 Option 2 (Hours of Operation: 8:00 a.m. EST to 5:30 p.m. EST)
---	---





IRREVOCABLE STANDBY LETTER OF CREDIT NO. SM237962W

LETTER OF CREDIT AMOUNT	ISSUE DATE	EXPIRY DATE
USD 238,457.90	10/13/10	10/06/11

BENEFICIARY:
MONTGOMERY TOWNSHIP
1001 STUMP ROAD
MONTGOMERYVILLE, PA 18936

APPLICANT:
THE CUTLER GROUP, INC.
5 APOLLO ROAD SUITE 1
PLYMOUTH MEETING, PA 19462

WE HEREBY OPEN OUR IRREVOCABLE STANDBY LETTER OF CREDIT IN YOUR FAVOR FOR THE ACCOUNT OF THE ABOVE REFERENCED APPLICANT IN THE AGGREGATE AMOUNT OF (TWO HUNDRED THIRTY-EIGHT THOUSAND FOUR HUNDRED FIFTY-SEVEN AND 90/100) USD 238, 457.90 WHICH IS AVAILABLE BY PAYMENT UPON PRESENTATION OF THE FOLLOWING DOCUMENTS:

1. A DRAFT AT SIGHT DRAWN ON WELLS FARGO BANK, N.A., DULY ENDORSED ON ITS REVERSE SIDE THEREOF BY THE BENEFICIARY, SPECIFICALLY REFERENCING THIS LETTER OF CREDIT NUMBER.
2. THE ORIGINAL LETTER OF CREDIT AND ANY AMENDMENTS ATTACHED THERETO.
3. A DATED STATEMENT ISSUED ON THE LETTERHEAD OF THE BENEFICIARY AND PURPORTEDLY SIGNED BY AN AUTHORIZED REPRESENTATIVE STATING:
THE AMOUNT OF THE ACCOMPANYING DRAFT REPRESENTS FUNDS DUE MONTGOMERY TOWNSHIP FROM THE CUTLER GROUP, INC AS THE CUTLER GROUP, INC. IS IN DEFAULT UNDER THE TERMS AND CONDITIONS OF ITS AGREEMENT WITH BENEFICIARY TO REMEDY DEFECTS WHICH DEVELOPED DURING THE TERM OF THE LAND DEVELOPMENT AGREEMENT AGREED TO BY THE BENEFICIARY AND THE CUTLER GROUP CAUSED BY DEFECTIVE OR INFERIOR MATERIALS OR WORKMANSHIP. WE THEREFORE DEMAND PAYMENT IN THE AMOUNT OF (INSERT AMOUNT) AS SAME IS DUE AND OWING.

IT IS A CONDITION OF THIS LETTER OF CREDIT THAT IT SHALL BE DEEMED AUTOMATICALLY EXTENDED WITHOUT WRITTEN AMENDMENT FOR ONE YEAR PERIODS FROM THE PRESENT OR ANY FUTURE EXPIRY DATE UNLESS AT LEAST SIXTY (60) DAYS PRIOR TO SUCH EXPIRATION DATE, WE SEND THE BENEFICIARY NOTICE AT THE ABOVE STATED ADDRESS BY OVERNIGHT COURIER THAT WE ELECT NOT TO EXTEND THIS LETTER OF CREDIT BEYOND THE INITIAL OR ANY EXTENDED EXPIRY DATE THEREOF.

HOWEVER, THIS STANDBY LETTER OF CREDIT SHALL NOT BE EXTENDED BEYOND 10/06/2013 WHICH WILL BE CONSIDERED THE FINAL EXPIRATION DATE. ANY REFERENCE TO A FINAL EXPIRATION DATE DOES NOT IMPLY THAT WELLS FARGO BANK, N.A. IS OBLIGATED TO EXTEND THIS CREDIT BEYOND THE INITIAL EXPIRY DATE OR ANY EXTENDED DATE THEREOF.

CONTINUED ON NEXT PAGE WHICH FORMS AN INTEGRAL PART OF THIS LETTER OF CREDIT

Together we'll go far

OCT 14 2010





THIS IRREVOCABLE LETTER OF CREDIT SETS FORTH IN FULL THE TERMS OF OUR UNDERTAKING. THIS UNDERTAKING IS INDEPENDENT OF AND SHALL NOT IN ANY WAY BE MODIFIED, AMENDED, AMPLIFIED, OR INCORPORATED BY REFERENCE TO ANY DOCUMENT, CONTRACT, OR AGREEMENT REFERENCED HEREIN.

WE HEREBY AGREE WITH YOU THAT DRAFT(S) DRAWN UNDER AND IN COMPLIANCE WITH THE TERMS AND CONDITIONS OF THIS CREDIT SHALL BE DULY HONORED IF PRESENTED TOGETHER WITH DOCUMENT(S) AS SPECIFIED ABOVE AT OUR OFFICE LOCATED AT 401 LINDEN STREET, MAIL CODE D4004-017, WINSTON-SALEM, NC 27101, ATTENTION: STANDBY LETTER OF CREDIT DEPT. ON OR BEFORE THE ABOVE STATED EXPIRY DATE, OR ANY EXTENDED EXPIRY DATE IF APPLICABLE.

EXCEPT AS OTHERWISE EXPRESSLY STATED HEREIN, THIS LETTER OF CREDIT IS SUBJECT TO THE INTERNATIONAL STANDBY PRACTICES 1998, INTERNATIONAL CHAMBER OF COMMERCE PUBLICATION NO. 590 ("ISP98").

SINCERELY,
WELLS FARGO BANK, N.A.


AUTHORIZED SIGNATURE / DDS

THE ORIGINAL OF THIS LETTER OF CREDIT CONTAINS AN EMBOSSED SEAL OVER THE AUTHORIZED SIGNATURE.

PLEASE DIRECT ANY CORRESPONDENCE INCLUDING DRAWING OR INQUIRY QUOTING OUR REFERENCE NUMBER TO:

WELLS FARGO BANK, N.A.
401 LINDEN STREET, MAIL CODE D4004-017
WINSTON-SALEM, NC 27101
ATTN: STANDBY LETTER OF CREDIT DEPT.

OUR CUSTOMER CARE PHONE NUMBER FOR QUERIES IS 800-776-3862
OUR FAX NUMBER IS 336-735-0950

Together we'll go far



MONTGOMERY TOWNSHIP BOARD OF SUPERVISORS
BOARD ACTION SUMMARY

SUBJECT: Consider Approval of Traffic Signal Documents – LDS 690 – Montgomery Retirement Residential LLC – Doylestown Road and Montgomery Glen Drive

MEETING DATE: August 28, 2017

ITEM NUMBER: #9

MEETING/AGENDA: ACTION XX NONE

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

INITIATED BY: Lawrence J. Gregan
Township Manager

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

BACKGROUND:

The Township is requesting authorization to submit an application to PennDOT to upgrade the traffic signal at Doylestown Road and Montgomery Glen Drive. As required under the land development approval for LDS 690 Montgomery Retirement Residence LLC.

Approval and execution of the following documents is required to obtain approval for the signal by PennDOT and authorize the installation of the signal equipment.

- a. Resolution Approving the TE-160 Form and approval resolution for the updated traffic signal plan – Doylestown Road & Montgomery Glen Drive
- b. Access easement between 202 Market Place and Montgomery Township for the new traffic signal standard on the southeast corner of the above intersection.
- c. Access easement between Montgomery Retirement Residence and Montgomery Township for the new traffic signal standard on the northwest corner of the above intersection.
- d. Authorization for Agent – Highway Occupancy Permit (HOP) – Doylestown Road permitting McMahon Associates to submit the HOP on behalf of Montgomery Township.
- e. Indemnification Agreement – Montgomery Retirement Residence LLC & Montgomery Township – HOP concerning Subsurface Stormwater Management Facilities in the PennDOT right-of-way.

The revisions have been reviewed by the Township Traffic Engineer and recommended for approval.

ZONING, SUBDIVISION OR LAND DEVELOPMENT IMPACT:

None.

PREVIOUS BOARD ACTION:

None.

ALTERNATIVES/OPTIONS:

None.

BUDGET IMPACT:

The costs for upgrading these traffic signals are the responsibility of the developer and will included in the Escrow funds posted to guarantee the completion of the improvements.

RECOMMENDATION:

It is recommended that the Board authorize the execution of the necessary Resolution and Agreements relating to upgrading the traffic signal at the intersection of Doylestown Road and Montgomery Glen Drive.

MOTION/RESOLUTION:

BE IT RESOLVED by the Board of Supervisors of Montgomery Township that the following documents for the installation and upgrades to the traffic signal at the intersection of Doylestown Road and Montgomery Glen Drive are hereby approved:

- a. Resolution Approving the TE-160 Form and approval resolution for the updated traffic signal plan – Doylestown Road & Montgomery Glen Drive
- b. Access easement between 202 Market Place and Montgomery Township for the new traffic signal standard on the southeast corner of the above intersection.
- c. Access easement between Montgomery Retirement Residence and Montgomery Township for the new traffic signal standard on the northwest corner of the above intersection.
- d. Authorization for Agent – Highway Occupancy Permit (HOP) – Doylestown Road permitting McMahon Associates to submit the HOP on behalf of Montgomery Township.
- e. Indemnification Agreement – Montgomery Retirement Residence LLC & Montgomery Township – HOP concerning Subsurface Stormwater Management Facilities in the PennDOT right-of-way.

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.



TRAFFIC PLANNING AND DESIGN, INC.

WWW.TRAFFICPD.COM

August 24, 2017

Mr. Larry Gregan
Township Manager
Montgomery Township
1001 Stump Road
Montgomeryville, PA 18936-9605

RE: Fairway 202 Associates, L.P.
Traffic Signal Permit Plan Review
Montgomery Township, Montgomery County, PA
Montgomery Township
TPD No. MOTO.00085

Dear Larry:

In our role as Township Traffic Engineer, Traffic Planning and Design, Inc. (TPD) has reviewed the Traffic Signal Permit and System plans prepared by McMahon Associates, received by email on August 22, 2017.

Based on our review, all of our previous comments pertaining to the traffic signal permit and system plans have been addressed. The plans and associated documentation are now in a position to be approved and signed by the Township Supervisors so that they can be included in the applicant's final submission to PennDOT.

Please call if you have any questions.

Sincerely,

TRAFFIC PLANNING AND DESIGN, INC.

Kevin L. Johnson, P.E.

President

kjohnson@TrafficPD.com

cc: Mr. Bruce S. Shoupe, Township Director of Planning and Zoning
Marita Stoerrle, Township Development Coordinator
Kevin Costello, Township Public Works Director
Russ Dunlevy, P.E., Township Engineer
Dean Carr, P.E., McMahon Associates
Joseph Platt, P.E., TPD
Eric Hammond, TPD

RESOLUTION

BE IT RESOLVED, by authority of the _____
(Name of governing body)

of the Montgomery Township , _____ County, and it
(Name of MUNICIPALITY)

is hereby resolved by authority of the same, that the _____
(designate official title)

of said MUNICIPALITY is authorized and directed to submit the attached Application for Traffic Signal Approval to the Pennsylvania Department of Transportation and to sign this Application on behalf of the MUNICIPALITY.

ATTEST: _____
Montgomery Township
(Name of MUNICIPALITY)

(Signature and designation of official title) By: _____
(Signature and designation of official title)

I, _____ , _____
(Name) (Official Title)

of the _____ , do hereby certify that the foregoing
(Name of governing body and MUNICIPALITY)

is a true and correct copy of the Resolution adopted at a regular meeting of the
_____, held the _____ day of _____, 20____ .
(Name of governing body)

DATE: _____

(Signature and designation of official title)

Application for Traffic Signal Approval



Please Type or Print all information in Blue or Black Ink

County : _____
 Engineering District : _____
 Department Tracking # : _____
 Initial Submission Date : _____

A - Applicant's (Municipal) Contact Information

Municipal Contact's Name : Lawrence J. Gregan **Title :** Township Manager
Municipal Name : Montgomery Township
Municipal Address : 1001 Stump Rd Montgomeryville, PA 18936
Municipal Phone Number : (215) 393-6900 **Alternative Phone Number :** _____
E-mail Address : lgregan@montgomerytp.org
Municipal Hours of Operation : 8:30 AM - 4:30 PM

B - Application Description

Location (intersection) : Doylestown Road (SR 2202) and Montgomery Glen Drive

Traffic Control Device is : NEW Traffic Signal EXISTING Traffic Signal **(Permit Number) :** 64-2782

Type of Device (select one) Traffic Control Signal (MUTCD Section 4D, 4E, 4G) Flashing Beacon (MUTCD Section 4L) School Warning System (MUTCD Section 7B)
 Other : _____

Is Traffic Signal part of a system? : YES NO **System Number (if applicable) :** _____
If YES, provide locations of all signalized intersections in system.

Explain the proposed improvements :

Widening of southbound SR 2202 to provide separate left, thru and right lanes, construction of Local Access Road on west side of SR 2202 across from Montgomery Glen Drive, upgrades to the pedestrian accommodations, adding the signal to the Township's traffic adaptive system and connecting the signal to PennDOT's existing fiber optic backbone along SR 2202.

Associated with Highway Occupancy Permit (HOP)? : YES NO **If YES, HOP Application # :** 123523

C - Maintenance and Operation Information

Maintenance and Operations are typically performed by? :

Municipal Personnel Municipal Contractor Municipal Personnel & Contractor
 Other : _____

Maintenance and Operations Contact Name : _____ **Company/Organization :** _____

Phone # : _____ **Alternative Phone # :** _____ **E-mail :** _____

D - Attachments Listing

- | | | |
|---|---|---|
| <input checked="" type="checkbox"/> Municipal Resolution (required) | <input type="checkbox"/> Location Map | <input type="checkbox"/> Traffic Volumes / Pedestrian Volumes |
| <input type="checkbox"/> Letter of Financial Commitment | <input type="checkbox"/> Photographs | <input type="checkbox"/> Turn Lane Analysis |
| <input type="checkbox"/> Traffic Signal Permit | <input type="checkbox"/> Straight Line Diagram | <input type="checkbox"/> Turn Restriction Studies |
| <input type="checkbox"/> Warrant Analysis | <input type="checkbox"/> Capacity Analysis | <input type="checkbox"/> Other : _____ |
| <input type="checkbox"/> Crash Analysis | <input type="checkbox"/> Traffic Impact Study (TIS) | |
| <input type="checkbox"/> Traffic Signal Study | <input type="checkbox"/> Condition Diagram | |

**Application for
Traffic Signal Approval**



Please Type or Print all information in Blue or Black Ink

County : _____
 Engineering District : _____
 Department Tracking # : _____
 Initial Submission Date : _____

E - Applicant (Municipal) Certification

The applicant desires to own, operate, and maintain the traffic control device in the location indicated above; and the Vehicle Code requires the approval of the Department of Transportation ("Department") before any traffic signals may be legally erected or modified. A signed Application for Traffic Signal Approval (TE-160) must be submitted in conformance with the instructions provided by the Department, and a Traffic Signal Permit must be issued, before any work can begin.

If the Department approves a traffic signal after a traffic engineering study and engineering judgment indicates the need, the traffic signal shall be installed, owned, operated, and maintained within the parameters indicated in the Vehicle Code and the Department's regulations relating to traffic signs, signals, and markings. The Department may direct appropriate alterations to the design or operation (including, but not limited to, hours of operation) of the traffic signal, or require removal of the traffic signal, if traffic conditions or other considerations necessitate alteration or removal.

All items associated with the traffic control device (geometric features, signs, signals, pavement markings, pedestrian accommodations, and other traffic control device associated items) are the applicant's responsibility. The Traffic Signal Permit will then document all of the items associated with operation of each traffic control device. The applicant, at its sole expense, shall provide the necessary inspection, maintenance, and operation activities in conformance with the Department's Publication 191 or as otherwise agreed to by the Department. The applicant shall perform the preventative and responsive maintenance requirements and recordkeeping in accordance with the exhibits specified below. If the applicant fails to provide the required inspection, maintenance, or operation services within thirty (30) days of receipt of written notice from the Department, the Department shall have the right to perform the required inspection, maintenance, or operation services in the applicant's stead and the applicant shall reimburse the Department for all costs incurred. Federal- and/or state-aid participation may be withheld on all future projects if the applicant fails to demonstrate to the Department the ability to provide all required maintenance and operation services. The applicant certifies that it has funds available and committed for the operation and maintenance of the traffic control device and that it will make available sufficient funds for all required future inspection, maintenance, and operation activities.

The applicant shall indemnify, save harmless and, defend (if requested) the Commonwealth of Pennsylvania, its agents, representatives, and employees from and against any damages recoverable under the Sovereign Immunity Act, 42 Pa. C.S. §§ 8521-8528, up to the limitations on damages under said law, arising out of any personal injury or damage to property which is finally determined by a court to be caused by or result from acts or omissions of the applicant and for which a court has held applicant, its officials, or employees to be liable. This provision shall not be construed to limit the applicant in asserting any rights or defenses. Additionally, the applicant shall include in any contracts into which it enters for maintenance, operation, or inspection of the traffic control device this same obligation to indemnify the Commonwealth and its officers, agents, and employees; and it shall require its contractor(s) to provide public liability insurance coverage, naming the Commonwealth and the applicant as additional insureds for bodily injury, including death and property damage, in the minimum amounts of \$500,000 per person, \$1,000,000 per occurrence, it being the intention of parties to have the contractor fully insure and indemnify the Commonwealth and the applicant.

The applicant shall comply with the study and ordinance requirements of 75 Pa. C.S. § 6109. The applicant submits this application with the intention of being legally bound.

Neither this application nor any Traffic Signal Permit creates any rights or obligations with respect to parties other than the applicant and the Department. Third parties may not rely upon any representations made by either the applicant or the Department in connection with the submission or approval of this application or any work permitted or approved that is related to this application, as regards either payment of funds or performance of any particular item of maintenance precisely as specified.

The applicant agrees to comply with the attached Exhibits:

- Exhibit "A": Preventative and Response Maintenance Requirements (Sheet 3 of 5)
- Exhibit "B": Recordkeeping (Sheet 4 of 5)
- Exhibit "C": Signal Maintenance Organization (Sheet 5 of 5)

Printed Municipal Contact Name : _____ **Date :** _____
Signed By : _____ **Witness or Attest :** _____
Title of Signatory : _____ **Title of Witness or Attester:** _____

**Exhibit "A":
Preventative and Response Maintenance
Requirements**



County : _____
 Engineering District : _____
 Department Tracking # : _____
 Initial Submission Date : _____

Preventive Maintenance

The APPLICANT or its contractor will provide preventive maintenance for each individual component of the traffic signal installation covered by this application at intervals not less than those indicated in the Preventive Maintenance Summary, PA DOT Publication 191, current version. This is the recommended level of maintenance to keep the intersection control equipment and signals in mechanically, structurally and aesthetically good condition.

Response Maintenance

The APPLICANT or its contractor will provide response maintenance in accordance with the provisions of the Response Maintenance Schedule. It encompasses the work necessary to restore a traffic signal system to proper and safe operation. Includes Emergency Repair and Final Repair.

FINAL REPAIR:

Repair or replace failed equipment to restore system to proper and safe operation in accordance with permit within a 24-hour period.

EMERGENCY REPAIR:

Use alternative means or mode to temporarily restore system to safe operation within a 24-hour period. Final repair must then be completed within 30 days unless prohibited by weather conditions or availability of equipment.

Response Maintenance Schedule

KNOCKDOWNS

- Support - Mast arm
- Support - Strain pole
- Span wire/tether wire
- Pedestal
- Cabinet
- Signal heads

TYPE OF REPAIR PERMITTED

- Emergency or Final
- Emergency or Final
- Final Only
- Emergency or Final
- Emergency or Final
- Final Only

EQUIPMENT FAILURE

- Lamp burnout (veh. & ped.)
- Local controller
- Master controller
- Detector sensor
 - Loop
 - Magnetometer
 - Sonic
 - Magnetic
 - Pushbutton
- Detector amplifier
- Conflict monitor
- Flasher
- Time clock
- Load switch/relay
- Coordination unit
- Communication interface, mode
- Signal cable
- Traffic Signal Communications
- Traffic Signal Systems

- Final Only
- Emergency or Final
- Emergency or Final
- Emergency or Final
- Emergency or Final
- Emergency or Final
- Emergency or Final
- Final Only
- Final Only
- Emergency or Final
- Final Only
- Emergency or Final
- Final Only
- Final Only
- Final Only

**Exhibit "B":
Recordkeeping**



County : _____

Engineering District : _____

Department Tracking # : _____

Initial Submission Date : _____

Recordkeeping

Accurate and up-to-date recordkeeping is an essential component of a good traffic signal maintenance program. In recognition of this fact, the APPLICANT must prepare, retain, and make available to the COMMONWEALTH, on request, a record of all preventive and response maintenance activities performed on the traffic signal equipment covered by this application.

The APPLICANT shall establish a separate file for each installation and keep its records in the municipal building, signal maintenance shop, or other weather-protected enclosure.

At a minimum, the following records will be kept by the APPLICANT or its contractor for each traffic signal. These forms can be found in Section 10.0, Maintenance Record Forms, PA DOT Publication 191, current version.

FORM 1 - Master Intersection Record

This form, which lists all maintenance functions performed at the intersection, should be updated within one day of the activity but no more than one week later.

FORM 2 - Response Maintenance Record

Each time response maintenance is required at the intersection, this form is to be completed. Once the pertinent information is transferred to the master intersection record, this form is to be placed in the intersection file.

FORM 3 - Preventive Maintenance Record

This form will be used to provide a record of the preventive maintenance activities performed at each intersection. The date, the activities performed, and the signature of the person in charge of the work must be recorded in the form.

This form may be kept at the intersection, if it is adequately protected from the weather. Form 1 must be updated at the central file, however, to reflect the date and activity.

**Exhibit "C":
Signal Maintenance Organization**

County : _____
 Engineering District : _____
 Department Tracking # : _____
 Initial Submission Date : _____

Personnel Classifications

In order to properly maintain the traffic signal equipment covered by this applicant, the APPLICANT agrees to provide, as minimum, the following staff throughout the useful life of equipment. The APPLICANT agrees to abide by all guidance provided in PA DOT Publication 191.

Traffic Engineer - The administrative position which has prime responsibility for the proper operation of traffic signal equipment. The principal function of this position is the supervision and control of subordinate personnel and the planning of their activities to ensure adequate preventive and response maintenance programs.

Minimum Position Requirements

1. A thorough understanding of traffic signal design, installation and maintenance.
2. A working knowledge of the interaction between the following traffic characteristics: Intersection geometry, traffic flow theory, control type (fixed time, actuated, etc.), signal phasing and timing, and interconnection.
3. An ability to supervise subordinate personnel effectively in the assignment of their work.
4. Possession of a college degree in engineering, which includes course work in traffic engineering.
5. Either four years experience in the field of traffic engineering or its equivalent in graduate college work.

Signal Specialist - The individual responsible for the diagnostics and repair of all traffic signal equipment including solid state equipment.

Minimum Position Requirements

1. Extensive training and troubleshooting skills in electronics and software.
2. Ability to repair modules in the shop and to design test equipment needed to diagnose and repair a problem.
3. Ability to make design and modifications to implement or omit special functions.
4. Ability to implement a recordkeeping system to include maintenance activities, inventory control and identification of recurring problems.
5. Ability to perform all tasks required of a signal technician.

Signal Technician - Individual responsible for the operation and maintenance of traffic signals and electromechanical equipment.

Minimum Position Requirements

1. Ability to perform response maintenance on solid state equipment up to the device exchange level.
2. Capability to diagnose a vehicle loop failure and initiate corrective action.
3. Ability to tune detector amplifiers.
4. Ability to follow wiring schematics, check and set timings from plan sheet and check all field connections.
5. Ability to perform preventive maintenance on all equipment and to maintain accurate records of all work perform.

Training

The APPLICANT agrees to secure training in order to upgrade the ability of its present staff to properly perform the required maintenance functions. The APPLICANT agrees to abide by all guidance provided in PA DOT Publication 191.

Budget Requirements

The APPLICANT agrees to provide, in its annual operating budget, dedicated funds which are sufficient to cover the cost of the personnel, training, contractors (if utilized) and specialized maintenance equipment which are required, by virtue of this application. The APPLICANT agrees to abide by all guidance provided in PA DOT Publication 191..



Application Instructions

A - Applicant's (Municipal) Contact Information

Municipal Contact's Name: Provide the municipal contact name that is (or will be responsible) for the traffic signal. Typically this is either the Municipal Manager or Roadmaster.

Title: Provide the title of the municipal contact name.

Municipal Name: Provide the official municipal name.

Municipal Address: Provide the full address of the municipal building.

Municipal Phone Number: Provide the municipal phone number of the municipal contact.

Alternative Phone Number: Provide an alternative phone number of the municipal contact.

E-mail Address: Provide the e-mail address of the municipal contact.

Municipal Hours of Operation: Please provide the municipalities normal operating hours (i.e. Monday-Thursday 9 AM - 2 PM)

B - Application Description

Location (*intersection*): Please provide a detailed location of the device or devices being considered for approval.

Please include any State Route and/or local road names in your description.

Traffic Control Device is: (Please select one of the two following categories)

NEW Traffic Signal: This item should be selected when requesting approval of a traffic signal that is currently not in operation at the device location indicated above.

EXISTING Traffic Signal: This item should be selected when requesting approval to make a modification or update to an existing traffic signal.

(Permit Number): Please provide the traffic signal permit number.

Type of Device (select one): (Please select one of the four following categories)

Traffic Control Signal: As defined in federal Manual on Uniform Traffic Control Devices (MUTCD) Sections 4D, 4E, and 4G. When selecting this category this is the typical red/yellow/green and pedestrian signal indications

Flashing Beacon: As defined in federal Manual on Uniform Traffic Control Devices (MUTCD) Section 4L. When selecting this category, this is typically either the flashing yellow/red signal at an intersection and/or the flashing yellow warning sign.

School Warning System: As defined in federal Manual on Uniform Traffic Control Devices (MUTCD) Section 7B. When selecting this category, this is typically the flashing school warning sign with a 15 mph indication.

Other: When selecting this category, this pertains to all other permitted electrically powered traffic control devices approved by the Department.

Is Traffic Signal part of a system?: Check off the appropriate box, either YES or NO. If YES, please fill in the **System Number (if applicable):** line.

Explain the proposed improvements: Provide a description of the proposed improvements to the intersection. This may be as complex as installing and/or upgrading a traffic signal or as non-complex as placement of a new traffic sign to supplement an existing traffic signal.

Associated with Highway Occupancy Permit (HOP)?: Check off the appropriate box, either YES or NO. If YES, please fill in the **Application #:** line.

C - Maintenance and Operation Information

Maintenance and Operations are typically performed by?: Please indicate if maintenance and operation will be performed by Municipal Personnel or through Contract Services.

Maintenance and Operations Contact Name: Provide the primary maintenance contact name for the individual that is (or will be responsible) for the maintenance and operation of the traffic signal.

Company/Organization: Provide the name of the company/organization with which the primary maintenance contact is affiliated.

Phone #: Provide the phone number for the primary maintenance contact.

Alternative Phone #: Provide an alternative phone number for the primary maintenance contact or affiliated company/organization.

E-mail: Provide the e-mail address for the primary maintenance contact.

D - Attachments Listing

Check off all documents which will be submitted along with this application. Note that a Municipal Resolution, authorizing the municipal contact to submit and sign the application, is a required document.

A sample Municipal Resolution has been provided on the next page.

E - Applicant (Municipal) Certification

Printed Municipal Contact Name: Please print the name of the municipal contact person signing the application.

Date: Please provide the date on which the application was signed.

Signed By: Please provide the signature of the named municipal contact.

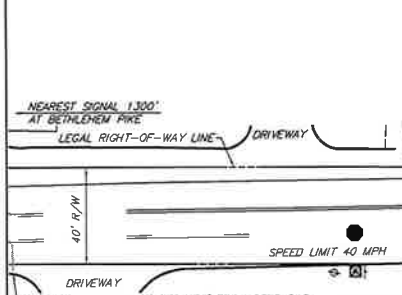
Title of Signatory: Please provide the title of municipal contact.

Witness or Attest: Please provide the signature of the person witnessing or attesting the signature.

Witness or Attester: Please provide the title of the person witnessing or attesting the signature.

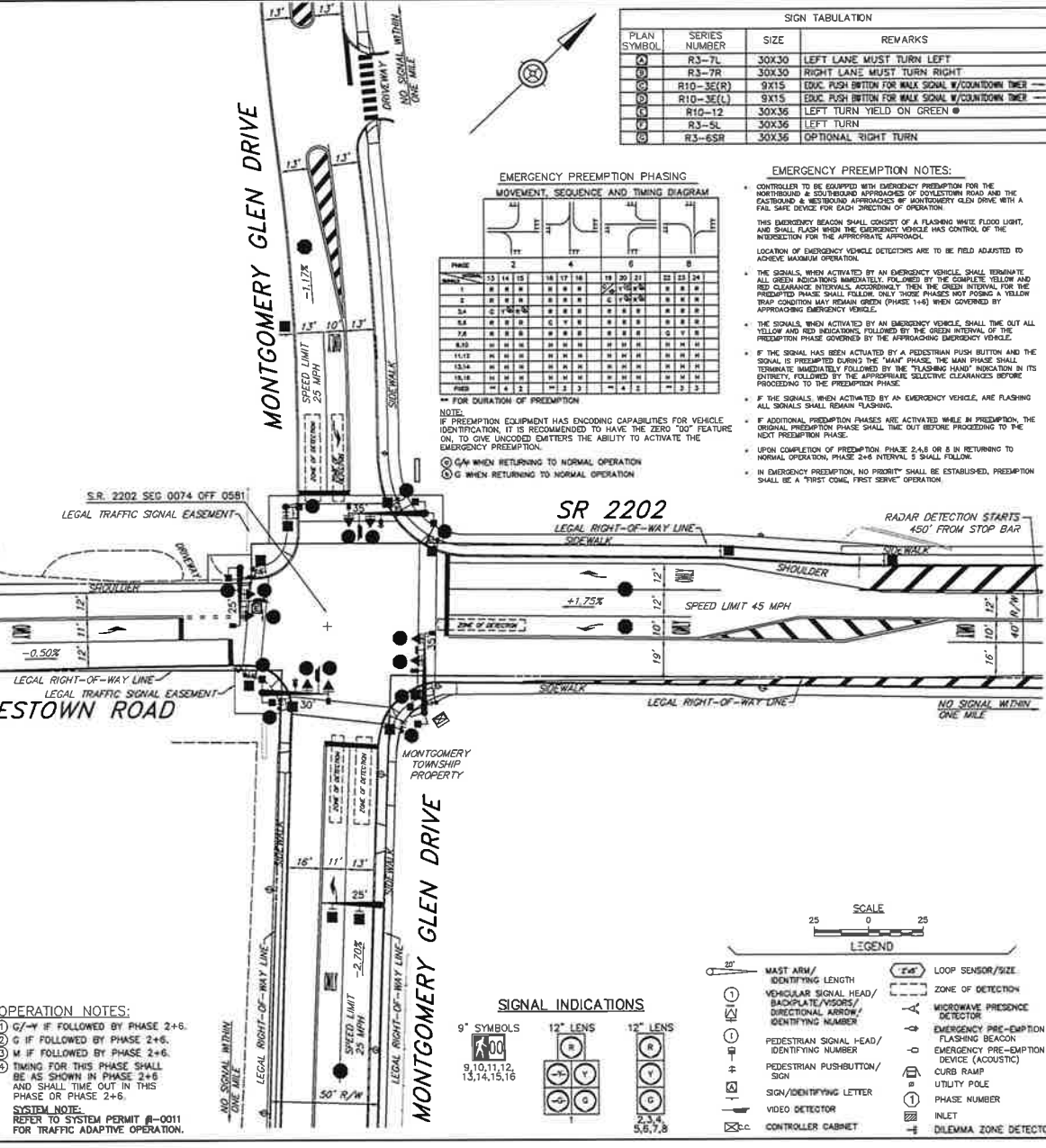
TIME	DOYLESTOWN ROAD	MONTGOMERY GLEN DRIVE	TOTALS
7:00AM TO 8:00AM	1	1	2
8:00AM TO 9:00AM	2	2	4
9:00AM TO 10:00AM	3	3	6
10:00AM TO 11:00AM	4	4	8
11:00AM TO 12:00PM	5	5	10
12:00PM TO 1:00PM	6	6	12
1:00PM TO 2:00PM	7	7	14
2:00PM TO 3:00PM	8	8	16
3:00PM TO 4:00PM	9	9	18
4:00PM TO 5:00PM	10	10	20
5:00PM TO 6:00PM	11	11	22
6:00PM TO 7:00PM	12	12	24
TOTALS	60	60	120

PROJECTED 2018 VOLUMES



PHASE	1+6	2+8	4+8	FLASH
1	1 1 3 1 4	5 6 7 8	9 10 11 12	
2	G G Y G R G	G G Y R R R	R R R R R Y	
3,4	R R R R R R	G G Y R R R	R R R R R Y	
5,6	R R R R R R	R R R G G Y	R R R R R Y	
7,8	R R R R R R	R R R G G Y	R R R R R Y	
9,10	M PH H H H H	M PH H H H H	H H H H H OFF	
11,12	H H H H H H	M PH H H H H	H H H H H OFF	
13,14	H H H H H H	H H H H H H	M PH H H H OFF	
15,16	H H H H H H	H H H H H H	M PH H H H OFF	
FIXED	3	4	2	3
MINIMUM	3	15	3	3
PASSAGE	3	++	3	3
MAX 1	16	41	15	
MAX 2	11	46	15	
PEDESTRIAN*	5	7 15	7 21	
MEMORY	N	N	N	

OPERATION NOTES:
 ① G/Y if followed by phase 2+6.
 ② G if followed by phase 2+6.
 ③ M if followed by phase 2+6.
 *TIMING FOR THIS PHASE SHALL BE AS SHOWN IN PHASE 2+6 AND SHALL TIME OUT IN THIS PHASE OR PHASE 2+6.
SYSTEM NOTE:
 REFER TO SYSTEM PERMIT #0011 FOR TRAFFIC ADAPTIVE OPERATION.



PLAN SYMBOL	SERIES NUMBER	SIZE	REMARKS
⊙	R3-7L	30X30	LEFT LANE MUST TURN LEFT
⊙	R3-7R	30X30	RIGHT LANE MUST TURN RIGHT
⊙	R10-3E(R)	9X15	EDUC. PUSH BUTTON FOR WALK SIGNAL W/COUNTDOWN TIMER
⊙	R10-3E(L)	9X15	EDUC. PUSH BUTTON FOR WALK SIGNAL W/COUNTDOWN TIMER
⊙	R10-12	30X36	LEFT TURN YIELD ON GREEN
⊙	R3-SL	30X36	LEFT TURN
⊙	R3-6SR	30X36	OPTIONAL RIGHT TURN

PHASE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
1	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
2	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
3,4	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
5,6	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
7,8	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
9,10	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H
11,12	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H
13,14	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H
15,16	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H

EMERGENCY PREEMPTION NOTES:
 * CONTROLLER TO BE EQUIPPED WITH EMERGENCY PREEMPTION FOR THE NORTHBOUND & SOUTHBOUND APPROACHES OF DOYLESTOWN ROAD AND THE EASTBOUND & WESTBOUND APPROACHES OF MONTGOMERY GLEN DRIVE WITH A FALL SAFE DEVICE FOR EACH DIRECTION OF OPERATION.
 THIS EMERGENCY BEACON SHALL CONSIST OF A FLASHING WHITE FLOOD LIGHT, AND SHALL FLASH WHEN THE EMERGENCY VEHICLE HAS CONTROL OF THE INTERSECTION FOR THE APPROPRIATE APPROACH.
 LOCATION OF EMERGENCY VEHICLE DETECTORS ARE TO BE FIELD ADJUSTED TO ACHIEVE MAXIMUM OPERATION.
 * THE SIGNALS, WHEN ACTIVATED BY AN EMERGENCY VEHICLE, SHALL TERMINATE ALL GREEN ASSIGNMENTS IMMEDIATELY, FOLLOWED BY THE COMPLETE YELLOW AND RED CLEARANCE INTERVALS, ACCORDINGLY THEN THE GREEN INTERVAL FOR THE PREEMPTED PHASE SHALL FOLLOW. ONLY THOSE PHASES NOT POSING A YELLOW TRAP CONDITION MAY REMAIN GREEN (PHASE 1+6) WHEN COVERED BY APPROACHING EMERGENCY VEHICLE.
 * THE SIGNALS, WHEN ACTIVATED BY AN EMERGENCY VEHICLE, SHALL TIME OUT ALL YELLOW AND RED INDICATORS, FOLLOWED BY THE GREEN INTERVAL OF THE PREEMPTION PHASE GOVERNED BY THE APPROACHING EMERGENCY VEHICLE.
 * IF THE SIGNAL HAS BEEN ACTIVATED BY A PEDESTRIAN PUSH BUTTON AND THE SIGNAL IS PREEMPTED DURING THE "MAIN" PHASE, THE MAIN PHASE SHALL TERMINATE IMMEDIATELY FOLLOWED BY THE "FLASHING HANDED" INDICATION IN ITS DIRECTION, FOLLOWED BY THE APPROPRIATE SELECTIVE CLEARANCES BEFORE PROCEEDING TO THE PREEMPTION PHASE.
 * IF THE SIGNALS, WHEN ACTIVATED BY AN EMERGENCY VEHICLE, ARE FLASHING ALL SIGNALS SHALL REMAIN FLASHING.
 * IF ADDITIONAL PREEMPTION PHASES ARE ACTIVATED WHILE IN PREEMPTION, THE ORIGINAL PREEMPTION PHASE SHALL TIME OUT BEFORE PROCEEDING TO THE NEXT PREEMPTION PHASE.
 * UPON COMPLETION OF PREEMPTION PHASE 2+8 OR 8 IN RETURNING TO NORMAL OPERATION, PHASE 2+6 INTERVAL 5 SHALL FOLLOW.
 * IN EMERGENCY PREEMPTION, NO PRIORITY SHALL BE ESTABLISHED, PREEMPTION SHALL BE A "FIRST COME, FIRST SERVED" OPERATION.

GENERAL NOTES

NO MODIFICATIONS TO THIS INSTALLATION ARE PERMITTED UNLESS PRIOR APPROVAL IS OBTAINED IN WRITING BY A REPRESENTATIVE OF THE DEPARTMENT OF TRANSPORTATION.
 ALL MAINTENANCE WORK INCLUDING TRIMMING OF TREES, NECESSARY FOR PROPER VISIBILITY OF THE SIGNALS IS THE RESPONSIBILITY OF THE PERMITTEE.
 ALL SIGNS AND PAVEMENT MARKINGS INDICATED ON THIS DRAWING ARE CONSIDERED PART OF THE PERMIT AND SHALL BE INSTALLED AND MAINTAINED IN ACCORDANCE WITH PUBLICATION NO. 212.
 POST MOUNTED SIGNALS SHALL BE INSTALLED WITH THE SIGNAL HEADS A MINIMUM OF 2 FEET BEHIND THE FACE OF CURB OR THE EDGE OF THE SHOULDER. SUPPORT POLES FOR OVERHEAD SIGNALS SHALL ALSO HAVE A MINIMUM CLEARANCE HORIZONTALLY OF 2 FEET.
 SIGNALS ERECTED OVER THE ROADWAY SHALL HAVE A MINIMUM VERTICAL CLEARANCE OF 16 FT. ABOVE THE ROADWAY. POST MOUNTED SIGNALS SHALL BE A MINIMUM OF 8 FT. ABOVE THE SIDEWALK OR PAVEMENT.
 ALL OVERHEAD SIGNALS MUST BE RIGIDLY MOUNTED, TOP AND BOTTOM, AND EQUIPPED WITH BACKPLATES.
 THE MINIMUM HORIZONTAL DISTANCE BETWEEN SIGNALS MEASURED AT RIGHT ANGLES TO THE APPROACH SHALL BE 8 FEET.
 EXACT LOCATION OF DETECTORS SHALL BE DETERMINED PRIOR TO INSTALLATION BY A REPRESENTATIVE OF PERMITTEE.
 CURBING TO BE INSTALLED BY MUNICIPALITY AND WHERE NOTED, SHALL BE PLAIN CEMENT CONCRETE CURB OR GRANITE CURB, INSTALLED IN ACCORDANCE WITH DEPARTMENT SPECIFICATIONS FORM 408.
 PRIOR TO INSTALLATION THE CONTRACTOR SHALL CONSULT WITH THE LOCAL OFFICIALS AND UTILITY COMPANIES TO RESOLVE ANY PROBLEMS WHICH MAY BE CREATED DUE TO THE LOCATION OF UTILITIES.
 THIS DRAWING CANNOT BE USED AS A CONSTRUCTION DRAWING UNLESS THE PERMITTEE COMPLIES WITH THE PROVISIONS OF THE LATEST AMENDMENT TO ACT 267, PREVENTION OF DAMAGE TO UNDERGROUND UTILITIES, DATED DECEMBER 20, 1974.
 WHEN LIQUID FUELS MONEY IS USED, SIGNAL INSTALLATION MUST CONFORM TO FORM 408 AND A COPY OF THE PROPOSED SPECIFICATIONS MUST BE SUBMITTED TO THE DISTRICT TRAFFIC UNIT, FOR REVIEW, PRIOR TO BIDDING.
 PERMITTEE SHALL OBTAIN A HIGHWAY OCCUPANCY PERMIT FOR ANY CHANGES IN INTERSECTION GEOMETRY REGARDING EDUCATION, CONDUIT INSTALLED IN BITUMINOUS ROADWAY LESS THAN 5 YEARS OLD, OR CONCRETE ROADWAY REGARDLESS OF AGE, MUST BE BORED OR JACKED UNDER THE ROADWAY, INSTALLED IN ACCORDANCE WITH TRAFFIC SIGNAL STANDARDS TC-8800 SERIES.

SYSTEM PERMIT #0011

PENNSYLVANIA DEPARTMENT OF TRANSPORTATION							
ENGINEERING DISTRICT 6-0							
COUNTY:	MONTGOMERY						
MUNICIPALITY:	MONTGOMERY TOWNSHIP						
INTERSECTION: DOYLESTOWN ROAD (SR 2202) AND MONTGOMERY GLEN DRIVE							
REVIEWED:	DATE						
MUNICIPAL OFFICIAL:	DATE						
RECOMMENDED:							
MARK L. KRAY	4/13/92						
DOUGLAS MAY	4/14/92						
DISTRICT TRAFFIC ENGINEER							
NO.	DESCRIPTION	DATE	REVIEW DATE	REVISION DATE			
1	LINE MAX INCREASED TO 35'	J.L.	1/27/92	MLK	1/27/92	DWM	1/27/92
2	EXTEND OPERATION OF MAX II	E.S.	1/27/92	MLK	1/27/92	DWM	1/27/92
3	ADD PHAS 2, CHANGED PHAS 8 TO 12"	AL	12/21/91	MLK	12/21/91	DWM	12/21/91
4	PHAS 2 AND PHAS 8 CHANGED TO 12"						
5							
6							
7							
8							

PREPARED BY/ RETURN TO:
FRANK R. BARTLE, ESQUIRE
ROBERT J. IANNOZZI JR., ESQUIRE
DISCHELL BARTLE & DOOLEY, PC
1800 Pennbrook Parkway, Suite 200
Lansdale, PA 19446
215-362-2474
Fax 215-362-6722

Property Address: 411 Doylestown Pike
Parcel Number 46-00-00865-00-7

**AN ACCESS EASEMENT AGREEMENT BETWEEN
202 MARKET PLACE AND MONTGOMERY TOWNSHIP**

[For the purpose granting the Township access to the 202 Market Place Property for installing, maintaining, repairing, and replacing underground wiring and traffic signal support structures within the agreed upon easement area]

**AN ACCESS EASEMENT AGREEMENT BETWEEN
202 MARKET PLACE AND MONTGOMERY TOWNSHIP**

This Access Easement Agreement made this _____ day of _____ 2017 between 202 Market Place and Montgomery Township.

Background

1. 202 Market Place ("Property Owner") is the owner of certain real property located at 411 Doylestown Pike, Montgomeryville, Montgomery County, Pennsylvania, further identified as Parcel Number 46-00-00865-00-7 ("Property").
2. There is an existing traffic signal located on Doylestown Pike, adjacent or near the Property.
3. In connection with the traffic signal installation, certain underground wiring and traffic signal support structures were installed on the Property within the area described by metes and bounds in Exhibit "A" and shown on the Easement Area Plan attached as Exhibit "B" ("Easement Area").
4. The Township has requested that Property Owner give Township an access easement for the purpose of installing, maintaining, repairing, and replacing underground wiring and traffic signal support structures within the Easement Area ("Easement").
5. Property Owner is willing to grant this Easement on the terms and conditions hereinafter set forth.

NOW THEREFORE, in consideration of the foregoing, and intending to be legally bound, the parties agree as follows:

Terms


1. Grant of Easement. Property Owner hereby grants and conveys to Township the Easement on and under the Easement Area for the purposes hereinafter set forth. This Easement shall be perpetual and continually run to the benefit of the Township; terminating only in the event that there is no longer a traffic signal in front of the property known as 411 Doylestown Pike, Montgomeryville, Montgomery County, Pennsylvania and/or underground wiring and traffic signal support structures in the Easement Area.

2. Purpose of Easement. The purpose of the Easement granted herein shall be limited to the right of Township to install, maintain, service, repair and replace underground wiring and traffic signal support structures, and other traffic signal equipment to operate a traffic signal.
3. Notice of Entry; Scheduling of Work. In the event that Township wishes to perform any work within the Easement Area as permitted above, except in the case of emergencies, Township shall give Property Owner at least three days prior notice of any entry by Township for the purpose of performing such work. In the case of any emergency where Township believes that the safety of the public is at risk, Township may enter the Easement Area to perform the required work on as much advance notice to Property Owner as is possible under the circumstance. Township shall in all cases use its best efforts to coordinate the timing of its work with Property Owner so as not to interfere with operation of the use on the Property.
4. Restoration of Easement Area. Following performance of any work in the Easement Area, pursuant to this Agreement, Township shall restore the Easement Area back to substantially the same condition, or as close as practicable, to the Easement Area's condition prior to performance of the work.
5. Indemnification Township shall and will release, indemnify, protect and save harmless Property Owner from all losses, damages, costs or expenses resulting from any and all loss of life, property, injury, or damage to any person or property of any person, association or persons, or corporation including Township, its employees and independent contractors and employees of independent contractors, and from and against any and all claims, demands or actions for such loss, injury or damage, in any manner arising out of, resulting from, or connected with this Easement, provided that (a) any such claims are not the result of the negligence of Property Owner; (b) Township shall have received from Property Owner prompt written notice of any such claim, demand or action, with the Property Owner's authorization permitting the Township to defend such claim; and (c) Property Owner shall cooperate with Township on any defense at the cost of Township.
6. Binding. This Easement shall be binding on and inure to the benefit of the parties hereto and their respective successors and assigns.

[SIGNATURES ON THE NEXT PAGE]

IN WITNESS WHEREOF, the parties have executed this Easement Agreement.

Attest:



Aaron Gevers

PROPERTY OWNER:
202 MARKET PLACE



Print Name: ERNEST M. NEPE
Title:

Attest:

LAWRENCE GREGAN
Township Manager/Secretary

TOWNSHIP:

CANDYCE FLUEHR CHIMERA
Chairperson

State of New Jersey
~~COMMONWEALTH OF PENNSYLVANIA~~ : SS
~~COUNTY OF MONTGOMERY~~ :
CAMDEN

AFFIDAVIT OF GRANTOR

On this, the 8th day of August 2017 before me, a Notary Public, personally appeared, ERNEST M. NEPA who acknowledged him/herself to be President of Viko Inc/GPof 202 Market Place and that as such, was authorized to execute the foregoing instrument for the purposes therein contained, by signing his/her name as Grantor.

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


Notary Public

KAREN A. SPIKER
NOTARY PUBLIC OF NEW JERSEY
My Commission Expires 11/2/2021

COMMONWEALTH OF PENNSYLVANIA : SS
COUNTY OF MONTGOMERY :

AFFIDAVIT OF GRANTEE

On this, the _____ day of _____ 2017 before me, a Notary Public, personally appeared, CANDYCE FLUEHR CHIMERA, who acknowledged herself to be the Chairperson of the MONTGOMERY TOWNSHIP BOARD OF SUPERVISORS, and that as such, was authorized to execute the foregoing instrument for the purposes therein contained, by signing the name of Township by herself as Chairperson.

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

Notary Public

EXHIBIT A

[Metes and Bounds of Easement Area]



McMAHON ASSOCIATES, INC.,
425 Commerce Drive, Suite 200
Fort Washington, PA 19034
p 215-283-9444 | f 215-283-9447

PRINCIPALS

Joseph W. McMahon, P.E.
Joseph J. DeSantis, P.E., PTOE
John S. DePalma
William T. Steffens
Casey A. Moore, P.E.
Gary R. McNaughton, P.E., PTOE

ASSOCIATES

John J. Mitchell, P.E.
Christopher J. Williams, P.E.
R. Trent Ebersole, P.E.
Matthew M. Kozsuch, P.E.
Maureen Chlebek, P.E., PTOE
Dean A. Carr, P.E.

May 10, 2017

**DESCRIPTION OF A PROPOSED TRAFFIC SIGNAL EASEMENT
FOR LANDS OF 202 MARKETPLACE (TPN 460-00-00865-00-7)**

All that certain required piece of land situate in the Township of Montgomery, County of Montgomery, Commonwealth of Pennsylvania. Being part of land further described in an indenture dated the 27th day of July 1994 in Deed Book 5086, Page 461 and recorded at Norristown in the Office for the Recorder of Deeds in and for the County of Montgomery. Bounded and described in accordance with a plan made by McMahon Associates, Inc., Fort Washington, PA, entitled "PLAN OF PROPOSED TRAFFIC SIGNAL EASEMENT FOR LANDS OF 202 MARKETPLACE (TPN 46-00-00865-00-7)" dated April 18, 2017, as follows to wit;

Beginning at a point of intersection of the on the southeasterly Legal Right-of-Way line of Doylestown Road (SR 2202) (40.00 feet wide) with the southwesterly Legal Right-of-Way line of Montgomery Glen Drive, thence extending the following courses and distances:

- 1) Extending along the southwesterly Legal Right-of-Way line of Montgomery Glen Drive, South 44 degrees 41 minutes 03 seconds East, 20.00 feet to a point
- 2) South 43 degrees 36 minutes 19 seconds West, 21.35 feet to a point
- 3) North 46 degrees 23 minutes 41 seconds West, 20.00 feet to a point on the southeasterly Legal Right-of-Way line of Doylestown Road
- 4) Extending along the southwesterly Legal Right-of-Way line of Doylestown Road, North 43 degrees 38 minutes 14 seconds East, 21.95 feet to the point and place of beginning

Containing 433 square feet, or 0.010 acres.

I:\eng\815026\dwg\Right-of-Way\Legal Descriptions\202 Marketplace Signal Easement Legal Description.docx

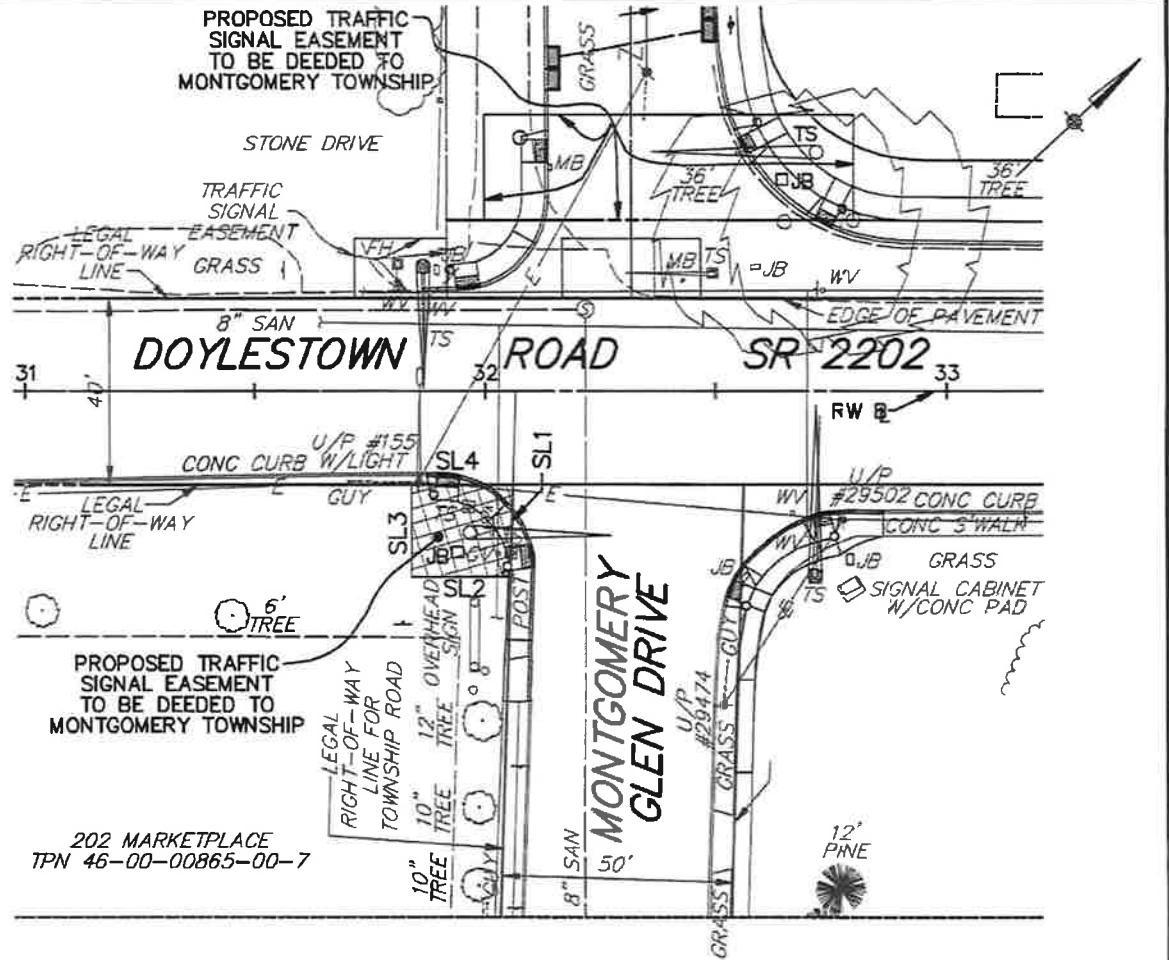
EXHIBIT B
[Easement Area Plan]

PROPOSED TRAFFIC SIGNAL EASEMENT LINE TABLE

LINE	BEARING	DISTANCE
SL1	S44°41'03"E	20.00'
SL2	S43°36'19"W	21.35'
SL3	N46°23'41"W	20.00'
SL4	N43°38'14"E	21.95'

TOTAL AREA OF PROPOSED TRAFFIC SIGNAL EASEMENT = 433 SF, 0.010 AC

 PROPOSED TRAFFIC SIGNAL EASEMENT AREA



PLAN OF PROPOSED TRAFFIC SIGNAL EASEMENT
 FOR LANDS OF 202 MARKETPLACE (TPN 46-00-00865-00-7)
 SITUATE IN MONTGOMERY TOWNSHIP, MONTGOMERY COUNTY, PA.

425 COMMERCE DRIVE
 SUITE 200
 FORT WASHINGTON, PA 19034
 TELE: (215)-283-9444
 FAX: (215)-283-9445



5/10/17
 JOB #815026.2A
 SCALE: 1" = 25'
 SHEET: 1 of 1

PREPARED BY/ RETURN TO:

FRANK R. BARTLE, ESQUIRE
ROBERT J. IANNOZZI JR., ESQUIRE
DISCHELL BARTLE & DOOLEY, PC
1800 Pennbrook Parkway, Suite 200
Lansdale, PA 19446
215-362-2474
Fax 215-362-6722

Property Address: 418 Doylestown Pike
Parcel Number 46-00-00820-00-7

**AN ACCESS EASEMENT AGREEMENT BETWEEN
MONTGOMERY RETIREMENT RESIDENCE LLC
AND MONTGOMERY TOWNSHIP**

[For the purpose granting the Township access to the Montgomery Retirement Residence LLC Property for installing, maintaining, repairing, and replacing underground wiring and traffic signal support structures within the agreed upon easement area]

**AN ACCESS EASEMENT AGREEMENT BETWEEN
MONTGOMERY RETIREMENT RESIDENCE LLC AND
MONTGOMERY TOWNSHIP**

This Access Easement Agreement made this _____ day of _____ 2017 between Montgomery Retirement Residence LLC and Montgomery Township.

Background

1. Montgomery Retirement Residence LLC ("Property Owner") is the owner of certain real property located at 418 Doylestown Pike, Montgomeryville, Montgomery County, Pennsylvania, further identified as Parcel Number 46-00-00820-00-7 ("Property").
2. There is an existing traffic signal located on Doylestown Pike, adjacent or near the Property.
3. In connection with the traffic signal installation, certain underground wiring and traffic signal support structures were installed on the Property within the area described by metes and bounds in Exhibit "A" and shown on the Easement Area Plan attached as Exhibit "B" ("Easement Area").
4. The Township has requested that Property Owner give Township an access easement for the purpose of installing, maintaining, repairing, and replacing underground wiring and traffic signal support structures within the Easement Area ("Easement").
5. Property Owner is willing to grant the Easement on the terms and conditions hereinafter set forth.

NOW THEREFORE, in consideration of the foregoing, and intending to be legally bound, the parties agree as follows:

Terms

1. Grant of Easement. Property Owner hereby grants and conveys to Township the Easement on and under the Easement Area for the purposes hereinafter set forth. This Easement shall be perpetual and continually run to the benefit of the Township; terminating only in the event that there is no longer a traffic signal in front of the property known as 418 Doylestown Pike, Montgomeryville, Montgomery County, Pennsylvania and/or underground wiring and traffic signal support structures in the Easement Area.

2. Purpose of Easement. The purpose of the Easement granted herein shall be limited to the right of Township to install, maintain, service, repair and replace underground wiring and traffic signal support structures, and other traffic signal equipment to operate a traffic signal.
3. Notice of Entry; Scheduling of Work. In the event that Township wishes to perform any work within the Easement Area as permitted above, except in the case of emergencies, Township shall give Property Owner at least three days prior notice of any entry by Township for the purpose of performing such work. In the case of any emergency where Township believes that the safety of the public is at risk, Township may enter the Easement Area to perform the required work on as much advance notice to Property Owner as is possible under the circumstances. Township shall in all cases use its best efforts to coordinate the timing of its work with Property Owner so as not to interfere with operation of the use on the [Property.
4. Restoration of Easement Area. Following performance of any work in the Easement Area pursuant to this Agreement, Township shall restore the Easement Area back to substantially the same condition, or as close as practicable, to the Easement Area's condition prior to performance of the work.
5. Indemnification Township shall and will release, indemnify, protect and save harmless Property Owner from all losses, damages, costs or expenses resulting from any and all loss of life, property, injury, or damage to any person or property of any person, association or persons, or corporation including Township, its employees and independent contractors and employees of independent contractors, and from and against any and all claims, demands or actions for such loss, injury or damage, in any manner arising out of, resulting from, or connected with this Easement, provided that (a) any such claims are not the result of the negligence of Property Owner; (b) Township shall have received from Property Owner prompt written notice of any such claim, demand or action, with the Property Owner's authorization permitting the Township to defend such claim; and (c) Property Owner shall cooperate with Township on any defense at the cost of Township.
6. Binding. This Easement shall be binding on and inure to the benefit of the parties hereto and their respective successors and assigns.

[SIGNATURES ON THE NEXT PAGE]

IN WITNESS WHEREOF, the parties have executed this Easement Agreement.

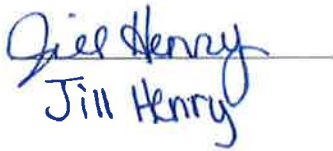
Attest Witness:

PROPERTY OWNER:
MONTGOMERY RETIREMENT RESIDENCE
LLC, a Washington limited liability
company

By: Hawthorne Management Services
Corp., a Washington corporation, its
Manager



Barton G. Colson
President



Attest:

TOWNSHIP:

LAWRENCE GREGAN
Township Manager/ Secretary

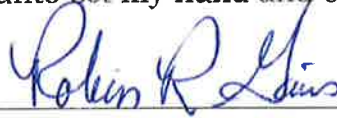
CANDYCE FLUEHR CHIMERA
Chairperson

STATE OF WASHINGTON : SS
COUNTY OF CLARK :

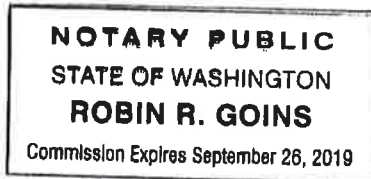
AFFIDAVIT OF GRANTOR

On this, the 13th day of June 2017 before me, a Notary Public, personally appeared, Barton G. Colson, who acknowledged himself to be President of Hawthorne Management Services, Corp., Manager of Montgomery Retirement Residence LLC, and that as such, was authorized to execute the foregoing instrument for the purposes therein contained, by signing his name as Grantor.

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



Notary Public for the State of Washington



COMMONWEALTH OF PENNSYLVANIA : SS
COUNTY OF MONTGOMERY :

AFFIDAVIT OF GRANTEE

On this, the _____ day of _____ 2017 before me, a Notary Public, personally appeared, CANDYCE FLUEHR CHIMERA, who acknowledged herself to be the Chairperson of the MONTGOMERY TOWNSHIP BOARD OF SUPERVISORS, and that as such, was authorized to execute the foregoing instrument for the purposes therein contained, by signing the name of Township by herself as Chairperson.

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

Notary Public

EXHIBIT A
[Metes and Bounds of Easement Area]



McMAHON ASSOCIATES, INC.
425 Commerce Drive, Suite 200
Fort Washington, PA 19034
p 215-283-9444 | f 215-283-9447

PRINCIPALS

Joseph W. McMahon, P.E.
Joseph J. DeSantis, P.E., PTOE
John S. DePalma
William T. Steffens
Casey A. Moore, P.E.
Gary R. McNaughton, P.E., PTOE

ASSOCIATES

John J. Mitchell, P.E.
Christopher J. Williams, P.E.
R. Trent Ebersole, P.E.
Matthew M. Kozsuch, P.E.
Maureen Chlebek, P.E., PTOE
Dean A. Carr, P.E.

June 26, 2017

**DESCRIPTION OF A PROPOSED TRAFFIC SIGNAL EASEMENT
FOR LANDS OF MONTGOMERY RETIREMENT RESIDENCE LLC
(TPN 460-00-00817-00-1)**

All that certain required piece of land situate in the Township of Montgomery, County of Montgomery, Commonwealth of Pennsylvania. Being part of land further described in an indenture dated the 10th day of August 2016 in Deed Book 6011, Page 1298 and recorded at Norristown in the Office for the Recorder of Deeds in and for the County of Montgomery. Bounded and described in accordance with a plan made by McMahon Associates, Inc., Fort Washington, PA, entitled "PLAN OF PROPOSED TRAFFIC SIGNAL EASEMENT FOR LANDS OF MONTGOMERY RETIREMENT RESIDENCE LLC (TPN 46-00-00817-00-1)" dated June 26, 2017, as follows to wit;

Beginning at a point on the northwesterly Required Right-of-Way line of Doylestown Road (SR 2202)(40.00 feet width Legal Right-of-Way, as widened to 38.00 feet on the northwesterly side for Required Right-of-Way), said point being located North 43 degrees 36 minutes 19 seconds East of a point marking the intersection of the northwesterly Required right-of-Way line of Doylestown Road with the southwesterly line of grantor, thence extending the following courses and distances:

- 1) North 46 degrees 23 minutes 41 seconds West, 22.00 feet to a point
- 2) North 43 degrees 36 minutes 19 seconds East, 80.00 feet to a point
- 3) South 46 degrees 23 minutes 41 seconds East, 22.00 feet to a point on the northwesterly Required Right-of-Way line of Doylestown Road
- 4) Extending along the northwesterly Required Right-of-Way line of Doylestown Road, South 43 degrees 36 minutes 19 seconds West, 80.00 feet to the point and place of beginning

Containing 1,760 square feet, or 0.040 acres.

I:\eng\815026\dwg\Right-of-Way\Legal Descriptions\Montgomery Retirement Residence LLC Signal Easement Legal Description.docx

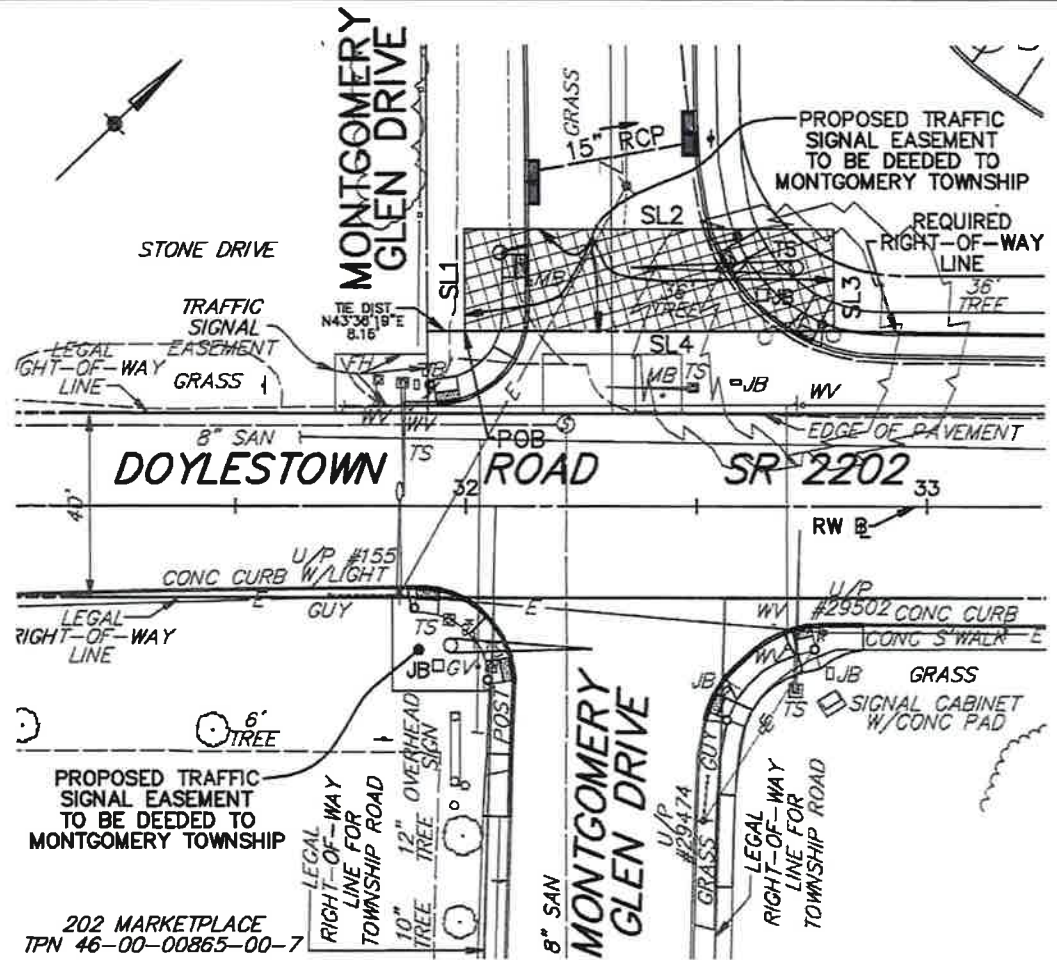
EXHIBIT B
[Easement Area Plan]

PROPOSED TRAFFIC SIGNAL EASEMENT LINE TABLE

LINE	BEARING	DISTANCE
SL1	N46°23'41"W	22.00'
SL2	N43°36'19"E	80.00'
SL3	S46°23'41"E	22.00'
SL4	S43°36'19"W	80.00'

TOTAL AREA OF PROPOSED TRAFFIC SIGNAL EASEMENT = 1,760 SF, 0.040 AC

 PROPOSED TRAFFIC SIGNAL EASEMENT AREA



**PLAN OF PROPOSED TRAFFIC SIGNAL EASEMENT
FOR LANDS OF MONTGOMERY RETIREMENT RESIDENCE LLC (TPN 46-00-00817-00-1)
SITUATE IN MONTGOMERY TOWNSHIP, MONTGOMERY COUNTY, PA.**

425 COMMERCE DRIVE
SUITE 200
FORT WASHINGTON, PA 19034
TELE: (215)-283-9444
FAX: (215)-283-9445



6/26/17
JOB #815026.2A
SCALE: 1" = 25'
SHEET: 1 of 1

APPLICANT'S AUTHORIZATION FOR AGENT TO APPLY FOR HIGHWAY OCCUPANCY PERMIT



If granting BLANKET Authorization to submit applications on Applicant's behalf, check this box:

If BLANKET Authorization, mark N/A.	PERMIT APPLICATION NO.	
	COUNTY	Montgomery
	CITY-BORO-TWP.	Montgomery Township
	S.R.-SEG.-OFF.	SR 2202 Seg. 0074 Offset 0405-0854
APPLICANT	Name: Montgomery Township Address: 1001 Stump Road Montgomeryville, PA 18936	
AGENT	Name: McMahon Associates, Inc. Address: 425 Commerce Drive, Suite 200 Fort Washington, PA 19034	

THIS AUTHORIZATION, made this 28 day of August, 2017, by
Montgomery Township

APPLICANT for a highway occupancy permit under 67 Pa. Code Chapter 441 or 459.

WHEREAS, the APPLICANT is required to obtain a highway occupancy permit from the Commonwealth of Pennsylvania, Department of Transportation, called the Department, in order to occupy the State highway; and

WHEREAS, the APPLICANT wishes to authorize the agent listed above (AGENT) to apply for the permit on behalf of the APPLICANT; and

WHEREAS, the APPLICANT has agreed to grant a release to the Department to allow the AGENT to apply for the permit on behalf of the APPLICANT; and

WHEREAS, as a condition of this authorization, APPLICANT agrees that AGENT will be required to provide APPLICANT with copies of all correspondence and other documents issued, mailed, emailed or otherwise directed or provided to APPLICANT or AGENT by the Department; and

WHEREAS, the APPLICANT may elect to be provided contemporaneous email updates on the review status of the permit application.

NOW, THEREFORE:

1. The APPLICANT does hereby authorize AGENT to act as APPLICANT's agent with respect to the permit application and to do all things necessary to obtain the permit on behalf of the APPLICANT.
2. The APPLICANT does hereby remise, release, quitclaim and forever discharge the Department, its agents, employees and representatives of and from all suits, damages, claims and demands of any type whatsoever arising against it as a result of granting the permit to APPLICANT.
3. The APPLICANT has has not (check one) elected to be provided contemporaneous updates on the status of the permit application. If the APPLICANT elects to be provided contemporaneous updates on the status of the permit application, provide contact information here (email): _____.
4. The APPLICANT understands that this AUTHORIZATION is effective until revoked in writing by the APPLICANT or AGENT, with contemporaneous written notice thereof to the Department.

IN WITNESS WHEREOF, the APPLICANT has executed or caused to be executed these presents, intending to be legally bound thereby.

by APPLICANT:

(authorized representative signature)

Name: Lawrence J. Gregan

Title (if other than individual applicant): Township Manager

Date: 08/29/2017

by AGENT:

(authorized representative signature)

Name: Dean A. Carr, P.E.

Title (if other than individual agent): General Manager

Date: _____

Prepared by/Return to:
FRANK R. BARTLE, ESQUIRE
ROBERT J. IANNOZZI JR., ESQUIRE
Dischell, Bartle & Dooley, PC
1800 Pennbrook Parkway, Suite 200
P. O. Box 107
Lansdale, PA 19446
215-362-2474

Parcel No. 46-00-00820-00-7

**INDEMNITY AGREEMENT BETWEEN MONTGOMERY
RETIREMENT RESIDENCE LLC AND MONTGOMERY TOWNSHIP
FOR PENNDOT HIGHWAY OCCUPANCY PERMIT CONCERNING
SUBSURFACE STORMWATER MANAGEMENT FACILITIES
IN THE STATE HIGHWAY RIGHT OF WAY**

Index this filing on the following parcel only:

Parcel No. 46-00-00820-00-7

INDEMNITY AGREEMENT

THIS AGREEMENT made this _____ day of _____ 2017, by Montgomery Retirement Residence LLC ("Montgomery Retirement Residence") and Montgomery Township ("Township").

BACKGROUND

1. Montgomery Retirement Residence is the owner of the Property as is evidenced by the recorded deed in the Office of the Montgomery County Recorder of Deeds, Deed Book 6011, Page 1298 to 1304;
2. Montgomery Retirement Residence now desires to develop the Property in accordance with the approved plan;
3. Montgomery Retirement Residence is required to construct subsurface piping in portions of the Commonwealth of Pennsylvania's highway public right-of-way for Doylestown Road for storm water management in connection with the development of the Property;
4. The Pennsylvania Department of Transportation ("PennDOT") in accordance with the Pennsylvania State Highway Law, has adopted a policy requiring any application for a Highway Occupancy Permit ("HOP") for subsurface storm water management facilities located in state highway rights-of-way to be submitted by the municipality, or by the municipality and the applicant as co-applicants, ¹
5. This PennDOT policy directs that any HOP permit issued concerning subsurface storm water management facility in the state highway right-of-way shall include conditions that the drainage facilities installed shall be the primary responsibility of the municipality and that any co-applicant is responsible for providing funding to the municipality to offset future maintenance, repair, replacement, and reconstruction costs associated with the subsurface storm water management facilities installed under the HOP;
6. Montgomery Retirement Residence and the Township agree that, at the option of the Township, either (a) the Township or (b) Montgomery Retirement Residence and the Township, shall file an application for an HOP for subsurface storm water management facilities located in the state highway right-of-way Property; and

¹ 36 P.S. §670-421

7. Montgomery Retirement Residence and the Township now desire, through this Agreement, to allocate the rights and responsibilities between each other for the repair, replacement and reconstruction cost of the subsurface storm water management facilities constructed in the state highway ROW if PennDOT issues the requested HOP, and to provide for Montgomery Retirement Residence's indemnification of the Township for any and all liability related to the matters set forth in and as described in this Agreement.

NOW, THEREFORE, in consideration of the mutual covenants and agreements contained herein and further intending to be legally bound hereby, the parties hereto agree as follows:

TERMS

The foregoing recitals are incorporated herein and made a part hereof.

1. Montgomery Retirement Residence shall be responsible for all design, construction, and maintenance responsibilities

- 1.01 Montgomery Retirement Residence agrees to be responsible, as its own cost and expense, for the design, construction, and maintenance of the subsurface storm water facilities in the state highway ROW, as well as the preparation and submission of the application to PennDOT for the associated HOP.
- 1.02 Montgomery Retirement Residence agrees that any design of such facilities shall comply with all applicable building and other codes, industry standards, and laws.
- 1.03 Montgomery Retirement Residence agrees that the Township, or its engineer, shall have the right to review and make changes (provided such changes are acceptable to PennDOT and its engineers) to the proposed design of the subsurface storm water facilities in the state highway ROW, as well as the proposed application for the associated HOP before submission to PennDOT. Montgomery Retirement Residence further agrees to reimburse the Township for reasonable costs of its review of the designs and application in accordance with the procedures set forth in the Municipalities Planning Code ("MPC").
- 1.04 Upon receipt of the HOP, Montgomery Retirement Residence agrees to construct the subsurface storm water facilities in the state highway ROW in accordance with any and all approvals required and received from PennDOT and the Township provided such Township changes

are acceptable to PennDOT and its engineers) and otherwise construct these facilities in accordance with the approved plans and permits, and in accordance with all applicable building codes, industry standards, and laws, not inconsistent with the approved permits and plans.

- 1.05 The Township agrees to be responsible for performing routine maintenance and regularly maintaining the installed subsurface storm water facilities in the state highway ROW as necessary to allow for the proper functioning of such subsurface storm water facilities. Upon written request, together with an itemized bill, Montgomery Retirement Residence shall reimburse the Township for the costs of performing such maintenance activities. Should Montgomery Retirement Residence fail to timely pay any such bill, the Township shall have the remedies described below in paragraph 1.07. Montgomery Retirement Residence shall be responsible, at its sole cost and expense for any necessary repair, replacement, and or reconstruction as necessary or when the Township or PennDOT determines that the subsurface facilities in the state highway ROW and installed by Montgomery Retirement Residence are not properly functioning in accordance with the approved design. Montgomery Retirement Residence shall be provided with notice of the same in accordance with Paragraph 1.07 below. Notwithstanding anything to the contrary, Montgomery Retirement Residence assumes no obligation or responsibility for maintenance, repair, replacement, and/or modifications of the subsurface stormwater facilities in the state highway ROW due to the acts of others, including, but not limited to, further widening or changes to the roadway, or increased runoff from other sites.

- 1.06 To the full extent permitted by Law, Montgomery Retirement Residence shall indemnify, defend and hold harmless the Township and its professional advisors, agents, servants, workmen and employees from and against all suits, claims, actions, damages, losses and expenses, including, but not limited to reasonable attorney's fees and all suits, claims, action, workers' compensation claims, damages, losses and expenses brought by any third parties, and/or employees of Montgomery Retirement Residence or contractors and subcontractors of Montgomery Retirement Residence, and from all costs or liability to which the Township may be held responsible, for any injury or alleged injury to the person or property of another resulting from negligence or carelessness solely of Montgomery Retirement Residence arising out of or resulting from the construction, operation or failure of the subsurface storm water facilities in the state highway ROW that are the subject of the HOP.

1.07 In the event Montgomery Retirement Residence neglects, fails, or refuses to repair, replace and/or reconstruct the installed subsurface storm water facilities in the state highway ROW as necessary, or when the Township or PennDOT determines that repair, replacement, or reconstruction is necessary as described above in paragraph 1.05, the Township, or its authorized agent, 30-days after issuing Montgomery Retirement Residence a cure-notice, may enter upon the Property and take appropriate action, if Montgomery Retirement Residence does not make good faith efforts to take the required cure-action. Thereafter, the Township shall send an itemized bill for the cost of such action, including administration, attorney and engineering fees, together with any additional payment authorized by law. The Township's bill shall be payable immediately. Montgomery Retirement Residence agrees that if it fails to pay the Township's bill, a municipal lien for the amount thereof may be filed within six months of the date of completion of the action, the same to be subject in all respects to the general law provided for the filing and recovery of municipal liens. Montgomery Retirement Residence acknowledges the import of this enforcement-provision for the Township.

2. Montgomery Retirement Residence shall provide financial security for its construction obligations concerning the subsurface storm water facilities

2.01 If financial security is not otherwise required by PennDOT, at the sole discretion of the Township, Montgomery Retirement Residence shall be required to provide security for construction of the subsurface storm water facilities in the form of (a) a deposit of funds into an Escrow Account maintained by the Township; (b) a letter of credit in a form and amount satisfactory to the Township; (c) a construction and maintenance bond in a form and amount satisfactory to the Township; or (d) other financial security accepted by the Township. The establishment and release of the financial security shall be in accordance with the MPC.

3. The parties agree to the following general terms

3.01 This Agreement shall be binding upon the successors and assigns of the Montgomery Retirement Residence, and the Township. Montgomery Retirement Residence shall bear no further responsibility hereunder at such time as it has no further interest in the Property.

3.02 Any notice to be given hereunder shall be deemed given when personally delivered to the party to receive such notice, or when mailed postage prepaid by registered or certified mail at the following addresses:

If to Montgomery Retirement Residence:

Montgomery Retirement Residence LLC
Attn: _____
9310 NE Vancouver Mall Drive, #200
Vancouver, WA 98662

Copy to:
James J. Garrity, Esquire
Wisler Pearlstine, LLP
Blue Bell Executive Campus
460 Norristown Road, Suite 110
Blue Bell, PA 19422-2323

If to Township:

Montgomery Township
Attn: Township Manager
Administration Building
1001 Stump Road
Montgomeryville, PA 18936

Copy to:
Dischell, Bartle & Dooley, PC
Frank R. Bartle, Esquire
Robert J. Iannozzi Jr., Esquire
1800 Pennbrook Parkway, Suite 200
Lansdale, PA 19446

- 3.03 This Agreement will be interpreted according to the laws of the Commonwealth of Pennsylvania.
- 3.04 This Agreement represents the entire understanding of Montgomery Retirement Residence and the Township with respect to the subject matter of this agreement and supersedes all prior agreements, contracts, understandings, negotiations and other arrangements between Montgomery Retirement Residence and the Township.
- 3.05 This Agreement may be amended, modified or supplemented only by a written agreement between Montgomery Retirement Residence (or its successor or assign) and the Township.
- 3.06 This Agreement, and all the respective rights and obligations under it, will be binding and inure to the benefit of and be enforceable by the

successors and assignees of Montgomery Retirement Residence and the Township.

3.07 Montgomery Retirement Residence shall promptly notify the Township of any material changes in ownership of Montgomery Retirement Residence and provide any information about that change in ownership reasonably required by the Township.

3.08 Montgomery Retirement Residence and the Township agree that the Township shall record this Agreement in the Montgomery County Recorder of Deeds Office. Montgomery Retirement Residence shall be responsible for the recording costs.

The parties hereunto set their hands and seals this _____ day of _____, 2017.

Attest:

PROPERTY OWNER:
MONTGOMERY RETIREMENT RESIDENCE
LLC, a Washington limited liability
company

By: Hawthorne Management Services
Corp., a Washington corporation, its
Manager

Barton G. Colson
President

Attest

MONTGOMERY TOWNSHIP

Lawrence Gregan,
Township Manager

Candyce Fluehr Chimera,
Chairperson

ACKNOWLEDGMENTS

COMMONWEALTH OF PENNSYLVANIA :

ss

COUNTY OF MONTGOMERY :

On this, the _____ day of _____, 2017, before me, a Notary Public, personally appeared Barton G. Colson, who acknowledged himself to be President of Hawthorne Management Services, Corp., Manager of Montgomery Retirement Residence LLC, and that he, as such officer, executed the foregoing instrument for the purposes therein contained by signing the name of the corporation by himself as such officer.

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

Notary Public

ACKNOWLEDGMENTS

COMMONWEALTH OF PENNSYLVANIA :

ss

COUNTY OF MONTGOMERY :

On this, the _____ day of _____, 2017, before me, a Notary Public, personally appeared Candyce Fluehr Chimera, who acknowledged herself to be the Chairperson of the Montgomery Township Board of Supervisors, and that as such, was authorized to execute the foregoing instrument for the purposes therein contained, by signing the name of the Township by herself as Chairperson.

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

Notary Public

COMMONWEALTH OF PENNSYLVANIA :

ss

COUNTY OF MONTGOMERY :

On this, the _____ day of _____, 2017, before me, a Notary Public, personally appeared, Lawrence J. Gregan, who acknowledged himself to be the Secretary/Township Manager of Montgomery Township, and that as such, was authorized to execute the foregoing instrument for the purposes therein contained, by signing the name of the Township by himself as Secretary/Township Manager.

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

Notary Public

MONTGOMERY TOWNSHIP BOARD OF SUPERVISORS
BOARD ACTION SUMMARY

Consider Approval of DEP Sewage Facilities Planning Module – Christian Brothers Automotive

MEETING DATE: August 28, 2017

ITEM NUMBER: #10

MEETING/AGENDA: WORK SESSION ACTION CONSENT XX NONE

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

INITIATED BY: Bruce Shoupe BOARD LIAISON: Candyce F. Chimera
Director Planning and Zoning Chairman

BACKGROUND:

As you are aware, the Township's Act 537 Plan is its plan for sewer service. The MTMSA is responsible for the implementation of this plan. Occasionally, the plan must be changed due to development and a planning module must be submitted to PADEP. This application is for the Christian Brothers Automotive, which is to be located at 565 DeKalb Pike.

The Montgomery Township Municipal Sewer Authority approved the Planning Module.

ZONING, SUBDIVISION OR LAND DEVELOPMENT IMPACT:

None

PREVIOUS BOARD ACTION:

None

ALTERNATIVES/OPTIONS:

Approve or not approve the DEP Sewage Facilities Planning Module.

BUDGET IMPACT:

None.

RECOMMENDATION:

Acceptance of the DEP Sewage Facilities Planning Module.

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

WHEREAS, the Pennsylvania Department of Environmental Protection requires that a municipality amend its Sewage Facilities Plan for any new development; and

WHEREAS, Christian Brothers Automotive has submitted an application to PADEP for the Christian Brothers Automotive, LDS 692; and

WHEREAS, this Planning Module has been reviewed by the Montgomery Township Municipal Sewer Authority and found to be acceptable.

NOW, THEREFORE, BE IT RESOLVED, by the Board of Supervisors of Montgomery Township that we hereby approve the application for the Christian Brothers Automotive development.

MOTION BY:

SECOND BY:

VOTE:

DATE:

xc: Applicant, F. Bartle, Gilmore Associates, MTMSA, B. Shoupe, M. Gambino, Minute Book, Resolution File, File



RESOLUTION FOR PLAN REVISION FOR NEW LAND DEVELOPMENT

RESOLUTION OF THE (SUPERVISORS) (COMMISSIONERS) (COUNCILMEN) of Montgomery Township
(TOWNSHIP) (BOROUGH) (CITY), Montgomery COUNTY, PENNSYLVANIA (hereinafter "the municipality").

WHEREAS Section 5 of the Act of January 24, 1966, P.L. 1535, No. 537, known as the "Pennsylvania Sewage Facilities Act", as Amended, and the rules and Regulations of the Pennsylvania Department of Environmental Protection (Department) adopted thereunder, Chapter 71 of Title 25 of the Pennsylvania Code, require the municipality to adopt an Official Sewage Facilities Plan providing for sewage services adequate to prevent contamination of waters of the Commonwealth and/or environmental health hazards from sewage wastes, and to revise said plan whenever it is necessary to determine whether a proposed method of sewage disposal for a new land development conforms to a comprehensive program of pollution control and water quality management, and

WHEREAS Christian Brothers Automotive has proposed the development of a parcel of land identified as
land developer

565 Dekalb Pike, and described in the attached Sewage Facilities Planning Module, and
name of subdivision

proposes that such subdivision be served by: (check all that apply), sewer tap-ins, sewer extension, new treatment facility, individual onlot systems, community onlot systems, spray irrigation, retaining tanks, other, (please specify). grinder pump with force main to a private pump station

WHEREAS, Montgomery Township finds that the subdivision described in the attached
municipality

Sewage Facilities Planning Module conforms to applicable sewage related zoning and other sewage related municipal ordinances and plans, and to a comprehensive program of pollution control and water quality management.

NOW, THEREFORE, BE IT RESOLVED that the (Supervisors) (Commissioners) (Councilmen) of the (Township) (Borough) (City) of Montgomery Township hereby adopt and submit to the Department of Environmental Protection for its approval as a revision to the "Official Sewage Facilities Plan" of the municipality the above referenced Sewage Facilities Planning Module which is attached hereto.

I _____, Secretary, _____
(Signature)

Township Board of Supervisors (Borough Council) (City Councilmen), hereby certify that the foregoing is a true copy of the Township (Borough) (City) Resolution # _____, adopted, _____, 20____.

Municipal Address:

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

Seal of
Governing Body





**TRANSMITTAL LETTER
 FOR SEWAGE FACILITIES PLANNING MODULE**

DEP USE ONLY				
DEP CODE # 1-46940-355-3J	APS ID #	CLIENT ID #	SITE ID #	AUTH. ID #

TO: Approving Agency (DEP or delegated local agency)
 PADEP Southeast Regional Office
 2 East Main Street
 Norristown, PA 19401

Date _____

Dear Sir:

Attached please find a completed Sewage Facilities Planning Module prepared by Holmes Cunningham Engineering (Name)
 _____ for Christian Brothers Automotive (Name)
 _____ (Title)
 a subdivision, commercial, or industrial facility located in Montgomery Township,
Montgomery County.
 _____ (City, Borough, Township)

Check one

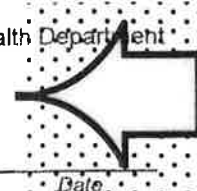
- (i) The Planning Module, as prepared and submitted by the applicant, is approved by the municipality as a proposed revision supplement for new land development to its "Official Sewage Facilities Plan", and is adopted for submission to the Department of Environmental Protection transmitted to the delegated local agency for approval in accordance with the requirements of Chapter 71 and the Sewage Facilities Act, OR
- (ii) The Planning Module will not be approved by the municipality as a proposed revision or supplement for new land development to its "Official Sewage Facilities Plan" because the project described therein is unacceptable for the reason(s) checked below.

Check Boxes

- Additional studies are being performed by or on behalf of this municipality which may have an effect on the Planning Module as prepared and submitted by the applicant. Attached hereto is the scope of services to be performed and the time schedule for completion of said studies.
- The Planning Module as submitted by the applicant fails to meet limitations imposed by other laws or ordinances, officially adopted comprehensive plans and/or environmental plans (e.g., zoning, land use, Chapter 71). Specific reference or applicable segments of such laws or plans are attached hereto.
- Other (attach additional sheet giving specifics)

Municipal Secretary: Indicate below by checking appropriate boxes which components are being transmitted to the Approving Agency.

- | | | |
|---|---|---|
| <input checked="" type="checkbox"/> Resolution of Adoption | <input checked="" type="checkbox"/> 3. Sewage Collection/Treatment Facilities | <input checked="" type="checkbox"/> 4.A. Municipal Planning Agency Review |
| <input type="checkbox"/> 2. Individual and Community Onlot Disposal of Sewage | <input type="checkbox"/> 3s Small Flow Treatment Facilities | <input checked="" type="checkbox"/> 4.B. County Planning Agency Review |
| <input type="checkbox"/> 2m. Sewage Management Program | | <input checked="" type="checkbox"/> 4.C. County or Joint Health Department Review |



Municipal Secretary (print)

Signature

Date

Note: Please remove and recycle the Instructions portion of the Sewage Facilities Planning Module prior to mailing the appropriate completed components and supporting documents to the approving agency.

Checklist



COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF POINT AND NON-POINT SOURCE MANAGEMENT

Completeness Checklist

The individual completing the component should use the checklist below to assure that all items are included in the module package. The municipality should confirm that the required items have been included within 10 days of receipt, and if complete, sign and date the checklist.

Sewage Collection and Treatment Facilities

- Name and Address of land development project.
- U.S.G.S. 7.5 minute topographic map with development area plotted.
- Project Narrative.
- Letter from water company (if applicable).
- Alternative Analysis Narrative.
- Details of chosen financial assurance method.
- Proof of Public Notification (if applicable).
- Name of existing collection and conveyance facilities.
- Name and NPDES number of existing treatment facility to serve proposed development.
- Plot plan of project with required information.
- Total sewage flows to facilities table.
- Signature of existing collection and/or conveyance Chapter 94 report preparer.
- Signature of existing treatment facility Chapter 94 report preparer.
- Letter granting allocation to project (if applicable).
- Signature acknowledging False Swearing Statement.
- Completed Component 4 (Planning Agency Review) for each existing planning agency and health department.
- Information on selected treatment and disposal option.
- Permeability information (if applicable).
- Preliminary hydrogeology (if applicable).
- Detailed hydrogeology (if applicable).

Municipal Action

- Component 3 (Sewage Collection and Treatment Facilities).
- Component 4 (Planning Agency Comments and Responses).
- Proof of Public Notification.
- Long-term operation and maintenance option selection.
- Comments, and responses to comments generated by public notification.
- Transmittal Letter

Signature of Municipal Official

Date submittal determined complete



Component 3J Checklist

Applicant Checklist (√ or N/A)	Materials Required to be Included in the Planning Package	DEP Completeness Review
DEP Checklist Letter		
X	DEP checklist letter is attached with items checked off by the applicant (or applicant's authorized representative) as included	
X	DEP checklist letter certification statement completed and signed	
Transmittal Letter (Form 3800-FM-BPNPSM0355)		
X	Transmittal Letter is attached, completed and the appropriate boxes in Section (i) are checked.	
X	Transmittal Letter is signed by the municipal secretary	
Resolution of Adoption (Form 3800-FM-BPNPSM0356)		
X	Resolution of Adoption is attached and completed	
X	Resolution of Adoption is signed by the municipal secretary	
X	Resolution of Adoption has a visible municipal seal	
Component 4A - Municipal Planning Agency Review (Form 3800-FM-BPNPSM0362A)		
X	Component 4A is attached, completed and signed	
X	Municipal Responses to Component 4A comments are included	
Component 4B – County Planning Agency Review (Form 3800-FM-BPNPSM0362B)		
X	Component 4B is attached, completed and signed	
X	Municipal Responses to Component 4B comments are included	
Component 4C – County or Joint Health Department Review (Form 3800-FM-BPNPSM0362C)		
X	Component 4C is attached, completed and signed	
X	Municipal Responses to Component 4C comments are included	
Component 3 Sewage Facilities Planning Module (Form 3800-FM-BPNPSM0353)		
<i>Section A: Project Information</i>		
X	Section A.1. The Project Name is completed	
X	Section A.2. The Brief Project Description is completed	
<i>Section B: Client Information</i>		
X	Client Information is completed	
<i>Section C: Site Information</i>		
X	Site Information is completed	
X	A copy of the 7.5 minute USGS Topographic map is attached with the development site outlined, as required by the instructions and the checklist	
<i>Section D: Project Consultant Information</i>		
X	Project Consultant Information is completed	
<i>Section E: Availability of Drinking Water Supply</i>		
X	The appropriate box is checked in Section E	
X	For existing public water supplies, the name of the company is provided	
X	For public water supplies, the certification letter from the public water company is attached	
<i>Section F: Project Narrative</i>		

Component 3J Checklist

X	The Project Narrative is attached	
X	All information required in the module directions has been addressed	
<i>Section G: Proposed Wastewater Disposal Facilities</i>		
X	Section G.1.a. The collection system boxes are checked	
	The Pennsylvania Clean Streams Law (CSL) permit number is provided for existing systems	
X	Section G.1.b. The questions on the collection system are completed	
X	Section G.2.a. The appropriate treatment facility box is checked	
X	For existing treatment facilities, the name is provided	
X	For existing treatment facilities, the NPDES permit number is provided	
X	For existing treatment facilities, the CSL permit number is provided	
N/A	For new treatment facilities, the discharge location is provided	
X	Section G.2.b. The certification statement has been completed and signed by the wastewater treatment facility permittee or their representative	
X	Section G.3. The plot plan is attached and contains all items in the module instructions under Section G.3	
X	The plot plan will show the proposed sewer facilities, sewer extension and/or point of connection to the existing sewer line or point of discharge	
N/A	Copies of easement(s) or right-of-way(s) are attached	
X	Section G.4. The boxes are checked regarding Wetland Protection	
X	Section G.5. The boxes are checked regarding Primary Agricultural Land	
X	Section G.6. The boxes are checked confirming consistency with the Historic Preservation Act	
X	The Cultural Resources Notice (CRN) (Form 0120-PM-PY0003) is attached Project is under 10 acres disturbance	
X	A return receipt for its submission to the PHMC is attached	
X	The PHMC review letter is attached	
X	Section G.7. The boxes are checked regarding Pennsylvania Natural Diversity Inventory (PNDI)	
X	Pennsylvania Natural Diversity Inventory (PNDI) Project Environmental Review Receipt is attached	
X	PNDI Review Receipt, if no potential impacts identified, is not older than 2 years	
N/A	All supporting resolution documentation from jurisdictional agencies (when necessary) is attached and not older than 2 years	
N/A	A completed PNDI Large Project Form (PNDI Form) (Form	

Component 3J Checklist

N/A	8100-FM-FR0161) is attached with all supplemental materials and DEP is requested to complete the search.	
<i>Section H: Alternative Sewage Facilities Analysis</i>		
X	The Alternative Sewage Facilities Analysis is attached	
X	All information required in the module directions has been addressed	
<i>Section I: Compliance with Water Quality Standards and Effluent Limitations</i>		
N/A	The box is checked regarding Waters Designated for Special Protection	
N/A	The Social or Economic Justification is attached	
N/A	The box is checked regarding Pennsylvania Waters Designated As Impaired	
N/A	The box is checked regarding Interstate and International Waters	
N/A	The box is checked regarding Tributaries to the Chesapeake Bay and the required information is provided	
N/A	The Name of Permittee Agency, Authority, Municipality and the Initials of Responsible Agent are provided	
N/A	If discharge to an intermittent stream, dry swale or manmade ditch is proposed, provide evidence that a certified letter has been sent to each owner of property over which the discharge will flow until perennial conditions are met	
<i>Section J: Chapter 94 Consistency Determination</i>		
X	A map showing the path of the sewage to the treatment facility and the location of the discharge is provided	
X	Section J.1. The Project Flows are provided	
X	Section J.2. The permitted, existing, and projected average and peak flows are provided in the table for collection, conveyance and treatment facilities	
X	Section J.3.a. The appropriate box is checked indicating capacity in the Collection and Conveyance Facilities	
X	Section J.3.b. The Collection System information is completed, signed and dated	
X	Section J.3.b. The Conveyance System information is completed, signed and dated	
X	Section J.4.a. The appropriate box is checked regarding projected overloads at the Treatment Facility	
X	Section J.4.b. The Treatment Facility information is completed, signed and dated	
X	The Permittee of the wastewater treatment facility has submitted a Chapter 94 Wasteload Management Report, which includes the information for the collection and conveyance system to serve this project	
N/A	An acceptable Wasteload Management Report Corrective Action Plan (CAP) and schedule has been submitted, as well as a connection management plan	
N/A	A letter from the permittee, which grants allocations to the project	

Component 3J Checklist

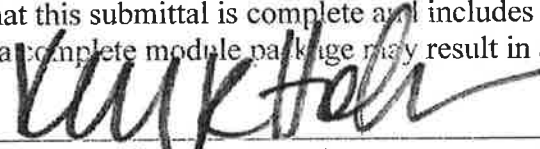
	consistent with the CAP, and a copy of the connection management plan has been submitted	
N/A	Letter indicating the treatment plant is an interim regional treatment facility is attached	
<i>Section K: Treatment and Disposal Options</i>		
N/A	For proposed treatment facilities, the appropriate box is checked indicating the selected Treatment and Disposal Option	
<i>Section L: Permeability Testing</i>		
N/A	The Permeability Testing information is attached	
<i>Section M: Preliminary Hydrogeologic Study</i>		
N/A	The Preliminary Hydrogeologic Study is attached	
N/A	The Preliminary Hydrogeologic Study is signed and sealed by a Professional Geologist	
<i>Section N: Detailed Hydrogeologic Study</i>		
N/A	The Detailed Hydrogeologic Study is attached	
N/A	The Detailed Hydrogeologic Study is signed and sealed by a Professional Geologist	
<i>Section O: Sewage Management</i>		
X	Section O.1. The box is checked indicating municipal or private facilities	
X	If municipal, the remainder of Section O is not applicable	
N/A	If private, the required analysis and evaluation of sewage management options is attached	
N/A	Section O.2. The appropriate box is checked regarding the use of nutrient credits or offsets	
N/A	Section O.3. The Project Flows for the private facilities are provided	
N/A	Section O.4.a. The appropriate box is checked indicating capacity in the existing private Collection and Conveyance Facilities	
N/A	Section O.4.b. The private Collection System information is completed, signed and dated	
N/A	Section O.4.c. The private Conveyance System information is completed, signed and dated	
N/A	Section O.5.a. The appropriate box is checked regarding projected overloads at the private Treatment Facility	
N/A	Section O.5.b. The private Treatment Facility information is completed, signed and dated	
N/A	Section O.6. The box is checked indicating the municipality will assure proper operation and maintenance of the proposed private facilities	
N/A	The required documentation of sewage management is attached	
<i>Section P: Public Notification Requirement</i>		
X	All Public Notification boxes in this section are checked	
N/A	The public notice is attached, if public notification is necessary	

Component 3J Checklist

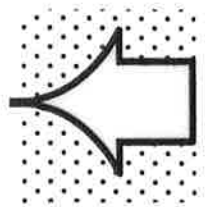
N/A	All comments received as a result of the notice are attached	
N/A	The municipal responses to these comments are attached	
N/A	The box is checked indicating that no comments were received, if valid	
<i>Section Q: False Swearing Statements</i>		
X	The planning module preparer's false swearing statement is completed and signed	
<i>Section R: Planning Module Review Fee</i>		
X	The correct fee has been calculated	
X	The correct fee has been paid	
N/A	The request for fee exemption has been checked	
N/A	The deed reference information is provided to support the fee exemption	
<i>Completeness Checklist</i>		
X	The module completeness checklist is included	
X	All completeness items have been checked as included by the municipality, as appropriate	
X	The Municipal Official has signed and dated the checklist	

CERTIFICATION STATEMENT

I certify that this submittal is complete and includes all requested items. I understand that failure to submit a complete module package may result in a denial of the application.

Signed:  Date: 2/16/17
Applicant (or Applicant's authorized representative)

Signed: _____ Date: _____
Municipal Secretary



MONTGOMERY TOWNSHIP BOARD OF SUPERVISORS
BOARD ACTION SUMMARY

SUBJECT: Consider Payment of Bills

MEETING DATE: August 28, 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					
08/14/2017	01	69163	MISC-FIRE	STEVE SPLENDIDO	30.00
08/25/2017	01	69164	00000496	21ST CENTURY MEDIA NEWSPAPERS LLC	1,455.24
08/25/2017	01	69165	00000842	911 SAFETY EQUIPMENT	661.83
08/25/2017	01	69166	00000006	ACME UNIFORMS FOR INDUSTRY	126.05
08/25/2017	01	69167	MISC-FIRE	ADAM MORROW	105.00
08/25/2017	01	69168	MISC-FIRE	ADAM WEBSTER	80.00
08/25/2017	01	69169	00902350	ADRIENNE JAPPE	45.00
08/25/2017	01	69170	100000479	ADVANTAGE INDUSTRIAL SUPPLY	83.63
08/25/2017	01	69171	00000340	ADVENT SECURITY CORPORATION	311.46
08/25/2017	01	69172	MISC-FIRE	ALEXANDER J DEANGELIS	45.00
08/25/2017	01	69173	MISC-FIRE	ANDREW WEINER	30.00
08/25/2017	01	69174	00002061	AT&T MOBILITY	1,578.27
08/25/2017	01	69175	00902966	AVALON WAY LLC	5,297.20
08/25/2017	01	69176	00906105	BATTERIES & BULBS	64.99
08/25/2017	01	69177	00000043	BERGEY'S	721.70
08/25/2017	01	69178	MISC-FIRE	BILL WIEGMAN	120.00
08/25/2017	01	69179	00000209	BOUCHER & JAMES, INC.	15,730.67
08/25/2017	01	69180	100000476	BRICKS 4 KIDS	2,700.00
08/25/2017	01	69181	00905000	BS&A SOFTWARE	30,300.00
08/25/2017	01	69182	100000405	C.E.S.	1,244.84
08/25/2017	01	69183	MISC-FIRE	CARL HERR	30.00
08/25/2017	01	69184	00000363	COMCAST	682.86
08/25/2017	01	69185	00000335	COMCAST CORPORATION	2,044.10
08/25/2017	01	69186	00000218	COMMONWEALTH OF PENNSYLVANIA	2,500.00
08/25/2017	01	69187	100000482	DARREN DAULTON FOUNDATION	100.00
08/25/2017	01	69188	00000111	DAVID H. LIGHTKEP, INC.	54.86
08/25/2017	01	69189	MISC-FIRE	DAVID P BENNETT	15.00
08/25/2017	01	69190	00000118	DEL-VAL INTERNATIONAL TRUCKS, INC.	177.91
08/25/2017	01	69191	00000120	DVWCT - DELAWARE VALLEY WC TRUST	1,644.00
08/25/2017	01	69192	100000031	E.O. HABHEGGER CO. INC.	611.58
08/25/2017	01	69193	00001332	EAGLE POWER & EQUIPMENT CORP	112.00
08/25/2017	01	69194	03214663	ELITE 3 FACILITIES MAINTNEANCE, LLC	4,240.00
08/25/2017	01	69195	00903110	ESTABLISHED TRAFFIC CONTROL	865.00
08/25/2017	01	69196	00000161	EUREKA STONE QUARRY, INC.	238.06
08/25/2017	01	69197	MISC	FASTSIGNS OF NORTH PENN	380.00
08/25/2017	01	69198	00001466	FEDEX OFFICE	44.99
08/25/2017	01	69199	00000606	FIRE CHIEF'S AID ASSOC OF MONTG CO	2,808.00
08/25/2017	01	69200	100000258	FRANK J. COLELLI	534.60
08/25/2017	01	69201	03214568	FULTON CARDMEMBER SERVICES	4,041.15
08/25/2017	01	69202	00001852	G.L. SAYRE, INC.	15.70
08/25/2017	01	69203	00000193	GEORGE ALLEN PORTABLE TOILETS, INC.	621.00
08/25/2017	01	69204	00000229	GRAINGER	510.81
08/25/2017	01	69205	100000132	HARRY T. ALLEN	120.00
08/25/2017	01	69206	00000331	HATFIELD TOWNSHIP	8,386.00
08/25/2017	01	69207	00906083	HEAD START SPORTS, INC	120.00
08/25/2017	01	69208	00000903	HOME DEPOT CREDIT SERVICES	74.79
08/25/2017	01	69209	00000102	INTERSTATE BATTERY SYSTEMS OF	111.95
08/25/2017	01	69210	00902738	JASON SHULER	83.86
08/25/2017	01	69211	00902738	JASON SHULER	54.03
08/25/2017	01	69212	MISC-FIRE	JOHN H. MOGENSEN	60.00
08/25/2017	01	69213	100000481	JOHN RIETHEIMER	44.00
08/25/2017	01	69214	MISC-FIRE	JON WASHINGTON	95.00
08/25/2017	01	69215	00002046	JUMP START SPORTS	2,040.00
08/25/2017	01	69216	00000377	KATHY'S JUST DESSERTS, INC.	2,470.00
08/25/2017	01	69217	03214614	KIN PROPERTIES	248.04
08/25/2017	01	69218	00003009	LIFE FITNESS	6,555.45
08/25/2017	01	69219	00000284	LIZELL OFFICE FURNITURE	2,495.00
08/25/2017	01	69220	00001706	LOWE'S COMPANIES INC.	66.46
08/25/2017	01	69221	00001065	MAILLIE LLP	175.00
08/25/2017	01	69222	MISC	MARCO PROTECTION SYSTEMS LLC	94.88
08/25/2017	01	69223	100000332	MARCY LYNCH FITNESS	156.00
08/25/2017	01	69224	00000055	MARK MANJARDI	264.00
08/25/2017	01	69225	00000689	MARY KAY KELM, ESQUIRE	212.50
08/25/2017	01	69226	MISC-FIRE	MARY NEWELL	80.00
08/25/2017	01	69227	MISC-FIRE	MICHAEL D. SHINTON	30.00
08/25/2017	01	69228	MISC-FIRE	MIKE BEAN	30.00
08/25/2017	01	69229	00000312	MOBILE LIFTS, INC.	911.75
08/25/2017	01	69230	00000326	MONTGOMERY COUNTY	406.70
08/25/2017	01	69231	100000483	MONTGOMERY COUNTY CONSORTIUM OF COM	250.00
08/25/2017	01	69232	00000324	MOYER INDOOR / OUTDOOR	548.00
08/25/2017	01	69233	MISC	MYCO MECHANICAL, INC.	84.14
08/25/2017	01	69234	00000540	MYSTIC PIZZA	1,064.00
08/25/2017	01	69235	100000477	NADIA DESENCIOS	415.00
08/25/2017	01	69236	00000376	NORTH PENN SCHOOL DISTRICT	2,250.00
08/25/2017	01	69237	00000270	NYCE CRETE AND LANDIS CONCRETE	89.40
08/25/2017	01	69238	100000120	OTIS ELEVATOR COMPANY	4,469.16
08/25/2017	01	69239	MISC-FIRE	PAUL R. MOGENSEN	75.00
08/25/2017	01	69240	00000399	PECO ENERGY	9,411.84

Check Date	Bank	Check	Vendor	Vendor Name	Amount
08/25/2017	01	69241	00000595	PENN VALLEY CHEMICAL COMPANY	830.74
08/25/2017	01	69242	00000726	PENN-HOLO SALES & SERVICES	243.96
08/25/2017	01	69243	00001930	PENNBC	400.00
08/25/2017	01	69244	00000009	PETTY CASH	93.14
08/25/2017	01	69245	00000009	PETTY CASH	482.82
08/25/2017	01	69246	MISC-FIRE	RACHEL GIBSON	30.00
08/25/2017	01	69247	MISC-FIRE	RACHEL TROUTMAN	40.00
08/25/2017	01	69248	100000480	RAVI CHIVUKULA	119.00
08/25/2017	01	69249	00002033	REPUBLIC SERVICES NO. 320	1,313.82
08/25/2017	01	69250	00001146	RESERVE ACCOUNT	1,500.00
08/25/2017	01	69251	00000117	RIGGINS INC	1,766.10
08/25/2017	01	69252	00000115	RIGGINS, INC	2,244.08
08/25/2017	01	69253	00001972	ROBERT L. BRANT	108.75
08/25/2017	01	69254	MISC-FIRE	ROBERT MCMONAGLE	15.00
08/25/2017	01	69255	00000610	RUBIN, GLICKMAN, STEINBERG AND	351.00
08/25/2017	01	69256	MISC-FIRE	RYAN CROUTHAMEL	30.00
08/25/2017	01	69257	MISC-FIRE	RYAN RUDELL	15.00
08/25/2017	01	69258	00000452	S&S WORLDWIDE	1,904.28
08/25/2017	01	69259	03214573	SAR AUTOMOTIVE EQUIPMENT	225.00
08/25/2017	01	69260	00000465	SHAPIRO FIRE PROTECTION COMPANY	702.90
08/25/2017	01	69261	00001656	SOSMETAL PRODUCTS INC.	526.20
08/25/2017	01	69262	00000015	SPRINT	448.19
08/25/2017	01	69263	00001394	STANDARD INSURANCE COMPANY	7,610.80
08/25/2017	01	69264	00001847	STAPLES CONTRACT & COMMERCIAL, INC.	145.78
08/25/2017	01	69265	MISC-FIRE	STEVE SPLENDIDO	30.00
08/25/2017	01	69266	00001783	THE HOMER GROUP	5,387.00
08/25/2017	01	69267	00001771	TIMAC AGRO USA	959.75
08/25/2017	01	69268	MISC-FIRE	TOM HUGUENIN	30.00
08/25/2017	01	69269	00001998	TROPIANO BUS COMPANY LLC	1,657.50
08/25/2017	01	69270	99999999	UNITED STATES POSTAL SERVICE	2,507.27
08/25/2017	01	69271	00000520	VALLEY POWER, INC.	838.77
08/25/2017	01	69272	00000040	VERIZON	139.99
08/25/2017	01	69273	00000040	VERIZON	39.92
08/25/2017	01	69274	00000040	VERIZON	102.36
08/25/2017	01	69275	00000038	VERIZON WIRELESS SERVICES, LLC	1,347.54
08/25/2017	01	69276	00000132	VIMCO INC.	33.20
08/25/2017	01	69277	MISC-FIRE	VINAY SETTY	120.00
08/25/2017	01	69278	MISC-FIRE	VINCE ZIRPOLI	180.00
08/25/2017	01	69279	00001329	WELDON AUTO PARTS	155.25
08/25/2017	01	69280	00001084	WITMER ASSOCIATES, INC.	224.72
08/25/2017	01	69281	100000229	YOUNG REMBRANDT'S BUXMOUNT - PA	360.00
08/25/2017	01	69282	00000550	ZEP MANUFACTURING COMPANY	359.77
08/25/2017	01	69283	100000115	ZIP AND BOUNCE	2,500.00
08/25/2017	01	69284	00001722	ZOLL MEDICAL CORPORATION	2,771.90

01 TOTALS:

Total of 122 Disbursements:

167,935.95

08/25/2017

Check List
For Check Dates 08/15/2017 to 08/28/2017

Check Date	Name	Amount		
08/16/2017	STATE OF PA	State Tax Payment	\$	9,451.33
08/24/2017	BCG 401	401 Payment	\$	15,809.76
08/24/2017	BCG 457	457 Payment	\$	10,776.05
08/24/2017	PA SCDU	Withholding Payment	\$	1,020.72
08/24/2017	PBA	PBA Payment	\$	734.81
08/24/2017	UNITED STATES TREASURY	941 Tax Payment	\$	98,183.28
Total Checks: 6			\$	135,975.95