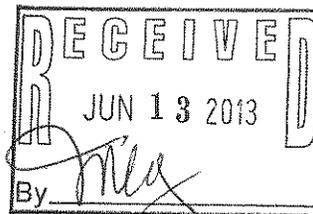




GATEWAY

On Call. On Time. On Target.



THE GATEWAY ENGINEERS, INC.

400 HOLIDAY DRIVE, SUITE 300
PITTSBURGH, PA 15220-2727
412.921.4030 PHONE
412.921.9960 FAX

www.gatewayengineers.com

LETTER OF TRANSMITTAL

June 10, 2013
C-40113-2013

Pennsylvania Department of Environmental Protection
400 Waterfront Drive
Pittsburgh, PA 15222-4745

ATT: Jim Kuncelman

RE: 2013 MS4 Annual Report Form
Brentwood Borough

Enclosed you will find the following items we are sending via hand-delivery:

COPIES	DESCRIPTION
1	2013 MS4 Annual Report Form for the Reporting Period of March 10, 2012 to March 9, 2013 – Brentwood Borough

Respectfully,
THE GATEWAY ENGINEERS, INC.

Ryan R. Berner
Project Manager

cc: George Zboyovsky, P.E., Borough Manager
Jennifer Slagle, P.E., Borough Engineer

G:\Projects\40000 Brentwood\40113 Storm water 2\2013\Docs\Correspondence\Govt Agencies\2013 MS4 Annual Report Letter of Transmittal 2013-6-10.docx



COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF WATERSHED MANAGEMENT

MS4 ANNUAL REPORT FORM FOR STORMWATER DISCHARGES FROM SMALL MUNICIPAL SEPARATE STORM SEWER SYSTEMS (MS4s)

Reporting Period

(Check appropriate block. Fill in the year for the reporting period you are submitting the report if not listed.)

- March 10, 2010 through March 9, 2011 (due June 9, 2011)
 March 10, 2011 through March 9, 2012 (due June 9, 2012)
 March 10, 2012 through March 9, 2013 (due June 9, 2013)

SECTION I – SMALL MS4 OPERATOR INFORMATION

1. **Name of MS4 Permittee and NPDES Permit Number**

Name: Brentwood Borough PAG: 136271 PAI: _____
Co-permittee : _____

2. **Location**

Municipality: Brentwood Borough County: Allegheny County
Watershed Name(s): Sawmill Run; Monongahela; Streets Run

3. **Contact Person from the MS4**

Name: George Zboyovksy, P.E. Title: Borough Manager Phone: 412-884-1500
Fax: 412-884-1911 Email: gzboyovsky@brentwoodboro.com

4. **Permittee Mailing Address**

Address: 3624 Brownsville Road
City: Brentwood State: PA Zip Code: 15227

5. **MS4 Website (If applicable)**

URL: www.brentwoodboro.com

6. **Permittee's Consultant/Engineer Information (If applicable)**

Company Name: The Gateway Engineers, Inc.
Consultant/Engineer Name: Jennifer J. Slagle, P.E. Title: Borough Engineer
Phone: 412-921-4030, x 114 Fax: 412-921-9960 Email: jslagle@gatewayengineers.com
Address: 400 Holiday Drive, Suite 300
City: Pittsburgh State: PA Zip Code: 15220

SECTION II – MCM INFORMATION

7A. Have you completed all required activities for?

Year 1:	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Year 2:	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Year 3:	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Year 4:	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Year 5:	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>

7B. Complete the following section for each watershed-based or Act 167 Storm Water Management Plan.

Watershed Plan Name Monongahela

Is this an Act 167 Plan? Yes No

If yes, has DEP approved the plan? Yes No

If yes, give date: 6/15/1994

Is the ordinance required by the plan enacted: Yes No

If yes, give effective date: 9/3/1996

If the ordinance is not enacted, please provide the anticipated enactment date _____
and explain the status: _____

Watershed Plan Name Sawmill Run

Is this an Act 167 Plan? Yes No

If yes, has DEP approved the plan? Yes No

If yes, give date: _____

Is the ordinance required by the plan enacted: Yes No

If yes, give effective date: 9/3/1996

If the ordinance is not enacted, please provide the anticipated enactment date _____
and explain the status: _____

Watershed Plan Name Streets Run

Is this an Act 167 Plan? Yes No

If yes, has DEP approved the plan? Yes No

If yes, give date: _____

Is the ordinance required by the plan enacted: Yes No

If yes, give effective date: 9/3/1996

If the ordinance is not enacted, please provide the anticipated enactment date _____
and explain the status: _____

7C. Please provide current contact name and phone number information:

MCM #1

Public Education and Outreach on Storm Water Impacts

Name: George Zboyovsky, P.E., Borough Manager

Phone: 412-884-1500

MCM #2

Public Involvement/Participation

Name: George Zboyovsky, P.E., Borough Manager

Phone: 412-884-1500

MCM #3

Illicit Discharge Detection and Elimination (IDD&E)

Name: George Zboyovsky, P.E., Borough Manager

Phone: 412-884-1500

MCM #4

Construction Site Storm Water Runoff Control

Name: George Zboyovsky, P.E., Borough Manager

Phone: 412-884-1500

MCM #5

Post-Construction Storm Water Management in New Development and Redevelopment

Name: George Zboyovsky, P.E., Borough Manager

Phone: 412-884-1500

MCM #6

Pollution Prevention/Good Housekeeping for Municipal Operations

Name: George Zboyovsky, P.E., Borough Manager

Phone: 412-884-1500

MCM#1 - PUBLIC EDUCATION AND OUTREACH ON STORM WATER IMPACTS — MINIMUM CONTROL MEASURE

8A. MS4s USING DEP PROTOCOL for this MCM

BMP: Update Target Audience Information (Have you reviewed your public education plan for accuracy and content and made any relevant changes regarding your target audiences and their communication channels? If so, include/attach your revised plan.)

Measurable goal for this BMP was met.

Measurable goal for this BMP was not met.

Describe how goal was met; or if not met, give an explanation and proposed corrective actions: The Borough continued to follow its plan for appropriate public outreach and education efforts in the 2012-2013 permit year. Outreach information is targeted to residents, students and businesses. Articles and flyers are disseminated in the following manner: handouts at the Borough building and library, handouts at Council meetings, articles placed on the Borough web-site under the Community Outreach section, and articles placed in the quarterly "In Brentwood Baldwin Whitehall" magazine. Outreach and education articles continued to include items on stormwater awareness and techniques to reduce stormwater pollution.

Is this BMP appropriate to meet your identified measurable goal? Yes No. If No, please provide additional information on other BMP(s) that would meet the goal.

8B. BMP: Continue public education and outreach. (What was accomplished during the past permit year regarding: Developer education/outreach? Storm water ad in local newspaper? Provide posters or other information to schools and businesses? Storm drain stenciling/markings? Maintain website links and provide website educational info? Educational information in your newsletter? Any other public education/outreach?)

Measurable goal for this BMP was met.

Measurable goal for this BMP was not met.

Describe how goal was met; or if not met, give an explanation and proposed corrective actions:

The Borough distributed several articles and posters (copies attached) during the year. A sampling of the articles and their descriptions are as follows:

- 1 – Article titled, "Beach Pollution: The Facts" – June 18, 2012
- 2 – Poster titled, "Please Protect Your Watershed So I Have A Cleaner Place to Live" – June 18, 2012
- 3 – Poster titled, "Watershed Protection: Ten Best Practices to Follow" – November 9, 2012
- 4 – Article titled, "Water Pollution? It's Just Bad Business" – November 9, 2012
- 5 – Articles on Recycling and the Impacts on Stormwater Runoff – Spring 2012, Summer 2012, Winter 2012 (Published under the Brentwood Section of the "In Brentwood Baldwin Whitehall Magazine.")
- 6 – Spring Redd Up Flyer – Spring 2012 (Published Under the Brentwood Section of the "In Brentwood Baldwin Whitehall Magazine")

Is this BMP appropriate to meet your identified measurable goal? Yes No. If No, please provide additional information on other BMP(s) that would meet the goal.

MCM#1 (continued)

9. MS4s USING OWN PROTOCOL FOR THIS MCM

If you are implementing your own protocol, approved by the Department, describe the current status of this Minimum Control Measure. In the boxes below list all BMPs and measurable goals you identified on your NOI or application approved by DEP. If the goals were met, describe how they were met. If they were not met, describe the current status of each and when/how they will be met.

Goal #1

List/Describe BMPs and measurable goal (Approved by DEP):

Describe how measurable goal was met:

If not met, describe reason(s), current status, plans and schedule for meeting the goal:

Goal #2

List/Describe BMPs and measurable goal (Approved by DEP):

Describe how measurable goal was met:

If not met, describe reason(s), current status, plans and schedule for meeting the goal:

Goal #3

List/Describe BMPs and measurable goal (Approved by DEP):

Describe how measurable goal was met:

If not met, describe reason(s), current status, plans and schedule for meeting the goal:

MCM#2 - PUBLIC INVOLVEMENT/PARTICIPATION — MINIMUM CONTROL MEASURE

10A. MS4s USING DEP PROTOCOL for this MCM

BMP: Update your Public Involvement and Participation Plan (PIPP). (Have you reviewed your PIPP for accuracy and content and made any relevant changes? If so, include/attach your revised PIPP.)

Measurable goal for this BMP was met. Measurable goal for this BMP was not met.

Describe how goal was met; or if not met, give an explanation and proposed corrective actions: The Borough continued to implement its Public Involvement and Participation Plan to its target audience of residents, students, and businesses. Public involvement efforts are supplemented by activities of the Streets Run Watershed Association. The Borough is also a member of Economic Development South, a non-profit community development corporation. EDS has an environmental committee, consisting of volunteers, where lot reclamation and general greening projects are being planned. EDS is currently working with The Penn State Center on developing a demonstration bioswale to demonstrate how different vegetation can help mitigate stormwater.

Is this BMP appropriate to meet your identified measurable goal? Yes No. If No, please provide additional information on other BMP(s) that would meet the goal.

10B. BMP: Notify and solicit public input/involvement regarding implementation of your Storm Water Management Program. (How and when did you solicit public input/involvement? What were the results/accomplishments during the past permit year?)

Measurable goal for this BMP was met. Measurable goal for this BMP was not met.

Describe how goal was met; or if not met, give an explanation and proposed corrective actions: On March 21, 2012, the Pennsylvania Resources Council held a webinar on Brentwood Borough's recycling program. The webinar was geared towards municipal officials who could adopt similar practices into their communities recycling programs. Brentwood Borough, in conjunction with Citizens Against Litter held a Redd Up Day on April 21, 2012 and a fall Redd Up event was held on October 20, 2012. At these events volunteers picked up litter and residents were able to shred unwanted papers, recycle electronic waste, and drop off hard-to-dispose of items. On July 17, 2012, residents had the opportunity to attend a 'Healthy Body, Healthy Home, Healthy Planet Workshop' at the Castle Shannon Library where participants learned about the consequences of everyday toxins on the environment and how to make homemade cleaning and personal care products. On July 24, 2012 residents had the opportunity to attend a Rain Barrel Workshop at the Whitehall Library, an event organized by the Pennsylvania Resources Council, the Whitehall Public Library and Streets Run Watershed Association.

Brentwood residents had the opportunity to participate in Hard to Recycle collection events on April 21st, June 23rd, and September 29th at South Park, the Mall at Robinson, and the Galleria at Pittsburgh Mills. Brentwood residents also had the opportunity to participate in household chemical and pharmaceutical collection events in 2012:

April 28, 2012

Collection Type: Pharmaceutical

Locations: Mt. Lebanon, Munhall, Mall at Robinson, and Green Tree

September 15, 2012

Collection Type: Household Chemicals

Location: Allegheny County, South Wave Pool Parking Lot

September 29, 2012

Collection Type: Pharmaceutical

Locations: Mt. Lebanon, Munhall, Mall at Robinson, and Green Tree

Is this BMP appropriate to meet your identified measurable goal? Yes No. If No, please provide additional information on other BMP(s) that would meet the goal.

MCM#2 (continued)

11. MS4s USING OWN PROTOCOL FOR THIS MCM

If you are implementing your own protocol, approved by the Department, describe the current status of this Minimum Control Measure. In the boxes below list all BMPs and measurable goals you identified on your NOI or application approved by DEP. If the goals were met, describe how they were met. If they were not met, describe the current status of each and when/how they will be met.

Goal #1

List/Describe BMPs and measurable goal (Approved by DEP):

Describe how measurable goal was met:

If not met, describe reason(s), current status, plans and schedule for meeting the goal:

Goal #2

List/Describe BMPs and measurable goal (Approved by DEP):

Describe how measurable goal was met:

If not met, describe reason(s), current status, plans and schedule for meeting the goal:

Goal #3

List/Describe BMPs and measurable goal (Approved by DEP):

Describe how measurable goal was met:

If not met, describe reason(s), current status, plans and schedule for meeting the goal:

MCM#3 - ILLICIT DISCHARGE DETECTION AND ELIMINATION (IDD&E) — MINIMUM CONTROL MEASURE

12A. MS4s USING DEP PROTOCOL for this MCM

BMP: Map all outfalls and receiving water-bodies. (Is your map up-to-date and accurate? Have you mapped additional features that can assist your outfall screening program, such as inlets, piping and outfall drainage areas? If updated, please submit)

Measurable goal for this BMP was met. Measurable goal for this BMP was not met.

Describe how goal was met; or if not met, give an explanation and proposed corrective actions: All of the MS-4 outfalls were mapped in year one and updated in 2007, with a paper copy of the mapping submitted to DEP in March 2004 and an updated map submitted with the June 2008 report. The structures mapped include inlets, manholes, endwalls, headwalls, outfalls and storm pipes. In 2010, the mapping was enhanced with connectivity and mapping grade structure locations. Brentwood continues to rely on this GIS mapping to manage and inspect its stormwater facilities.

Is this BMP appropriate to meet your identified measurable goal? Yes No. If No, please provide additional information on other BMP(s) that would meet the goal.

12B. BMP Implement and enforce ordinance to satisfy this Minimum Control Measure. (How was ordinance implemented and enforced during the past permit year in order to meet the goals of this MCM?)

Measurable goal for this BMP was met. Measurable goal for this BMP was not met.

Describe how goal was met; or if not met, give an explanation and proposed corrective actions: As DEP has directed the Borough to adopt the DEP model ordinance, the Borough has started the review process to potentially enact the ordinance.

Is this BMP appropriate to meet your identified measurable goal? Yes No. If No, please provide additional information on other BMP(s) that would meet the goal.

12C. BMP: Distribute IDD&E specific educational material. (What educational material was distributed to public employees, businesses and the general public concerning the hazards associated with illegal discharges and improper disposal of waste? Who received it? When?)

Measurable goal for this BMP was met. Measurable goal for this BMP was not met.

Describe how goal was met; or if not met, give an explanation and proposed corrective actions: Public discussions on stormwater issues occur at Council meetings in conjunction with the distribution of relevant articles to officials. Articles are placed in the Borough building for pickup for any interested resident. Articles are placed in the quarterly "In Brentwood Baldwin Whitehall" magazine and information on stormwater awareness is posted on the Borough web-site as part of its Go Green campaign. Specifically the poster and article titled "Watershed Protection: Ten Best Practices to Follow" and "Water Pollution? It's Just Bad Business" address ways that individuals can assist with illicit discharge prevention.

Is this BMP appropriate to meet your identified measurable goal? Yes No. If No, please provide additional information on other BMP(s) that would meet the goal.

MCM#3 (continued)

12D. **BMP: Establish priority areas, conduct screening/sampling and take appropriate actions as needed.**
(Describe how the priority area was established and which outfalls were selected for screening during the past permit year. Summarize the results of your outfall screening/sampling. Include properly completed illicit discharge field screening form for any problem outfall. Include the illicit discharge quarterly summary report form. Describe the corrective actions taken to eliminate any illicit discharges or connections.)

Number of outfalls in system: 27

Number of outfalls screened during the past permit year: 2

Number of screenings conducted during the past permit year: 4

Number of outfalls/screenings with dry weather flow during the past permit year: 3

Number of dry weather flows sampled during the past permit year: 0

Number of outfalls determined to have an illicit discharge or connection during past permit year: 0

Measurable goal for this BMP was met. Measurable goal for this BMP was not met.

Describe how goal was met; or if not met, give an explanation and proposed corrective actions: Both priority outfalls were screened twice. Non-priority outfalls were screened in previous years.

Is this BMP appropriate to meet your identified measurable goal? Yes No. If No, please provide additional information on other BMP(s) that would meet the goal.

MCM#3 (continued)

13. MS4s USING OWN PROTOCOL FOR THIS MCM

If you are implementing your own protocol, approved by the Department, describe the current status of this Minimum Control Measure. In the boxes below list all BMPs and measurable goals you identified on your NOI or application approved by DEP. If the goals were met, describe how they were met. If they were not met, describe the current status of each and when/how they will be met.

Goal #1

List/Describe BMPs and measurable goal (Approved by DEP):

Describe how measurable goal was met:

If not met, describe reason(s), current status, plans and schedule for meeting the goal:

Goal #2

List/Describe BMPs and measurable goal (Approved by DEP):

Describe how measurable goal was met:

If not met, describe reason(s), current status, plans and schedule for meeting the goal:

Goal #3

List/Describe BMPs and measurable goal (Approved by DEP):

Describe how measurable goal was met:

If not met, describe reason(s), current status, plans and schedule for meeting the goal:

MCM#4 - CONSTRUCTION SITE STORM WATER RUNOFF CONTROL — MINIMUM CONTROL MEASURE

14A. MS4s USING DEP PROTOCOL for this MCM

BMP: Implement and enforce ordinance to satisfy this Minimum Control Measure. (How was ordinance implemented and enforced during the past permit year in order to meet the goals of this MCM?).

Measurable goal for this BMP was met. Measurable goal for this BMP was not met.

Describe how goal was met; or if not met, give an explanation and proposed corrective actions: As DEP has directed the Borough to adopt the DEP model ordinance, the Borough has started the review process to potentially enact the ordinance.

Is this BMP appropriate to meet your identified measurable goal? Yes No. If No, please provide additional information on other BMP(s) that would meet the goal.

14B. BMP: Implement procedures for the review and enforcement of Erosion and Sediment (E&S) Control Plans.

(Who reviewed E&S Control Plans during the past permit year? Did the MS4 permittee conduct any E&S site inspections? Briefly describe any enforcement activities undertaken by the MS4 permittee.)

Measurable goal for this BMP was met. Measurable goal for this BMP was not met.

Describe how goal was met; or if not met, give an explanation and proposed corrective actions: The Allegheny County Conservation District is the primary reviewer and enforcer of E&S controls in Brentwood. The Borough Engineer also reviews the E&S plans and Borough inspectors look out for any earth disturbances and related E&S controls throughout the Borough to enforce E&S requirements. In 2012, however, there were no new developments that required E&S plans.

Is this BMP appropriate to meet your identified measurable goal? Yes No. If No, please provide additional information on other BMP(s) that would meet the goal.

14C. BMP: Provide education and outreach for developers and builders. (What educational/outreach materials were distributed to developers/builders during the past permit year?)

Measurable goal for this BMP was met. Measurable goal for this BMP was not met.

Describe how goal was met; or if not met, give an explanation and proposed corrective actions: The Borough distributes the PADEP's "Don't Let Stormwater Run Off With Your Time and Money" pamphlet with building permits. Although there are almost no sites being developed, operators were welcomed to attend monthly Council meetings where Stormwater Phase II issues are discussed and information is provided.

Is this BMP appropriate to meet your identified measurable goal? Yes No. If No, please provide additional information on other BMP(s) that would meet the goal.

MCM#4 (continued)

14D. **BMP: Require construction site operators to control waste at the construction site.** (What was done in the past permit year to require construction site operators to control wastes such as discarded building materials, concrete truck washout, chemicals, litter, and sanitary wastes?)

Measurable goal for this BMP was met. Measurable goal for this BMP was not met.

Describe how goal was met; or if not met, give an explanation and proposed corrective actions: For all construction projects, the Borough requires that contractors and sub-contractors haul all trash, discarded building materials and other items to a DEP approved site outside the Borough.

Is this BMP appropriate to meet your identified measurable goal? Yes No. If No, please provide additional information on other BMP(s) that would meet the goal.

14E. **BMP: Implement procedures for the receipt and consideration of information submitted by the public.** (Summarize any information or complaints received from the public during the past permit year concerning construction site storm water runoff. Briefly describe how you responded to any such information/complaints?)

Measurable goal for this BMP was met. Measurable goal for this BMP was not met.

Describe how goal was met; or if not met, give an explanation and proposed corrective actions: The Borough did not receive any complaints or concerns during the past permit year. However, if any complaints were brought to the Borough's attention, they would be immediately investigated by the Borough Manager. Pending investigation, if the complaint was warranted regarding an illicit discharge, the Borough would follow up with an action plan to correct the situation.

Is this BMP appropriate to meet your identified measurable goal? Yes No. If No, please provide additional information on other BMP(s) that would meet the goal.

MCM#4 (continued)

15. MS4s USING OWN PROTOCOL FOR THIS MCM

If you are implementing your own protocol, approved by the Department, describe the current status of this Minimum Control Measure. In the boxes below list all BMPs and measurable goals you identified on your NOI or application approved by DEP. If the goals were met, describe how they were met. If they were not met, describe the current status of each and when/how they will be met.

Goal #1

List/Describe BMPs and measurable goal (Approved by DEP):

Describe how measurable goal was met:

If not met, describe reason(s), current status, plans and schedule for meeting the goal:

Goal #2

List/Describe BMPs and measurable goal (Approved by DEP):

Describe how measurable goal was met:

If not met, describe reason(s), current status, plans and schedule for meeting the goal:

Goal #3

List/Describe BMPs and measurable goal (Approved by DEP):

Describe how measurable goal was met:

If not met, describe reason(s), current status, plans and schedule for meeting the goal:

MCM#5 - POST-CONSTRUCTION STORM WATER MANAGEMENT IN NEW DEVELOPMENT AND REDEVELOPMENT — MINIMUM CONTROL MEASURE

16A. **MS4s USING DEP *PROTOCOL* for this MCM**

BMP: Implement and enforce ordinance to satisfy this Minimum Control Measure. (How was ordinance implemented and enforced during the past permit year in order to meet the goals of this MCM?)

- Measurable goal for this BMP was met. Measurable goal for this BMP was not met.

Describe how goal was met; or if not met, give an explanation and proposed corrective actions: As DEP has directed the Borough to adopt the DEP model ordinance, the Borough has started the review process to potentially enact the ordinance.

Is this BMP appropriate to meet your identified measurable goal? Yes No. If No, please provide additional information on other BMP(s) that would meet the goal.

16B. **BMP: Ensure that all Post-Construction Storm Water Management (PCSWM) BMPs in new or re-development areas are built as designed, and operated and maintained properly.** (Summarize how the MS4 permittee accomplished this during the past permit year. Include a list of all applicable PCSWM BMPs.)

- Measurable goal for this BMP was met. Measurable goal for this BMP was not met.

Describe how goal was met; or if not met, give an explanation and proposed corrective actions: Brentwood Borough requires that a maintenance plan be submitted as part of all development plans. There were no new development plans in 2012.

Is this BMP appropriate to meet your identified measurable goal? Yes No. If No, please provide additional information on other BMP(s) that would meet the goal.

MCM#5 (continued)

17. MS4s USING OWN PROTOCOL FOR THIS MCM

If you are implementing your own protocol, approved by the Department, describe the current status of this Minimum Control Measure. In the boxes below list all BMPs and measurable goals you identified on your NOI or application approved by DEP. If the goals were met, describe how they were met. If they were not met, describe the current status of each and when/how they will be met.

Goal #1

List/Describe BMPs and measurable goal (Approved by DEP):

Describe how measurable goal was met:

If not met, describe reason(s), current status, plans and schedule for meeting the goal:

Goal #2

List/Describe BMPs and measurable goal (Approved by DEP):

Describe how measurable goal was met:

If not met, describe reason(s), current status, plans and schedule for meeting the goal:

Goal #3

List/Describe BMPs and measurable goal (Approved by DEP):

Describe how measurable goal was met:

If not met, describe reason(s), current status, plans and schedule for meeting the goal:

**MCM#6 - POLLUTION PREVENTION/GOOD HOUSEKEEPING FOR MUNICIPAL OPERATIONS —
MINIMUM CONTROL MEASURE**

18A. MS4s USING DEP *PROTOCOL* for this MCM

BMP: Implement an operation, maintenance, inspection and repair program for all municipally owned storm water facilities. (Describe how your program was implemented during the past permit year. Include your written Operation & Maintenance (O&M) plan, if not previously submitted.)

Measurable goal for this BMP was met.

Measurable goal for this BMP was not met.

Describe how goal was met; or if not met, give an explanation and proposed corrective actions: The Borough inspects its stormwater structures on an annual basis. Maintenance is conducted on an as-needed basis. Catch basin cleaning is performed on an as-needed basis. Some catch basins require cleaning more frequently, while others do not require frequent cleaning.

Is this BMP appropriate to meet your identified measurable goal? Yes No. If No, please provide additional information on other BMP(s) that would meet the goal.

18B. BMP: Implement a pollution prevention/operation and maintenance program for all municipal vehicle/equipment operation, maintenance, fueling, and washing activities. (Describe how your program was implemented during the past permit year. Include your written pollution prevention/O&M plan, if not previously submitted.)

Measurable goal for this BMP was met.

Measurable goal for this BMP was not met.

Describe how goal was met; or if not met, give an explanation and proposed corrective actions: The Borough continues to implement procedures from its good housekeeping program. Salt trucks are equipped with an adjustable spreader. The Borough does not have vehicle fueling facilities nor does it repair or maintain vehicles. Commercial facilities are used to fuel, maintain and repair all vehicles. The garage facilities are used for washing activities.

Is this BMP appropriate to meet your identified measurable goal? Yes No. If No, please provide additional information on other BMP(s) that would meet the goal.

18C. **BMP: Conduct BMP 18A and 18B training for appropriate municipal employees.** (Who was trained? When was the training conducted? What was the subject matter?)

Measurable goal for this BMP was met.

Measurable goal for this BMP was not met.

Describe how goal was met; or if not met, give an explanation and proposed corrective actions: The Borough Engineer has reviewed basic procedures with the public works supervisor and crews regarding impacts of stormwater runoff. On October 23, 2012, three members of the Borough's Public Works Department attended a training on the MS-4 permit requirements. This seminar was conducted by staff from the Borough's Consultant, The Gateway Engineers, Inc. The training included explanations of Total Maximum Daily Loads (TMDL's) and compliance guidelines for the six minimum control measures of the MS-4 permit. This included best practices for proper outfall screening, minimizing construction site stormwater runoff, inspection and maintenance of post-construction stormwater BMP's, and reducing pollution in typical public works activities such as vehicle refueling, maintenance and washing, salt storage, and street sweeping.

Is this BMP appropriate to meet your identified measurable goal? Yes No. If No, please provide additional information on other BMP(s) that would meet the goal.

MCM#6 (continued)

19. **MS4s USING OWN PROTOCOL FOR THIS MCM**

If you are implementing your own protocol approved by the Department, describe the current status of this Minimum Control Measure. In the boxes below list all BMPs and measurable goals you identified on your NOI or application approved by DEP. If the goals were met, describe how they were met. If they were not met, describe the current status of each and when/how they will be met.

Goal #1

List/Describe BMPs and measurable goal (Approved by DEP):

Describe how measurable goal was met:

If not met, describe reason(s), current status, plans and schedule for meeting the goal:

Goal #2

List/Describe BMPs and measurable goal (Approved by DEP):

Describe how measurable goal was met:

If not met, describe reason(s), current status, plans and schedule for meeting the goal:

Goal #3

List/Describe BMPs and measurable goal (Approved by DEP):

Describe how measurable goal was met:

If not met, describe reason(s), current status, plans and schedule for meeting the goal:

SECTION III – CERTIFICATION

CERTIFICATION STATEMENT

I certify under penalty of law that the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

George Zboyovksy, P.E., Borough Manager

Name and official title

George Zboyovksy

Signature

6/6/13

Date

Sworn and subscribed to before me, this 6 day of June, 2013

Rosemarie Griffin

Notary Public

My commission expires 8/29/13

(Notary Public Seal and Stamp)

COMMONWEALTH OF PENNSYLVANIA
Notarial Seal
Rosemarie Griffin, Notary Public
Green Tree Boro, Allegheny County
My Commission Expires Aug. 29, 2013
Member, Pennsylvania Association of Notaries

**Robert Mackewich
Public Works
Supervisor
reports:**

Now that spring is here it is a good time to consider a few things. How can I reduce trash or yard waste, or can I do anything to help other communities by reducing storm runoff? The answers are simple and easy.

Most residents have only one recycling bin (the Borough has 18 gallon bins for \$9.00 or 35 gallon cans for \$16.00 which are sold at cost) and you may buy an extra container and have it clearly marked "recycle." Blue is the universal color for recycling and it is a lot easier for Allied Waste to spot recycling material when it is in a blue container. I keep one of my bins outside for cans, glass bottles, and plastics and my second bin is in my basement for all papers and cardboards.

1) Save a cardboard box and any "junk" mail you receive and put it in the box, along with your newspaper. Have you considered receiving your newspaper through the internet?
2) How about the recent purchase you made (toys, new TV, home decorations, a faucet?) Don't put the box in the garbage; put it in your recycling bin.

Brentwood Borough is again in the South Hills Recycling contest. The following is the final result for 2011.

Now everybody knows we pay to either recycle or throw away trash. We now have a recycle bin for paper at the Borough Building located in the rear in which we will be reimbursed for every ton of paper we recycle. All residents are encouraged to use it. If you choose to drop off at the Paper

**Briefly Brentwood
Borough News**



Bin in the rear of the building the restriction is as follows: 1) only newspaper, magazines, catalogs, office or school paper, paperback books, mail, or shredded paper in plastic bags. 2) No cardboard, food boxes, text books or hard cover books, or phone books. These items will go in the regular recycle bins.

To reduce yard waste consider starting a compost pile; it will reduce the overall cost of garbage fees since we pay a tonnage rate. To comply with DEP and to receive credit for recycling, the Borough will have a roll off for yard waste located on East Willock Road opened once a month from May to September. The hours will be from 8 a.m. to noon. Any yard waste may be brought to the yard and put into the roll off. No garbage or concrete will be accepted. Yard waste consists of grass clippings, leaf waste, tree branches, or any type of vegetation.

Storm runoff is a hot topic because communities in the lower sections of the basins do get flooded in rain events. We are asked to slow down or store runoff if possible. A rain barrel or rain garden helps. A simple barrel connected to a downspout with a hose bib works great and water stored can be used for flower or vegetable gardens. A rain garden takes a bit more work but if you visit www.raingardennetwork.com the site will walk you through the process. Not only will you regenerate ground water you will also have a flower garden which does not need watering (once established). One of the criteria is to make sure it is about 10 feet from your house to keep the water from entering your basement walls.

JOB OPPORTUNITIES

**BOROUGH OF BRENTWOOD
EQUAL OPPORTUNITY EMPLOYER**

PUBLIC WORKS SUMMER HELP

Applications are being accepted by the Borough of Brentwood for Seasonal Public Works Employees for the 2012 Summer Season. This person will assist the full-time Public Works staff in performing and operating a variety of equipment in the construction, operation, repair, and maintenance of Borough facilities. This position is non-exempt under the FLSA.

Applicants must have a high school diploma or equivalent, enrolled in college degree program or equivalent, or enlisted to join the military. Experience in maintenance operations preferred. Applicant must be at least 18 years of age at the time of employment.

Applicant must have a valid PA Driver's license, or ability to obtain one prior to employment.

The job will require mowing grass, trimming shrubs, shoveling asphalt, installing signs, painting and general labor work. The applicant is required to wear steel-toed shoes. Preference will be given to Borough residents.

Applications are being accepted until positions are filled, at the Brentwood Municipal Building Administrative Office, 3624 Brownsville Road, Pittsburgh, PA 15227.

SUMMER PUBLIC WORKS TECHNICIAN INTERN

Applications are being accepted by the Borough of Brentwood for the position of Summer Public Works Technician Intern for the 2012 Summer Season. Applicants must be at least 18 years of age and enrolled full-time in college, trade school or must submit letter of admission to military service. Applicant must have a valid PA driver's license.

Applicant must have knowledge of database and telecommunication systems; knowledge and ability to operate a personal computer, including word processing and spreadsheet software; phone; copy machine and fax machine.

Applicant must have the ability to enter data accurately; ability to establish effective working relationships with employees and supervisors; ability to work efficiently; ability to meet project deadlines; ability to perform work requiring good physical condition; ability to communicate effectively orally and in writing; ability to establish and maintain effective working relationships with subordinates, peers and supervisors; ability to exercise sound judgment in evaluating situations and in making decisions; ability to follow verbal and written instructions.

While undertaking the essential duties and responsibilities of the position, the applicant must repeatedly sit, speak, hear, listen and detect sounds, and use arms and hands to grip, hold, reach, or manipulate tools and equipment. The applicant is periodically required to walk.

Hours are Monday through Friday 7 a.m. to 3:30 p.m. Preference will be given to Borough residents.

Applications are being accepted until the position is filled at the Brentwood Municipal Building Administrative Office, Attention: Dawn Lane, 3624 Brownsville Road, Pittsburgh, PA 15227. Applications also available on the Borough website: www.brentwoodboro.com.

TO ALL BRENTWOOD SCHOOLS AND BRENTWOOD

SPRING REDD UP DAY IS SATURDAY APRIL 21, 2012!

*Spread the news and let's
"Redd Up Brentwood!"*

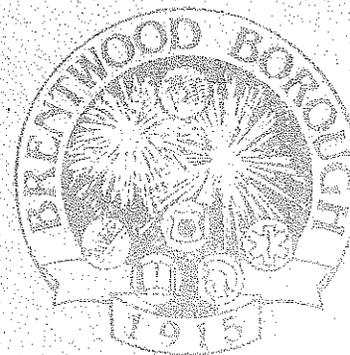
Brentwood Borough, in conjunction with Citizens Against Litter and the Brentwood Business Owners Association, has scheduled the Spring Redd Up Day for Saturday, April 21, 2012, from 8 a.m. to 2 p.m. Brentwood is one of over 250 neighborhoods and groups participating in the event. There will be four ways to participate:

1. Volunteer and earn four community service hours! – We are asking for volunteers to assist us by picking up litter from our streets, parks, and other "Garbagevilles" throughout the Borough. Volunteers will be able to earn four community service hours for participating in the event. Volunteers will meet at the Brentwood Library Community Room. For additional information or to register for this activity, please contact Cathy Trexler at 412.885.4350.
2. SHRED-IT! – Dispose of your old tax returns, and securely destroy your confidential documents with the Shred-It document destruction service courtesy of the Brentwood Business Owners Association.
3. E-Cycle your e-waste! – Goodwill Industries will be on hand from 8 a.m. to 2 p.m. to collect your unwanted computers, monitors, printers, fax machines, digital cameras, chargers, adapters, microwaves, and other electronics on Park Drive in Brentwood Park. All hard drives and data are destroyed to Department of Defense standards. Goodwill reuses and recycles your donations to help improve job and educational skills, careers, and lives.
4. Drop off your hard-to-dispose-of items! – Dumpsters will be available at the Brentwood Park parking lot from 8 a.m. to 2 p.m. to drop off the following items:
 - Tires (no rims)
 - Large brush/clippings 4 inches or less (no logs)
 - Scrap metal and aluminum
 - Construction materials including larger items
 - Old gas grills, lawn mowers (gasoline and oil must be removed)
 - Refrigerators and air conditioners (Freon must be removed and item properly tagged)

Note: No hazardous waste will be accepted (paint, varnish, motor oil, batteries, car parts, etc.)

(Proof of residency is required.)

FROM THE DESK OF
**Robert
Mackewich**
Public
Works
Supervisor
reports:



Do you know?

Do you know? Residents often ask questions pertaining to Borough Regulations or Policies. I have found that once residents are aware of procedures they usually come back with the explanation of "Oh, I didn't know." So, I would like to take this time to inform our residents on new and past practices.

- The Covered Device Recycling Act (Act 108) prohibits disposing of DESKTOP COMPUTERS, LAPTOP COMPUTERS, COMPUTER MONITORS, COMPUTER PERIPHERALS AND TELEVISIONS INTO OUR LANDFILLS. Allied Waste will not pick these items up starting January 1, 2013. If you buy a new item a lot of stores will pick up the old one, you can drop them off at Goodwill, hold onto them until our spring clean up event, or surf the web to find local recyclers.
- Residents are not allowed to sweep leaves into the street. Mulch them and spread them around in the gardens; it's like free fertilizer. Tree branches should be trimmed to a height of seven (7) feet above sidewalks and also cut back away from the roadway to a height of 14 feet. Try and identify the tree; one problem we have are mulberry trees which grow quickly and need to be trimmed a few times a year. You may want to eliminate this type of tree.
- Our storm inlets are not made for trash or leaves. Our MS4 Permit requires us to eliminate these items from the watersheds.
- To reduce sanitary overloads and flooding consider installing a Rain Garden. Do some web surfing because there are plenty of sites to help you plan what to plant and easy installation of a Rain Garden. You may have less grass to cut.
- Do not shovel snow into the street. I am proud of our Public Works crew who is on call 24/7 to remove the snow from the streets. Imagine trying to drive around the streets when cars are parked in the fire lanes or cars are parked within 20 feet of an intersection (State Code: no vehicles may park 20 feet from an intersection or 30 feet from a stop sign). Again, once we plow and salt the streets we take care of the Borough walkways and Borough steps; then we will plow back the streets for future snow. The fewer vehicles on the street the better the results will be. Please use your driveways and garages.
- If you have a sewer back-up we will check the main to see where the problem may be, call 412.884.1500 ext. 113 during work hours 7 a.m. to 3:30 p.m. or call 911, explain your problem and we will be contacted.
- Please leave a detailed message with your name, address and phone number when you contact the public works, so we may look into the situation.
- Recycle. Recycle. It's the right thing to do and also required for residents and businesses.



Reminder: Christmas Tree Removal

After enjoying the Christmas Holidays and you are ready to dispose of your Christmas tree, please place it out for pickup after 5 p.m., within 5' of the curb on the day prior to your weekly trash pickup. The Borough Public Works Department employees will NOT remove any Christmas trees. For tree removal contact Allied Waste Services at 1.877.788.9400. Thank you for your cooperation!



Developing the World's Sustainable Future

Pennsylvania's waste industry advises customers to get ready for new law mandating recycling of 'e-waste'

This year marks the beginning of a new era in the rules that apply to the disposal of electronic devices in Pennsylvania.

"We are taking the first steps into a new era of responsibility," said Tim O'Donnell, president of the Pennsylvania Waste Industries Association (PWIA).

Under a new state law that takes effect this year, manufacturers that sell electronics in Pennsylvania must establish e-waste recycling programs at no cost to consumers. In addition, retailers are now required to carry only brands that have registered with the state Department of Environmental Protection (DEP).

The law—officially called the Covered Device Recycling Act of 2010—applies to desktop and laptop computers, computer monitors, computer peripherals, and television sets.

O'Donnell said the law will fully take effect in January 2013 when the disposal of these electronic devices in landfills and incinerators will no longer be allowed.

At that point, only DEP-certified recyclers will be allowed to handle the disposal of the electronic devices affected by the law.

"That's when we will see the greatest impact on consumers," he said. "Municipal waste trucks will no longer be collecting these devices for disposal at landfills, so our customers need to get ready for this change. You won't be able to put old computers or TV sets or computer peripherals at the curb to be taken to the landfill or the incinerator, nor will they be permitted to be mixed in with regular household recycling."

The reason for the law, according to DEP, is that "electronic equipment contains metals that, if not properly managed or contained, can become hazardous wastes," such as cadmium, lead, and mercury.

Consumers should visit the DEP website at www.portal.state.pa.us/portal/server.pt/community/electronicrecyclingmanagement%20program/20342/electronics%20recycling%20programs/980755 for information on where to find retailer, manufacturer, county, and other e-waste drop-off sites and collection programs. Consumers also should check with the municipality where they live to find out if there is a special collection program for electronics.

"We have the rest of this year to get ready, and our member companies want to get the message out to their municipal trash-collection customers so they understand what's coming and are aware that e-waste soon will be banned from landfills and will have to be recycled through an approved program," O'Donnell said.

O'Donnell promised that Pennsylvania's waste industry—of which recycling is a large and important segment—is ready to do its part to work with DEP to make sure the transition goes smoothly.

PWIA represents private-sector waste haulers, recyclers, and landfill operators and is the Pennsylvania state chapter of the National Solid Wastes Management Association.

For general information about the new law, go to the DEP website at <http://www.depweb.state.pa.us/portal/server.pt/community/electronicrecyclingmanagementprogram/20342>.

For more information about PWIA visit the PWIA website at www.pawasteindustries.org.



October 12, 2012

Dear Residential Customer:

RE: Electronic Waste Recycling Program

Allied Waste Services/Republic Services remains dedicated to preserving the environment while providing the most cost-effective programs for solid waste collection and disposal. Very few companies can equal the operational capabilities, financial stability, capital resources, broad experience, and proven skill that Allied Waste Services/Republic brings to the area municipalities and business communities.

The State of Pennsylvania recently passed new laws and regulations that heighten the State's and Landfill industry's enthusiasm to protecting the environment. This new legislation has come about in several phases-in periods over the past two years. In January 2013 the final segment will come into Law – banning Electronic Waste (E-Waste) for being disposed of in municipal landfills.

As a result Allied/Republic will no longer be collecting the banned materials from your residents effective January 1, 2013.

The state of Pennsylvania has developed many excellent programs throughout the state to gather and process the banned E-Waste. The State has spent a significant amount of time developing the Web-Site and related materials. I would encourage you to review the attached documents and visit the Web-Site available and if necessary contact the PA DEP for additional information if necessary.

I am available to answer any questions you may have. Please contact me by e-mail at jmcgoran@republicservices.com or by phone at 724.695.4414.

Sincerely,
John McGoran – Municipal Marketing Manager



(Formerly Allied Waste Services)

2013 BRENTWOOD BOROUGH RECYCLING SCHEDULE

Recycles Collected Every Other Week can be mixed in bin: cleaned glass jars/bottles, aluminum & tin cans, plastics (1 thru 7), magazines, catalogs, phonebooks, junkmail, envelopes, all color office paper, paper grocery bags, chipboard food boxes, newspapers & inserts, flattened-cardboard boxes in 3-ft sections. Recycle Bins are available at the Brentwood Boro office @ 412-884-1500.

RECYCLES COLLECTED EVERY OTHER WEEK SAME DAY AS TRASH WHEN SHADED.

January

SUN	MON	TUE	WED	THU	FRI	SAT
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
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27	28	29	30	31		

February

SUN	MON	TUE	WED	THU	FRI	SAT
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March

SUN	MON	TUE	WED	THU	FRI	SAT
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31						

April

SUN	MON	TUE	WED	THU	FRI	SAT
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June

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July

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21	22	23	24	25	26	27
28	29	30	31			

August

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September

SUN	MON	TUE	WED	THU	FRI	SAT
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October

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November

SUN	MON	TUE	WED	THU	FRI	SAT
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December

SUN	MON	TUE	WED	THU	FRI	SAT
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22	23	24	25	26	27	28
29	30	31				

Please follow the Republic Waste Services Holiday Schedule below:

New Year's Day 2013

We are closed Tuesday, January 1, 2013. If your collection is Tuesday or later, residential trash and recycling collection will resume on Wednesday and we will operate on a one day delay for the remainder of the week.

Memorial Day 2013

We are closed on Monday, May 27, 2013. All residential trash and recycling collection will resume on Tuesday and we will operate on a one day delay for the remainder of the week.

Independence Day 2013

We are closed on Thursday, July 4, 2013. If your collection is Thursday or later, residential trash and recycling collection will resume on Friday and we will operate on a one day delay for the remainder of the week.

Labor Day 2013

We are closed on Monday, September 2, 2013. All residential trash and recycling collection will resume on Tuesday and we will operate on a one day delay for the remainder of the week.

Thanksgiving Day 2013

We will be closed on Thursday, November 28, 2013. If your collection is Thursday, it will be on Friday and if your collection is on Friday, it will be on Saturday.

Christmas Day 2013

We are closed on Wednesday, December 25, 2013. If your collection is Wednesday or later, residential trash and recycling collection will resume on Thursday and we will operate on a one day delay for the remainder of the week.

SERVICE DELAYS ARE FOR THE HOLIDAY WEEK ONLY. REGULAR SERVICE STARTS THE FOLLOWING WEEK.

Call Republic Services at 1(877)788-9400 about trash/recycle/leaf collection.

RECYCLES MUST BE IN RECYCLE BINS and LEAVES MUST BE IN THE BIODEGRADABLE BAGS

HOLIDAYS OUTLINED IN BOLD BOX WILL DELAY YOUR PICKUP 1 DAY IF IT IS ON OR BEFORE YOUR PICKUP DAY: (New Years Day, Memorial Day, 4th of July, Labor Day, Thanksgiving, Christmas Day (for this year))



pennsylvania

DEPARTMENT OF ENVIRONMENTAL PROTECTION

RECYCLING OF COMPUTERS, COMPUTER MONITORS, TELEVISIONS AND OTHER ELECTRONIC DEVICES

Because of technological advances that have turned every household into an electronics haven, many people are asking how they can recycle or properly dispose of their old or unusable electronic devices.

Many consumer electronic products contain heavy metals such as lead, cadmium and mercury as well as other materials that are better kept out of the environment. In fact, the typical cathode ray tube computer monitor (non-flat screen model) contains four to seven pounds of lead. Televisions, depending on their size, may contain even more lead.

The Covered Device Recycling Act

A new state law was passed in November of 2010, the Covered Device Recycling Act (Act 108 of 2010), or CDRA, which addresses the recycling and disposal of certain "covered" electronic devices in Pennsylvania. **"Covered Devices" include desktop and laptop computers, computer monitors, computer peripherals, and televisions.**

The most notable impacts of the CDRA on Pennsylvania residents will be the establishment of commonwealth-specific manufacturer collection and recycling programs for covered devices and the upcoming disposal ban.

Manufacturer Recycling Programs - Beginning Jan. 1, 2012, manufacturers of covered devices sold or offered for sale in Pennsylvania are required to make collection programs available to Pennsylvania residents for the recycling of their covered devices. Though not required, retailers may also offer collection programs. Both manufacturer and retailer collection programs for covered devices are required to be free of charge, unless a coupon, rebate or other financial incentive of equal or greater value is supplied.

Disposal Ban - Beginning Jan. 24, 2013, landfills and other solid waste disposal facilities in Pennsylvania will no longer be allowed to accept covered devices or their components. The CDRA requires that these devices be recycled from that point forward. The disposal ban may affect the curbside collection of these items by municipal waste pickup programs, unless the program is specific to electronic materials.

(Note: Costs for permanent collection sites and one-day events sponsored by your county or local municipality will continue to be off-set by grants from the Department of Environmental Protection (DEP), if they are not part of a manufacturer program.)

Though these new recycling requirements for computers, monitors and televisions will not take effect until Jan. 1, 2012, DEP urges citizens to know the facts and take steps now to "reduce, reuse and recycle" these and other electronic devices, rather than discard them.

For instance, in the case of computers, DEP strongly recommends that residents:

- **Reduce** the need to purchase a replacement computer by buying one with ample capacity for upgrades, selecting one that offers a buy-back option, or leasing instead of buying.
- **Reuse** a computer, for example, by giving it as a gift for a student graduation or other occasion, by selling it through the want-ads, or by donating it to a school or a nonprofit organization.
- **Recycle** a computer by taking it to a collection location that will send it to an electronics recycler.

FACT SHEET

Why can't I just put my electronic devices out with the trash?

Prior to Jan. 24, 2013, DEP regulations do not prohibit households from setting electronic devices out with regular household trash; and even when the disposal ban goes into effect, it will apply only to desktop and laptop computers, computer monitors, computer peripherals and televisions. However, DEP urges you to do your part for the environment by recycling or reusing as many of your electronic devices as possible in order to limit the number of those items and their hazardous components from entering the environment through landfills and other disposal activities.

If you must discard an electronic device, DEP urges you to check with your municipality or county recycling coordinator to find out about local options for proper disposal. To find information on your county recycling coordinator, visit DEP's website at www.depweb.state.pa.us, Select 'Waste,' 'Recycling,' 'Public Resources,' and then 'County Recycling Coordinators,' or contact the Recycling Hotline at 1-800-346-4242.

Who would want my used computer? It's an old model and it doesn't have many programs.

Remember, "One person's junk is another person's treasure." Because of the advent of computers, most businesses and even high school students don't use typewriters anymore. A friend, your children, a non-profit organization or a school might appreciate having your old computer, even if just for word processing.

Where can I take my electronic devices for recycling?

Many electronic items such as cell phones, computers and televisions can be recycled at local retailers that sell the items. And, beginning Jan. 1, 2012, the CDRA requires that retailers of computers, computer monitors and televisions provide customers with information on how and where to recycle these devices. You can also continue to recycle your electronics at local municipal or county recycling events.

DEP maintains lists of various electronics recycling opportunities and collection locations on its website including county, municipal, non-profit, and retailer and manufacturer sponsored collection programs. To view the current list, visit www.depweb.state.pa.us and select 'Electronics Recycling' from the 'DEP Programs A - Z' menu.

I don't want computers to end up in our landfills. What can I do to help?

Encourage your friends to join you in upgrading their computers when possible or in having their old computers properly recycled. Become aware of those around you who could benefit from the donation of a computer. Ask your municipality to consider sponsoring an annual or semi-annual collection of electronics if they do not already do so, or utilize your municipal electronics collection events or permanent collection sites if they are already established.

DEP offers grants to municipalities of up to 50 percent of the developmental and operational costs associated with an electronics collection.

Where can I get more information?

For more information on the CDRA, visit www.depweb.state.pa.us (select 'Electronics Recycling' from the 'DEP Programs A - Z' menu), contact the **Recycling Hotline** at 1-800-346-4242 or contact:

Pennsylvania Department of Environmental Protection
Bureau of Waste Management
Division of Waste Minimization and Planning
Rachel Carson State Office Building
P.O. Box 8472
Harrisburg, PA 17105-8472
Telephone: 717-787-7382

For more information, visit www.depweb.state.pa.us, keyword: Electronics Recycling.



GATEWAY

On Call. On Time. On Target.

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412.921.9960 FAX

www.gatewayengineers.com

LETTER OF TRANSMITTAL

June 18, 2012
C-40113-2012

George Zboyovsky, P.E.
Borough Manager
Brentwood Borough
3624 Brownsville Road
Pittsburgh, PA 15227-3199

Re: Stormwater Phase II Requirements
Public Outreach & Education

Dear George:

Enclosed you will find the following items we are sending via U.S. Postal Service.

COPIES	DESCRIPTION
5	Poster and Article on Coastal Pollution

Please place copies of the attached article at public locations (Borough building, library etc.) for the public to read. If you would like additional color copies of this item, please let me know.

Electronic files are also available if you would like to place this information on the Borough's website. This will qualify the Borough for the public education and outreach portion of your Phase II Stormwater Permit (MS4).

Sincerely,
THE GATEWAY ENGINEERS, INC.

Ryan R. Berner
Project Manager

cc: Emily J. Gaspich, P.E., Borough Engineer

G:\Projects\40000 Brentwood\40113 Storm water 2\Public Outreach and Education\Quarterly Public Education and Outreach Article and Poster Transmittal 2012-6-18.docx

Beach Pollution: The Facts

The Problem of Beach Pollution

Are you planning a beach vacation this summer? Did you know that daily activities that impact your local streams can also affect your favorite vacation spot? The coastal watershed contains many components, starting at the headwaters of streams in your community, continuing on to our Three Rivers, with the coast line the final drainage point. As local streams and our Three Rivers eventually flow to the ocean, these water bodies pass through a wide range of land uses including farming, housing, urban shopping districts, business parks, and recreational areas. As a result, various substances and debris can be deposited by this flow into coastal waters. Sometimes when water quality is too poor for swimming, local authorities are forced to close beaches.



Threats to Our Beaches

1. Excessive foot traffic can lead to erosion and destruction of vegetation.
2. Marine debris, or trash, can come from beachgoers, improper disposal of items on land, and stormwater runoff.
3. Too much nutrients can cause harmful algal blooms and fish kills. Excessive nutrients can come from sewage treatment plants, boating wastes, industrial discharge, deposition from air, and contaminated runoff.
4. Sewage overflows can release pathogens or disease causing microorganisms. Pathogens can cause a wide range of health problems—from sore throats to meningitis.
5. Excessive sediment from new construction and land development activities can cause water quality problems.

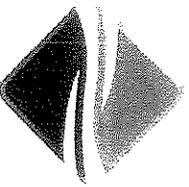
How To Find A Clean Beach

1. The Natural Resources Defense Council conducts an annual survey of water quality and public notification at beaches. The report is online at: <http://www.nrdc.org/water/oceans/ttw/titinx.asp>
2. If possible, choose beaches next to open waters or away from urban areas. They typically pose less of a health risk.
3. If there are pipes along the beach that drain stormwater runoff, do not swim near them.
4. Avoid swimming for at least 24 hours after heavy rains, which can wash pollution into the water.
5. When possible, swim at beaches that research shows has the cleanest water, are carefully monitored, and have strict closure and advisory procedures.



Please protect your watershed so I have a cleaner place to live!

- Pick up litter and properly dispose of trash.
- Properly maintain your boat, use pumpout facilities, and avoid shoreline areas.
- Get involved in volunteer cleanup, monitoring, and environmental protection efforts.



GATEWAY[®]

On Call. On Time. Or Larger.

Source information for this poster provided with permission by the EPA.

Rachelle S. Ogun

From: Rachelle S. Ogun
Sent: Friday, November 09, 2012 10:36 AM
To: George Zboyovsky (gzboyovsky@brentwoodboro.com)
Cc: Emily J. Gaspich
Subject: Stormwater Phase II Public Education and Outreach
Attachments: Watershed Protection Poster.pdf; Water Pollution - Bad Business Article.pdf

Good morning George -

Attached please find an article and poster for public education and outreach for Stormwater Phase II. Please post the articles online on the Borough web-site. Hard copies of these items will be sent under separate cover.

Rachelle

Rachelle S. Ogun

Administrative Assistant
rogun@gatewayengineers.com
P 412.921.4030 x166
F 412.921.9960

The Gateway Engineers, Inc.

A Project-Focused Company
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Watershed Protection Ten Best Practices To Follow

1. Find out if your company has a Pollution Prevention Plan and become informed of its policies.
2. If your business doesn't have a plan, volunteer to help develop and implement one.
3. Where possible, use alternative materials, for cleaning, coating and other production processes.
4. Practice the Three R's—Recycle, Reduce and Reuse.
5. Brighten your office or cube with plants to help absorb indoor pollution.
6. Bring in your own washable mugs and glassware instead of using paper products.
7. Don't dump any pollutants down storm drains while on your facilities premises (or anywhere for that matter!).
8. On a smoke or lunch break? Don't dump cigarette butts or litter onto driveways or parking lots. Dispose of appropriately.
9. Clean up any spills immediately.
10. At the office, try to print and copy double-sided and reuse paper.



Water Pollution? It's Just Bad Business.

No matter where you work, your business is likely having a negative impact on some level on the health of our watershed. Industrial toxins can come from a wide range of sources: vehicles, machinery, cleaning products, garbage, and toxic waste products. The chemicals and toxins released from industrial waste flow into our waterways and also end up in our drinking water. This takes a significant toll on public health, the vitality of habitat for animals, and interferes with recreational opportunities in water bodies that have been contaminated. To combat this problem many businesses choose to implement a Pollution Prevention Plan. The intent of this Plan is to undertake activities that reduce or eliminate chemical contaminants directly at the source. These activities include the efficient use of raw materials, water, and energy, the replacement of harsh chemicals with less toxic substances, and the elimination of toxins from production processes. A Pollution Prevention Plan can help a company reduce illicit discharges to the watershed while lowering operational costs.



Reduce Your Impact While On The Clock!

For Owners and Managers

1. Evaluate your most frequently used chemicals and toxins and develop a plan to reduce their use.
2. Incorporate environmental considerations into the design of products, buildings, and manufacturing systems to improve the efficiency of resources.
3. Think of alternative methods in daily operations and maintenance activities to help eliminate wasteful management practices that increase costs and cause pollution.
4. Re-engineering or re-designing a facility or operation allows it to take advantage of equipment that is cleaner, newer and more efficient.
5. Buying the correct amount of raw materials will decrease the amount of excess materials that are discarded.
6. One company's waste may be another company's gain. Finding alternative markets for your business's waste will generate revenue and most importantly reduce pollution of the watershed.
7. Develop a good leak and spill prevention program.

For Employees and Staff

1. Stay informed about the types of pollution your company generates and find out how to get involved in making your company more environmentally friendly.
2. Follow all instructions pertaining to the storage, use and disposal of toxic materials.
3. Keep facilities clean and sweep up debris.
4. Check dumpsters for leaks and keep them away from storm drains.
5. Ensure that no materials are flowing from your business into nearby storm drains or streams.
6. Use chemicals sparingly and never use more than needed.
7. Never use or store hazardous materials near storm drains or water.
8. Recycling paper and glass saves money and reduces waste.
9. Control runoff from storage and other areas where toxins are present.
10. When possible, cover pollutants stored outdoors to limit their contact with rain.
11. Reducing the amount of water used in cleaning or manufacturing can reduce the amount of wastewater produced.