


Appendix A—References

3 Rivers Wet Weather. Website accessed: November 3, 2010.
http://www.3riverswetweather.org/d_weather/d_overview.stm

Allegheny County Economic Development (ACED). Allegheny County Comprehensive Plan – Allegheny Places. 2008. <http://www.alleghenyplaces.com/plan/index.asp>

Allegheny County Economic Development (ACED). Allegheny County Comprehensive Plan – Allegheny Places. Parks, Open Space, and Greenways Plan. 2008.
<http://www.alleghenyplaces.com/docs/DraftPlan/Chapter4E.pdf>

Allegheny Land Trust. Website last modified November 29, 2009. Website accessed March 15, 2010. <http://www.alleghenylandtrust.org/properties/index.html>

Audubon Society of Western Pennsylvania (ASWP). ASWP Christmas Bird Count. Website accessed March 18, 2010. <http://www.aswp.org/cbc.html#results>

Commonwealth of Pennsylvania. *The Pennsylvania Code*. §93.2. Scope. Fry Communications, Inc. January 9, 2010. Website accessed March 15, 2010.
<http://www.pacode.com/secure/data/025/chapter93/s93.2.html>

Conservation Technology Information center (CTIC). *Groundwater & Surface Water: Understanding the Interaction. A Guide for Watershed Partnerships*. Website accessed March 15, 2010. <http://www.ctic.purdue.edu/KYW/Brochures/GroundSurface.html>

Cowardin, L.M., V. Carter, F.C. Golet, & E.T. LaRoe. *Classification of Wetlands and Deepwater Habitats of the United States*. Washington, D.C.: U.S. Fish and Wildlife Service. 1979.

Environmental Laboratory. (1987). *Corps of Engineers Wetland Delineation Manual*, Technical Report Y-87-1. Vicksburg, MS: U.S. Army Engineer Waterways Experiment Station.

Environmental Protection Agency (EPA). Biological Indicators of Watershed Health. Invertebrates as Indicators. Last updated Friday, December 4, 2009. Website accessed December 17, 2009. <http://www.epa.gov/bioiweb1/html/invertebrate.html>

Flouride Now. *PA Water Supply listing*. Website accessed March 24, 2010.
http://www.pafluoridenow.org/PDA_listing.shtml

Frey, R. F. (Ed.). *Commonwealth of Pennsylvania 1996 Water Quality Assessment* (Section 305(b), Federal Clean Water Act) (Report No. 3610-BK-DEP2003). Harrisburg, PA: Pennsylvania Department of Environmental Protection.

Friends of Murrysville Park (FOMP). *Invasive Species Mapping and Assessment for Duff Park*. Duff Park, Murrysville, PA. March 23, 2009.

Land Trust Alliance. *Conservation Options for Landowners*. Website accessed November 23, 2010. <http://198.66.224.63/conserve/options.htm>

Landowner Meeting. Meeting Summary. October 2009. Murrysville Community Center. Murrysville, PA.

Mullin & Lonergan Associates. Westmoreland County Comprehensive Plan. January 2005. Website accessed March 24, 2010.

http://www.co.westmoreland.pa.us/westmoreland/lib/westmoreland/compplan/final_document.pdf

Municipality of Murrysville. *Emergency Telephone Numbers*. July 17, 2003. Website accessed March 24, 2010. http://www.murrysville.com/documents/community_phone_numbers.pdf

Municipality of Murrysville. Municipal Parks-Duff Park, Heritage Park. Website accessed April 5, 2010.

http://www.murrysville.com/muni_parks.html

Natural Resources Conservation Service (NRCS). Pittsburgh Annual Precipitation Data. Website accessed April 5, 2010.

<http://www.wcc.nrcs.usda.gov/ftpref/support/climate/taps/pa/42003.txt>

Natural Resources Conservation Service (NRCS). United States Department of Agriculture. *Hydric Soils – Overview*. Website accessed September 20, 2010.

<http://soils.usda.gov/use/hydric/overview.html>

Natural Resources Conservation Service (NRCS). *The Water Cycle Figure*. Federal Interagency Stream Corridor Restoration Handbook. 1998. Website accessed March 17, 2010.

http://www.nrcs.usda.gov/technical/stream_restoration/chap2.html

Natural Resources Conservation Service (NRCS). *Wetlands Functions and Values Fact Sheet*. Interim Final Rule for Highly Erodible Land and Wetland Conservation. Federal Register, September 6, 1996. Website accessed March 17, 2010.

www.nrcs.usda.gov/programs/farmland/1996/FuncFact.html

National Park Service. 1995. *Economic Impacts of Protecting Rivers, Trails, and Greenway Corridors*. Website accessed November 2, 2010. http://www.nps.gov/pwro/rtca/econ_all.pdf.

Newbury, R. L., Belz, D.J., & Grubb, R.G. (1981). *Soil Survey of Allegheny County, Pennsylvania*. United States Department of Agriculture. Soil Conservation Service. Washington, D.C.: National Cooperative Soil Survey.

North Carolina State University. *Riparian Buffers*. Website accessed March 24, 2010. <http://www.soil.ncsu.edu/publications/BMPs/buffers.html>

Organization of American States (OAS). Department of Regional and Environment Executive Secretariat for Economic and Social Affairs. Washington D.C. 1991. Website accessed March 16, 2010. <http://www.oas.org/USDE/publications/Unit/oea66e/ch08.htm>

Penn Township. *Water Supply*. Website accessed March 24, 2010. <http://www.penntwp.org/utility.html>

Pennsylvania Audubon. Audubon Pennsylvania Birds Conservation. *The Important Bird Area Program in Pennsylvania*. Website accessed March 18, 2010. <http://pa.audubon.org/iba/>

Pennsylvania Department of Agriculture. *2008 Farmland Preservation Annual Report*. Bureau of Farmland Preservation. 2008. http://www.agriculture.state.pa.us/agriculture/lib/agriculture/farmlandfiles/annual_report.pdf

Pennsylvania Department of Agriculture (PDA). Terrestrial invasive species. Website accessed March 18, 2010. http://www.agriculture.state.pa.us/agriculture/lib/agriculture/pdfdocs/Terrestrial_Invasive_Species_Component_December_06_Draft.pdf

Pennsylvania Department of Conservation and Natural Resources (DCNR). Bureau of Topographic and Geologic Survey. 1996. *The Geological History of Pennsylvania: DCNR Educational Series 4*. Harrisburg, PA. <http://www.dcnr.state.pa.us/topogeo/education/es4.pdf>

Pennsylvania Department of Conservation and Natural Resources (DCNR). Website accessed October 14, 2009. <http://www.dcnr.state.pa.us/topogeo/map13/13plps.aspx>

Pennsylvania Department of Conservation and Natural Resources (DCNR). Bureau of Forestry. *T&E Letter Response*. February 16, 2010.

Pennsylvania Department of Conservation and Natural Resources (DCNR). Bureau of Forestry, Division of Forest Pest Management. "2009 Forest Insect and Disease Conditions in Pennsylvania". 2009.

Pennsylvania Department of Conservation and Natural Resources (DCNR). Bureau of Forestry. "What is the Emerald Ash Borer?" Educational Brochure. Revised January 2008. Website accessed March 18, 2010. http://www.dcnr.state.pa.us/forestry/EAB_info.pdf

Pennsylvania Department of Conservation and Natural Resources (DCNR). Bureau of Forestry. Emerald Ash Borer Information and Management Plan. Emerald ash borer and trap photos. Website accessed March 18, 2010. http://www.dcnr.state.pa.us/forestry/fpm_invasives_EAB.aspx

Pennsylvania Department of Conservation and Natural Resources (DCNR). "Wildlife Habitat in Pennsylvania: Past, Present, and Future". 2001. Website accessed March 18, 2010. <http://www.dcnr.state.pa.us/wlhabitat/toc.aspx>

Pennsylvania Department of Education (September 2009). Enrollment Public School 2008-09.xls. Website accessed April 27, 2010. <http://www.education.state.pa.us>.

Pennsylvania Fish and Boat Commission (PFBC). Division of Environmental Services, Natural Diversity Section. *T&E Letter Response*. March 17, 2010.

Pennsylvania Game Commission (PGC). Cooperative Farm-Game Program. Website updated 2006. Website accessed March 14, 2010. <http://www.portal.state.pa.us/portal/server.pt?open=514&objID=620379&mode=2>

Pennsylvania On-line Herpetological Atlas (POHA). *Species of Conservation Concern*. Website accessed March 18, 2010. <http://www.paherpatlas.org/>

Pennsylvania Farmland Preservation Association. Agricultural Security Areas. Website accessed Oct. 16, 2009. <http://www.pafarmland.org/agsecareas.htm>

Pittsburgh Geological Society. "Landsliding in Western Pennsylvania." Website accessed December 1, 2009. <http://www.pittsburghgeologicalsociety.org/landslide.pdf>

Rails to Trails Conservancy. *Benefits of Rail-Trails*. Website accessed November 2, 2010. <http://www.railstotrails.org/ourWork/trailBasics/benefits.html>.

Stormwater Manager's Resource Center. Website accessed November 2, 2010. <http://www.stormwatercenter.net/monitoring%20and%20assessment/imp%20cover/impercovr%20model.htm>

StormwaterPA. Benefits. Website accessed November 3, 2010. <http://www.stormwaterpa.org/financial.html>

StormwaterPA. Act 157 Status and Information. Website accessed August 5, 2010.
<http://www.stormwaterpa.org/act-167.html>

Taylor, David C., et. al. (1992). *Soil Survey of Westmoreland County, Pennsylvania*. United States Department of Agriculture. Soil Conservation Service. Washington, D.C.: National Cooperative Soil Survey.

Trafford Borough. B-Y Park Information. Website accessed April 5, 2010.
<http://home.comcast.net/~fbtunes/TraffordBYParkLocationInformationandImages1.htm>

Turtle Creek Watershed Association (TCWA). Website accessed March 15, 2010.
<http://tcwa.org/A/Service%20Area.htm>

United States Census Bureau (2000). Census 2000 Population Statistics.
<http://www.census.gov/main/www/cen2000.html>.

USDA Forest Service (USFS). Ecoregions. 1994.
<http://www.fs.fed.us/land/pubs/ecoregions/intro.html>

USDA Forest Service (USFS). Ecoregions. 1994.
<http://www.fs.fed.us/land/pubs/ecoregions/intro.html>

Wikipedia. Surface water definition. Website accessed March 15, 2010.
http://www.ask.com/wiki/Surface_water

Western Pennsylvania Conservancy (WPC). *Allegheny County Natural Heritage*. Inventory. February 1994. Website accessed March 18, 2010.
http://www.naturalheritage.state.pa.us/CNAI_PDFs/Allegheny%20County%20NHI%201994%20WEB.pdf

Westmoreland County. *Window to Westmoreland*. October 2, 2009. Website accessed April 8, 2010. <http://www.co.westmoreland.pa.us/westmoreland/cwp/view.asp?a=7&q=622135>

Westmoreland Land Trust (WLT). Website accessed April 8, 2010.
<http://www.wcdpa.com/landtrust/>

Tables

Table 2-1: Wildlife Listing

Upper Crooked Creek River Conservation Plan. "Chapter 4: Biological Resources." December 2001. Website accessed December 14, 2009.

<http://www.dcnr.state.pa.us/brc/rivers/riversconservation/registry/56crooked/Sec4-Bio.pdf>

Table 2-2: Amphibians and Reptiles of Conservation Concern

Pennsylvania Herpetological Atlas Project. Amphibians and Reptiles. Website accessed December 14, 2009. <http://www.paherpatlas.org/amphibians>.

Table 2-3: Invasive Plant Species

Audubon Society of Western Pennsylvania (ASWP). Invasive Plants Information. Website accessed December 14, 2009. <http://www.aswp.org/invasives.html>

Department of Conservation of Natural Resources (DCNR). Invasive Plants in Pennsylvania. Website accessed December 14, 2009.

<http://www.dcnr.state.pa.us/forestry/wildplant/invasivelist.aspx>

Table 2-4: Invasive Animal – Aquatic

Pennsylvania Department of Agriculture (PDA). Aquatic Invasive Species Management Plan. October 2006. Website accessed December 2, 2009.

http://www.agriculture.state.pa.us/portal/server.pt/gateway/PTARGS_0_2_24476_10297_0_43/AgWebsite/Files/General/piscfiles/PA_AISMMP.pdf

Table 2-5: Invasive Animal – Terrestrial

PA Department of Agriculture (PDA). Last updated Nov. 2, 2009. Website accessed December 2, 2009. <http://www.agriculture.state.pa.us/agriculture/cwp/view.asp?a=3&Q=144707&PM=1>

Table 2-6: Soils

GIS soil Data and On-line Web Soil Survey, Farmland Soil and Hydric Soil Listings. Website accessed April 14, 2010. <http://websoilsurvey.nrcs.usda.gov/app/HomePage.htm>

Figures

Figure 2-1: Proposed Duff Park Expansion

Mackin Engineering Company. Duff Park Expansion Map. April 2010.

Figure 2-2: The Hydrologic Cycle

NRCS. "In Stream Corridor Restoration: Principles, Processes and Practices". October 1998. Website accessed April 5, 2010.

http://www.nrcs.usda.gov/technical/stream_restoration/Images/scriimage/chap2/fig2-02.jpg

Figure 2-3: Turtle Creek Watershed

TCWA. Turtle Creek Watershed Map. Website accessed April 5, 2010.

<http://tcwa.org/A/images/TCWAMap.jpg>

Figure 2-4: Pennsylvania Wildlife Habitat Quality Map

DCNR. "Wildlife Habitat in Pennsylvania: Past, Present, and Future". 2001. Websites accessed April 5, 2010. <http://www.dcnr.state.pa.us/wlhabitat/toc.aspx> (Report)

<http://www.dcnr.state.pa.us/wlhabitat/forward/regional.aspx> (Map)

Figure 2-5: Redbeds Location within the Region

Pittsburgh Geological Society. "Landsliding in Western Pennsylvania." Website accessed December 1, 2009. <http://www.pittsburghgeologicalsociety.org/landslide.pdf>



Appendix B—Letter of Support (MTA)



Murrysville Trail Alliance
Murrysville, Pennsylvania
www.murrysvilletrails.org

Amy (Senopole) Wiles
Mackin Engineering Company
117 Industry Drive
Pittsburgh, PA 15275

March 22, 2010

Dear Ms. Wiles,

The Murrysville Trail Alliance (MTA) would like to express its support for the Turtle Creek Greenway Plan.

In addition to the potential future extension of the Westmoreland Heritage Trail, the MTA requests that sustainable singletrack trails for recreational hiking and mountain biking also be included as part of the plan. These trails on land and hillsides flanking Turtle Creek will greatly expand access to the greenway for recreation, nature study, and education, and will be a valuable recreational amenity for walkers, mountain bikers, and others. They would be especially worthwhile in providing recreational access to parts of the greenway in advance of the possible eventual extension of the Westmoreland Heritage Trail (WHT), and then to serve as an exceptional complement to the WHT if/when it is extended.

The undeveloped nature of the area will allow for a property planned system of trails *designed* to be sustainable, unlike the existing network of poorly laid out social (i.e., unplanned) trails in so many local parks. Well-designed trails could be machine built by a professional trail contractor, or could be hand-built by volunteers.

The opportunity for the Greenway project to build connections between seven existing parks - including a connection between Murrysville's Duff Park and Pleasant Valley Park - through conservation of the connecting land is extraordinary, and the MTA supports this effort wholeheartedly.

Please look upon the MTA as an enthusiastic supporter of conservation of the Greenway, and please feel free to distribute or quote from our letter of support.

Sincerely yours,

Joseph M. Galvin
(for the Murrysville Trail Alliance)

cc: Malcolm Sias, Parks Planning Coordinator, Westmoreland County
Diane Selvaggio, Executive Director, Turtle Creek Watershed Association



Appendix C—Steering Committee Meeting Summaries

Turtle Creek Gorge Greenway Plan

Steering Committee Kick Off Meeting

1:30pm – Wednesday, May 27, 2009 – Murrysville Community Center
Meeting Summary

1. Welcome & Introductions

Malcolm Sias opened the meeting at 1:30 pm and reviewed the project background, which is a result of the Saltsburg to Trafford Trail Feasibility Study that was completed in 2003. Malcolm asked that the attendees introduce themselves and the organization(s) each is representing. The following Steering Committee (SC) members were in attendance:

- * Betsy Aiken, Westmoreland Land Trust and Murrysville Parks & Recreation
- * John Balicki, Monroeville Parks & Recreation Director and John Balicki and Associates, LLC
- * Dr. Elisa Beck, Sustainable Monroeville
- * Bruce Corna, Jr., Bruce Construction, LLC and Westmoreland Land Trust
- * Chuck Duritsa, Westmoreland Land Trust
- * Christine Goswick, Allegheny County Economic Development – Planning Division
- * Alex Graziani, Smart Growth Partnership of Westmoreland County
- * Noel Grimm, Westmoreland Heritage Trail Chapter
- * Greg Holesh, Watershed Manager – PADEP
- * Bruce Light, Penn Township Manager
- * Carrie Martin, Murrysville Parks & Recreation
- * Malcolm Sias, Westmoreland County Parks and Regional Trail Corporation (RTC)

Additional participants included:

- * Lori Beatty for Joe Markosek, PA House of Representatives
- * John Turack, PSU Cooperative Extension and Smart Growth Partnership

Mackin Engineering Company is the consultant that was hired to complete the Turtle Creek Gorge Greenway Plan. The following representatives were in attendance:

- * Amy Senopole, AICP, Lead Senior Planner & Project Manager
- * Jennifer Yeckel, Senior Environmental Scientist

2. Steering Committee

A sign-in sheet was passed around containing the contact information for the SC and everyone was asked to ensure their contact information is correct. Email was noted to be the preferred method of contact – therefore members should expect to receive all meeting notifications and project information via the email address they provided.

The roles and responsibilities expected of the SC were reviewed.

- * Commit to attend the scheduled project meetings
- * Respect other people's opinions and follow the proper decorum even when disagreeing.
- * Turn off mobile phones or set to vibrate to avoid interruptions.
- * Review all project materials given to you and provide comments and feedback in a timely manner

Turtle Creek Gorge Greenway Plan Steering Committee Kick Off Meeting

1:30pm – Wednesday, May 27, 2009 – Murrysville Community Center
Meeting Summary

- * Serve as a liaison between the SC and the organization each member is representing to ensure that the organization (particularly municipal planning commissions and governing bodies) is aware of the project status and receiving updates

The project is expected to be completed within 12 months, which is a tentative completion date of June of 2010. Meetings will be held on a bi-monthly basis.

3. Review Scope of Work

Copies of the project scope of work were distributed and reviewed. The following questions and/or comments were raised:

- * "Recreation leads to conservation" – possible focus of plan
- * Water quality was identified as an issue. The plan will not include water quality testing; however, Mackin will review reports already completed and incorporate them in to the plan.
- * Even though the County Recreation Plan (New Horizons) identified general costs to construct trails, the cost estimates did not include acquisition of property for greenways / conservation
- * As the SC is a large group, representatives of organizations such as Sportsman's Clubs and Trout Unlimited can be included in the process as stakeholders, who will be interviewed as part of the study. Other stakeholders may include large landowners, business representatives, recreation providers, etc.

Action: SC members are to email Amy (asenopole@mackinengineering.com) with contact information (organization, contact name, phone number, email address, etc.) for key stakeholders.

4. Data Collection

Mackin asked the Committee for any previously completed plans and studies that may be pertinent to the project.

- * Comprehensive Plans
- * Comprehensive Parks, Recreation, and Open Space Plans
- * Trail Feasibility Studies (other than Saltsburg to Trafford)
- * Zoning Ordinances
- * Subdivision and Land Development Ordinances (SALDO)
- * Water Quality Reports
- * Stormwater Management Plans / Ordinances

The following plans have already been collected:

- * Penn Township Comprehensive Plan
- * Penn Township Zoning Ordinance
- * Penn Township SALDO
- * Map of Shaffer Plan (Penn Township)

Turtle Creek Gorge Greenway Plan Steering Committee Kick Off Meeting

1:30pm - Wednesday, May 27, 2009 - Murrysville Community Center
Meeting Summary

- * Westmoreland County Recreation / Greenways Plan (available online)
- * Monroeville Trails Plan (map)
- * Allegheny County Comprehensive Plan and Greenways Plan "Green Print" (available online)

Action: SC members are to email Amy (asenopole@mackinengineering.com) plans or studies or the appropriate website links. For hard copies, please contact Amy to make arrangements for pick up.

5. Visioning – Goals & Priorities

A visioning session was conducted to identify some initial goals and priorities of the plan.

- * Trail connections
 - o Westmoreland Heritage Trail
 - Turtle Creek Industrial Railroad is active at this time, but may sell the ROW in the future
 - o Monroeville (proposed) trail system
 - o Boyce Park
 - o Duff Park trail system
 - o Look at possible equestrian use
 - o Possible navigable stream in high waters
- * Preserve greenway as a natural area
 - o Preserve steep slopes
 - o Maintain vegetation along the waterways to minimize erosion (Riparian areas)
 - o Address invasive species
 - o Stormwater management is issue along the gorge
 - Turtle Creek Watershed is currently working on an Act 167 for the watershed
 - Water conservation and education (i.e. Rain barrels, etc.)
 - o Off Highway Vehicles (OHV) is a problem in the gorge
- * Improve water quality
 - o AMD issues
 - o Iron / aluminum
 - o Future fishing area / destination
- * Incorporate conservation into local ordinances
 - o Murrysville has a committee to work on an official map
 - o Monroeville has "weak" mandatory dedication / fee in lieu of requirement in SALDO
 - o Penn Township and Murrysville have effective provisions in their SALDO and have used
 - o Trafford does not have recreation plan or provision in SALDO

Turtle Creek Gorge Greenway Plan Steering Committee Kick Off Meeting

1:30pm - Wednesday, May 27, 2009 - Murrysville Community Center
Meeting Summary

6. Mapping Exercise

Committee members gathered around maps that depict the general project area and were asked to identify any issues or features that Mackin should be aware of prior to the field view.

- * The Committee will assist in defining the boundary of gorge for study – 1,000 foot contours and Duff Park and Trafford are the initial starting points, but they will need to be revised
- * Monroeville
 - o Potential historic area near Kelvington Park
 - o Simpson Run has fossils
 - o Potential trailhead near Turnpike / Saunders Station Road
 - o OHVs issue near Valley Park
- * Penn Township
 - o Shaffer Plan (see plan provided)

Action: Amy will mail copies of the maps to each municipality for additional identification of issues, etc. prior to the next meeting.

7. Next Meeting

A field view of the project area is scheduled for Wednesday, June 24, 2009 at 8:00am. All committee members are invited to attend in order to better understand the project area and the purpose of the study.

Action: Amy will email the SC with details regarding the field view and interested persons will be asked to RSVP.

NOTE: The next SC meeting will take place on Wednesday, July 29, 2009 at 1:30pm in the Murrysville Community Center.

9. Adjourn

The meeting was adjourned at 3:10pm.

Turtle Creek Gorge Greenway Plan

Steering Committee Meeting

1:30pm - Wednesday, July 29, 2009 - Murrysville Community Center
Meeting Summary

1. Welcome & Introductions

Malcolm Sias opened the meeting at 1:30 pm and asked that the attendees introduce themselves and the organization(s) each is representing. The following people were in attendance:

- * Betsy Aiken, Westmoreland Land Trust and Murrysville Parks & Recreation
- * Christine Goswick, Allegheny County Economic Development – Planning Division
- * Noel Grimm, Westmoreland Heritage Trail Chapter
- * Tom Dittman, Murrysville Recreation & Westmoreland Heritage Trail (WHT)
- * Greg Holesh, Watershed Manager – PADEP
- * Brian Lawrence, Smart Growth Partnership Intern
- * Bruce Light, Penn Township Manager
- * Carrie Martin, Murrysville Parks & Recreation
- * Amy Myers, Allegheny County Conservation District
- * Rey Peduzzi, Trafford Borough
- * Diane Selvaggio, Turtle Creek Watershed Assoc. & Duquesne University
- * Malcolm Sias, Westmoreland County Parks and Regional Trail Corporation (RTC)
- * John Turack, PSU Cooperative Extension and Smart Growth Partnership
- * Mackin: Amy (Senopole) Wiles, AICP, Lead Senior Planner & Project Manager
- * Mackin: Jennifer Yeckel, Senior Environmental Scientist

2. Field View Summary

A summary of observations that were submitted to Mackin regarding the field view on June 24, 2009 was distributed for SC review and comment. Additional comments from the field view include:

- * Turtle Creek needs to be controlled -- surprised at how severe the erosion, stream bank stabilization, and stormwater problems are.
- * The gorge is a beautiful scenic, green area.
- * Surprised to see AMD / Aluminum precipitate by Abers Creek – thought AMD problems occurred further upstream by Export.
- * Important to recognize that we all have an important role to play depending on each person's expertise and interest. We all need to unite and get involved to create an implementable plan and then take action as individuals to the individual projects proposed to fruition.

Turtle Creek Gorge Greenway Plan

Steering Committee Meeting

1:30pm – Wednesday, July 29, 2009 – Murrysville Community Center

Meeting Summary

3. Vision Statement

The following draft vision statement for the plan was submitted to the SC for review and comment.

“The Turtle Creek Gorge is recognized as a local treasure of remarkable natural beauty that offers educational and recreational opportunities. With renewed awareness and stewardship, the surrounding communities have united to share in the responsibilities to remediate, protect, and preserve the Turtle Creek Gorge as part of a larger, regional continuum of greenways and recreational resources for future generations to enjoy.”

There were no comments on the Vision Statement.

Action: SC members are to email Amy (asenopole@mackinengineering.com) with any comments on the Vision Statement.

4. Project Goals

Draft goals for the plan were submitted to the SC for review and comment.

1. *Preserve the integrity of the natural, recreational, and cultural resources of the Turtle Creek Gorge that are being affected by nearby urban development.*
2. *Raise public awareness and encourage stewardship of the valuable natural resources present within the Turtle Creek Gorge.*
3. *Enhance the Turtle Creek Gorge by offering additional recreational opportunities.*
4. *Develop a prioritized acquisition plan to secure land within the gorge for trail development and the protection of green space and natural resources.*
5. *Utilize the Gorge as an educational resource for school children and the general public alike.*

The following comments were provided:

- * Break down #1 into two separate goals—make it more positive at the start, new statements: Preserve the natural beauty of the Turtle Creek Gorge; Address the influences of nearby urban development on the Gorge ecosystem.
- * Rewrite #4: change word acquisition, add information about conservation easements and land donations
- * Add another goal about the gorge as a destination point and place that people want to visit; describe environmental economics and ecotourism.

Action: SC members are to email Amy (asenopole@mackinengineering.com) with any additional comments on the goals.

Turtle Creek Gorge Greenway Plan

Steering Committee Meeting

1:30pm - Wednesday, July 29, 2009 - Murrysville Community Center

Meeting Summary

5. Stakeholder List

A preliminary stakeholder list was submitted to the SC for review and comment. The stakeholders will be interviewed for input in the project and may include anyone that the SC feels is worthwhile. Mackin will interview approximately 25 stakeholders (not including landowners). Some members also discussed involving the Chamber of Commerce and local business leaders as a good way to get the gorge funding and get support for the gorge as a tourist attraction. Perhaps someone from the Murrysville CDC should also be included.

Action: Amy will email the stakeholder list to all SC members.

Action: SC members are to review the list and email Amy (asenopole@mackinengineering.com) with additional stakeholders as well as contact information.

6. Project Boundary

Project Map: include Monroeville owned land and parks near project area. A few parcels were identified as ones that would likely be donated, based on previous conversations during the trail feasibility study. The benefits of donating land and/or conservation easements and possible incentives will need to be explored in order to encourage landowners to pursue these options. Conservation easements were discussed along with possible acceptable uses, such as mineral rights, sustainable logging permitted, etc.

Action: Project area maps will be mailed to each municipality to identify stormwater problem areas, parcels to be donated, and any other issues, constraints, opportunities, etc. on the mapping.

7. Miscellaneous

- * Allegheny and Westmoreland Counties are currently in the process of developing stormwater management plans. The local municipalities are encouraged to participate in developing these plans. Then, it is up to the municipalities to develop ordinances based on the stormwater management plan and to enforce the ordinances.
- * While conversations have occurred with the Railroad, it will not be donated but rather sold to Westmoreland County if the company deems it too expensive to continue operations.
- * John Turack mentioned before the meeting on the map that Murrysville has a streetscape / revitalization project occurring and that would be important to be aware of to possibly have a trail connection to that area if possible.

Turtle Creek Gorge Greenway Plan

Steering Committee Meeting

1:30pm - Wednesday, July 29, 2009 - Murrysville Community Center
Meeting Summary

8. Next Meeting

The next Steering Committee meeting will be held on Wednesday, September 30, 2009 at 1:30 PM in the Murrysville Community Building.

9. Adjourn

The meeting was adjourned at 3:10pm.



Turtle Creek Gorge Greenway Plan

Steering Committee Meeting

1:30pm - Wednesday, September 30, 2009 - Murrysville Community Center
Meeting Summary

1. Welcome & Introductions

Malcolm Sias opened the meeting at 1:30 pm and asked that the attendees introduce themselves and the organization(s) each is representing. The following people were in attendance:

- * Betsy Aiken, Westmoreland Land Trust and Murrysville Parks & Recreation
- * John Albertson, Representative John Pallone
- * Mark Bowers, Environmental Consultant
- * Bruce Corna, Jr., Bruce Construction LLC
- * Chuck Duritsa, Westmoreland Land Trust
- * Noel Grimm, Westmoreland Heritage Trail Chapter
- * Greg Holesh, Watershed Manager – PADEP
- * Rob Hunter, Murrysville Recreation
- * Bruce Light, Penn Township Manager
- * Amy Myers, Allegheny County Conservation District
- * Les Race, Trafford Borough
- * Diane Selvaggio, Turtle Creek Watershed Assoc. & Duquesne University
- * Malcolm Sias, Westmoreland County Parks and Regional Trail Corporation (RTC)
- * John Turack, PSU Cooperative Extension and Smart Growth Partnership
- * Mackin: Amy (Senopole) Wiles, AICP, Lead Senior Planner & Project Manager
- * Mackin: Jennifer Yeckel, Senior Environmental Scientist

2. Review Revised Vision Statement & Project Goals

The revised vision statement and project goals were distributed for SC review. There were no comments.

3. Review Revised Stakeholder List & Surveys

The revised stakeholder list and survey was distributed for SC review. Mackin will send surveys to each stakeholder and then near the end of the project, send the action plan to each for review. Along with the surveys, Mackin will send a map of the project area along with a brief project overview and the goals and vision.

The following persons / organizations were added to the list:

- * Westmoreland Conservancy (contact@westmorelandconservancy.org)
- * Citizens for the Rural Preservation of Murrysville – Jerry Wolfe (jkwolfe@windstream.net)
- * Crowfoot Rod Gun Club House (724) 327-9315
- * Logans Ferry Sportsman's Club (logansferrysportsmensclub@yahoo.com)

Turtle Creek Gorge Greenway Plan

Steering Committee Meeting

1:30pm – Wednesday, September 30, 2009 – Murrysville Community Center
Meeting Summary

The following comments were offered on the survey:

- * Add “nearby or affecting” to Question #3
- * Add a question “Where is access to the greenway needed?”

4. Criteria for Ranking Parcels

Amy distributed a ranking criteria handout to the SC for review. She explained that first, each parcel will be ranked by ease of acquisition and then within the acquisition categories, ranked according to the criteria. The following comments were offered regarding the criteria:

- * Standard #10 – Erosion or washout areas: the ranking is backwards. The parcel should receive a “1” if it has low erosion problems and a “3” if it has a lot.
- * Add one underneath for “cost of implementation” as addressing erosion problems may be a high cost.
- * Add one for stormwater
- * Add one for environmental issues

Action: Chuck Duritsa offered to provide information on any archaeological sites / findings.

5. Project Boundary

SC reviewed the proposed project boundary maps and made changes.

Action: Amy will email the revised project boundary maps out to the SC for review.

6. Landowners Meeting

The SC decided to hold an open house meeting and invite all of the landowners within the proposed project boundary. The following was agreed upon:

- * The meeting will be held on Wednesday, November 18th at the Murrysville Community Building from 3pm to 7pm; open house format.
- * Diane will contact Linda Lyman about writing a newspaper article on the project before sending out the letters. The newspaper article should describe the project and its purpose, being clear that the committee is looking for property donations, easements, etc. to protect the gorge as a recreational, natural, and cultural resource.
- * Letter will be from the Turtle Creek Study Committee.
- * Typical questions of landowners are: What’s in it for me? How will this affect my ordinary life? Contact Roy Kraynyk, Allegheny Land Trust, to review the letter to the property owners.

Turtle Creek Gorge Greenway Plan

Steering Committee Meeting

1:30pm – Wednesday, September 30, 2009 – Murrysville Community Center

Meeting Summary

- * Mackin will send a project area map, project information, and an RSVP card along with the letter.
- * The letter will provide contact information for Rey Peduzzi, Bruce Corna, Jr., and Noel Grimm as local SC representatives.

Action: Amy will email the documents to the SC for review.

Action: Malcolm & Amy will arrange for refreshments at the meeting.

7. Public Meeting

The SC decided to wait until 2010 to hold a public meeting. As part of the public outreach, public education and trail education should be implemented. For example, literature should be available to discount concerns of having a trail in their back yard, while focusing on the benefits of having a trail in your back yard. Likewise, discuss the benefits of donating, easements, etc.

8. Next Meeting

The next Steering Committee meeting will be held on Wednesday, November 18, 2009 at 7:00 PM in the Murrysville Community Building, after the Landowners Meeting.

NOTE: Malcolm has suggested meeting at 2pm PRIOR to the Landowners Meeting instead so that the SC can be briefed on the format of the meeting.

9. Adjourn

The meeting was adjourned at 3:30pm.

Turtle Creek Gorge Greenway Plan

Steering Committee Meeting

1:30pm – Wednesday, January 27, 2010 – Murrysville Community Center

Meeting Summary

1. Welcome & Introductions

Malcolm Sias opened the meeting at 1:30 pm and asked that the attendees introduce themselves and the organization(s) each is representing. The following people were in attendance:

- * Betsy Aiken, Westmoreland Land Trust and Murrysville Parks & Recreation
- * John Albertson, Representative John Pallone
- * Tom Dittman, Westmoreland Heritage Trail
- * Chris Goswick, Allegheny County Economic Development—Planning
- * Alex Graziani, Smart Growth Partnership
- * Noel Grimm, Westmoreland Heritage Trail Chapter
- * Greg Holesh, Ecological Restoration, Inc. (ERI)
- * Rob Hunter, Murrysville Recreation
- * Bruce Light, Penn Township Manager
- * Amy Myers, Allegheny County Conservation District
- * Rey Peduzzi, Trafford Borough
- * Jesse Jon Salenskey, Bruce Construction/VIP/WCD
- * Diane Selvaggio, Turtle Creek Watershed Assoc. & Duquesne University
- * Malcolm Sias, Westmoreland County Parks and Regional Trail Corporation (RTC)
- * John Turack, PSU Cooperative Extension and Smart Growth Partnership
- * Mackin: Amy Wiles, AICP, Lead Senior Planner & Project Manager
- * Mackin: Jennifer Yeckel, Senior Environmental Scientist

2. Review of Landowners Meeting

Mackin distributed a copy of the results from the landowners meeting and survey. The meeting was well-attended and good information was received as a result.

Betsy Aiken provided an update regarding the pending donation of the Theo Van de Venne property near Duff Park. The Westmoreland Land Trust is working on a DCNR grant application that may include five (5) additional properties to be acquired through the donated land value. Two (2) of the additional properties would provide a connection between Duff Park and Pleasant Valley Park.

Malcolm Sias provided an update regarding discussions with Greg Schaffer, Penn Township landowner, who has been coordinating with the Westmoreland County Conservation District and the Westmoreland Land Trust for potential projects regarding streambank stabilization and wetland construction on his property. Bruce Light indicated he has a meeting with him next week and will keep the committee updated.

Mackin also mentioned that one of the larger landowners in Murrysville indicated that their property is to be deeded to Murrysville when the owner is deceased. Mackin will follow up with this landowner.

Turtle Creek Gorge Greenway Plan

Steering Committee Meeting

1:30pm – Wednesday, January 27, 2010 – Murrysville Community Center

Meeting Summary

Action: Mackin will work with the SC to follow-up with the landowners who we have not yet heard from.

3. Stakeholder Surveys

Mackin has sent surveys to all 41 stakeholders and so far, has received eight (8) completed surveys. As the completed surveys are returned, Mackin will compile the results. The stakeholders will be invited to the public meeting.

Action: Mackin will follow-up with the stakeholders who we have not yet heard from.

4. Criteria for Ranking Parcels

Mackin distributed an updated criteria ranking to the SC for review and discussion. The parcels will be ranked first by ease of acquisition and then within the acquisition categories, ranked according to the criteria. The following comments were offered regarding the criteria:

- * There was a discussion regarding whether or not erosion needed to be called out as three separate criteria; however, due to its impact within the greenway, it is vital to know whether or not the source of the erosion is present on the parcel and whether or not there is potential to control the erosion on the parcel.
- * Add a description to "Likelihood of Future Development" to address presence of utilities, road access, etc.
- * Add a criterion for whether or not the parcel is adjacent to preserved and/or public land.
- * The Committee agreed to assign "negative numbers" to the criteria that address issues. For example, if a parcel contains invasive plant species, it would receive a "-3" rather than a "+3" so as to distinguish high priority parcels for recreation/conservation opportunities from high priority parcels for enhancement opportunities.

Mackin also stated that they will provide the database to the Committee at the end of the project so that the Committee, or responsible organization, will be able to update and/or revise the criteria as needed in the future. The database will be in both Excel Spreadsheet format as well as tied to the parcel data in GIS (ArcView). The database will include a list of parcels that were examined for inclusion and the explanation why they were excluded, if applicable, from the final project boundary.

Jesse offered assistance if there are any hits on the PNDI search or if there are any Natural Heritage Inventory sites. In addition, Pia Van De Venne works with volunteers through the Murrysville Park Volunteers and Friends of Murrysville Parks to eradicate invasive plant species.

Action: Mackin will send the Committee the updated Criteria Ranking as well as a draft map depicting the ranking assigned to each parcel for review and comment.

Turtle Creek Gorge Greenway Plan

Steering Committee Meeting

1:30pm - Wednesday, January 27, 2010 - Murrysville Community Center
Meeting Summary

5. Public Meeting

The public meeting will be held on Wednesday, February 24, 2010 at 7:00pm in the Murrysville Community Building. The meeting will consist of a presentation, questions and answers, as well as maps to allow the public to identify any issues or opportunities within the Project Area.

Action: Mackin will send publicity materials (press release, flyer) to the Committee for distribution to local organizations, municipalities, and media outlets to advertise the public meeting.


Action: All Committee members are encouraged to attend the public meeting.

6. Next Meeting

The next Steering Committee meeting will be held on Wednesday, March 31 at 1:30 PM in the Murrysville Community Building.

7. Adjourn

The meeting was adjourned at 3:30pm.



Turtle Creek Gorge Greenway Plan

Steering Committee Meeting

1:30pm – Wednesday, March 31, 2010 – Murrysville Community Center

Meeting Summary

1. Welcome & Introductions

Malcolm Sias opened the meeting at 1:30 pm and since asked that the attendees introduce themselves and the organization(s) each is representing. The following people were in attendance:

- * Betsy Aiken, Westmoreland Land Trust and Murrysville Parks & Recreation
- * Tom Dittman, Westmoreland Heritage Trail
- * Noel Grimm, Westmoreland Heritage Trail Chapter
- * Bruce Corna, Jr., Bruce Construction
- * Diane Selvaggio, Turtle Creek Watershed Assoc. & Duquesne University
- * Malcolm Sias, Westmoreland County Parks and Regional Trail Corporation (RTC)
- * John Turack, PSU Cooperative Extension and Smart Growth Partnership
- * Moni Wesner, Sustainable Monroeville
- * Marylyn Devlin, Sustainable Monroeville
- * Mackin: Amy Wiles, AICP, Lead Senior Planner & Project Manager
- * Mackin: Jennifer Yeckel, Senior Environmental Scientist

2. Update on Duff Park Expansion

Malcolm provided an update on the proposed Duff Park Expansion – the County is putting together a grant application to submit to DCNR for acquisition funding. The proposed expansion is approximately 100 acres over four (4) separate parcels. The County is hoping to use the value of the one (1) donated parcel to provide matching funds for the other three (3). If everything works out as planned, only \$20,000 cash will need to be spent to expand the park. A map was distributed that depicts the proposed expansion and the parcels to be acquired.

3. Stakeholder Surveys

Mackin has sent surveys to all 41 stakeholders and to date, has received 11 completed surveys. Copies of the survey were provided to the Committee members in attendance that have not yet completed one. The stakeholder survey results will help to provide background information as well as help to identify issues and opportunities within the project area.

Action: Mackin will email the Committee the stakeholders who have yet to return a completed survey.

Action: Committee members are to either provide Mackin with a better contact name/information, or if possible, encourage the stakeholder to complete the survey and return to Mackin ASAP.

Discussion ensued over Monroeville's missing representation on the study committee. Mackin had emailed information to Councilman Berhard Erb; however, he did not reply back. Ideally, Monroeville will appoint a person (representative from council, planning commission, staff, etc.) who is officially

Turtle Creek Gorge Greenway Plan

Steering Committee Meeting

1:30pm – Wednesday, March 31, 2010 – Murrysville Community Center
Meeting Summary

affiliated with Monroeville and can report and coordinate with local officials to accomplish recommended projects.

Action: Committee members are to email Mackin potential contacts that can represent Monroeville within in the study committee.

4. Public Meeting Summary

Mackin distributed a brief summary of the public meeting that was held in February. While 28 people signed in, an estimated 40 were in attendance. The issues of concern were mainly flooding and developing the greenway for recreation. A resident at the Public Meeting suggested having the next meeting in the project area as a field trip to get participants engaged and to see firsthand the issues and opportunities within the greenway. Discussion ensued regarding public involvement and how to get more local residents involved in the project.

An idea was presented to have a series of four (4) workshops within the project area each Friday in June. Each workshop will focus on a particular issue or opportunity and could be sponsored by local organizations. The workshops would then be videotaped and then could be broadcast through Murrysville's and Monroeville's televised local cable networks. The final public meeting could then be held in July to present the draft plan and recommendations; ideally a few demonstration projects would be ready to go to publicize at the meeting and ask for interested volunteers.

Action: Committee members are to email Amy with any ideas regarding workshop topics, locations, speakers, and organizations that are willing to sponsor and/or assist with planning and publicizing the workshops.

Action: John Turack will talk to Penn State Cooperative Extension and the Smart Growth Partnership to determine their level of interest in sponsoring the workshops.

Study committee members volunteered to research/contact possible videographers and audio video (AV) departments (i.e. municipalities, local schools, businesses, etc.). The videotaping could possibly count as community service credit for high school seniors. Having local reporters on site during the workshops to cover the project was recommended.

Action: Committee members are to research the feasibility of using local AV departments, etc. to videotape the workshops. Please send Amy any updates regarding this concept.

Another idea was also proposed to utilize social media, such as Facebook (FB), to notify the public about the overall project as well as publicize upcoming meetings. Bruce Corna, Jr. volunteered to set up a FB page for the project and to utilize his contact list, which consists of approximately 1,400 local residents, to spread the word. Also, study committee organizations or other local groups can also become friends through FB further expanding the reach of the Turtle Creek Greenway Facebook page.

Turtle Creek Gorge Greenway Plan

Steering Committee Meeting

1:30pm – Wednesday, March 31, 2010 – Murrysville Community Center

Meeting Summary

The videos from the workshops can also be posted for residents to view on the FB page as well as YouTube.

Action: Bruce Corna, Jr. will develop a Facebook page for the Turtle Creek Greenway and coordinate with Amy regarding information to be posted, etc.

5. Criteria Ranking

The Revised Ranking Criteria was reviewed and now includes separate rankings based on Natural, Cultural, and Recreational Resources and Restoration Opportunities. General comments on the mapping and ranking included:

- * Adding more road names to the mapping to help folks orient themselves on the mapping
- * Review the Municipality of Monroeville trail map to obtain an overview of potential trail connections within the region
- * Make the railroad parcel all one parcel and the same ranking color
- * Manipulate the parcel layers for Westmoreland and Allegheny Counties to fill in parcel gaps

Action: Mackin to email committee members the ranking criteria mapping and a spreadsheet showing how each parcel ranks according to the criteria.

Action: Committee members are to review and provide comment on the parcel ranking criteria and overall ranking of the parcels. Please provide a reason for why a parcel should be ranked differently, if you have a comment.

6. Greenway Plan Outline

The plan sections and outline were reviewed. Mackin is continuing to pull together the sections of the report. Draft sections will be emailed to the Study Committee for review and comment as they are completed.

Action: Mackin will email the Committee draft sections prior to the next meeting.

7. Next Meeting

The next Steering Committee meeting will be held on Wednesday, April 28 at 1:30 PM in the Murrysville Community Building. *Note: We will be meeting MONTHLY rather than bi-monthly for the duration of the project.*

8. Adjourn

The meeting was adjourned at 3:00pm.

Turtle Creek Gorge Greenway Plan

Steering Committee Meeting

1:30pm - Wednesday, April 29, 2010 - Murrysville Community Center

Meeting Summary

1. Welcome & Introductions

Malcolm Sias opened the meeting at 1:30 pm and asked the attendees to introduce themselves and the organization(s) each is representing. The following people were in attendance:

- * Betsy Aiken, Westmoreland Land Trust and Murrysville Parks & Recreation
- * John Albertson, Representative John Pallone
- * Kim Blauvelt, Murrysville Recreation
- * Bruce Corna, Jr., Bruce Construction
- * Chris Droste, Westmoreland Conservation District
- * Tom Dittman, Westmoreland Heritage Trail
- * Chris Goswick, Allegheny County Economic Development—Planning
- * Noel Grimm, Westmoreland Heritage Trail Chapter
- * Greg Holesh, ERI
- * Bruce Light, Penn Township Manager
- * Rey Peduzzi, Trafford Borough
- * Diane Selvaggio, Turtle Creek Watershed Assoc. & Duquesne University
- * Malcolm Sias, Westmoreland County Parks and Regional Trail Corporation (RTC)
- * Marylyn Devlin, Sustainable Monroeville
- * Mackin: Amy Wiles, AICP, Lead Senior Planner & Project Manager
- * Mackin: Jennifer Yeckel, Senior Environmental Scientist

2. Stakeholder Survey Update

Mackin distributed an updated stakeholder survey list, showing who has returned a completed survey and who yet had not. Out of 41 surveys sent, we have received 17 back so far, and expect at least 2 more. Mackin has placed personal phone calls and follow up emails to all of the stakeholders that we haven't heard back from. Mackin distributed copies of the survey and asked the Committee to pass them along to stakeholders whom they know.

Discussion ensued over Monroeville's missing representation on the study committee. Mackin sent additional information to Councilman Berhard Erb; however, they have not heard back from him yet. Ideally, Monroeville will appoint a person (representative from council, planning commission, staff, etc.) who is officially affiliated with Monroeville and can report and coordinate with local officials to accomplish recommended projects.

Action: Chris Goswick will contact Monroeville about identifying a representative.

Action: Malcolm Sias will contact Monroeville Parks and Recreation Department to have someone complete the stakeholder interview.

Turtle Creek Gorge Greenway Plan

Steering Committee Meeting

1:30pm – Wednesday, April 29, 2010 – Murrysville Community Center

Meeting Summary

3. Public Outreach

Bruce Corna, Jr. developed a Facebook site for the project: www.facebook.com/TurtleCreekGorge. The website can be utilized to post photographs, project information, educational materials, publicity for upcoming meetings/events, etc.

A discussion was held on the concept of the Fridays in June workshop series. It was decided that rather than hold four, it would be better to hold one and have “stations” set up in the Greenway between B-Y Park and Saunders Station Road. The following was decided:

- * Workshop will be on Thursday, June 17, 2010 – rain or shine
- * Public can meet at B-Y Park between 5:30 pm and 6:30 pm
- * Workshop is expected to last about 2 hours
- * Vans will be available to shuttle people from B-Y to Saunders Station Road
- * Five “stations”
 - o Station 1: Value of conservation/ Water quality – Diane Selvaggio
 - Saunders Station Road Parking Lot
 - o Station 2: Streambank stabilization – Rob Cronauer
 - Greg Shaffer property
 - o Station 3: Stormwater management/erosion – Chris Droste/Jim Pillsbury
 - Site TBD
 - o Station 4: Invasive species – Betsy Aiken/ Friends of Murrysville Parks
 - Site TBD
 - o Station 5: Recreation opportunities – Malcolm Sias
 - B-Y Park
- * Malcolm to contact Norris’ for permission
- * Picnic after at B-Y Park
 - o Need volunteers for refreshments
- * Publicize via flyers, Facebook, Murrysville cable access channel, others?

Bruce also indicated that he has been inquiring about someone to film the public workshop and has an interested student. He will work out the details and get back to the Committee by the May meeting.

Action: John Turack will talk to Penn State Cooperative Extension and the Smart Growth Partnership to determine their level of interest in sponsoring the workshops.

Action: Mackin will develop a spreadsheet for the meeting and send around for volunteers.

Action: Note: no publicity of this event should occur until meeting details are confirmed at May meeting.

Turtle Creek Gorge Greenway Plan

Steering Committee Meeting

1:30pm – Wednesday, April 29, 2010 – Murrysville Community Center

Meeting Summary

4. Criteria Ranking

The Revised Ranking Criteria was reviewed and includes separate rankings based on Natural, Cultural, and Recreational Resources, and Restoration Opportunities. These rankings will assist the organizations responsible for implementation. A third ranking based on ease of land acquisition, which will be presented at a later date, will also be included in the plan.

Action: Committee members are to review and provide comment on the parcel ranking criteria and overall ranking of the parcels. Please provide a reason for why a parcel should be ranked differently, if you have a comment.

5. Draft Recommendations

Mackin distributed a handout containing the draft recommendations for the Greenway Plan, organized by the project goals.

Action: Committee members are to review the recommendations and provide comments by Friday, May 15, 2010.

6. Fieldwork

Mackin explained that prior to the next meeting, they will be conducting fieldwork to finalize the criteria ranking, identify potential pilot project sites for priority recommendations, and take photographs of high priority areas.

Action: If Committee members have any photographs of local parks, events, service projects, etc. within the Greenway that they would like to include in the plan, please email them to Amy at (awiles@mackinengineering.com).

7. Next Meeting

The next Steering Committee meeting will be held on Wednesday, May 26 at 1:30 PM in the Murrysville Community Building. *Note: We will be meeting MONTHLY rather than bi-monthly for the duration of the project.*

8. Adjourn

The meeting was adjourned at 3:00pm.

Turtle Creek Gorge Greenway Plan

Steering Committee Meeting #7

1:30pm - Wednesday, May 26, 2010 - Murrysville Community Center

Steering Committee Meeting Summary

1. Welcome & Introductions

Malcolm Sias opened the meeting at 1:30 pm and asked the attendees to introduce themselves and the organization(s) each is representing. The following people were in attendance:

- * Amy Myers, Allegheny County Conservation District
- * Betsy Aiken, Westmoreland Land Trust and Murrysville Parks & Recreation
- * Tom Dittman, Westmoreland Heritage Trail
- * Chris Goswick, Allegheny County Economic Development—Planning
- * ??, Allegheny County Economic Development
- * Rey Peduzzi, Trafford Borough
- * Diane Selvaggio, Turtle Creek Watershed Assoc. & Duquesne University
- * Malcolm Sias, Westmoreland County Parks and Regional Trail Corporation (RTC)
- * Marylyn Devlin, Sustainable Monroeville
- * Jesse ?
- * Joe ?
- * John Turack, PennState Cooperative Extension
- * Mackin: Amy Wiles, AICP, Lead Senior Planner & Project Manager
- * Mackin: Jennifer Yeckel, Senior Environmental Scientist

2. Stakeholder Survey Update

Out of 41 surveys sent, we have received 19 completed surveys back so far. 3 organizations are not able to participate: PADEP, Murrysville Sportsman's Club, and the Sportsman's & Landowners Association of Murrysville (SLAM). Mackin has also talked to 3 stakeholders, which were specific conversations/questions in lieu of a survey—PA Turnpike Commission, Franklin Regional School District, and Monroeville Parks and Recreation. In total, we have heard back from 25 stakeholders.

Mackin still has to contact Western Pennsylvania Conservancy regarding the Simpson Run Biological Diversity Area (BDA).

Mackin has placed personal phone calls and follow up emails to all of the stakeholders that we haven't heard back from. Once the recommendations are finalized, Mackin will email them to all the stakeholders and request their comments. We will also ask them which projects their organization would be interested in partnering or participating in.

Action: Mackin to call Western Pennsylvania Conservancy about the Simpson Run BDA.

Action: Mackin will email the finalized recommendations to the stakeholders for comment and partnering opportunities.

Turtle Creek Gorge Greenway Plan

Steering Committee Meeting #7

1:30pm - Wednesday, May 26, 2010 - Murrysville Community Center

Steering Committee Meeting Summary

3. Public Workshop

The Public Workshop Flyer and agenda was reviewed. The workshop is scheduled for Thursday, June 17 at 5:30 PM. If you are volunteering or presenting during the walk, please arrive at 5 PM at B-Y Park. Also, if you are presenter, be mindful of your technical terminology and keep your explanations simple for the general public to understand.

- * Workshop will be on Thursday, June 17, 2010 – rain or shine
- * Public can meet at B-Y Park between 5:30 pm and 6:00 pm; picnic will be held at the beginning
- * Workshop is expected to last about 2 hours
- * Vans will be available to shuttle people from B-Y to Saunders Station Road
- * Six “stations”
 - o Station 1: Value of conservation/ Water quality – Diane Selvaggio
 - Saunders Station Road Parking Lot
 - o Station 2: Streambank stabilization – Rob Cronauer
 - Greg Shaffer property
 - o Station 3: Stormwater management/erosion – Chris Droste/Jim Pillsbury
 - Site TBD
 - o Station 4: Invasive species – Pia van de Venne/ Friends of Murrysville Parks
 - Site TBD
 - o Station 5: Ecological Resources / Recreation – Dick Byers
 - Site TBD
 - o Station 6: Recreation opportunities – Malcolm Sias
 - B-Y Park

Once the flyer is finalized, Mackin will distribute it to the various media outlets, study committee, stakeholders, municipalities, libraries, identified landowners, and public meeting participants. The same media outlets that were contacted for the Public Meeting will be used. Mackin will request that the municipalities post it on their website and cable access channel. It will also be posted on the Facebook site for the project: www.facebook.com/TurtleCreekGorge.

If you need hard copies of the flyer to post, please email Amy and she will mail them out to you.

Joe Medicino has graciously volunteered to film the workshop. The film will be posted on Facebook to allow the general public, who weren't able to participate in the workshop, to see the greenway and gorge. Other ideas for utilizing the film include: to obtain funding and public education presentations. An educational video series about the greenway highlighting the issues (i.e. invasive plant species, erosion and stormwater, etc.) would be beneficial for the public to see the problems and get people involved. Educational video of a project from start to finish, such as the Greg Shaffer bank stabilization project, would be a great way to show the public how to resolve stormwater and erosion issues within the greenway. The plan is to unveil the film of the workshop at the next public meeting in August.

Turtle Creek Gorge Greenway Plan

Steering Committee Meeting #7

1:30pm - Wednesday, May 26, 2010 - Murrysville Community Center

Steering Committee Meeting Summary

The Municipality of Murrysville has offered their council chambers to hold the next public meeting. The next public meeting can be filmed by the Murrysville video staff; however, they would have to be paid. Utilize the MS4 program as a spring board to promote this plan?? (John Turack's idea)

Conversation ensued over the overarching entity for the greenway. The idea was proposed to have an alliance of existing organizations—1 representative from each group and the alliance meets quarterly to discuss the greenway and what their individual groups are doing. Until this 501(c)3 group is formed, the Community Foundation of Westmoreland may be a good way to start collecting funds for high priority projects in the meantime.

Action: Betsy Aiken will confirm Dick Byers as a presenter. **Malcolm?** will confirm Chris Droste and Jim Pillsbury as presenters.

Action: Mackin to email / mail finalized Workshop Flyer to the various media outlets, study committee, stakeholders, municipalities, libraries, identified landowners, and public meeting participants.

Action: Mackin will mail hard copies of the flyer to Rey Peduzzi and Marylyn Devlin.

4. Recommendations

Mackin distributed a handout containing the updated draft recommendations for the Greenway Plan, organized by the project goals. Updates to the recommendations were based on Mackin's additional fieldview and research.

The study committee provided the following comments on the draft recommendations:

- Concern that the recommendations are targeted more towards municipalities, which don't have funding. Grants and funding opportunities will be included as part of the recommendations.
- Adopting an official map for municipalities can be very difficult and controversial.
- Ordinances should be written simply and straightforward, so that the general public can understand them. The plan will focus mostly on updating existing ordinances; however, for any recommended new ordinances, Best Management Practices (BMPs) and model ordinances will be provided as examples to make the process easier.
- Allegheny County is currently updating their Subdivision and Land Development Ordinances (SALDO), which can be a model for any ordinance updates.
- For any invasive plant species removal, a special permit is needed for a person to utilize/apply a pesticide. Betsy Aiken requested that this be added as a recommendation, since Murrysville currently doesn't have a certified person.
- Pitcairn/Monroeville Sportsman's Club currently holds an Annual Trash Clean-up Day.

Turtle Creek Gorge Greenway Plan

Steering Committee Meeting #7

1:30pm - Wednesday, May 26, 2010 - Murrysville Community Center

Steering Committee Meeting Summary

- Amy Baer, a Gateway Science teacher, recently received funding for on-site water quality studies, which could possibly be performed in the Turtle Creek Watershed.
- Water quality studies have been performed on Turtle Creek and within the watershed. Primary sources of pollution include AMD, sediment from excess stormwater runoff, fertilizer/pesticides, and fecal coliform.
- Turtle Creek was stocked with trout last year.
- Change Murrysville Botanical Gardens to Society.

Action: Committee members are to review the recommendations and provide comments by ???.

5. Fieldwork

Mackin conducted a field view on Thursday, May 20th. Mackin identified potential pilot project sites, took photographs of high priority areas, and identified issues and opportunities.

Action: If Committee members have any photographs of local parks, events, service projects, etc. within the Greenway that they would like to include in the plan, please email them to Amy at (awiles@mackinengineering.com).

6. Next Meeting

The next meeting will be the Public Educational Workshop on Thursday, June 17, 2010. *Note: We will be meeting MONTHLY rather than bi-monthly for the duration of the project.*

7. Adjourn

The meeting was adjourned at 3:15 pm.

Turtle Creek Greenway Plan

Steering Committee Meeting

1:30pm – Wednesday, August 4, 2010 – Murrysville Community Center
Meeting Summary

1. Welcome & Introductions

Amy Wiles opened the meeting at 1:30 pm. The following people were in attendance:

- * Amy Myers, Allegheny County Conservation District
- * Betsy Aiken, Westmoreland Land Trust and Murrysville Parks & Recreation
- * Noel Grimm, Westmoreland Heritage Trail
- * Bruce Corna, Jr., Bruce Construction, LLC
- * Diane Selvaggio, Turtle Creek Watershed Assoc. & Duquesne University
- * Jim Kress, Turtle Creek Watershed Association
- * Malcolm Sias, Westmoreland County Parks and Regional Trail Corporation (RTC)
- * John Turack, Penn State Cooperative Extension
- * Mackin: Amy Wiles, AICP, Lead Senior Planner & Project Manager
- * Mackin: Jennifer Yeckel, Senior Environmental Scientist

2. June Public Workshop Summary

Mackin distributed a summary from the Public Educational Workshop that was held on Thursday, June 17. There was a good turnout; roughly 40 participants. The Committee was happy with the presenters and thought the workshop was a success and a better option than the traditional public meeting. The participants were engaged in the presentations and asked good questions of the presenters.

Jim Starr, Houston Starr Corporation, was in attendance. He had contacted Mackin after the meeting expressing concern that the maps were depicting that the project area is mostly public land. Mackin had explained during the workshop that the project area was mostly privately owned. To ensure this fact is clear, a note will be made in the video stating that this is the case. Before the video goes out for public view, the content and message of the video will be reviewed.

Action: Mackin to email Joe about scheduling a field visit with Diane, Malcolm, and/or Noel Grimm in order to get the video finished before the public meeting.

3. Review of Recommendations

Mackin distributed a map of the Greenway that depicts the identified projects in addition to a matrix containing all of the recommendations. Committee members were then asked to rank the priorities—high, medium, low and to identify potential responsible party and partners. Committee members were asked to identify high, medium, and low priorities for each goal statement.

Discussion ensued regarding the recommendations after the exercise. Concern was expressed over the limited resources available—time, money, and volunteers—to complete these proposed recommendations. The funding available is limited so it is difficult to try to rank the recommendations taking into consideration the current economic situation.

Turtle Creek Greenway Plan Steering Committee Meeting

1:30pm – Wednesday, August 4, 2010 – Murrysville Community Center
Meeting Summary

Action: Mackin will email the recommendations to the remainder of the SC for ranking.

4. Implementing Organization

Conversation ensued over what organization should be responsible for implementation of the greenways plan. One of the issues at hand is that the Greenway spans two counties, which makes coordination somewhat difficult. While the TCWA could be an umbrella organization, it doesn't have the capacity (staff, time or resources) to take on that responsibility. The Committee then discussed how public access to and within the Greenway is ultimately the key to implementation and that a trail needs to be the top priority. A trail organization, which could be formed as a subsidiary to the Regional Trail Corporation, could then take the lead for implementation and incorporate conservation efforts as part of their mission.

Action: A recommendation will be included that the counties (community and economic development representatives) take the lead on the trail concept from an economic development standpoint.

5. Final Public Meeting

A final public meeting will be held to present the draft plan to the public and kick off the 45-day public comment period. The Committee anticipates the end of September; however, Mackin will coordinate with Joe to ensure that the video will be complete by then. The meeting will be held in the Murrysville Council Chambers as an open house from 6-8pm; where the video will be run on a loop and maps and recommendations will be on display for people to view and provide comment.

To keep the momentum of the project going, a Turtle Creek clean-up will be scheduled for early October. Participants at the public meeting will have the opportunity to sign up for the event at the meeting.

Action: Betsy will contact Murrysville to see what dates the Chamber is free.

Action: Diane will contact the local sportsman's clubs and see if they are interested in holding a litter clean up day in early October.

6. Draft Plan Review

Mackin reviewed the sections of the Plan—Introduction, Natural Resources Inventory, Property Owners, and Recommendations. The Draft Plan will be sent to the Committee for review at the beginning of September. After those comments are addressed, the Draft Plan will be submitted to DCNR and then presented to the public at the Public Meeting at the end of September.

Turtle Creek Greenway Plan Steering Committee Meeting

1:30pm – Wednesday, August 4, 2010 – Murrysville Community Center
Meeting Summary

The study committee suggested addressing the economic issue in the plan. A statement should be made that public access to the Greenway, and therefore developing the trail, is key to implementing any of the recommendations proposed. Providing access will provide the impetus to rally interest in the Greenway from all stakeholders—the public, local municipalities, non-profits, etc. Public access is the key to recreation, conservation, and education efforts.

In the interim, the video can be used for educational purposes to show the public and public officials about the issues that exist in the Greenway, relay the economic potential of developing a trail, and develop community support.

Action: The plan will reflect the overarching need for public access to and within the Greenway as the key to implementation. Information will also be included in the plan that addresses the Greenway from an economic perspective and how it is beneficial to the communities.

Action: Mackin will add a management strategy about the potential for economic development in the area.

Action: Mackin will provide the draft report to Malcolm to review first to ensure the proper message is being conveyed.

Action: Malcolm will talk to representatives at Westmoreland County regarding a meeting with the railroad owners to talk about the benefits (economics, recreation, etc.) of developing a trail.

7. Adjourn

The meeting was adjourned at 3:45 pm.

Turtle Creek Greenway Plan

Final Steering Committee Meeting

1:30pm - Thursday, December 16, 2010 – Murrysville Community Center
Meeting Summary

1. Welcome & Introductions

Amy Wiles opened the meeting at 1:30 pm. The following people were in attendance:

- * Betsy Aiken, Westmoreland Land Trust and Murrysville Parks & Recreation
- * Bruce Corna, Jr., Bruce Construction, LLC and Westmoreland Land Trust
- * Rob Cronauer, Westmoreland Conservation District
- * Tom Dittman, Regional Trail Corporation
- * Alex Graziani, Smart Growth Partnership of Westmoreland County
- * Noel Grimm, Westmoreland Heritage Trail
- * Rey Peduzzi, Trafford Borough
- * Jesse Jon Salensky, Bruce Construction
- * Diane Selvaggio, Turtle Creek Watershed Assoc. & Duquesne University
- * Malcolm Sias, Westmoreland County Parks and Regional Trail Corporation (RTC)
- * Mackin: Amy Wiles, AICP, Lead Senior Planner & Project Manager

2. Draft Plan

The draft plan was made available for review by the Committee on Mackin's FTP site. In addition, the draft plan has been reviewed by DCNR and a letter was received from Monica Hoffman detailing comments that need to be addressed. The comments are minor in nature and all will be addressed by Mackin.

Action: Mackin will finalize the plan based on comments received.

3. Greenway Video

The draft video was sent from Joe Mendicino and showed to the Committee members. After viewing the video, the Committee had several comments regarding the final video. The video will serve as the executive summary for the final plan.

Action: Amy and Malcolm will contact Joe to see if he is willing to make the final edits.

Note: Several attempts to contact Joe were unsuccessful. Therefore, the final video will be completed by Video Graphics, Inc. of Greensburg.

Turtle Creek Greenway Plan
Final Steering Committee Meeting

1:30pm - Thursday, December 16, 2010 – Murrysville Community Center
Meeting Summary

4. Final Public Meeting

The final public meeting is scheduled for Thursday, January 27, 2011 at 7:00pm. The meeting will be held at the Murrysville Council Chambers and broadcast live on their local cable channel 19. After that meeting, the plan will be finalized.

Action: Mackin will send a press release to local newspapers and flyers to Committee members to distribute.

6. Adjourn

The meeting was adjourned at 3:45 pm.





Appendix D—Stakeholder Interviews

Turtle Creek Greenway Plan (TCGP)

Stakeholder Interview Questionnaire

Name: Alexander J. Graziani, AICP

Mailing Address: 226 Donohoe Road, Ste. 105

City / State / Zip: Greensburg, PA 15601

Phone #: 724-552-0118

Affiliation: Smart Growth Partnership / Westmoreland Land Trust

E-mail: alex@smartgrowthpa.org

- 1. Please briefly describe the mission of your organization, including how your organization utilizes and/or is involved with the natural (land, water, biological), recreational, and cultural (historic sites and archaeological sites) resources of the Turtle Creek Greenway.**

The Smart Growth Partnership is an advocate for the use of the ten smart growth principles through education and technical assistance. I am a Westmoreland Land Trust board member.

- 2. Has your organization identified any issues within the Greenway?**

Transfer all development rights to protect the land from development.

- 3. Does your organization have any current or future projects planned within, adjacent, or nearby the Greenway? If so, what is the status?**

The Land Trust may be interested in acquiring land for preservation in the corridor.

- 4. What changes (positive and negative) have you seen within the Turtle Creek Greenway within the last 10 years?**

NA

5. Do you have a vision of what you would like the Turtle Creek Greenway to look like in 10 years?

Rail line with trail, like 5 Star in Greensburg.

6. What recommendations do you have to protect and/or improve the natural, recreational, and cultural resources within the Greenway?

Work with the Land Trust. Transfer development rights.

7. What might prevent the Turtle Creek Greenway Plan from being successful?

Resources to preserve.

8. What would you like to see in terms of access provided to the Greenway?

As able to have a trail alongside the railroad.

9. Do you know of any other individuals who are knowledgeable of the Turtle Creek Greenway that should be interviewed as a stakeholder?

10. Would your group be willing to partner with other local organizations to protect and improve the Greenway?

Yes

11. If we have any additional questions is it okay if we follow up with you? Email or Phone?

Yes

12. Any additional comments?



Turtle Creek Greenway Plan (TCGP)

Stakeholder Interview Questionnaire

Name: Amy Myers

Mailing Address: 400 North Lexington St.

City / State / Zip: Pittsburgh, PA 15208 Phone #: 412-241-7645

Affiliation: Allegheny County Conservation District E-mail: abmyers@covad.net

1. Please briefly describe the mission of your organization, including how your organization utilizes and/or is involved with the natural (land, water, biological), recreational, and cultural (historic sites and archaeological sites) resources of the Turtle Creek Greenway.

The Allegheny County Conservation District is an agency of State government having as its mission the conservation of the County's soil and water resources.

2. Has your organization identified any issues within the Greenway?

Severe bank erosion, excess sedimentation, and stormwater runoff

3. Does your organization have any current or future projects planned within, adjacent, or nearby the Greenway? If so, what is the status?

Not at this time.

4. What changes (positive and negative) have you seen within the Turtle Creek Greenway within the last 10 years?

I haven't lived here that long to really be able to answer that question.

5. Do you have a vision of what you would like the Turtle Creek Greenway to look like in 10 years?

I would like to see the stream restored, and be usable (hiking, fishing, etc) to nearby residence within the Turtle Creek Watershed. I think it is one of the few natural assets that many people could take advantage of in an increasingly urban area.

6. What recommendations do you have to protect and/or improve the natural, recreational, and cultural resources within the Greenway?

Obtaining the cooperation and support of the surrounding community and landowners for the Greenway seems pretty key. Also recognition of this area by they state and local governments as a natural area which should be set aside would be very beneficial.

7. What might prevent the Turtle Creek Greenway Plan from being successful?

Uncooperative landowners and lack of financial support.

8. What would you like to see in terms of access provided to the Greenway?

I would like to see better access to the stream for recreation as well as more formal parking areas and access to the trail.

9. Do you know of any other individuals who are knowledgeable of the Turtle Creek Greenway that should be interviewed as a stakeholder?

No.

10. Would your group be willing to partner with other local organizations to protect and improve the Greenway?

Maybe.

11. If we have any additional questions is it okay if we follow up with you? Email or Phone?

Sure.

12. Any additional comments?

No.

Turtle Creek Greenway Plan (TCGP)

Stakeholder Interview Questionnaire

Name: Ben Sampson

Mailing Address: 2500 Eldo Rd. Monroeville, PA
15146

City / State / Zip: Monroeville, PA 15146

Phone #: 412-374-1060

Affiliation: Chairman of Parks Commission

E-mail: bsampson@sampsonmorrisgroup.com

1. Please briefly describe the mission of your organization, including how your organization utilizes and/or is involved with the natural (land, water, biological), recreational, and cultural (historic sites and archaeological sites) resources of the Turtle Creek Greenway.

The Murrysville Park Commission represents the municipality of Murrysville in advising the best use of its parks and open space for recreation and conservation. Turtle Creek is the main watershed in the community and affects many of its parks and much of its open space.

2. Has your organization identified any issues within the Greenway?

The Turtle Creek Greenway is adjacent to and contributes to the symbiotic relationship between our park system and its ecological balance.

3. Does your organization have any current or future projects planned within, adjacent, or nearby the Greenway? If so, what is the status?

Yes, our trail system could ultimately tie into the greenway and our invasive plant study and control efforts could extend to the greenway and also be affected by its ecological status.

4. What changes (positive and negative) have you seen within the Turtle Creek Greenway within the last 10 years?

We have experienced a significant gasoline spill recently from a ruptured transmission line.

5. Do you have a vision of what you would like the Turtle Creek Greenway to look like in 10 years?

We would like to see public trails and access – both pedestrian and bicycle, also preservation of the riparian woodlands would protect the streams ecosystem.

6. What recommendations do you have to protect and/or improve the natural, recreational, and cultural resources within the Greenway?

Develop a constituency among the public to promote awareness and use.

7. What might prevent the Turtle Creek Greenway Plan from being successful?

Lack of leadership and follow through.

8. What would you like to see in terms of access provided to the Greenway?

Dedicated trails and access

9. Do you know of any other individuals who are knowledgeable of the Turtle Creek Greenway that should be interviewed as a stakeholder?

No

10. Would your group be willing to partner with other local organizations to protect and improve the Greenway?

Yes

11. If we have any additional questions is it okay if we follow up with you? Email or Phone?

Yes

12. Any additional comments?

Project has value



Turtle Creek Greenway Plan (TCGP)

Stakeholder Interview Questionnaire

Name: Mailing Address: Betsy Aiken
City / State / Zip: Phone #: 4106 Hilty Road
Export, PA 15632
Affiliation: E-mail: 724 325-4026
baiken@infionline.net

Friends of Murrysville Parks (FOMP)

Murrysville Trail Alliance (MTA)

1. Please briefly describe the mission of your organization, including how your organization utilizes and/or is involved with the natural (land, water, biological), recreational, and cultural (historic sites and archaeological sites) resources of the Turtle Creek Greenway.

FOMP works to promote knowledge and appreciation of Murrysville's park resources, and also works to support the efforts of Murrysville park volunteers to control invasive plants in Murrysville parks.

MTA works to promote and support the development of interconnected trails and greenways throughout Murrysville.

2. Has your organization identified any issues within the Greenway?

FOMP: The Greenways holds significant numbers of Japanese knotweed, an especially pernicious invasive plant.

MTA: The possibility of a regional recreational trail running through the Greenway is thrilling, as to some extent such a trail could serve as the focal point and backbone of a community trail system.

3. Does your organization have any current or future projects planned within, adjacent, or nearby the Greenway? If so, what is the status?

FOMP: Murrysville park volunteers work extensively to control invasive plants in Duff Park. FOMP has sponsored an ongoing study of the effectiveness of invasive plant control in the park, making use of GIS mapping of invasive plant populations. FOMP has hosted wildflower and forest hikes through Duff Park, and is currently developing a proposal for an education "tree walk" through Duff Park that will feature small signs at several trailside specimen trees and a printed guide with a map.

MTA is working to advance a "Trails Proposal" for Murrysville, which features a number of prospective trails throughout the community. One trail in the proposal runs along Turtle Creek just beyond (east of) the eastern boundary of the study area; it is envisioned that this trail will connect to a future TCG trail, or

to an existing trail running within Duff Park, just inside of its northern boundary.

4. What changes (positive and negative) have you seen within the Turtle Creek Greenway within the last 10 years?

FOMP: Proliferation of Japanese knotweed and other invasive species.
Less industrial use of the Gorge.

MTA: Increased recognition of the value of the Gorge's conservation.

5. Do you have a vision of what you would like the Turtle Creek Greenway to look like in 10 years?

The Turtle Creek Greenway would be a conserved area*, with public ownership of land or easements and public access to much of the Gorge. Good stewardship would mean prioritization of invasive plant control efforts, and application of resources to controlling those plants that are the most damaging (i.e., Japanese knotweed). The Greenway would hold an extension of the WHT bikeway, which will be a recreational focus for the TCG communities of Murrysville, Penn Township, Monroeville, and Trafford. The Greenway would also encompass enough uphill acreage to protect its viewshed and naturally control stormwater to mitigate potential for flooding

6. What recommendations do you have to protect and/or improve the natural, recreational, and cultural resources within the Greenway?

FOMP: Develop cooperative plan for control of Japanese knotweed.

Identify any historical resources, and evaluate their preservation and use.

Develop plan for conservation....

Address question of fee ownership vs conservation easements

Resolve question of entity to spearhead conservation and own land or easements

Prioritize acquisitions, giving heightened attention to parcels providing access to Gorge for recreational uses

7. What might prevent the Turtle Creek Greenway Plan from being successful?

Insufficient funding

Inadequate resources (manpower, organizational backing) to drive project

Conflicts between stakeholders

8. What would you like to see in terms of access provided to the Greenway?

Ready public access from a number of points, serving all stakeholder communities.

9. Do you know of any other individuals who are knowledgeable of the Turtle Creek Greenway that should be interviewed as a stakeholder?

“Old-timers” that can provide history of Gorge (do not know names off-hand).

10. Would your group be willing to partner with other local organizations to protect and improve the Greenway?

FOMP – yes.

MTA – yes.

11. If we have any additional questions is it okay if we follow up with you? Email or Phone?

Yes, either.

12. Any additional comments?

This is an exciting project, creating tremendous possibilities for the future!

Turtle Creek Greenway Plan (TCGP)
Stakeholder Interview Questionnaire

Name: Bruce J Corna Jr.
Mailing Address: 4263 Old William Penn Hwy.
City / Murrysville State / Pa Zip: 15668
Phone #: 724.396.0930
Affiliation: Westmoreland Land Trust / Murrysville Resident
E-mail: Bcorna@bruceconstructionllc.com

1. Please briefly describe the mission of your organization, including how your organization utilizes and/or is involved with the natural (land, water, biological), recreational, and cultural (historic sites and archaeological sites) resources of the Turtle Creek Greenway.

Land use plays a crucial role in determining the future of a region.

Citizens throughout the county have stated that their number one priority is to retain the predominant rural character of Westmoreland County.*

The primary land use objective in Westmoreland County, as identified in the comprehensive plan, is to provide a balance between development and preservation. The land trust is an important addition to the organizations that are already actively working to help achieve that balance because, on the conservation side, the trust has the potential to preserve a wide variety of types of land – such as land that offers scenic vistas, tracts that help to create larger greenway corridors through the county, and sensitive areas that are under pressure for development.

2. Has your organization identified any issues within the Greenway?

Not that I am aware were discussed

3. Does your organization have any current or future projects planned within, adjacent, or nearby the Greenway? If so, what is the status?

There is a project in the works but I don't know that I am at liberty to disclose the information surrounding it at this time.

4. What changes (positive and negative) have you seen within the Turtle Creek Greenway within the last 10 years?

Positive change has been the amount of use it is getting by residents of local communities. The only negative I can see is the encroachment of invasive plant species.

5. Do you have a vision of what you would like the Turtle Creek Greenway to look like in 10 years?

I do

6. What recommendations do you have to protect and/or improve the natural, recreational, and cultural resources within the Greenway?

There are a variety of things that need to be addressed but public buy in and participation are the most critical component of making all of this a reality. Water quality is a major concern. Perhaps a partnership with Trout Unlimited or some other water specific organization would be a good way to share the vision. I would like to see, as I think everybody would, the extension of the the current trail in Duff park.

7. What might prevent the Turtle Creek Greenway Plan from being successful?

Lack of public buy in, lack of funding, problems with adjacent land owners.

8. What would you like to see in terms of access provided to the Greenway?

Foot and bike traffic only from a variety of easily accessible areas.

9. Do you know of any other individuals who are knowledgeable of the Turtle Creek Greenway that should be interviewed as a stakeholder?

Not at this time

10. Would your group be willing to partner with other local organizations to protect and improve theGreenway?

I'm sure we would but would have to discuss it with our board.

11. If we have any additional questions is it okay if we follow up with you? Email or Phone?

Yes, either on would be fine

12. Any additional comments?

Not at this time

Turtle Creek Greenway Plan (TCGP)

Stakeholder Interview Questionnaire

Name: Cheryl Kemerer _____

Mailing Address: PO Box 452

City / State / Zip: Harrison City, PA 15636 Phone #: 724-744-2171 ext. 205

Affiliation: Penn Trafford Area Recreation Commission

E-mail: ckemerer@penntwp.org

Please briefly describe the mission of your organization, including how your organization utilizes and/or is involved with the natural (land, water, biological), recreational, and cultural (historic sites and archaeological sites) resources of the Turtle Creek Greenway.

The Penn Trafford Area Recreation Commission is a non-profit, intergovernmental agency serving the residents of the Penn Trafford School District which includes Penn Township and Trafford Borough. Our mission is to provide life-long learning, fitness and fun through the implementation of wholesome, affordable recreation activities and the development of safe, appealing facilities.

Has your organization identified any issues within the Greenway?

No

Does your organization have any current or future projects planned within, adjacent, or nearby the Greenway? If so, what is the status?

Yes. We will be re-developing the playground facilities within the Trafford BY Park and we would like to develop a new skate park within the Trafford BY Park as well.

What changes (positive and negative) have you seen within the Turtle Creek Greenway within the last 10 years?

New housing developments adjacent and nearby

Do you have a vision of what you would like the Turtle Creek Greenway to look like in 10 years?

Preservation of natural habitat is imperative with access for residents to discover and enjoy its natural beauty, exercise in the outdoors, learn about the environment through interpretive signage.

What recommendations do you have to protect and/or improve the natural, recreational, and cultural resources within the Greenway?

Each community must designate the corridor for conservation preserving the natural habitat and limiting development.

What might prevent the Turtle Creek Greenway Plan from being successful?

Local residents and elected officials need to be educated about the benefits to them and their community. The municipalities need to work together to develop access to their residents and preserve the natural habitats, as well as develop a maintenance plan for the access facilities.

What would you like to see in terms of access provided to the Greenway?

Signage and parking in each park accessing the corridor would provide multiple use of access facilities and minimize development areas and costs. Motorized vehicles should be prohibited other than in parking areas.

Do you know of any other individuals who are knowledgeable of the Turtle Creek Greenway that should be interviewed as a stakeholder?

Would your group be willing to partner with other local organizations to protect and improve the Greenway?

Possibly. I would have to approach my Board. This is the kind of facility that we should support and participate in.

If we have any additional questions is it okay if we follow up with you? Email or Phone?

Of course.

Any additional comments?

Good luck. This is a great start to greenway corridors in our area. We need to expand these kinds of facilities within the Penn Trafford area.

From: chris droste [mailto:cedroste@yahoo.com]
Sent: Wednesday, April 21, 2010 11:00 AM
To: Amy Lynn Wiles
Cc: chris D
Subject: RE: Turtle Creek Greenway Update

I could not put this in Word format, so here is my response to the questionnaire.

Chris Droste
westmoreland Conservation District
218 Donohoe Road
Greensburg, PA 15601
724-837-5271 chris@wcdpa.com or cedroste@yahoo.com

1.

Mission

The Westmoreland Conservation District promotes, educates, and implements conservation principles through examples and programs. We encourage best management practices and voluntary compliance of laws. Our Board of Directors, professionals, and volunteers are committed to the leadership and service required in pursuing a better environment. We use our skills and talents, and the cooperation of our partners, to build a culture of responsible stewardship and sustainability.

2. There are many stormwater problems from uncontrolled land development done in the 60's, 70's and 80's, from Penn Twp, monroeville, murrysville area. There have been flooding and erosion problems to the greenway area along turtle creek. Erosion of the stream banks are a major concern. land is lost, sedimentation exists, we loose millions of tons of soil each year.

3. WCD is currently engaged into a project with a land owner Greg Shaffer at saunders station bridge several 1,000 feet of stream bank protection from grant moneys

4. The postive changes are that TCWA has cleaned up trash in saunders station area, murrysville is eradicating japanese knotweed in duff park area. The negative is the flooding, severe erosion to the banks of turtle creek.

5. A vision would be to preserve this corridor as is, allow people to use it wisely for recreation, fishing, hiking, passive recreation. Protect the slopes from erosion from stormwater runoff, Reduce and repair the erosion going on now to turtle creek. .

6. Establish a plan to reduce the stormwater runoff from municipities that drain in the corridor bluffs. Secure funding to do the work, Create a forest management plan and vegetation management plan to eradicate the japanese knotweed, allowing native vegetation to grow and thrive to protect the banks from erosion.

7. Funding from growing greener is going away. foundation support diminishes. landowner participation may not occur for easements to do stormwater pond installation.
8. The heritage trail is the proposed access. there is access at saunders station road that exists to access for fishing. We need parking off trafford road in murrysville,
9. The fish commision should be contacted.
10. We partner with all groups and cooperate with all municipalities. We engage in partnerships with municipal government and have good relationships with all involved in westmoreland county.
11. You can contact me both phone and email and letter.
12. The comments that I would have would include: securing funding to do a master plan of action to start out with managing stormwater in all areas, design the controls, secure the funding. Then start with vegetation management, plans to remove the knotweed invasives and install native planting. Forest management plans need installed. you may need to log out stuff and plan others. riparian corridor plans need shaped. school groups can help, college grad students, etc.

Thanks for engaging the WCD into the discussion groups

Chris Droste
WCD

Christopher E. Droste
Senior Erosion Control Specialist
Westmoreland Conservation District
PH: 724-837-5271
FX: 724-837-4127
cedroste@yahoo.com
www.wcdpa.com

Turtle Creek Greenway Plan (TCGP)

Stakeholder Interview Questionnaire

Name: Diane Selvaggio **Mailing Address:** 5096 Hardt Road
Gibsonia, PA 15044

Phone #: 724/443-0375

Affiliation: Turtle Creek Watershed Association **E-mail:** good.fish@live.com

1. Please briefly describe the mission of your organization, including how your organization utilizes and/or is involved with the natural (land, water, biological), recreational, and cultural (historic sites and archaeological sites) resources of the Turtle Creek Greenway.

TCWA's mission is to promote the conservation of the natural resources of the Turtle Creek watershed by:

- Conducting watershed-related educational and scientific investigations &/or research;
- Educating individuals, schools, organizations, and communities to the value of sound conservation techniques to protect natural resources - the basis for safe drinking water, improved flood control, invigorated quality of life, and stable property values;
- Participating in existing beneficial government programs that enhance watershed protection and promoting additional multi-municipal cooperation; and
- Promoting local interest in the conservation of natural resources in the watershed and encouraging local support for programs that correct or improve water quality and quantity problems.

Overall, there are four major, and inter-related, problems in our watershed, and all impact the future Greenway:

Streambank Stabilization – failures throughout the watershed are increasing – exacerbated by zoning ordinances in most of our 33 municipalities that do not consider or protect natural stream features and the development resulting from those. Erosion and sedimentation problems affect water quality, fish stocking and survival, recreation potential and economic benefits, and flooding potential.

Stormwater Management – without the expected funding from the state and the counties for Act 167 Stormwater Planning Updates, our municipalities are at a disadvantage when creating a united front in addressing stormwater-related issues. TCWA has been working with the municipalities, the Center for Environmental Research and Education, and 3 Rivers Wet Weather Demonstration Program to do some comprehensive planning.

Abandoned Mine Drainage Remediation – of the three main sections of Turtle Creek and its eleven tributaries, only two are not impacted by AMD. Located at the top of the Irwin Syncline, the reduced amount of overburden and limited amounts of limestone within that overburden result in low pH water containing significant amounts of iron, aluminum, and sulfur. Development in areas where the largest discharges occur limits treatment options and provides other challenges to develop site-specific hybridized systems.

Education - over 193,000 people live in the watershed's 147 square miles. Many of them are keenly aware of the problems we all face, but not the origins of those problems. They have little understanding of how their actions or those of their elected officials impact our water-related issues. However, once they become informed about concepts such as "You dump it, you drink it," or "You are paying for flood damages even if erosion and flooding don't hit you directly," their changes in thinking bring changes in behaviors that help resolve the problems.

2. Has your organization identified any issues within the Greenway?

See Answer #1.

Excessive stormwater runoff, the resulting erosion and flooding are doing significant damage to the Greenway area.

Mine drainage from the abandoned Delmont Mine, Export Mine, and Lyons Run Mine contaminates Turtle Creek.

As the public slowly becomes more aware of the issues and the potential solutions, there is more political will to address these issues.

3. Does your organization have any current or future projects planned within, adjacent, or nearby the Greenway? If so, what is the status?

We have been working to address AMD, streambank stabilization, and stormwater issues impacting Turtle Creek in the greenway area. Lacking of funding has slowed or stopped our progress.

4. What changes (positive and negative) have you seen within the Turtle Creek Greenway within the last 10 years?

Stormwater runoff volumes have increased substantially, causing more frequent and serious flooding episodes, and bank stabilization problems have increased proportionally.

5. Do you have a vision of what you would like the Turtle Creek Greenway to look like in 10 years?

Broad community support and engagement. Recognition of the Greenway as a valuable community asset. Better stormwater management education, planning, and technical alternatives in place within the community. All property within view when walking beside the stream would have been secured in some manner. Streambank stabilization projects underway. Invasive species under control, native vegetation preserved and enhanced. Incorporated environmental education opportunities. Biking/hiking trail under construction, with some sections completed. Expansion plans finalized for an extension from Trafford to Keystone Commons in Turtle Creek.

6. What recommendations do you have to protect and/or improve the natural, recreational, and cultural resources within the Greenway?

Community education. Community education. Community education on all levels to insure the Greenway's general perception as a community asset and to create the political will to insure the Greenway's future.

7. What might prevent the Turtle Creek Greenway Plan from being successful?

Lack of community perception of the Greenway as an asset.

Perception that land is being “taken.”

Perception that any land not “developed” to create a dollar gain for someone hurts the community.

A political movement against all things “environmental” driven by the belief that “environmental” protection and preservation efforts impede “real world” economic development. There are several key elected Republicans who have already challenged or killed a few good projects that would save their communities money, would enhance the local quality of life amenities, or would protect residents’ property that have been scuttled by Republicans reluctant to go on record as supporting anything “green.”

Lack of adequate funding.

Improper planning that creates problems.

8. What would you like to see in terms of access provided to the Greenway?

I discovered a while ago that the more access people have to a natural area (and the more they stay on marked trails while visiting), the more likely that area will be to have the kind of community protection it needs for the long term.

No specific suggestions for access points, but if we can use those now readily available, that would be good. If we can have a reasonably long section being handicapped accessible, with ready access points at each end of the section, that would be wonderful.

9. Do you know of any other individuals who are knowledgeable of the Turtle Creek Greenway that should be interviewed as a stakeholder?

Can’t think of anyone right now.

10. Would your group be willing to partner with other local organizations to protect and improve the Greenway?

Yes.

11. If we have any additional questions is it okay if we follow up with you? Email or Phone?

Yes. good.fish@live.com 412/396-1550

12. Any additional comments?

No.

Turtle Creek Greenway Plan Questionnaire

1. The mission of the Pennsylvania Fish & Boat Commission (PFBC) is to protect, conserve, and enhance the Commonwealth's aquatic resources and provide fishing and boating opportunities. The PFBC stocks brown trout and rainbow trout twice in the spring for recreational angling opportunities in a 3.9 mile section of Turtle Creek from Saunders Station Bridge to the mouth of Brush Creek.
2. There are a number of issues that impact the aquatic life in Turtle Creek including mine drainage, stormwater runoff, sewage, industrial effluents, lack of adequate riparian zone width, stream bank erosion and sedimentation. Some of these issues are located within the greenway.
3. The PFBC was involved with the Trafford Dam Removal Project.
4. I have not spent a lot of time on Turtle Creek nor able to keep up with the status of projects in the watershed.
5. A stream that can support a more diverse aquatic community.
6. Recommendations: clean up AMD, reduce stormwater runoff, increase riparian zone width, conduct more stream bank stabilization projects, obtain easements for conservation and public fishing.
7. Obtaining funding to conduct projects and obtain easement
8. I would like to see more access to public fishing on Turtle Creek.
9. No
10. The PFBC would be willing to partner on certain types of projects.
11. Yes

Turtle Creek Greenway Plan (TCGP)

Name: Greg Holesh
City / State / Zip: Apollo, PA 15613
Affiliation: Ecological Restoration, Inc.

Mailing Address: 194 Goodview Or
Phone #: (724) 727-5771
E-mail: gholesh@ecorestinc.com

Please briefly describe the mission of your organization, including how your organization utilizes and/or is involved with the natural (land, water, biological), recreational, and cultural (historic sites and archaeological sites) resources of the Turtle Creek Greenway.

Ecological Restoration, Inc is a specialty construction company focusing on wetlands, streams & revegetation. We also have a full service nursery/greenhouse. We are located in Westmoreland City.

Has your organization identified any issues within the Greenway?

No.

Does your organization have any current or future projects planned within, adjacent, or nearby the Greenway? If so, what is the status?

No.

What changes (positive and negative) have you seen within the Turtle Creek Greenway within the last 10 years?

I don't live in/near greenway, but I have noticed increased erosion in along the stream.

Do you have a vision of what you would like the Turtle Creek Greenway to look like in 10 years?

More stable stream, fewer invasive plants.

What recommendations do you have to protect and/or improve the natural, recreational, and cultural resources within the Greenway?

Maybe start w/ Pa FDC to begin designs for stream restoration.

What might prevent the Turtle Creek Greenway Plan from being successful?

\$\$. The rail is also an issue. W/o rail/trail to build the project it may not work.

What would you like to see in terms of access provided to the Greenway?

Minimal. Maybe a few select locations.

Do you know of any other individuals who are knowledgeable of the Turtle Creek Greenway that should be interviewed as a stakeholder?

No.

Would your group be willing to partner with other local organizations to protect and improve the Greenway?

Yes

If we have any additional questions is it okay if we follow up with you? Email or Phone?

Yes

Any additional comments?

No.

Turtle Creek Greenway Plan (TCGP)

Stakeholder Interview Questionnaire

Name: Jerome Wolfe

Mailing Address: 2380 Flagstaff Dr.

City / State / Zip: Export, PA 15632

Phone #: 724 327-5159

Affiliation: Citizens for the Preservation

E-mail: CPRMPAC@Yahoo.com

Of Rural Murrysville (CPRM)

1. Please briefly describe the mission of your organization, including how your organization utilizes and/or is involved with the natural (land, water, biological), recreational, and cultural (historic sites and archaeological sites) resources of the Turtle Creek Greenway.

CPRM is dedicated to the preservation of the rural characteristics of Murrysville, PA. The Organization was formed in 2008 and incorporated in 2009. Its mission is to be pro-active in community affairs and specifically in development projects in order to bring about the best type of sustainable growth in Murrysville.

2. Has your organization identified any issues within the Greenway?

CPRM has identified issues, such as the General Business District Overlay Ordinance as not being in the best interests or the wishes of the citizens of Murrysville. Business development such as the Marketplace on 22 has resulted in commercial development on residentially zoned property with potential problems for the town of Export, PA in increased flooding.

3. Does your organization have any current or future projects planned within, adjacent, or nearby the Greenway? If so, what is the status?

CPRM does not initiate projects, but either supports or objects to other organizations on an individual basis.

4. What changes (positive and negative) have you seen within the Turtle Creek Greenway within the last 10 years?

As a positive, we have seen Turtle Creek cleaned up and the acid content reduced.

The increase in development, both commercial and residential, as well as the reconstruction of US Route 22, has had a serious effect on the Borough of Export, PA. There have been two serious floods in the past two years resulting in substantial and costly damage to the residents. Development projects currently planned are likely to aggravate the problem.

5. Do you have a vision of what you would like the Turtle Creek Greenway to look like in 10 years?

We would hope the Turtle Creek Greenway would become an area in which residents could visit and enjoy as an undisturbed area as close to its natural state as possible. Visiting and undisturbed may be contradictory terms unless considerable thought is given.

6. What recommendations do you have to protect and/or improve the natural, recreational, and cultural resources within the Greenway?

CPRM has not given much thought to the Greenway up until now. We would encourage any efforts that would help retain its natural condition.

7. What might prevent the Turtle Creek Greenway Plan from being successful?

Encroachment on and run-off from residential and commercial development are most likely to have a negative impact.

8. What would you like to see in terms of access provided to the Greenway?

A walking and/or bicycle trail (unpaved) would be desirable. There would need to be a parking area(s) for access, and regular maintenance of the Greenway to remove trash is necessary. Volunteer organizations such as service clubs or Boy Scouts would be ideal to keep the Greenway from becoming a tax burden to the communities.

9. Do you know of any other individuals who are knowledgeable of the Turtle Creek Greenway that should be interviewed as a stakeholder?

We are not aware of other organizations, but the Borough of Export surely has a vested interest.

10. Would your group be willing to partner with other local organizations to protect and improve the Greenway?

CPRM would be willing to partner with others, however, our resources are limited and our mission is to be an advocate for the citizens of Murrysville. We do not know, at this time, what the community's feelings are about the Greenway.

11. If we have any additional questions is it okay if we follow up with you? Email or Phone?

12. Any additional comments?

We are certainly receptive to any questions you may have. E-mail would be the preferred way to contact us.

Turtle Creek Greenway Plan (TCGP)
Stakeholder Interview Questionnaire

Name: Jessica Stewart

Mailing Address: 409 Broad Street, Suite 206A

City / State / Zip: Sewickley, PA, 15143

Phone #: 412.741.2750

Affiliation: Conservation Planner, Allegheny Land Trust

E-mail: jstewart@alleghenylantrust.org

1. Please briefly describe the mission of your organization, including how your organization utilizes and/or is involved with the natural (land, water, biological), recreational, and cultural (historic sites and archaeological sites) resources of the Turtle Creek Greenway.

Allegheny Land Trust's mission is to serve as the lead land trust conserving and stewarding lands that support the scenic, recreational, and environmental well-being of communities in Allegheny County and its environs. Implementation of this mission has led to the creation of the Allegheny Land Trust's Greenprint. The Greenprint acts as a guide to strategic conservation identifying where biodiversity, scenic character, and lands with stormwater management value exist and overlap. Many lands that possess these attributes are located within the Turtle Creek Watershed. The Allegheny Land Trust has an interest in supporting activities in the watershed that promote the protection of such lands.

2. Has your organization identified any issues within the Greenway?

Within this watershed, and many others in the area, stormwater management is an issue that deserves attention and action.

A recent survey conducted by the Allegheny Land Trust and given to watershed organizations, including the Turtle Creek Watershed Association, revealed that mine drainage is another issue that affects the proposed Greenway area. The Allegheny Land Trust has dealt with this issue at our Wingfield Pines Conservation Area. The creation of a passive abandoned mine drainage treatment system will remove 43 tons of iron oxide from the mine drainage that enters Chartiers Creek, which runs through the site. It has also provided an opportunity to educate those visiting the site about the issue of Abandoned Mine Drainage. It is possible that this model could be used elsewhere to deal with the issue of mine drainage.

3. Does your organization have any current or future projects planned within, adjacent, or nearby the Greenway? If so, what is the status?

Not at this time. A desire and commitment from the communities to implement the Greenway Plan could leverage Allegheny Land Trust's involvement.

4. What changes (positive and negative) have you seen within the Turtle Creek Greenway within the last 10 years?

N.A.

5. Do you have a vision of what you would like the Turtle Creek Greenway to look like in 10 years?

In ten years the Greenway would be either complete or in the process of being established. It would be a Greenway that has many different functions and provides for the simultaneous occurrence of several complimentary activities. For instance, the Greenway has established habitat and migration corridors to increase biodiversity in the area. It also has corridors established for use by people to exercise, bird-watch, and take in the scenery. It has areas used by people for recreation, and other areas used for education. The Greenway is being supported by a robust community group who provide stewardship. Overall, the Greenway is an area that promotes the conservation of natural elements that provide us with benefits, such as stormwater management, while also promoting the health, wellness, and safety of the community.

6. What recommendations do you have to protect and/or improve the natural, recreational, and cultural resources within the Greenway?

Both the protection and improvement of these resources depends upon education and outreach to the community. People are unable to appreciate the value of something they know nothing about, therefore it is imperative that the resources and benefits provided by the Greenway are known and understood. Also, it is important to establish sustaining relationships with individuals and organizations that will support it in the long-term. Lastly, the value of these resources will be more fully supported when there is participation occurring across municipal borders and among elected officials. Local zoning ordinances need to be adopted that provide for the conservation of lands that offer substantial public benefits with a focus on protecting the most at risk lands.

7. What might prevent the Turtle Creek Greenway Plan from being successful?

Challenges to implementation of the Greenway Plan may arise from development and industry, as well as from municipalities with different priorities. Also, a lack of funding could prove a serious obstacle to overcome. Much of the success of the Greenway Plan will depend upon the support it receives from the communities involved and affected.

8. What would you like to see in terms of access provided to the Greenway?

Communities learn the true values and benefits provided by a resource, such as a Greenway, only by having the opportunity to build a connection and relationship with that resource. Therefore, access to the Greenway is a very important aspect of this project. It is necessary to generate community support and also to educate the public

about the benefits provided by natural infrastructure. Through education you are able to foster a culture of conservation that the community will perpetuate. It is important to balance access provided to the public with the needs of the biodiversity in the Greenway. The access that is granted to the public should not come at any cost to the health of those animals and plants found in the Greenway.

9. Do you know of any other individuals who are knowledgeable of the Turtle Creek Greenway that should be interviewed as a stakeholder?

N.A.

10. Would your group be willing to partner with other local organizations to protect and improve the Greenway?

Yes. Especially to protect those lands in Allegheny County identified in the Allegheny Land Trust Greenprint.

11. If we have any additional questions is it okay if we follow up with you? Email or phone?

Yes. Either. Email: jstewart@alleghenylantrust.org Phone: 412.741.2750

12. Additional Comments

Turtle Creek Greenway Plan (TCGP)

Stakeholder Interview Questionnaire

Name: Joseph Dietrick
City / State / Zip: Murrysville, PA 1568
Affiliation: Municipality of Murrysville

Mailing Address: 4100 Sardis Road
Phone #: 724-327-2100
E-mail: jdietrick@markosky.com

Please briefly describe the mission of your organization, including how your organization utilizes and/or is involved with the natural (land, water, biological), recreational, and cultural (historic sites and archaeological sites) resources of the Turtle Creek Greenway.

The Municipality of Murrysville is involved with the approval and review of land development plans. As such, the Municipality has developed ordinances regulating the disturbance of land and natural resources. The Municipality continues to work on improving these regulations in order to reduce the impact of development as much as possible.

Has your organization identified any issues within the Greenway?

Duff Park is a municipal park and Murrysville provides funding and resources to maintain and improve the park. In the past this work has consisted of repair the existing trails, stabilizing the stream banks and replanting vegetation.

Does your organization have any current or future projects planned within, adjacent, or nearby the Greenway? If so, what is the status?

I do not know of any current or new projects.

What changes (positive and negative) have you seen within the Turtle Creek Greenway within the last 10 years?

I think the Turtle Creek Greenway has improved greatly over the last 10 years. Turtle Creek appears to be more natural. The AMD that has polluted Turtle Creek in the past is still prevalent but the attempts to mitigate this problem are having a positive effect.

Do you have a vision of what you would like the Turtle Creek Greenway to look like in 10 years?

I would like to see a trail system that follows Turtle Creek and provides recreation for the local area. I would like to see Turtle Creek become a better stream for wildlife and fish. I hope that the efforts to reduce the impact of AMD continue.

What recommendations do you have to protect and/or improve the natural, recreational, and cultural resources within the Greenway?

I think it would be best if the different communities along the Turtle Creek Greenway can agree on a basic type of development for the Greenway. This would involve standards for trail construction and signage.

What might prevent the Turtle Creek Greenway Plan from being successful?

The same two things that keep any project from being successful; lack of interest and lack of funds.

What would you like to see in terms of access provided to the Greenway?

Since the Greenway is a resource for all to enjoy the access should accommodate all. The development of the access points should be based on the specific areas. All access will not be the same.

Do you know of any other individuals who are knowledgeable of the Turtle Creek Greenway that should be interviewed as a stakeholder?

Rob Hunter at the Municipality of Murrysville.

Would your group be willing to partner with other local organizations to protect and improve the Greenway?

The Murrysville Council is always open to partnering with other organizations to improve the area.

If we have any additional questions is it okay if we follow up with you? Email or Phone?

Listed above

Any additional comments?

Turtle Creek Greenway Plan (TCGP)

Stakeholder Interview Questionnaire

Name: John Turack Mailing Address: 214 Donohoe Road, Suite E
City / State / Zip: Greensburg, PA 15601 Phone #: 724-837-1402 x199
Affiliation: Westmoreland Cooperative Extension/SGP E-mail: jdt15@psu.edu

1. Please briefly describe the mission of your organization, including how your organization utilizes and/or is involved with the natural (land, water, biological), recreational, and cultural (historic sites and archaeological sites) resources of the Turtle Creek Greenway.

MISSION STATEMENT: The Smart Growth Partnership enables communities to enhance their viability, quality of life, and long-term sustainability by providing education and technical assistance, and by promoting smart growth principles.

The Mission of Penn State Cooperative Extension's Economic and Community Development

2. Has your organization identified any issues within the Greenway?

Yes, preserving and managing the Greenway is a very valuable effort, and one that should be done comprehensively. The corridor has been historically valuable not only for its natural resources, but also as a regional transportation corridor. All efforts to enhance and maximize its continuing use for complete or appropriate multi-modal transportation would be advised.

3. Does your organization have any current or future projects planned within, adjacent, or nearby the Greenway? If so, what is the status?

No, beyond assisting the municipalities and communities nearby with visioning and strategic planning processes when invited, and collaborating when appropriate with this effort.

4. What changes (positive and negative) have you seen within the Turtle Creek Greenway within the last 10 years?

There is much discussion currently about its possible uses, with a significant amount of public engagement in the decision-making process occurring. This is a positive.

5. Do you have a vision of what you would like the Turtle Creek Greenway to look like in 10 years?

Yes. A truly state-of-the-art, demonstration, multi-modal transportation and conservancy corridor, with its natural resources and historical assets conserved, preserved, protected, and or enhanced.

6. What recommendations do you have to protect and/or improve the natural, recreational, and cultural resources within the Greenway?

Continue and expand current citizen and public engagement efforts.

7. What might prevent the Turtle Creek Greenway Plan from being successful?

Insufficient early and continued citizen engagement.

8. What would you like to see in terms of access provided to the Greenway?

Major trail heads and/or multi-modal transportation nodes in appropriate locations at the bookends of the Greenway. and in the existing core communities (Commercial Districts, Major Employment Centers, Neighborhood Mixed-Use Business Districts (like Trafford and Export), Park and Rides, Transit Stations, etc.) with smaller neighborhood minor connections where/when appropriate and deemed feasible. As the corridor is re-utilized for

9. Do you know of any other individuals who are knowledgeable of the Turtle Creek Greenway that should be interviewed as a stakeholder?

Yes. I send on to the planning team as I discover them.

10. Would your group be willing to partner with other local organizations to protect and improve the Greenway?

I believe so.

11. If we have any additional questions is it okay if we follow up with you? Email or Phone?

Yes. However most appropriate for you.

12. Any additional comments?

Great work so far! Keep it up!

Turtle Creek Greenway Plan (TCGP)

Stakeholder Interview Questionnaire

**Name: Mailing Address: Malcolm N. Sias, 194 Donohoe Road, Greensburg Pa, 15601
City / State / Zip: Phone #: 724-830-3968**

Affiliation: Westmoreland County Bureau of Parks and Recreation & Regional Trail Corporation E-mail: msias@co.westmoreland.pa.us

1. Please briefly describe the mission of your organization, including how your organization utilizes and/or is involved with the natural (land, water, biological), recreational, and cultural (historic sites and archaeological sites) resources of the Turtle Creek Greenway.

The mission of the Regional Trail Corporation is to acquire, develop, manage and maintain appropriate trail and water corridors within southwestern PA in partnership with local trail chapters and councils to promote opportunities for recreation, volunteerism, education, tourism, economic development, and historic and environmental conservation.

The RTC would like to plan, construct and manage the extension of the Westmoreland Heritage Trail, a biking and walking trail, through the Turtle Creek Gorge. Interpreting the natural and historical features of the land is part of the attraction for trail users.

The mission of the Westmoreland County Bureau of Parks and Recreation is to plan, develop, and manage park and recreation facilities and programs for the residents of Westmoreland County. Facilities include parks, trails, greenways and open space.

Same as above with this addition. Westmoreland County Parks would like to have a publicly accessible greenway in the Turtle Creek Gorge to preserve the green space, encourage conservation of the resource and to open it for public use.

2. Has your organization identified any issues within the Greenway?

The operating Railroad is utilizing the corridor we would like to develop into a trail. Over time we hope to partner with them to preserve the corridor and turn it into a public use trail for biking and walking. Issues that affect that are both economic and natural. The RR has a value to the businesses of the area and we want to be sure that their needs are met in another manner if this RR is not operating. The problems with flooding along Turtle Creek currently affect the RR and would do the same to the trail. It is in everyone's interest to try to solve some of these problems as soon as possible.

3. Does your organization have any current or future projects planned within, adjacent, or nearby the Greenway? If so, what is the status?

We hope to develop the trail and as stated earlier this depends on how long the RR continues to operate.

4. What changes (positive and negative) have you seen within the Turtle Creek Greenway within the last 10 years? The negative effects of storm water, flooding etc continue to grow and seem to be getting worse.

5. Do you have a vision of what you would like the Turtle Creek Greenway to look like in 10 years? We would like to see it in operation as a publically owned and managed greenway with the Westmoreland Heritage Trail constructed through the center, along the RR corridor. A multi-municipal management plan would be in effect and all the stakeholders would be united in a clear vision for the management of the Greenway.

6. What recommendations do you have to protect and/or improve the natural, recreational, and cultural

resources within the Greenway? A trail would bring the necessary people into the Gorge and they would encourage solutions to problems, interpreting and protecting the natural and historic resources, etc.

7. What might prevent the Turtle Creek Greenway Plan from being successful?

The inability to obtain the RR corridor and turn it into a public trail. Without that public perception may not be altered enough to lead to necessary changes.

8. What would you like to see in terms of access provided to the Greenway?

Parking access along existing roads to serve trail users, fishermen and general visitors.

9. Do you know of any other individuals who are knowledgeable of the Turtle Creek Greenway that should

be interviewed as a stakeholder? No

10. Would your group be willing to partner with other local organizations to protect and improve the

Greenway? Of course – that's what this whole process is about.

11. If we have any additional questions is it okay if we follow up with you? Email or Phone? Yes.

12. Any additional comments?

Sorry this is late.

Turtle Creek Greenway Plan (TCGP)

Stakeholder Interview Questionnaire

Name: Mark Bowers

Mailing Address: 279 Orr Road

City / State / Zip: West Newton, PA 15089

Phone #: 724/872-5232

Affiliation: Westmoreland Land Trust

E-mail: 4beagles@verizon.net

1. Please briefly describe the mission of your organization, including how your organization utilizes and/or is involved with the natural (land, water, biological), recreational, and cultural (historic sites and archaeological sites) resources of the Turtle Creek Greenway.

^{Westmoreland Land Trust}
"To conserve and steward lands and waters of Westmoreland County that harbor ecological, scenic or recreational qualities to offer a healthier and more sustainable future for all."

The TC Greenway project is located in one of WLT's target areas within Westmoreland County.

2. Has your organization identified any issues within the Greenway?

None.

3. Does your organization have any current or future projects planned within, adjacent, or nearby the Greenway? If so, what is the status?

The greenway is one of many potential project areas. WLT is considering / ~~planning~~ evaluating the potential for acquisition of properties adjacent to Duff Park and the TC Greenway.

4. What changes (positive and negative) have you seen within the Turtle Creek Greenway within the last 10 years?

Positive changes - I am unaware except for increased interest in establishing or preserving a greenway.

Negative: stormwater damage due to probable impacts of increasing amount of developed land in adjacent areas.

5. Do you have a vision of what you would like the Turtle Creek Greenway to look like in 10 years?

A trail connecting Saltsburg, Indiana, PA to Pittsburgh, PA

6. What recommendations do you have to protect and/or improve the natural, recreational, and cultural resources within the Greenway?

and within the greenway. ① Acquisition of steep, undevelopable land adjacent to
② Management for invasive species, ③ Acquisition of two railroad trol.

7. What might prevent the Turtle Creek Greenway Plan from being successful?

Continued use of the river ~~bars~~ as an active railroad, lack of funding for the project.

8. What would you like to see in terms of access provided to the Greenway?

Connection to the existing parks.

9. Do you know of any other individuals who are knowledgeable of the Turtle Creek Greenway that should be interviewed as a stakeholder?

Friends of Marysville Parks members, Westmoreland Conservancy members.

10. Would your group be willing to partner with other local organizations to protect and improve the Greenway?

Yes.

11. If we have any additional questions is it okay if we follow up with you? Email or Phone?

Yes. Either method would be okay.

12. Any additional comments?

Turtle Creek Greenway Plan (TCGP)

Stakeholder Interview Questionnaire

Name: ROY WEIL

Mailing Address: 5131 PENTON RD

City / State / Zip: PITTSBURGH, 15213

Phone #: 412-681-5131

Affiliation: SHAW-WEIL ASSOC

E-mail: TURTLECREEK@SHAW-WEIL.COM

1. Please briefly describe the mission of your organization, including how your organization utilizes and/or is involved with the natural (land, water, biological), recreational, and cultural (historic sites and archaeological sites) resources of the Turtle Creek Greenway.

ENCOURAGE OUTDOOR RECREATION

2. Has your organization identified any issues within the Greenway?

3. Does your organization have any current or future projects planned within, adjacent, or nearby the Greenway? If so, what is the status?

4. What changes (positive and negative) have you seen within the Turtle Creek Greenway within the last 10 years?

5. Do you have a vision of what you would like the Turtle Creek Greenway to look like in 10 years?

BIKE TRAILS
CANOE ACCESS

6. What recommendations do you have to protect and/or improve the natural, recreational, and cultural resources within the Greenway?

7. What might prevent the Turtle Creek Greenway Plan from being successful?

MONEY

8. What would you like to see in terms of access provided to the Greenway?

BIKE TRAILS CONNECTED TO MUD RIVER TRAIL
CANOE PUT IN AT EVERY CROSS ROAD

9. Do you know of any other individuals who are knowledgeable of the Turtle Creek Greenway that should be interviewed as a stakeholder?

10. Would your group be willing to partner with other local organizations to protect and improve the Greenway?

11. If we have any additional questions is it okay if we follow up with you? Email or ~~Phone~~?

YES

12. Any additional comments?

Turtle Creek Greenway Plan (TCGP)
Stakeholder Interview Questionnaire

Name: Jerome Wolfe

Mailing Address: 2380 Flagstaff Dr.

City / State / Zip: Export, PA 15632

Phone #: 724 327-5159

Affiliation: Citizens for the Preservation

E-mail: CPRMPAC@Yahoo.com

Of Rural Murrysville (CPRM)

1. Please briefly describe the mission of your organization, including how your organization utilizes and/or is involved with the natural (land, water, biological), recreational, and cultural (historic sites and archaeological sites) resources of the Turtle Creek Greenway.

CPRM is dedicated to the preservation of the rural characteristics of Murrysville, PA. The Organization was formed in 2008 and incorporated in 2009. Its mission is to be pro-active in community affairs and specifically in development projects in order to bring about the best type of sustainable growth in Murrysville.

2. Has your organization identified any issues within the Greenway?

CPRM has identified issues, such as the General Business District Overlay Ordinance as not being in the best interests or the wishes of the citizens of Murrysville. Business development such as the Marketplace on 22 has resulted in commercial development on residentially zoned property with potential problems for the town of Export, PA in increased flooding.

3. Does your organization have any current or future projects planned within, adjacent, or nearby the Greenway? If so, what is the status?

CPRM does not initiate projects, but either supports or objects to other organizations on an individual basis.

4. What changes (positive and negative) have you seen within the Turtle Creek Greenway within the last 10 years?

As a positive, we have seen Turtle Creek cleaned up and the acid content reduced.

The increase in development, both commercial and residential, as well as the reconstruction of US Route 22, has had a serious effect on the Borough of Export, PA. There have been two serious floods in the past two years resulting in substantial and costly damage to the residents. Development projects currently planned are likely to aggravate the problem.

5. Do you have a vision of what you would like the Turtle Creek Greenway to look like in 10 years?

We would hope the Turtle Creek Greenway would become an area in which residents could visit and enjoy as an undisturbed area as close to its natural state as possible. Visiting and undisturbed may be contradictory terms unless considerable thought is given.

6. What recommendations do you have to protect and/or improve the natural, recreational, and cultural resources within the Greenway?

CPRM has not given much thought to the Greenway up until now. We would encourage any efforts that would help retain its natural condition.

7. What might prevent the Turtle Creek Greenway Plan from being successful?

Encroachment on and run-off from residential and commercial development are most likely to have a negative impact.

8. What would you like to see in terms of access provided to the Greenway?

A walking and/or bicycle trail (unpaved) would be desirable. There would need to be a parking area(s) for access, and regular maintenance of the Greenway to remove trash is necessary. Volunteer organizations such as service clubs or Boy Scouts would be ideal to keep the Greenway from becoming a tax burden to the communities.

9. Do you know of any other individuals who are knowledgeable of the Turtle Creek Greenway that should be interviewed as a stakeholder?

We are not aware of other organizations, but the Borough of Export surely has a vested interest.

10. Would your group be willing to partner with other local organizations to protect and improve the Greenway?

CPRM would be willing to partner with others, however, our resources are limited and our mission is to be an advocate for the citizens of Murrysville. We do not know, at this time, what the community's feelings are about the Greenway.

11. If we have any additional questions is it okay if we follow up with you? Email or Phone?

12. Any additional comments?

We are certainly receptive to any questions you may have. E-mail would be the preferred way to contact us.



Turtle Creek Greenway Plan (TCGP)

Stakeholder Interview Questionnaire

Name: Marylyn Devlin

City / State / Zip: Monroeville, PA 15146

Affiliation: Sustainable
Monroeville

Mailing Address: 321
Spring Run Dr.

Phone #: 412-372-6113

E-mail: marylyndevlin@msn.
com

1. Please briefly describe the mission of your organization, including how your organization utilizes and/or is involved with the natural (land, water, biological), recreational, and cultural (historic sites and archaeological sites) resources of the Turtle Creek Greenway.

Our mission is to help the city of Monroeville move forward in the green economy by offering sustainable solutions.

2. Has your organization identified any issues within the Greenway?

water mgt. - goal # 2

3. Does your organization have any current or future projects planned within, adjacent, or nearby the Greenway? If so, what is the status?

no

4. What changes (positive and negative) have you seen within the Turtle Creek Greenway within the last 10 years?

?

5. Do you have a vision of what you would like the Turtle Creek Greenway to look like in 10 years?

6. What recommendations do you have to protect and/or improve the natural, recreational, and cultural resources within the Greenway?

I like the idea of partnering with the local schools and govt websites. - goals # 6 + 7

7. What might prevent the Turtle Creek Greenway Plan from being successful?

The current lack of Monroeville's govt involvement - would like to invite specific people to the 6/17 workshop

8. What would you like to see in terms of access provided to the Greenway?

goal # 3

9. Do you know of any other individuals who are knowledgeable of the Turtle Creek Greenway that should be interviewed as a stakeholder?

10. Would your group be willing to partner with other local organizations to protect and improve the Greenway?

Yes,

11. If we have any additional questions is it okay if we follow up with you? Email or Phone?

Yes

12. Any additional comments?

Our mtgs. are the First Mon. of each month from 7-8:30 pm in the Monroeville Library's

I will ask for 6/17 volunteers Program Ctr. then (6/17).

Turtle Creek Greenway Plan (TCGP)

Stakeholder Interview Questionnaire

Name: TRAFFORD ECONOMIC AND COMMUNITY DEVELOPMENT COOP, (TECD) LACEE Mailing Address: 271 H. HERBERT DRIVE
City / State / Zip: TRAFFORD, PA Phone #: 412 373-1175 412 897-4620 Cell
Affiliation: TECD E-mail: LACEE1@VERIZON.NET

1. Please briefly describe the mission of your organization, including how your organization utilizes and/or is involved with the natural (land, water, biological), recreational, and cultural (historic sites and archaeological sites) resources of the Turtle Creek Greenway.

PURPOSE

The purpose for which this corporation was formed was to create a climate to enhance economic development and to promote technical assistance, education and activities to aid business location and growth and to sustain the quality of life in the community of Trafford,

2. Has your organization identified any issues within the Greenway?

No

3. Does your organization have any current or future projects planned within, adjacent, or nearby the Greenway? If so, what is the status?

A PARK & RIDE

4. What changes (positive and negative) have you seen within the Turtle Creek Greenway within the last 10 years?

None

5. Do you have a vision of what you would like the Turtle Creek Greenway to look like in 10 years?

ALONG WITH THE TRAIL, IT WOULD BE NICE TO SEE THE DAM REMOVED FROM THE CREEK SO IT COULD BE USED FOR BOATING. THE CREEK IS IN BAD NEED OF CLEANING.

6. What recommendations do you have to protect and/or improve the natural, recreational, and cultural resources within the Greenway?

CLEAN UP THE TURTLE CREEK

7. What might prevent the Turtle Creek Greenway Plan from being successful?

PROPERTY OWNERS COOPERATION

8. What would you like to see in terms of access provided to the Greenway?

AT THIS TIME I DON'T KNOW. I GUESS PARKING AREAS FOR ACCESS & PICNIC AREAS. REST ROOM FACILITIES IS A CONCERN.

9. Do you know of any other individuals who are knowledgeable of the Turtle Creek Greenway that should be interviewed as a stakeholder?

TRAFFORD BOROUGH COUNCIL, TCC, + ROY P. DUZZI

10. Would your group be willing to partner with other local organizations to protect and improve the Greenway?

YES

11. If we have any additional questions is it okay if we follow up with you? Email or Phone?

YES

12. Any additional comments?

NOT AT THIS TIME.

Turtle Creek Greenway Plan (TCGP)

Stakeholder Interview Questionnaire

Name FRANKLIN TOWNSHIP MUNICIPAL SANITARY AUTHORITY Mailing Address: 3001 MEADOWBROOK ROAD
City / State / Zip: MURKYSVILLE, PA. 15668 Phone #: 724 327-1950
Affiliation: TCWA E-mail: JBRUCKER@FTMSA.ORG

1. Please briefly describe the mission of your organization, including how your organization utilizes and/or is involved with the natural (land, water, biological), recreational, and cultural (historic sites and archaeological sites) resources of the Turtle Creek Greenway.

SEWAGE TREATMENT PLANT

2. Has your organization identified any issues within the Greenway?

FLOODING

3. Does your organization have any current or future projects planned within, adjacent, or nearby the Greenway? If so, what is the status?

POSSIBLE IN FUTURE - AUTHORITY OWNS GREENWAY

4. What changes (positive and negative) have you seen within the Turtle Creek Greenway within the last 10 years?

FLOODING

5. Do you have a vision of what you would like the Turtle Creek Greenway to look like in 10 years?

6. What recommendations do you have to protect and/or improve the natural, recreational, and cultural resources within the Greenway?

7. What might prevent the Turtle Creek Greenway Plan from being successful?

FLOODING

8. What would you like to see in terms of access provided to the Greenway?

ACCESS TO GREENWAY BY MEADOWBROOK ROAD

9. Do you know of any other individuals who are knowledgeable of the Turtle Creek Greenway that should be interviewed as a stakeholder?

10. Would your group be willing to partner with other local organizations to protect and improve the Greenway?

POSSIBLE

11. If we have any additional questions is it okay if we follow up with you? Email or Phone?

YES E-MAIL OR PHONE

12. Any additional comments?



Appendix E—Public Meetings

WEDNESDAY, FEBRUARY 24, 2010

7:00 PM - 9:00 PM

WHEN: Wednesday, February 24, 2010

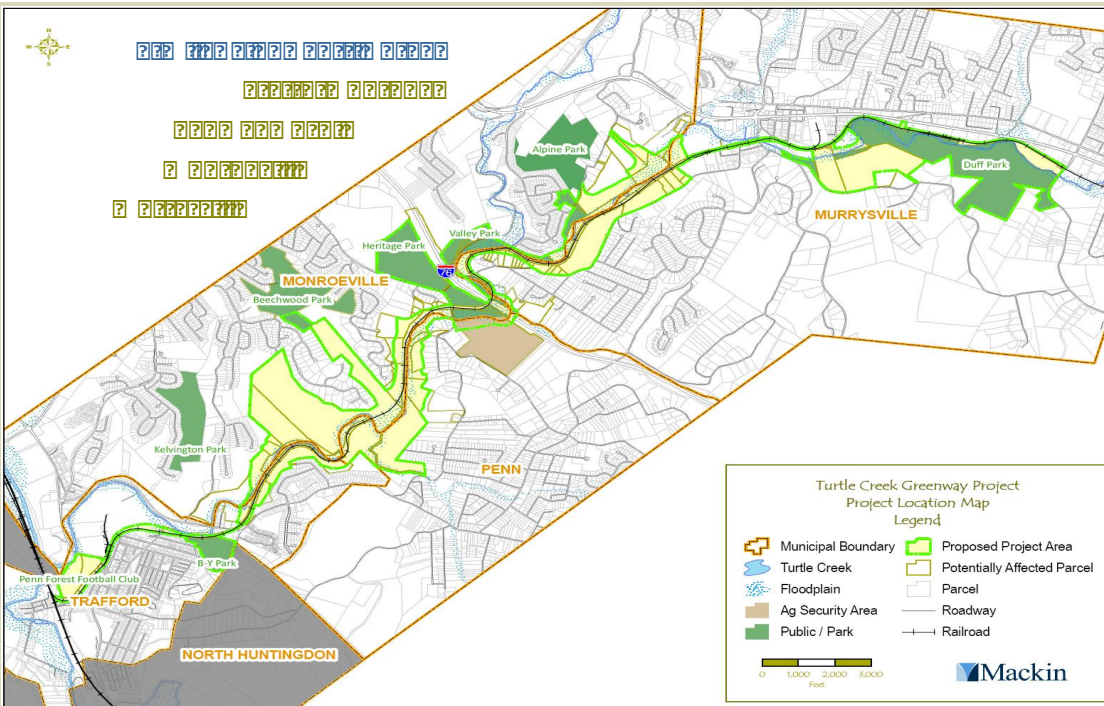
TIME: 7:00 PM—9:00 PM

WHERE: Murrysville Community Building, 3091 Carson Street

WHY: Provide input on opportunities related to recreation & conservation

PROJECT DESCRIPTION

PROJECT GOALS



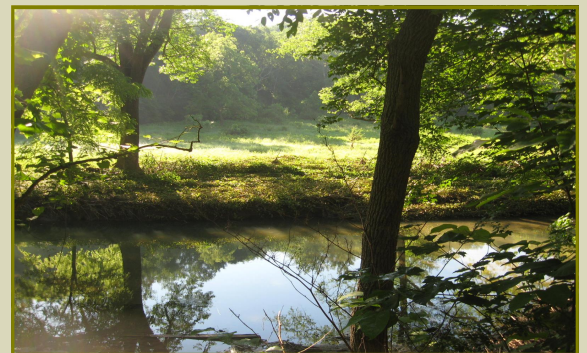
- 2 Streambank & Hillside Erosion
- 2 Future Development
- 2 Invasive Plant Species
- 2 Litter & Illegal Dumping

PROJECT OBJECTIVES

- 2 Protection of Open Space
- 2 Expand Public Recreation Areas
- 2 Enhance Wildlife Habitat
- 2 Improve Stormwater Management
- 2 Utilize as Outdoor Classroom

PROJECT PURPOSES

- 2 Preserve the integrity of natural, recreational, and cultural resources
- 2 Manage adverse impacts to the Greenway & its ecosystem from stormwater damage
- 2 Raise public awareness and encourage stewardship of natural resources
- 2 Enhance the Greenway by offering additional recreational opportunities
- 2 Develop a plan to secure land for trail development and the protection of resources through fee simple, conservation easements, and/or donations, or other methods
- 2 Utilize the Greenway as an educational resource for school children and the public
- 2 Promote the Greenway as a destination and encourage ecotourism



CONTACT INFORMATION

Amy Wiles, AICP, Mackin (consultant)
412.788.0472
or
Malcolm Sias,
Westmoreland County Parks & Recreation
724.830.3968

Turtle Creek Greenways Plan (TCGP)

A conservation & recreation project for the Municipalities of Monroeville, Murrysville, Penn Township, and Trafford Borough



Public Meeting: February 24, 2010 Sign In Sheet

	Name	Representing	Email	Phone #
1	Tom McGee	Gateway Newspapers	[REDACTED]	[REDACTED]
2	Noel Grimm	Westmoreland Heritage Tr	[REDACTED]	29
3	Maire Selvaggio	TOWA / CERE	[REDACTED]	
4	Donald Baker		[REDACTED]	
5	Connie Radocay	West. Botanical Soc	[REDACTED]	
6	Linda Lyman	P.F. NEWS	[REDACTED]	4
7	Joe Galvin		[REDACTED]	
8	Brien Palmer	MTA	[REDACTED]	507
9	Bonnie Belak	4-H Conservation Club	[REDACTED]	
10	Pier van de Venne	Parks Volunteers	[REDACTED]	33 2770
11	Dorey-Virginia Oethers	Pittman Community Resources	[REDACTED]	9374
12	Jay & Tom Henniger	self	[REDACTED]	962
13	Dale Matuze	self	[REDACTED]	
14	CRAIG BARRAS	TCWA	[REDACTED]	
15	Mary Shaw	self	[REDACTED]	

Turtle Creek Greenways Plan (TCGP)

A conservation & recreation project for the Municipalities of Monroeville, Murrysville, Penn Township, and Trafford Borough

Public Meeting: February 24, 2010 Sign In Sheet

	Name	Representing	Email	Phone #
16	ROY WEIL	SELF		
17	JOHN BALICKI	JOHN BALICKI ASSOC. LLC		
18	MIKE KARDILL	RESIDENT		
19	JESSICA STEWART	Alleghenyland Trust		
20	BRUCE CORNA			
21	MARK BOWERS	WESTMORELAND L.T.		
22	DOUGLAS GRANGER	SELF		
23	ERNIE SCHINDEHETTE	STARTRAIL		
24	JASON BABIK	SELF / TCWA		
25	MARK FRYDECH	SELF		
26	BOB McDONALD	CAD		
27	MARC ALAIA	Self		
28	JOE MURITCH	SELF		
29				
30				

Turtle Creek Gorge Greenway Plan

Public Meeting #1 Summary

Wednesday, February 24, 2010 – Murrysville Community Center

1. Welcome & Introductions

28 people signed into the meeting, representing organizations including the Turtle Creek Watershed Association, Westmoreland Heritage Trail, Five Star Trail, Westmoreland Botanical Society, Murrysville Trail Association, Murrysville Parks Volunteers, Pitcairn Community Renaissance, Allegheny Land Trust, and interested residents.

2. Presentation

Malcolm Sias and Diane Selvaggio opened the meeting by providing a background on the Turtle Creek Greenway Project. Amy Wiles then gave a presentation on what a greenway is, a project overview, what the plan will address, and what we have found so far.

3. Questions & Answers

Amy opened the meeting up to questions.

- * Flooding issues in Trafford Borough
 - o There is public misconception over what the Army Corps is proposing to do to Turtle Creek
 - o Need to update municipal ordinances to address issues, particularly stormwater
 - o Need to make local officials aware
 - o Need to fix flooding issues first before beautification efforts
 - o Army Corps needs to conduct a study of Turtle Creek area to develop a watershed-wide plan to address issues
- * Landowners responsible for addressing stormwater on own property
 - o Educational programs need to be offered
 - o Strategies can be implemented such as permeable surfaces, rain barrels, rain gardens, etc.
- * Private landowner coordination
 - o Contacted all landowners via mail and invited to meeting in November 2009
 - o Mailed surveys to all landowners to identify level of interest
 - o Project is voluntary only – no property will be taken
 - o Options available include donations, easements, partnerships to implement projects, etc.
- * What is the plan for the Brickyard in Monroeville?
 - o Historical area that is owned by Monroeville
 - o Included in project area
 - o Plan is for passive open space with interpretive signing, educational opportunity, trails
- * What is the level of Monroeville's involvement?
 - o There are a few residents on the Committee
 - o Information was sent to a Council member to identify suitable person to involve
- * Will the project area be extended to include other areas of Monroeville or Pitcairn?
 - o No, the project area for this project is 6 miles along Turtle Creek however it is possible for the TCWA or local municipalities to conduct similar projects in other areas

Turtle Creek Gorge Greenway Plan

Public Meeting #1 Summary

Wednesday, February 24, 2010 – Murrysville Community Center


4. Mapping Exercise

The attendees were asked to identify any known locations related to recreational opportunities, access areas, natural areas, and/or areas with environmental concerns such as flooding, erosion, etc.

Please refer to the maps for identified locations.

7. Adjourn

The meeting was adjourned at 9pm.



Turtle Creek Greenway Plan Public Educational Workshop

WHEN: Thursday, June 17, 2010







RAIN OR SHINE!!

TIME: 5:30PM

WHERE: B-Y Park (PA 130 / 7th Street, Trafford PA)

WHAT: 2.3 Mile Educational Walk—Wear Hiking Boots or Sneakers!!

Schedule of Events...

- 5:30pm Meet at Pavilion #3
In B-Y Park (Trafford)
Cook-Out & Project Overview
- 6:00pm Leave for Saunders Station Road
(Monroeville)
- 6:20pm Educational Walk
- to *Topics to be Covered:*
- 8:00pm  *Conservation & Water Quality*
-  *Streambank Stabilization*
-  *Stormwater Management & Erosion Control*
-  *Invasive Plant Species Management*
-  *Recreation Ecological Resources*
-  *Recreation & Trail Opportunities*
- 8:10pm Project Wrap-Up @ B-Y Park



Visit us on Facebook!

www.facebook.com/TurtleCreekGorge



Please RSVP by June 14, 2010 to:

Amy Wiles, AICP, Mackin (consultant) awiles@mackinengineering.com / 412.788.0472

Malcolm Sias, Westmoreland County Parks & Recreation
MSIAS@co.westmoreland.pa.us / 724.830.3968



Turtle Creek Greenways Plan (TCGP)

A conservation & recreation project for the Municipalities of Monroeville, Murrysville, Penn Township, and Trafford Borough

Public Workshop: June 17, 2010 Sign In Sheet

	Name	Representing	Email	Phone #
1	Marylyn Devlin	Sustainable Monroeville		
2	Tom McGee	Murrysville Star	[REDACTED]	ext. 9627
3	Chris Goswick	Allegheny Co.	[REDACTED]	5
4	Linda Lyman	Penn Franklin Nat	[REDACTED]	m
5	Jonathan Ritchie	GAI Consultants	[REDACTED]	
6	Adam Scheller	GAI Consultants.	[REDACTED]	
7	Sarah Pillsbury	WCD		
8	JIM PILLSBURY	WEST. CONS. DIST.	[REDACTED]	
9	Rob Cronauer	'	[REDACTED]	
10	Don Baker			
11	Bill Adams	RESIDENT	[REDACTED]	10
12	RICHARD P. RAUSO	RICHARD P. RAUSO ASIA	[REDACTED]	
13	Matt Rauso	same as ↓ above	↓	↓
14	Maryann Lassak	MYSELF	[REDACTED]	
15	Tom Ronkerly	MYSELF	[REDACTED]	14

Turtle Creek Greenways Plan (TCGP)

A conservation & recreation project for the Municipalities of Monroeville, Murrysville, Penn Township, and Trafford Borough

Public Workshop: June 17, 2010 Sign In Sheet

	Name	Representing	Email	Phone #
16	M.A. Serrapere	—	[REDACTED]	[REDACTED]
17	Chris Droste	wcd, wht TCWA	[REDACTED]	[REDACTED]
18	John Stan	Houston Stan	[REDACTED]	[REDACTED]
19	Amy + Mike Baer	Gateway Middle School	[REDACTED]	[REDACTED]
20	CLARENCE "BUCK" SKENA	F.O.M.P. WESTMORELAND CONSERVANCY	[REDACTED]	[REDACTED]
21	Les & Donna Race	TRAFFORD	[REDACTED]	[REDACTED]
22				
23				
24				
25				
26				
27				
28				
29				
30				

73
15

Turtle Creek Gorge Greenway Plan

Public Educational Workshop Summary

Thursday, June 17, 2010 – B-Y Park

1. Welcome & Introductions

22 people signed in to the meeting, representing organizations including the Turtle Creek Watershed Association, Westmoreland County Conservation District, Westmoreland Heritage Trail, Gateway Middle School, Friends of Murrysville Parks, Westmoreland Conservancy, Murrysville Star, Sustainable Monroeville, Penn Franklin News, and interested residents. Even though only 22 people signed in, it was estimated that approximately 40 people attended the event.

2. Presentation

Malcolm Sias opened the meeting by providing a background on the Turtle Creek Greenway Project. Amy Wiles then gave a presentation on what a greenway is, a project overview, how we got to this point, and an overview of what to expect on the 2.3-mile educational walk through the proposed greenway.

3. Educational Walk

The walk started at the parking lot at Saunders Station Road and ended at B-Y Park. There were 5 presenters and stations along the walk, which included:

- * Value of Conservation & Water Quality – Diane Selvaggio, Turtle Creek Watershed Association
 - o As humans, we are connected to the natural environment—we share DNA with many things. Humans have 40% of the same DNA as with daisies, 76% with dogs, and 97% with chimpanzees.
 - o Natural systems and natural infrastructure perform many valuable functions that keep us alive, often at little or no cost, such as purification of the air; water for drinking; and healthy soils to grow food, produce lumber, and other products.
 - o To be part of the solution to conserve natural resources, you can do a number of things, such as compost your yard and food waste; reduce your fertilizer and pesticide use at home; and construct a rain garden or rain barrel on your property.
- * Streambank Stabilization – Rob Cronauer, Westmoreland County Conservation District
 - o Showed example of eroded bank within the project area
 - o Described project on a private landowners property as an example of how the local conservation districts and landowners can work together to improve the stream's water quality and improve streambanks
 - o The local conservation districts provide free technical advice to local landowners on streambank and riparian type projects on their properties
 - o Live stakes are an easy way to revegetate eroded streambanks. Live stakes are tree branches that can be cut then planted directly into the ground and will grow into a new tree. Examples include willow, cottonwood, sycamore, and dogwoods; however, willows are the most commonly used and successful at propagating.

Turtle Creek Gorge Greenway Plan

Public Educational Workshop Summary

Thursday, June 17, 2010 – B-Y Park

- * Stormwater Management & Erosion Control – Chris Droste / Jim Pillsbury, Westmoreland County Conservation District
 - o Maps were distributed showing the Turtle Creek Watershed, the number of streams within the watershed, and the amount of impervious surfaces within the watershed.
 - o Impervious surfaces such as roofs and pavement prevent rain and stormwater from infiltrating the ground where it falls. Thus, water becomes channelized/collected and creates erosive runoff from the force of all the water going one direction. It also prevents groundwater levels from becoming recharged or maintained.
 - o Simpson Run within the project area is an example of a flashy stream and of an area of excessive stormwater damage. The stream was filled with sediment, gravel, and large trees that were carried downslope by stormwater runoff. During the walk, the channel was dry, then when it rains stormwater is directed to the stream and an influx of water gushes down through the stream valley into Turtle Creek.
- * Invasive Plant Species Management – Pia Van de Venne, Friends of Murrysville Parks
 - o Japanese knotweed is a pervasive and severe problem throughout Southwestern Pennsylvania. It dominates stream valleys and disturbed areas.
 - o Once Japanese knotweed establishes, it takes approximately 10 years of intensive management through cuttings and herbicide treatments before you can completely eradicate it.
 - o Japanese is prevalent throughout the greenway.
 - o Other invasive species common to the area are garlic mustard, tree-of-heaven, autumn olive, and shrub honeysuckle.
- * Recreation Opportunities & Trails – Malcolm Sias, Westmoreland County Parks & Recreation
 - o Trails help areas to be better managed and provide recreational opportunities for the public. For example, the Youghiogheny River valley prior to the trail was a dump area for trash/appliances, hangout for teenagers, and a problem area. Since the trail has been constructed, the area has been cleaned up and is now managed as a recreational facility.
 - o The Turtle Creek Greenway has some issues such as invasive plant species, unregulated ATV use, graffiti, littering. The hope is by preserving it as a greenway, local organizations can get involved and start to manage and protect the beauty of the area for all to enjoy.

4. Exit Survey

The attendees were asked to complete an exit survey to identify issues and opportunities they noticed regarding natural, recreational, and cultural resources as result of the walk. 13 exit surveys were returned. Several participants took surveys home and said they would mail them in.

7. Adjourn

The meeting was adjourned at 9pm.



Turtle Creek Greenways Plan

Public Educational Workshop

June 17, 2010 Exit Survey

Please provide the following information to be notified for upcoming meetings/events:

Name: LINDA LYMAN Representing: P.F. NEWS

Mailing Address: _____ Phone Number: _____

City / State / Zip: MURYSVILLE PA Email address: _____
-franklin.com

Was this your first time visiting the Turtle Creek Greenway area? _____ Yes _____ No

If not, why have you visited the Turtle Creek Greenway (please specify activities):

DUFF PARK WALKS

What were your impressions of the Greenway in terms of the topics discussed (Conservation & Water Quality, Streambank Stabilization, Stormwater Management, Invasive Plant Species, Ecological Resources, and Recreation & Trail Opportunities)?

Do you support the concept of a public greenway being developed for the Turtle Creek Corridor?
X Yes _____ No _____ Maybe, not sure

Do you have any concerns regarding the development of a public greenway being developed for the Turtle Creek Corridor?

USABILITY - NEED TO MAKE IT ACCESSIBLE SO
people will use it, and therefore keep it up
for the future.

If you are representing an organization, does your organization currently have any projects planned within the Turtle Creek Greenway? _____ Yes _____ No

If yes, please describe the project(s): _____

Would you be interested, either personally or as part of your organization to participate in implementation projects for the Turtle Creek Greenway? _____ Yes _____ No

If yes, please describe the project(s): _____

What do you think are the priority projects that should be implemented with regards to the Turtle Creek Greenway?

Did you enjoy the "educational workshop" format of the meeting? Please use this space to provide any additional comments regarding the meeting or the Greenway Plan.

Please drop your survey in the Survey Box provided or mail it to us at:

**Amy Wiles
Mackin Engineering Company
117 Industry DrivePittsburgh, PA 15275**



Turtle Creek Greenways Plan

Public Educational Workshop

June 17, 2010 Exit Survey

Please provide the following information to be notified for upcoming meetings/events:

Name: Elisa Beck

Representing: Sustainable Monroeville

Mailing Address: 106 Trotwood Drive

Phone Number: [Redacted]

City / State / Zip: Monroeville, PA
15146

Email address: [Redacted]@monroeville.com
sustainablemonroeville@gmail.com

Was this your first time visiting the Turtle Creek Greenway area? Yes No

If not, why have you visited the Turtle Creek Greenway (please specify activities):

— With our dog - hiking
— with Turtle Creek Greenway

What were your impressions of the Greenway in terms of the topics discussed (Conservation & Water Quality, Streambank Stabilization, Stormwater Management, Invasive Plant Species, Ecological Resources, and Recreation & Trail Opportunities)?

Lots of work + a magnificent project!
Gateway School District has a new
Superintendent - Joseph Petrella -
Consider contacting him, Perhaps plan a
meeting with Sustainable Monroeville to kick

Do you support the concept of a public greenway being developed for the Turtle Creek Corridor? Yes No Maybe, not sure

Do you have any concerns regarding the development of a public greenway being developed for the Turtle Creek Corridor?

I think a shared corridor for the
Railroad and public transportation and
recreation would be ideal.

*a part of
an education
project*

If you are representing an organization, does your organization currently have any projects planned within the Turtle Creek Greenway? _____ Yes _____ No

If yes, please describe the project(s): _____

Would you be interested, either personally or as part of your organization, to participate in implementation projects for the Turtle Creek Greenway? _____ Yes _____ No

If yes, please describe the project(s): _____

What do you think are the priority projects that should be implemented with regards to the Turtle Creek Greenway?

Did you enjoy the “educational workshop” format of the meeting? Please use this space to provide any additional comments regarding the meeting or the Greenway Plan.

Please drop your survey in the Survey Box provided or mail it to us at:

**Amy Wiles
Mackin Engineering Company
117 Industry Drive, Pittsburgh, PA 15275**



Turtle Creek Greenways Plan

Public Educational Workshop

June 17, 2010 Exit Survey

Please provide the following information to be notified for upcoming meetings/events:

Name: DONALD BAKER Representing: _____
Mailing Address: 3435 Mac Intyre Dr Phone Number: _____
City / State / Zip: Murrysville PA 15668 Email address: _____

Was this your first time visiting the Turtle Creek Greenway area? Yes No

If not, why have you visited the Turtle Creek Greenway (please specify activities):

What were your impressions of the Greenway in terms of the topics discussed (Conservation & Water Quality, Streambank Stabilization, Stormwater Management, Invasive Plant Species, Ecological Resources, and Recreation & Trail Opportunities)?

Do you support the concept of a public greenway being developed for the Turtle Creek Corridor?
 Yes No Maybe, not sure

Do you have any concerns regarding the development of a public greenway being developed for the Turtle Creek Corridor?

If you are representing an organization, does your organization currently have any projects planned within the Turtle Creek Greenway? _____ Yes _____ No

If yes, please describe the project(s): _____

Would you be interested, either personally or as part of your organization, to participate in implementation projects for the Turtle Creek Greenway? _____ Yes _____ No

If yes, please describe the project(s): _____

What do you think are the priority projects that should be implemented with regards to the Turtle Creek Greenway?

Did you enjoy the "educational workshop" format of the meeting? Please use this space to provide any additional comments regarding the meeting or the Greenway Plan.

Yes

Please drop your survey in the Survey Box provided or mail it to us at:

Amy Wiles
Mackin Engineering Company
117 Industry Drive, Pittsburgh, PA 15275



Turtle Creek Greenways Plan

Public Educational Workshop

June 17, 2010 Exit Survey

Please provide the following information to be notified for upcoming meetings/events:

Name: Barbara Ferrer Representing: CAB

Mailing Address: 21 Lakeside Drive Phone Number: [Redacted]

City / State / Zip: Gbg, PA 157601 Email address: [Redacted]

onCast.net

Was this your first time visiting the Turtle Creek Greenway area? Yes No

If not, why have you visited the Turtle Creek Greenway (please specify activities):

I visited once before with a group that walked the trail

What were your impressions of the Greenway in terms of the topics discussed (Conservation & Water Quality, Streambank Stabilization, Stormwater Management, Invasive Plant Species, Ecological Resources, and Recreation & Trail Opportunities)?

I think it could be a great opportunity to present a working examp.
It can be an educational center

Do you support the concept of a public greenway being developed for the Turtle Creek Corridor? Yes No Maybe, not sure

Do you have any concerns regarding the development of a public greenway being developed for the Turtle Creek Corridor?

Not at this time

If you are representing an organization, does your organization currently have any projects planned within the Turtle Creek Greenway? _____ Yes _____ No *Check with Malcom*

If yes, please describe the project(s): _____

Would you be interested, either personally or as part of your organization, to participate in implementation projects for the Turtle Creek Greenway? Yes _____ No

If yes, please describe the project(s): *Not sure* _____

What do you think are the priority projects that should be implemented with regards to the Turtle Creek Greenway?

Did you enjoy the "educational workshop" format of the meeting? Please use this space to provide any additional comments regarding the meeting or the Greenway Plan.

Very Much _____

Please drop your survey in the Survey Box provided or mail it to us at:

Amy Wiles
Mackin Engineering Company
117 Industry Drive, Pittsburgh, PA 15275



Turtle Creek Greenways Plan

Public Educational Workshop

June 17, 2010 Exit Survey

Please provide the following information to be notified for upcoming meetings/events:

Name: Betsy Hoeldtke Representing: _____
Mailing Address: 318 Morrison Ave Phone Number: _____
City / State / Zip: Greensburg PA 15601 Email address: _____ *distinct*

Was this your first time visiting the Turtle Creek Greenway area? Yes No

If not, why have you visited the Turtle Creek Greenway (please specify activities):

What were your impressions of the Greenway in terms of the topics discussed (Conservation & Water Quality, Streambank Stabilization, Stormwater Management, Invasive Plant Species, Ecological Resources, and Recreation & Trail Opportunities)?

Excellent service

Do you support the concept of a public greenway being developed for the Turtle Creek Corridor?
 Yes No Maybe, not sure

Do you have any concerns regarding the development of a public greenway being developed for the Turtle Creek Corridor?

Public awareness, funding
education

If you are representing an organization, does your organization currently have any projects planned within the Turtle Creek Greenway? _____ Yes _____ No

If yes, please describe the project(s): _____

Would you be interested, either personally or as part of your organization, to participate in implementation projects for the Turtle Creek Greenway? _____ Yes _____ No

If yes, please describe the project(s): _____

What do you think are the priority projects that should be implemented with regards to the Turtle Creek Greenway?

Did you enjoy the "educational workshop" format of the meeting? Please use this space to provide any additional comments regarding the meeting or the Greenway Plan.

Please drop your survey in the Survey Box provided or mail it to us at:

**Amy Wiles
Mackin Engineering Company
117 Industry Drive, Pittsburgh, PA 15275**



Turtle Creek Greenways Plan

Public Educational Workshop

June 17, 2010 Exit Survey

Please provide the following information to be notified for upcoming meetings/events:

Name: Chris Droste Representing: Westmoreland Conservation District, Westmoreland Heritage Trail
 Mailing Address: 248 Donohoe road Phone Number: [redacted]
 City / State / Zip: Greensburg, PA 15601 Email address: [redacted]@ya400.com

Was this your first time visiting the Turtle Creek Greenway area? Yes No

If not, why have you visited the Turtle Creek Greenway (please specify activities):

stormwater, erosion & trail opportunities

What were your impressions of the Greenway in terms of the topics discussed (Conservation & Water Quality, Streambank Stabilization, Stormwater Management, Invasive Plant Species, Ecological Resources, and Recreation & Trail Opportunities)?

we need a lot of the Bank erosion problems addressed
Stormwater problems in Murrysville, Export, RT22
Penn Turp / Monroeville
- Build the trail!

Do you support the concept of a public greenway being developed for the Turtle Creek Corridor?
 Yes No Maybe, not sure

Do you have any concerns regarding the development of a public greenway being developed for the Turtle Creek Corridor?

controlling the water must happen
before building a trail.

If you are representing an organization, does your organization currently have any projects planned within the Turtle Creek Greenway? Yes No

If yes, please describe the project(s): Streambank Stabilization
& trail Building

Would you be interested, either personally or as part of your organization, to participate in implementation projects for the Turtle Creek Greenway? Yes No

If yes, please describe the project(s): trails - (with WHT)
stormwater issues (wcp)

What do you think are the priority projects that should be implemented with regards to the Turtle Creek Greenway?

TRAIL - water control - Bank erosion
issues must be addressed for
the trail, Flood prevention for
trail.

Did you enjoy the "educational workshop" format of the meeting? Please use this space to provide any additional comments regarding the meeting or the Greenway Plan.

YES, its a must to visualize the problems
or you cannot address the problems
at hand.

Please drop your survey in the Survey Box provided or mail it to us at:

Amy Wiles
Mackin Engineering Company
117 Industry Drive, Pittsburgh, PA 15275



Turtle Creek Greenways Plan

Public Educational Workshop

June 17, 2010 Exit Survey

Please provide the following information to be notified for upcoming meetings/events:

Name: Rob Cronauer

Representing: Westmoreland Conserv. Dist.

Mailing Address: 218 Donohoe Rd.

Phone Number: [Redacted]

City / State / Zip: Greensburg

Email address: [Redacted]@gmail.com

Was this your first time visiting the Turtle Creek Greenway area? Yes No

If not, why have you visited the Turtle Creek Greenway (please specify activities):

What were your impressions of the Greenway in terms of the topics discussed (Conservation & Water Quality, Streambank Stabilization, Stormwater Management, Invasive Plant Species, Ecological Resources, and Recreation & Trail Opportunities)?

It is great to see people are working on some of these
environmental issues. Lots of projects to tackle!

Do you support the concept of a public greenway being developed for the Turtle Creek Corridor?
 Yes No Maybe, not sure

Do you have any concerns regarding the development of a public greenway being developed for the Turtle Creek Corridor?

land acquisition! If you build it they will come.
I wouldn't put anymore time and \$\$ into project until
the land is acquired.

If you are representing an organization, does your organization currently have any projects planned within the Turtle Creek Greenway? Yes No

If yes, please describe the project(s): Streambank stabilization

Would you be interested, either personally or as part of your organization, to participate in implementation projects for the Turtle Creek Greenway? Yes No

If yes, please describe the project(s): On the ground projects.

What do you think are the priority projects that should be implemented with regards to the Turtle Creek Greenway?

- #1 Get the land!
- #2 Stabilize trail washouts (use rail to transport materials, i.e. rock)
- #3 Remove rail & construct trail.
- #4 Install signage, benches, etc...

Did you enjoy the "educational workshop" format of the meeting? Please use this space to provide any additional comments regarding the meeting or the Greenway Plan.

Very nice

Please drop your survey in the Survey Box provided or mail it to us at:

Amy Wiles
Mackin Engineering Company
117 Industry Drive, Pittsburgh, PA 15275



Turtle Creek Greenways Plan

Public Educational Workshop

June 17, 2010 Exit Survey

Please provide the following information to be notified for upcoming meetings/events:

Name: SARAH PILLSBURY Representing: _____

Mailing Address: 408 OAKLAND AVE Phone Number: _____

City / State / Zip: GREENSBURG, PA 15601 Email address: _____

Was this your first time visiting the Turtle Creek Greenway area? Yes No

If not, why have you visited the Turtle Creek Greenway (please specify activities):

What were your impressions of the Greenway in terms of the topics discussed (Conservation & Water Quality, Streambank Stabilization, Stormwater Management, Invasive Plant Species, Ecological Resources, and Recreation & Trail Opportunities)?

A LOT OF WORK TO DO - TRAIL DEVELOPMENT,
STABILIZING STREAM BANKS, FLOOD CONTROLS NEEDED

Do you support the concept of a public greenway being developed for the Turtle Creek Corridor?
 Yes No Maybe, not sure

Do you have any concerns regarding the development of a public greenway being developed for the Turtle Creek Corridor?

KEEP LITTER & DEBRIS DOWN.
FLASH FLOOD WARNING.

If you are representing an organization, does your organization currently have any projects planned within the Turtle Creek Greenway? _____ Yes No

If yes, please describe the project(s): _____

Would you be interested, either personally or as part of your organization, to participate in implementation projects for the Turtle Creek Greenway? _____ Yes No

If yes, please describe the project(s): _____

What do you think are the priority projects that should be implemented with regards to the Turtle Creek Greenway?

TRAIL DEVELOPMENT FOR WALKERS AND BIKERS
AND ASSOCIATED ISSUES TO BE ADDRESSED

Did you enjoy the "educational workshop" format of the meeting? Please use this space to provide any additional comments regarding the meeting or the Greenway Plan.

YES. HELPFUL TO ADDRESS ISSUES TO ^{BE} IDENTIFIED ^{BE} ADDRESSED ^Y THEM.

Please drop your survey in the Survey Box provided or mail it to us at:

Amy Wiles
Mackin Engineering Company
117 Industry Drive, Pittsburgh, PA 15275



Turtle Creek Greenways Plan

Public Educational Workshop

June 17, 2010 Exit Survey

Please provide the following information to be notified for upcoming meetings/events:

Name: JIM PILLSBURY Representing: WCD
 Mailing Address: 218 DONDHOE ROAD Phone Number: [REDACTED]
 City / State / Zip: GBG Email address: [REDACTED]

Was this your first time visiting the Turtle Creek Greenway area? Yes No

If not, why have you visited the Turtle Creek Greenway (please specify activities):

What were your impressions of the Greenway in terms of the topics discussed (Conservation & Water Quality, Streambank Stabilization, Stormwater Management, Invasive Plant Species, Ecological Resources, and Recreation & Trail Opportunities)?

A GREAT PLACE TO VISIT. COULD BE GOOD FOR
FAMILY OUTINGS & PICNICS. COULD BE AN
OPPORTUNITY TO UNITE MUNICIPALITIES TOGETHER.
A CHANCE TO WORK TOGETHER ON STORMWATER

Do you support the concept of a public greenway being developed for the Turtle Creek Corridor?
 Yes No Maybe, not sure

Do you have any concerns regarding the development of a public greenway being developed for the Turtle Creek Corridor?

ACCESS — PARKING
FLOODING & EROSION

If you are representing an organization, does your organization currently have any projects planned within the Turtle Creek Greenway? _____ Yes _____ No

If yes, please describe the project(s): _____

Would you be interested, either personally or as part of your organization, to participate in implementation projects for the Turtle Creek Greenway? Yes _____ No

If yes, please describe the project(s): _____

What do you think are the priority projects that should be implemented with regards to the Turtle Creek Greenway?

EDUCATION & OUTREACH
BANK PROTECTION
STORMWATER WORK

Did you enjoy the "educational workshop" format of the meeting? Please use this space to provide any additional comments regarding the meeting or the Greenway Plan.

VERY GOOD SNACKS! 😊

Please drop your survey in the Survey Box provided or mail it to us at:

Amy Wiles
Mackin Engineering Company
117 Industry Drive, Pittsburgh, PA 15275



Turtle Creek Greenways Plan

Public Educational Workshop

June 17, 2010 Exit Survey

Please provide the following information to be notified for upcoming meetings/events:

Name: Maryann Lassak Representing: _____

Mailing Address: _____ Phone Number: _____

City / State / Zip: Morrisville, PA Email address: _____

Was this your first time visiting the Turtle Creek Greenway area? Yes No

If not, why have you visited the Turtle Creek Greenway (please specify activities):

What were your impressions of the Greenway in terms of the topics discussed (Conservation & Water Quality, Streambank Stabilization, Stormwater Management, Invasive Plant Species, Ecological Resources, and Recreation & Trail Opportunities)?

LOTS OF POTENTIAL - LOTS OF WORK

Do you support the concept of a public greenway being developed for the Turtle Creek Corridor?

Yes No Maybe, not sure

Do you have any concerns regarding the development of a public greenway being developed for the Turtle Creek Corridor?

WON'T HAPPEN IN MY LIFETIME!

If you are representing an organization, does your organization currently have any projects planned within the Turtle Creek Greenway? _____ Yes _____ ✓ No

If yes, please describe the project(s): _____

Would you be interested, either personally or as part of your organization, to participate in implementation projects for the Turtle Creek Greenway? _____ Yes _____ Not sure I HAVE THE TIME, POSSIBLY

If yes, please describe the project(s): _____

What do you think are the priority projects that should be implemented with regards to the Turtle Creek Greenway?

EROSION

Did you enjoy the "educational workshop" format of the meeting? Please use this space to provide any additional comments regarding the meeting or the Greenway Plan.

Very Much

Please drop your survey in the Survey Box provided or mail it to us at:

**Amy Wiles
Mackin Engineering Company
117 Industry Drive, Pittsburgh, PA 15275**



Turtle Creek Greenways Plan

Public Educational Workshop

June 17, 2010 Exit Survey

Please provide the following information to be notified for upcoming meetings/events:

Name: C. WILLIAM DAVIS Representing: MURKYSVILLE PARKS
 Mailing Address: 4778 N. HILLS RD Phone Number: [REDACTED]
 City / State / Zip: MURKYSVILLE PA 15768 Email address: [REDACTED] @mail.com

Was this your first time visiting the Turtle Creek Greenway area? Yes No

If not, why have you visited the Turtle Creek Greenway (please specify activities):

What were your impressions of the Greenway in terms of the topics discussed (Conservation & Water Quality, Streambank Stabilization, Stormwater Management, Invasive Plant Species, Ecological Resources, and Recreation & Trail Opportunities)?

They were all very well presented

Do you support the concept of a public greenway being developed for the Turtle Creek Corridor?

Yes No Maybe, not sure

Do you have any concerns regarding the development of a public greenway being developed for the Turtle Creek Corridor?

How well it be paid for

If you are representing an organization, does your organization currently have any projects planned within the Turtle Creek Greenway? Yes No

If yes, please describe the project(s): connecting the greenway with
Duff Park

Would you be interested, either personally or as part of your organization, to participate in implementation projects for the Turtle Creek Greenway? Yes No

If yes, please describe the project(s): I don't know yet

What do you think are the priority projects that should be implemented with regards to the Turtle Creek Greenway?

Get that railroad converted to a trail

Did you enjoy the "educational workshop" format of the meeting? Please use this space to provide any additional comments regarding the meeting or the Greenway Plan.

I think this session was very informative & it's
nice to be with people who share the same interests
and concerns about this beautiful earth!

Please drop your survey in the Survey Box provided or mail it to us at:

Amy Wiles
Mackin Engineering Company
117 Industry Drive, Pittsburgh, PA 15275



Turtle Creek Greenways Plan

Public Educational Workshop

June 17, 2010 Exit Survey

Please provide the following information to be notified for upcoming meetings/events:

Name: Jai Starr Representing: Houston-Starr Co

Mailing Address: 320 E. Rockton Ave Phone Number: [Redacted]

City / State / Zip: Richmond TX 77411 Email address: [Redacted]
Houston-Starr Co

Was this your first time visiting the Turtle Creek Greenway area? Yes No

If not, why have you visited the Turtle Creek Greenway (please specify activities):

hunting / Dune

What were your impressions of the Greenway in terms of the topics discussed (Conservation & Water Quality, Streambank Stabilization, Stormwater Management, Invasive Plant Species, Ecological Resources, and Recreation & Trail Opportunities)?

Interesting

Do you support the concept of a public greenway being developed for the Turtle Creek Corridor?
 Yes No Maybe, not sure

Do you have any concerns regarding the development of a public greenway being developed for the Turtle Creek Corridor?

Yes

If you are representing an organization, does your organization currently have any projects planned within the Turtle Creek Greenway? _____ Yes No

If yes, please describe the project(s): _____

Would you be interested, either personally or as part of your organization, to participate in implementation projects for the Turtle Creek Greenway? _____ Yes _____ No

If yes, please describe the project(s): _____

What do you think are the priority projects that should be implemented with regards to the Turtle Creek Greenway?

Did you enjoy the "educational workshop" format of the meeting? Please use this space to provide any additional comments regarding the meeting or the Greenway Plan.

Yes

Please drop your survey in the Survey Box provided or mail it to us at:

Amy Wiles
Mackin Engineering Company
117 Industry Drive, Pittsburgh, PA 15275



Turtle Creek Greenways Plan

Public Educational Workshop

June 17, 2010 Exit Survey

Please provide the following information to be notified for upcoming meetings/events:

Name: Bill Adams Representing: RESIDENT

Mailing Address: 211 SAUNDERS ST. Phone Number: [REDACTED]

City / State / Zip: TRAFFORD PA 15085 Email address: [REDACTED]

Was this your first time visiting the Turtle Creek Greenway area? Yes No

If not, why have you visited the Turtle Creek Greenway (please specify activities):

What were your impressions of the Greenway in terms of the topics discussed (Conservation & Water Quality, Streambank Stabilization, Stormwater Management, Invasive Plant Species, Ecological Resources, and Recreation & Trail Opportunities)?

Do you support the concept of a public greenway being developed for the Turtle Creek Corridor?
 Yes No Maybe, not sure

Do you have any concerns regarding the development of a public greenway being developed for the Turtle Creek Corridor?

If you are representing an organization, does your organization currently have any projects planned within the Turtle Creek Greenway? _____ Yes _____ No

If yes, please describe the project(s): _____

Would you be interested, either personally or as part of your organization, to participate in implementation projects for the Turtle Creek Greenway? _____ Yes _____ No

If yes, please describe the project(s): _____

What do you think are the priority projects that should be implemented with regards to the Turtle Creek Greenway?

Did you enjoy the "educational workshop" format of the meeting? Please use this space to provide any additional comments regarding the meeting or the Greenway Plan.

Please drop your survey in the Survey Box provided or mail it to us at:

**Amy Wiles
Mackin Engineering Company
117 Industry Drive, Pittsburgh, PA 15275**



Turtle Creek Greenways Plan
Public Educational Workshop
 June 17, 2010 Exit Survey

Arvey
 JUN 22 2010

Please provide the following information to be notified for upcoming meetings/events:

Name: Donna & Les Race Representing: Tratford-Resident
 Mailing Address: 271 Hillcrest Dr Phone Number: [REDACTED]
 City / State / Zip: Tratford, Pa, 15085 Email address: [REDACTED]@m.net

Was this your first time visiting the Turtle Creek Greenway area? Yes No

If not, why have you visited the Turtle Creek Greenway (please specify activities):

What were your impressions of the Greenway in terms of the topics discussed (Conservation & Water Quality, Streambank Stabilization, Stormwater Management, Invasive Plant Species, Ecological Resources, and Recreation & Trail Opportunities)?

We've walked that area many times and was surprised to see the amount of erosion. The Knotweed has taken over in a relatively short period of time. These areas will require a lot of work but I feel it would be worth our time and funding. It's a beautiful area

Do you support the concept of a public greenway being developed for the Turtle Creek Corridor?
 Yes No Maybe, not sure

Do you have any concerns regarding the development of a public greenway being developed for the Turtle Creek Corridor?

The fact that it's in a flood plane

If you are representing an organization, does your organization currently have any projects planned within the Turtle Creek Greenway? Yes No

If yes, please describe the project(s): _____

Would you be interested, either personally or as part of your organization, to participate in implementation projects for the Turtle Creek Greenway? Yes No

If yes, please describe the project(s): _____

What do you think are the priority projects that should be implemented with regards to the Turtle Creek Greenway?

Erosion, invasive vegetation

Did you enjoy the "educational workshop" format of the meeting? Please use this space to provide any additional comments regarding the meeting or the Greenway Plan.

Yes

Please drop your survey in the Survey Box provided or mail it to us at:

Amy Wiles
Mackin Engineering Company
117 Industry Drive, Pittsburgh, PA 15275



Turtle Creek Greenways Plan
Public Educational Workshop
 June 17, 2010 Exit Survey

Amey W.
 JUN 23 2010

Please provide the following information to be notified for upcoming meetings/events:

Name: CLARENCE "BOCK" SKENA
 Mailing Address: 3561 NORTH HILLS ROAD
 City / State / Zip: MURRYSVILLE, PA 15668

Representing: MEMBER • WESTERN PA CONSERVANCY
 • WESTMORELAND CONSERVANCY
 • FRIENDS OF MURRYSVILLE PARKS
 • VOLUNTEER
 Phone Number: [REDACTED]
 Email address: clarev [REDACTED] .com

Was this your first time visiting the Turtle Creek Greenway area? Yes No

If not, why have you visited the Turtle Creek Greenway (please specify activities):

I went to the Saunders Station area and walked
"upstream" and "downstream", and found a waterfall
a short distance downstream, and had a chance
meeting with descendants of the Saunders family who live in the

What were your impressions of the Greenway in terms of the topics discussed (Conservation & log (now board and batten) house on Saunders Station Road, Water Quality, Streambank Stabilization, Stormwater Management, Invasive Plant Species,

Ecological Resources, and Recreation & Trail Opportunities)?

"Right on", a well planned program featuring
knowledgeable people addressing important
topics and issues.

Do you support the concept of a public greenway being developed for the Turtle Creek Corridor?
 Yes No Maybe, not sure

Do you have any concerns regarding the development of a public greenway being developed for the Turtle Creek Corridor?

No problem with the greenway (a good project).
My main concern is with WATER QUALITY.

If you are representing an organization, does your organization currently have any projects planned within the Turtle Creek Greenway? Yes No ?

If yes, please describe the project(s): The Friends of Marysville Parks (FOMP) is actively trying to control and/or eliminate invasive species in Duff Park.

Would you be interested, either personally or as part of your organization, to participate in implementation projects for the Turtle Creek Greenway? Yes No ?

If yes, please describe the project(s): _____

What do you think are the priority projects that should be implemented with regards to the Turtle Creek Greenway?

- Move to "acquire" the Greenway or "permission" to use it
- Study and determine water quality, from springs to creeks, to Turtle Creek from sources to Trafford.

Did you enjoy the "educational workshop" format of the meeting? Please use this space to provide any additional comments regarding the meeting or the Greenway Plan.

The "educational workshop" (in the field, not a classroom) was outstanding. We were shown many of the challenges, some can be mitigated over time with adequate funding. However, water quality may be the most difficult problem. I enjoyed the workshop.
Please drop your survey in the Survey Box provided or mail it to us at:

Amy Wiles
Mackin Engineering Company
117 Industry Drive, Pittsburgh, PA 15275

Turtle Creek Greenways Plan

Public Educational Workshop

June 17, 2010 Exit Survey

Please provide the following information to be notified for upcoming meetings/events:

Name: Tom Rankley Representing: self
Mailing Address: 4946 Simmons Circle Phone Number: [REDACTED]
City / State / Zip: Expont, PA 15632 Email address: [REDACTED].com

Was this your first time visiting the Turtle Creek Greenway area? Yes No

If not, why have you visited the Turtle Creek Greenway (please specify activities):

What were your impressions of the Greenway in terms of the topics discussed (Conservation & Water Quality, Streambank Stabilization, Stormwater Management, Invasive Plant Species, Ecological Resources, and Recreation & Trail Opportunities)?

Streambank seemed fairly stable, although there were some areas that
needed help. Simpson Run shows obvious need for stormwater mgmt.
Lots of invasive weeds. Perfect trail opportunity but obviously not
until rail line is given up by the owners.

Do you support the concept of a public greenway being developed for the Turtle Creek Corridor?
 Yes No Maybe, not sure

Do you have any concerns regarding the development of a public greenway being developed for the Turtle Creek Corridor?

Not really

If you are representing an organization, does your organization currently have any projects planned within the Turtle Creek Greenway? _____ Yes _____ No *N/A*

If yes, please describe the project(s): _____

Would you be interested, either personally or as part of your organization, to participate in implementation projects for the Turtle Creek Greenway? Yes _____ No

If yes, please describe the project(s): *Mostly any work efforts - clearing land, developing trail beds, etc.*

What do you think are the priority projects that should be implemented with regards to the Turtle Creek Greenway?

I don't have the experience to know what should be prioritized first.

Did you enjoy the "educational workshop" format of the meeting? Please use this space to provide any additional comments regarding the meeting or the Greenway Plan.

Yes, I thought it was very well done. You (Amy) did a nice job presenting the background of the projects. I liked the hike and the different presentation 'stations'. It was all very well organized.

Please drop your survey in the Survey Box provided or mail it to us at:

Amy Wiles
Mackin Engineering Company
117 Industry Drive, Pittsburgh, PA 15275

Turtle Creek Greenway Plan Final Public Meeting

WHEN: Thursday, January 27, 2011

TIME: 7:00PM

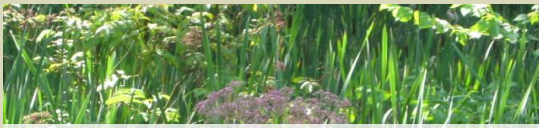
WHERE: Murrysville Municipal Building's Council Chambers
4100 Sardis Road, Murrysville PA

For more information, please contact:

amy.wiles@mackinengineering.com / 412.788.0472

msias@co.westmoreland.pa.us / 724.830.3968

For more information, please contact:



Close-up of green plants with purple flowers.



A stream flowing through a wooded area.



A dirt path winding through a wooded area.



A stream flowing through a wooded area.



Close-up of green plants.



For more information, please contact:

Amy Wiles, AICP, Mackin (consultant) at awiles@mackinengineering.com / 412.788.0472

Malcolm Sias, Westmoreland County Parks & Recreation at MSIAS@co.westmoreland.pa.us / 724.830.3968

Turtle Creek Greenways Plan (TCGP)

A conservation & recreation project for the Municipalities of Monroeville, Murrysville, Penn Township, and Trafford Borough

Public Meeting: January 27, 2011 Sign In Sheet

	Name	Representing	Email	Phone #
1	Chris LFO			
2	John Turack	Penn State SGP/ Cooperative Extension		
3	LON SPAENER	RESIDENT - MURRYSVILLE		
4	Noel Grimm	Westmoreland Heritage Trail		
5	Betsy Aiken	Westmoreland Land Trust		
6	Tom Dittman	Westmoreland Her. Trail		
7	LINDA LYMAN	P.F. NEWS		
8	Michele Clarke	Resident - Murrysville		
9	Bruce CORNA JR	Resident/ WCD/WLT		
10	Dale + Xina Matuzs	Residents		
11	Joe Galvin	Resident		
12	JIM & SARAH PILLSBURY	Westmoreland Conservation District		
13	Chris Goswick	Allegheny Co.		
14				
15				



Appendix F—Official List of the Birds in Pennsylvania

Credit for the following information and the “Official List of Birds of Pennsylvania” goes to the Pennsylvania Society for Ornithology website:
http://www.pabirds.org/PORC/PORC_Official_List.htm#TheList

[Official List of the Birds of Pennsylvania](#)

The Official List of the Birds of Pennsylvania was first published in 1990 (PB V4:51). Subsequent editions were published in 1995 (PB V9:118-123) and 2000 (PB V14: 109). One of the responsibilities of the Pennsylvania Ornithological Records Committee (P.O.R.C.) is to review the status of all species on the state list and to publish an Official State List every five years. The committee has completed its assignment and the following list is the result of its work.

[Classification of Records](#)

[Status Definition](#)

[Provisional List](#)

[Documentation](#)

[Nomenclature](#)

[The Pennsylvania List](#)

CLASSIFICATION OF RECORDS

[Back to top](#)

Class I: An accepted species documented by identifiable specimen, diagnostic photograph, or diagnostic recording.

Class II: An accepted sight record documented independently by two or more observers.

Class III: An accepted sight record documented independently by one observer.

The records must meet Class I criteria to be included on the Official List. Species in Class II and Class III are accepted to the Provisional List until they can be elevated to Class I status through submission of physical evidence (specimen, photograph, sound recording)

STATUS DEFINITION

[Back to top](#)

Regular: Species recorded 8,9,or 10 of the last ten years.

Casual: Species recorded 4,5,6, or 7 of the last ten years.

Accidental: Species recorded 3 or fewer of the last ten years.

Extirpated: A previously regularly occurring species that has not been recorded in fifty years.

Extinct: Species which no longer exists.

Note: These definitions reflect the number of years in which the species has been recorded, not the number of occurrences within one year. Therefore, 100 occurrences in one year in the last ten years would still be classified as Accidental.

PROVISIONAL LIST

[Back to top](#)

Those species that have been accepted on the basis of sight records. If physical evidence becomes available, the species will be moved to the Official List.

DOCUMENTATION

[Back to top](#)

Bold-faced/Underlined species and any species not already on the list are classified as rarities, and sightings of these species therefore require a specimen, photograph, recording, or one or more written descriptions for consideration of acceptance by P.O.R.C. The distribution of certain rarities varies widely according to geographical location within Pennsylvania. Therefore, some species are exempt from the documentation requirement in certain areas and are noted in the list below. For example, Great Cormorant occurs annually along the Delaware River in Bucks, Delaware, and Philadelphia counties, but is extremely rare elsewhere in the state. For this reason, sightings of Great Cormorant in Bucks, Delaware and Philadelphia counties do not need documentation in order to be verified but require documentation for acceptance when found outside these areas.

NOMENCLATURE

[Back to top](#)

The taxonomic treatment and species sequence follows the changes made in the 42nd, 43rd, 44th, 45th and 46th Supplements to the 1998 AOU Checklist, as published in Auk 117:847-858 (2000); 119:897-906 (2002); 120:923-931 (2003); 121:985-995 (2004); and 122:1026-1031 (2005).

THE PENNSYLVANIA LIST

[Back to top](#)

- [Class I - 401 Species](#)
- [Extirpated - 4 Species](#)
- [Extinct - 2 Species](#)
- [Provisional List - 8 Species](#)
- [Recognizable Forms and Subspecies](#)

This fourth edition of the Official List contains 401 species in Class I, 4 species on the extirpated list and 2 on the extinct list. The Provisional list contains 8 species. There are 18 additions to the Official State List since the publication of the third edition in 2000. The additions are given below. The year in parenthesis indicates the original date of documentation if different from the date the species was added to the list.

Changes in the Pennsylvania List since the last edition that resulted from changes in the AOU checklist are given below.

Changes in English names:

Oldsquaw becomes Long-tailed Duck (*Clangula hyemalis*)
Rock Dove becomes Rock Pigeon (*Columba livia*)

Changes in scientific names:

Purple Gallinule (*Porphyryla martinica*) becomes (*Porphyrio martinica*)
Red Phalarope (*Phalaropus fulicaria*) becomes (*Phalaropus fulicarius*)
Eastern Screech-Owl (*Otus asio*) becomes (*Megascops asio*)
Snowy Owl (*Nyctea scandiaca*) becomes (*Bubo scandiacus*)
Boreal Chickadee (*Poecile hudsonicus*) becomes (*Poecile hudsonica*)

Ovenbird (*Seiurus aurocapillus*) becomes (*Seiurus aurocapilla*)
Blue Grosbeak (*Guiraca caerulea*) becomes (*Passerina caerulea*)

Change in the Pennsylvania List as a result of splits in the AOU checklist:

Common Snipe becomes Wilson's Snipe (*Gallinago delicata*) split from (*Gallinago gallinago*)

Addition to the Pennsylvania List as a result of splits in the AOU checklist:

Cackling Goose (*Branta hutchinsii*)

Additions to the Pennsylvania List:

Greater Shearwater - added in 1999 by photograph.
Band-rumped Storm-Petrel - added in 2006 by photograph (2003).
White-tailed Tropicbird – added in 2002 from specimen collected in 1954.
Anhinga - moved from Provisional List in 2006 by photograph.
Long-billed Curlew – added in 2005 by photograph.
Curlew Sandpiper – added in 2002 by photograph.
Long-tailed Jaeger – added in 2000 by photograph.
California Gull - added in 2002 by photograph.
Black Guillemot – added in 1999 by photograph.
Calliope Hummingbird – added in 2002 by photograph.
Hammond's Flycatcher – added in 2000 by photograph.
Ash-throated Flycatcher - added in 1997 by photograph.
Gray Kingbird - added in 2004 by photograph.
Fork-tailed Flycatcher – added in 2006 by photograph.
Cave Swallow – moved from Provisional List in 2006 by photograph.
Redwing – added in 2005 by photograph.
MacGillivray's Warbler – added in 2004 by photograph

CLASS I - 401 SPECIES

[Back to top](#)

Black-bellied Whistling-Duck (*Dendrocygna autumnalis*) Accidental.

Pink-footed Goose (*Anser brachyrhynchus*) Casual.

Greater White-fronted Goose (*Anser albifrons*) Regular.

Snow Goose (*Chen caerulescens*) Regular

Ross's Goose (*Chen rossii*) Regular.

Brant (*Branta bernicla*) Regular.

Cackling Goose (*Branta hutchinsii*) Regular

Canada Goose (*Branta canadensis*) Regular.

Mute Swan (*Cygnus olor*) Regular

Tundra Swan (*Cygnus columbianus*) Regular.

Wood Duck (*Aix sponsa*) Regular.

Gadwall (*Anas strepera*) Regular

Eurasian Wigeon (*Anas penelope*) Regular

American Wigeon (*Anas americana*) Regular

American Black Duck (*Anas rubripes*) Regular

Mallard (*Anas platyrhynchos*) Regular.

Blue-winged Teal (*Anas discors*) Regular

Cinnamon Teal (*Anas cyanoptera*) Accidental

Northern Shoveler (*Anas clypeata*) Regular

Northern Pintail (*Anas acuta*) Regular

Green-winged Teal (*Anas crecca*) Regular.

Canvasback (*Aythya valisineria*) Regular

Redhead (*Aythya americana*) Regular.

Ring-necked Duck (*Aythya collaris*) Regular

Tufted Duck (*Aythya fuligula*) Accidental.

Greater Scaup (*Aythya marila*) Regular.

Lesser Scaup (*Aythya affinis*) Regular.

King Eider (*Somateria spectabilis*) Accidental

Harlequin Duck (*Histrionicus histrionicus*) Accidental

White-winged Scoter (*Melanitta fusca*) Regular

Surf Scoter (*Melanitta perspicillata*) Regular

Black Scoter (*Melanitta nigra*) Regular.

Long-tailed Duck (*Clangula hyemalis*) Regular.

Bufflehead (*Bucephala albeola*) Regular.

Common Goldeneye (*Bucephala clangula*) Regular

Barrow's Goldeneye (*Bucephala islandica*) Accidental.

Hooded Merganser (*Lophodytes cucullatus*) Regular

Common Merganser (*Mergus merganser*) Regular

Red-breasted Merganser (*Mergus serrator*) Regular

Masked Duck (*Nomonyx dominicus*) Accidental

Ruddy Duck (*Oxyura jamaicensis*) Regular

Ring-necked Pheasant (*Phasianus colchicus*) Regular

Ruffed Grouse (*Bonasa umbellus*) Regular

Wild Turkey (*Meleagris gallopavo*) Regular.

Northern Bobwhite (*Colinus virginianus*) Regular.

Red-throated Loon (*Gavia stellata*) Regular.

Pacific Loon (*Gavia pacifica*) Accidental.

Common Loon (*Gavia immer*) Regular.

Pied-billed Grebe (*Podilymbus podiceps*) Regular.

Horned Grebe (*Podiceps auritus*) Regular.

Red-necked Grebe (*Podiceps grisegena*) Regular

Eared Grebe (*Podiceps nigricollis*) Regular.

Black-capped Petrel (*Pterodroma hasitata*) Accidental.

Cory's Shearwater (*Calonectris diomedea*) Accidental.

Greater Shearwater (*Puffinus gravis*) Accidental

Leach's Storm-Petrel (*Oceanodroma leucorhoa*) Accidental.

Band-rumped Storm-Petrel (*Oceanodroma castro*) Accidental

White-tailed Tropicbird (*Phaethon lepturus*) Accidental

Northern Gannet (*Morus bassanus*) Accidental.

American White Pelican (*Pelecanus erythrorhynchos*) Regular.

Brown Pelican (*Pelecanus occidentalis*) Accidental.

Double-crested Cormorant (*Phalacrocorax auritus*) Regular.

Great Cormorant (*Phalacrocorax carbo*) Regular.

Anhinga (*Anhinga anhinga*) Accidental.

Magnificent Frigatebird (*Fregata magnificens*) Accidental.

American Bittern (*Botaurus lentiginosus*) Regular.

Least Bittern (*Ixobrychus exilis*) Regular.

Great Blue Heron (*Ardea herodias*) Regular.

Great Egret (*Ardea alba*) Regular.

Snowy Egret (*Egretta thula*) Regular.

Little Blue Heron (*Egretta caerulea*) Regular.

Tricolored Heron (*Egretta tricolor*) Regular.

Cattle Egret (*Bubulcus ibis*) Regular.

Green Heron (*Butorides virescens*) Regular.

Black-crowned Night-Heron (*Nycticorax nycticorax*) Regular.

Yellow-crowned Night-Heron (*Nyctanassa violacea*) Regular.

White Ibis (*Eudocimus albus*) Casual

Glossy Ibis (*Plegadis falcinellus*) Regular.

Roseate Spoonbill (*Platalea ajaja*) Accidental

Wood Stork (*Mycteria americana*) Casual

Black Vulture (*Coragyps atratus*) Regular.

Turkey Vulture (*Cathartes aura*) Regular.

Osprey (*Pandion haliaetus*) Regular.

Swallow-tailed Kite (*Elanoides forficatus*) Casual

Mississippi Kite (*Ictinia mississippiensis*) Casual.

Bald Eagle (*Haliaeetus leucocephalus*) Regular.

Northern Harrier (*Circus cyaneus*) Regular.

Sharp-shinned Hawk (*Accipiter striatus*) Regular.

Cooper's Hawk (*Accipiter cooperii*) Regular.

Northern Goshawk (*Accipiter gentilis*) Regular.

Red-shouldered Hawk (*Buteo lineatus*) Regular.

Broad-winged Hawk (*Buteo platypterus*) Regular.

Swainson's Hawk (*Buteo swainsoni*) Accidental

Red-tailed Hawk (*Buteo jamaicensis*) Regular.

Rough-legged Hawk (*Buteo lagopus*) Regular.

Golden Eagle (*Aquila chrysaetos*) Regular

American Kestrel (*Falco sparverius*) Regular

Merlin (*Falco columbarius*) Regular

Gyr Falcon (*Falco rusticolus*) Accidental

Peregrine Falcon (*Falco peregrinus*) Regular.

Yellow Rail (*Coturnicops noveboracensis*) Accidental.

Black Rail (*Laterallus jamaicensis*) Accidental.

Clapper Rail (*Rallus longirostris*) Accidental.

King Rail (*Rallus elegans*) Casual

Virginia Rail (*Rallus limicola*) Regular.

Sora (*Porzana carolina*) Regular.

Spotted Rail (*Pardirallus maculatus*) Accidental.

Purple Gallinule (*Porphyrio martinica*) Accidental.

Common Moorhen (*Gallinula chloropus*) Regular.

American Coot (*Fulica americana*) Regular.

Sandhill Crane (*Grus canadensis*) Regular.

Black-bellied Plover (*Pluvialis squatarola*) Regular.

American Golden-Plover (*Pluvialis dominica*) Regular.

Snowy Plover (*Charadrius alexandrinus*) Accidental.

Wilson's Plover (*Charadrius wilsonia*) Accidental.

Semipalmated Plover (*Charadrius semipalmatus*) Regular.

Piping Plover (*Charadrius melodus*) Casual

Killdeer (*Charadrius vociferus*) Regular.

American Oystercatcher (*Haematopus palliatus*) Accidental.

Black-necked Stilt (*Himantopus mexicanus*) Casual.

American Avocet (*Recurvirostra americana*) Regular.

Greater Yellowlegs (*Tringa melanoleuca*) Regular.

Lesser Yellowlegs (*Tringa flavipes*) Regular.

Solitary Sandpiper (*Tringa solitaria*) Regular.

Willet (*Tringa semipalmata*) Regular.

Spotted Sandpiper (*Actitis macularius*) Regular.

Upland Sandpiper (*Bartramia longicauda*) Casual

Long-billed Curlew (*Numenius americanus*) Accidental

Whimbrel (*Numenius phaeopus*) Regular.

Hudsonian Godwit (*Limosa haemastica*) Casual

Marbled Godwit (*Limosa fedoa*) Casual.

Ruddy Turnstone (*Arenaria interpres*) Regular.

Red Knot (*Calidris canutus*) Regular.

Sanderling (*Calidris alba*) Regular.

Semipalmated Sandpiper (*Calidris pusilla*) Regular.

Western Sandpiper (*Calidris mauri*) Regular.

Least Sandpiper (*Calidris minutilla*) Regular.

White-rumped Sandpiper (*Calidris fuscicollis*) Regular.

Baird's Sandpiper (*Calidris bairdii*) Regular.

Pectoral Sandpiper (*Calidris melanotos*) Regular.

Purple Sandpiper (*Calidris maritima*) Casual

Dunlin (*Calidris alpina*) Regular.

Curlew Sandpiper (*Calidris ferruginea*) Accidental

Stilt Sandpiper (*Calidris himantopus*) Regular.

Buff-breasted Sandpiper (*Tryngites subruficollis*) Regular.

Ruff (*Philomachus pugnax*) Accidental.

Short-billed Dowitcher (*Limnodromus griseus*) Regular.

Long-billed Dowitcher (*Limnodromus scolopaceus*) Regular.

Wilson's Snipe (*Gallinago delicata*) Regular.

American Woodcock (*Scolopax minor*) Regular.

Wilson's Phalarope (*Phalaropus tricolor*) Regular.

Red-necked Phalarope (*Phalaropus lobatus*) Regular.

Red Phalarope (*Phalaropus fulicarius*) Casual

Pomarine Jaeger (*Stercorarius pomarinus*) Casual

Parasitic Jaeger (*Stercorarius parasiticus*) Casual.

Long-tailed Jaeger (*Stercorarius longicaudus*) Accidental

Laughing Gull (*Larus atricilla*) Regular.

Franklin's Gull (*Larus pipixcan*) Regular.

Little Gull (*Larus minutus*) Regular.

Black-headed Gull (*Larus ridibundus*) Regular.

Bonaparte's Gull (*Larus philadelphia*) Regular.

Mew Gull (*Larus canus*) Accidental.

Ring-billed Gull (*Larus delawarensis*) Regular.

California Gull (*Larus californicus*) Accidental

Herring Gull (*Larus argentatus*) Regular.

Thayer's Gull (*Larus thayeri*) Regular.

Iceland Gull (*Larus glaucoides*) Regular.

Lesser Black-backed Gull (*Larus fuscus*) Regular.

Glaucous Gull (*Larus hyperboreus*) Regular.

Great Black-backed Gull (*Larus marinus*) Regular.

Sabine's Gull (*Xema sabini*) Casual

Black-Legged Kittiwake (*Rissa tridactyla*) Casual.

Ross's Gull (*Rhodostethia rosea*) Accidental.

Gull-billed Tern (*Gelochelidon nilotica*) Casual

Caspian Tern (*Hydroprogne caspia*) Regular.

Royal Tern (*Thalasseus maximus*) Accidental.

Roseate Tern (*Sterna dougallii*) Accidental.

Common Tern (*Sterna hirundo*) Regular.

Arctic Tern (*Sterna paradisaea*) Casual

Forster's Tern (*Sterna forsteri*) Regular.

Least Tern (*Sternula antillarum*) Casual.

Sooty Tern (*Onychoprion fuscatus*) Accidental.

Black Tern (*Chlidonias niger*) Regular.

Black Skimmer (*Rynchops niger*) Casual.

Dovekie (*Alle alle*) Accidental.

Thick-billed Murre (*Uria lomvia*) Accidental.

Black Guillemot (*Cepphus grylle*) Accidental.

Ancient Murrelet (*Synthliboramphus antiquus*) Accidental.

Rock Pigeon (*Columba livia*) Regular.

Eurasian Collared-Dove (*Streptopelia decaocto*) Casual.

White-winged Dove (*Zenaida asiatica*) Accidental

Mourning Dove (*Zenaida macroura*) Regular.

Common Ground-Dove (*Columbina passerina*) Accidental.

Black-billed Cuckoo (*Coccyzus erythrophthalmus*) Regular.

Yellow-billed Cuckoo (*Coccyzus americanus*) Regular.

Barn Owl (*Tyto alba*) Regular.

Eastern Screech-Owl (*Megascops asio*) Regular.

Great Horned Owl (*Bubo virginianus*) Regular.

Snowy Owl (*Bubo scandiacus*) Regular.

Northern Hawk Owl (*Surnia ulula*) Accidental.

Barred Owl (*Strix varia*) Regular.

Great Gray Owl (*Strix nebulosa*) Accidental.

Long-eared Owl (*Asio otus*) Regular.

Short-eared Owl (*Asio flammeus*) Regular.

Boreal Owl (*Aegolius funereus*) Accidental.

Northern Saw-whet Owl (*Aegolius acadicus*) Regular.

Common Nighthawk (*Chordeiles minor*) Regular.

Chuck-will's-widow (*Caprimulgus carolinensis*) Casual.

Whip-poor-will (*Caprimulgus vociferus*) Regular

Chimney Swift (*Chaetura pelagica*) Regular.

Ruby-throated Hummingbird (*Archilochus colubris*) Regular.

Calliope Hummingbird (*Stellula calliope*) Accidental.

Rufous Hummingbird (*Selasphorus rufus*) Regular.

Belted Kingfisher (*Megaceryle alcyon*) Regular.

Red-headed Woodpecker (*Melanerpes erythrocephalus*) Regular.

Red-bellied Woodpecker (*Melanerpes carolinus*) Regular.

Yellow-bellied Sapsucker (*Sphyrapicus varius*) Regular.

Downy Woodpecker (*Picoides pubescens*) Regular.

Hairy Woodpecker (*Picoides villosus*) Regular

Black-backed Woodpecker (*Picoides arcticus*) Accidental.

Northern Flicker (*Colaptes auratus*) Regular.

Pileated Woodpecker (*Dryocopus pileatus*) Regular.

Olive-sided Flycatcher (*Contopus cooperi*) Regular.

Eastern Wood-Pewee (*Contopus virens*) Regular.

Yellow-bellied Flycatcher (*Empidonax flaviventris*) Regular.

Acadian Flycatcher (*Empidonax virescens*) Regular.

Alder Flycatcher (*Empidonax alnorum*) Regular.

Willow Flycatcher (*Empidonax traillii*) Regular.

Least Flycatcher (*Empidonax minimus*) Regular.

Hammond's Flycatcher (*Empidonax hammondii*) Accidental.

Pacific-slope Flycatcher (*Empidonax difficilis*) Accidental.

Eastern Phoebe (*Sayornis phoebe*) Regular.

Say's Phoebe (*Sayornis saya*) Accidental.

Vermilion Flycatcher (*Pyrocephalus rubinus*) Accidental.

Ash-throated Flycatcher (*Myiarchus cinerascens*) Accidental.

Great Crested Flycatcher (*Myiarchus crinitus*) Regular.

Western Kingbird (*Tyrannus verticalis*) Casual.

Eastern Kingbird (*Tyrannus tyrannus*) Regular.

Gray Kingbird (*Tyrannus dominicensis*) Accidental.

Scissor-tailed Flycatcher (*Tyrannus forficatus*) Accidental.

Fork-tailed Flycatcher (*Tyrannus savana*) Accidental.

Loggerhead Shrike (*Lanius ludovicianus*) Regular

Northern Shrike (*Lanius excubitor*) Casual.

White-eyed Vireo (*Vireo griseus*) Regular.

Yellow-throated Vireo (*Vireo flavifrons*) Regular.

Blue-headed Vireo (*Vireo solitarius*) Regular.

Warbling Vireo (*Vireo gilvus*) Regular.

Philadelphia Vireo (*Vireo philadelphicus*) Regular.

Red-eyed Vireo (*Vireo olivaceus*) Regular

Blue Jay (*Cyanocitta cristata*) Regular.

American Crow (*Corvus brachyrhynchos*) Regular.

Fish Crow (*Corvus ossifragus*) Regular.

Common Raven (*Corvus corax*) Regular

Horned Lark (*Eremophila alpestris*) Regular.

Purple Martin (*Progne subis*) Regular.

Tree Swallow (*Tachycineta bicolor*) Regular.

Northern Rough-winged Swallow (*Stelgidopteryx serripennis*) Regular.

Bank Swallow (*Riparia riparia*) Regular.

Cliff Swallow (*Petrochelidon pyrrhonota*) Regular.

Cave Swallow (*Petrochelidon fulva*) Accidental.

Barn Swallow (*Hirundo rustica*) Regular.

Carolina Chickadee (*Poecile carolinensis*) Regular

Black-capped Chickadee (*Poecile atricapillus*) Regular.

Boreal Chickadee (*Poecile hudsonica*) Accidental.

Tufted Titmouse (*Baeolophus bicolor*) Regular.

Red-breasted Nuthatch (*Sitta canadensis*) Regular.

White-breasted Nuthatch (*Sitta carolinensis*) Regular.

Brown Creeper (*Certhia americana*) Regular.

Carolina Wren (*Thryothorus ludovicianus*) Regular.

Bewick's Wren (*Thryomanes bewickii*) Accidental.

House Wren (*Troglodytes aedon*) Regular.

Winter Wren (*Troglodytes troglodytes*) Regular.

Sedge Wren (*Cistothorus platensis*) Casual.

Marsh Wren (*Cistothorus palustris*) Regular.

Golden-crowned Kinglet (*Regulus satrapa*) Regular.

Ruby-crowned Kinglet (*Regulus calendula*) Regular.

Blue-gray Gnatcatcher (*Poliophtila caerulea*) Regular.

Northern Wheatear (*Oenanthe oenanthe*) Accidental.

Eastern Bluebird (*Sialia sialis*) Regular.

Mountain Bluebird (*Sialia currucoides*) Accidental.

Townsend's Solitaire (*Myadestes townsendi*) Accidental.

Veery (*Catharus fuscescens*) Regular.

Gray-cheeked Thrush (*Catharus minimus*) Regular.

Bicknell's Thrush (*Catharus bicknelli*) Accidental

Swainson's Thrush (*Catharus ustulatus*) Regular.

Hermit Thrush (*Catharus guttatus*) Regular.

Wood Thrush (*Hylocichla mustelina*) Regular.

Redwing (*Turdus iliacus*) Accidental.

American Robin (*Turdus migratorius*) Regular.

Varied Thrush (*Ixoreus naevius*) Casual.

Gray Catbird (*Dumetella carolinensis*) Regular.

Northern Mockingbird (*Mimus polyglottos*) Regular.

Brown Thrasher (*Toxostoma rufum*) Regular.

European Starling (*Sturnus vulgaris*) Regular.

American Pipit (*Anthus rubescens*) Regular.

Bohemian Waxwing (*Bombycilla garrulus*) Casual.

Cedar Waxwing (*Bombycilla cedrorum*) Regular.

Blue-winged Warbler (*Vermivora pinus*) Regular.

Golden-winged Warbler (*Vermivora chrysoptera*) Regular.

Tennessee Warbler (*Vermivora peregrina*) Regular.

Orange-crowned Warbler (*Vermivora celata*) Regular.

Nashville Warbler (*Vermivora ruficapilla*) Regular.

Northern Parula (*Parula americana*) Regular.

Yellow Warbler (*Dendroica petechia*) Regular.

Chestnut-sided Warbler (*Dendroica pensylvanica*) Regular.

Magnolia Warbler (*Dendroica magnolia*) Regular.

Cape May Warbler (*Dendroica tigrina*) Regular.

Black-throated Blue Warbler (*Dendroica caerulescens*) Regular.

Yellow-rumped Warbler (*Dendroica coronata*) Regular.

Black-throated Gray Warbler (*Dendroica nigrescens*) Casual.

Black-throated Green Warbler (*Dendroica virens*) Regular.

Townsend's Warbler (*Dendroica townsendi*) Accidental.

Blackburnian Warbler (*Dendroica fusca*) Regular.

Yellow-throated Warbler (*Dendroica dominica*) Regular.

Pine Warbler (*Dendroica pinus*) Regular.

Kirtland's Warbler (*Dendroica kirtlandii*) Casual.

Prairie Warbler (*Dendroica discolor*) Regular.

Palm Warbler (*Dendroica palmarum*) Regular.

Bay-breasted Warbler (*Dendroica castanea*) Regular.

Blackpoll Warbler (*Dendroica striata*) Regular.

Cerulean Warbler (*Dendroica cerulea*) Regular.

Black-and-white Warbler (*Mniotilta varia*) Regular.

American Redstart (*Setophaga ruticilla*) Regular.

Prothonotary Warbler (*Protonotaria citrea*) Regular.

Worm-eating Warbler (*Helmitheros vermivorum*) Regular.

Swainson's Warbler (*Limnothlypis swainsonii*) Casual.

Ovenbird (*Seiurus aurocapilla*) Regular.

Northern Waterthrush (*Seiurus noveboracensis*) Regular.

Louisiana Waterthrush (*Seiurus motacilla*) Regular.

Kentucky Warbler (*Oporornis formosus*) Regular.

Connecticut Warbler (*Oporornis agilis*) Regular.

Mourning Warbler (*Oporornis philadelphia*) Regular.

MacGillivray's Warbler (*Oporornis tolmiei*) Accidental.

Common Yellowthroat (*Geothlypis trichas*) Regular.

Hooded Warbler (*Wilsonia citrina*) Regular.

Wilson's Warbler (*Wilsonia pusilla*) Regular.

Canada Warbler (*Wilsonia canadensis*) Regular.

Yellow-breasted Chat (*Icteria virens*) Regular.

Summer Tanager (*Piranga rubra*) Regular.

Scarlet Tanager (*Piranga olivacea*) Regular.

Western Tanager (*Piranga ludoviciana*) Accidental.

Green-tailed Towhee (*Pipilo chlorurus*) Accidental.

Spotted Towhee (*Pipilo maculatus*) Accidental

Eastern Towhee (*Pipilo erythrophthalmus*) Regular

American Tree Sparrow (*Spizella arborea*) Regular.

Chipping Sparrow (*Spizella passerina*) Regular.

Clay-colored Sparrow (*Spizella pallida*) Regular.

Field Sparrow (*Spizella pusilla*) Regular.

Vesper Sparrow (*Pooecetes gramineus*) Regular.

Lark Sparrow (*Chondestes grammacus*) Casual.

Lark Bunting (*Calamospiza melanocorys*) Accidental.

Savannah Sparrow (*Passerculus sandwichensis*) Regular.

Grasshopper Sparrow (*Ammodramus savannarum*) Regular.

Henslow's Sparrow (*Ammodramus henslowii*) Regular.

Le Conte's Sparrow (*Ammodramus leconteii*) Casual.

Nelson's Sharp-tailed Sparrow (*Ammodramus nelsoni*) Regular.

Saltmarsh Sharp-tailed Sparrow (*Ammodramus caudacutus*) Accidental

Seaside Sparrow (*Ammodramus maritimus*) Accidental.

Fox Sparrow (*Passerella iliaca*) Regular.

Song Sparrow (*Melospiza melodia*) Regular.

Lincoln's Sparrow (*Melospiza lincolni*) Regular.

Swamp Sparrow (*Melospiza georgiana*) Regular.

White-throated Sparrow (*Zonotrichia albicollis*) Regular

Harris's Sparrow (*Zonotrichia querula*) Casual.

White-crowned Sparrow (*Zonotrichia leucophrys*) Regular.

Golden-crowned Sparrow (*Zonotrichia atricapilla*) Accidental.

Dark-eyed Junco (*Junco hyemalis*) Regular.

Lapland Longspur (*Calcarius lapponicus*) Regular.

Snow Bunting (*Plectrophenax nivalis*) Regular.

Northern Cardinal (*Cardinalis cardinalis*) Regular.

Rose-breasted Grosbeak (*Pheucticus ludovicianus*) Regular.

Black-headed Grosbeak (*Pheucticus melanocephalus*) Accidental.

Blue Grosbeak (*Passerina caerulea*) Regular.

Lazuli Bunting (*Passerina amoena*) Accidental.

Indigo Bunting (*Passerina cyanea*) Regular.

Painted Bunting (*Passerina ciris*) Casual.

Dickcissel (*Spiza americana*) Regular.

Bobolink (*Dolichonyx oryzivorus*) Regular.

Red-winged Blackbird (*Agelaius phoeniceus*) Regular.

Eastern Meadowlark (*Sturnella magna*) Regular.

Western Meadowlark (*Sturnella neglecta*) Casual.

Yellow-headed Blackbird (*Xanthocephalus xanthocephalus*) Regular.

Rusty Blackbird (*Euphagus carolinus*) Regular.

Brewer's Blackbird (*Euphagus cyanocephalus*) Regular.

Common Crackle (*Quiscalus quiscula*) Regular.

Brown-headed Cowbird (*Molothrus ater*) Regular.

Orchard Oriole (*Icterus spurius*) Regular.

Baltimore Oriole (*Icterus galbula*) Regular

Bullock's Oriole (*Icterus bullockii*) Accidental

Brambling (*Fringilla montifringilla*) Accidental.

Pine Grosbeak (*Pinicola enucleator*) Regular.

Purple Finch (*Carpodacus purpureus*) Regular.

House Finch (*Carpodacus mexicanus*) Regular.

Red Crossbill (*Loxia curvirostra*) Regular.

White-winged Crossbill (*Loxia leucoptera*) Regular.

Common Redpoll (*Carduelis flammea*) Regular.

Hoary Redpoll (*Carduelis hornemanni*) Accidental

Pine Siskin (*Carduelis pinus*) Regular.

American Goldfinch (*Carduelis tristis*) Regular.

Evening Grosbeak (*Coccothraustes vespertinus*) Regular.

House Sparrow (*Passer domesticus*) Regular.

EXTIRPATED - 4 SPECIES

[Back to top](#)

Greater Prairie-Chicken (*Tympanuchus cupido*)

Eskimo Curlew (*Numenius borealis*)

Brown-headed Nuthatch (*Sitta pusilla*)

Bachman's Sparrow (*Aimophila aestivalis*)

EXTINCT - 2 SPECIES

[Back to top](#)

Passenger Pigeon (*Ectopistes migratorius*)

Carolina Parakeet (*Conuropsis carolinensis*)

TOTAL - 407 SPECIES

PROVISIONAL LIST

[Back to top](#)

Although no species is accepted on the official Pennsylvania list without documentation by specimen, photograph or tape-recording, the Committee may accept sight records (i.e. for species not on the state list) which are supported by written details alone. Such species are added to this “Provisional List”. If documentation in the form of specimen, photograph, or tape recording finally becomes available, the species is then moved to the state list.

Common Eider (*Somateria mollissima*) Accidental
Northern Fulmar (*Fulmarus glacialis*) Accidental.
Black-tailed Godwit (*Limosa limosa*) Accidental
Surfbird (*Aphriza virgata*) Accidental.
Band-tailed Pigeon (*Patagioenas fasciata*) Accidental
apus sp. (*Apus*). Accidental
Lewis’s Woodpecker (*Melanerpes lewis*) Accidental
Violet-green Swallow (*Tachycineta thalassina*) Accidental

RECOGNIZABLE FORMS AND SUBSPECIES

[Back to top](#)

This is a list of recognizable forms and subspecies that have occurred in Pennsylvania and which documentation of future sightings is requested.

“Black” Brant (*Branta bernicla nigricans*).
Green-winged (Common) Teal (*Anas crecca crecca*).
“Eastern” Willet (*Catoptrophorus semipalmatus semipalmatus*).
Yellow-rumped (Audubon’s) Warbler (*Dendroica coronata auduboni*).
White-crowned (Gambell’s) Sparrow (*Zonotrichia leucophrys gambelii*).
Dark-eyed (Oregon) Junco (*Junco hyemalis thurberi*).

Acknowledgements:

Everyone who has birded in Pennsylvania and reported their record(s) for publication has contributed to this Official List. P.O.R.C. wishes to thank the many observers who took the time to submit photographs and written documentation of bird species in Pennsylvania.

REQUESTS FOR CORRECTIONS AND RECORDS

This Official List should not be considered as the final word on Pennsylvania birdlife. It is only our knowledge to the present, and will be outdated soon after it is published. Undoubtedly, there will be errors, typographical or technical, and perhaps omissions. When these are noted or when authentic records are obtained for species that are not listed, that information should be forwarded to the Pennsylvania Ornithological Records, Nick Pulcinella, Secretary. 613 Howard Road, West Chester, PA 19380 nickpulcinella@verizon.net.



Appendix G—PNDI Correspondence

2010-0414

Lat/Long

COPY

Mackin Engineering Company
 R.I.D.C. Park West
 117 Industry Drive
 Pittsburgh, PA 15276-1015
 Phone: (412) 788-0472
 Fax: (412) 787-3588



January 19, 2010

Fish and Wildlife Service
 David Densmore
 Supervisor
 United States Department of Interior
 Pennsylvania Field Office
 315 South Allen Street, Suite 322
 State College, PA 16801-4850



U.S. FISH AND WILDLIFE SERVICE

Pennsylvania Field Office
 315 South Allen Street, Suite 322
 State College, Pennsylvania 16801-4850



No federally listed species under our jurisdiction is known or likely to occur in the project area. This determination is valid for two years. Should project plans change, or if additional information on listed species become available, this determination may be reconsidered.

Leticia Cole

Acting Supervisor 3/25/10

RE: Turtle Creek Greenway Plan
 Allegheny and Westmoreland Counties, PA
 Threatened or Endangered Species
 Mackin Project No. 4715-001

Dear Mr. Densmore:

Mackin Engineering Company has been contracted by the Regional Trail Corporation (RTC) in partnership with the Turtle Creek Watershed Association (TCWA) to prepare the Turtle Creek Greenway Plan (TCGP). The project area encompasses 6 miles of the Turtle Creek stream valley, beginning at Duff Park in the Municipality of Murrysville, through Penn Township and the Municipality of Monroeville, ending in Trafford Borough. Thus, the project area encompasses portions of both Allegheny and Westmoreland Counties, Pennsylvania. The study area for the project is located on the Braddock and Murrysville quadrangles of the 7.5 USGS map series. Further details regarding the study area are provided on the enclosed map.

The purpose of the TCGP is to protect the natural resources and green space within the Turtle Creek Greenway and to identify potential areas for conservation, recreation, preservation, and restoration. The completed plan will result in specific management strategies to address the plan goals based on existing opportunities, constraints, and in consideration of public input. These strategies will be aimed at the preservation of the Greenway as a natural and recreational area for surrounding communities and will identify organizations and project partners integral to the project implementation.

As a Greenways Plan, this project will not have any impacts to any federally or state listed threatened or endangered species or species of special concern. We are requesting a list of identified species under your jurisdiction within the project area to include in the existing natural resources section of the plan.



established 1866

Pennsylvania Fish & Boat Commission

Division of Environmental Services
Natural Diversity Section
450 Robinson Lane
Bellefonte, PA 16823-9620
(814) 359-5237 Fax: (814) 359-5175

IN REPLY REFER TO:
SIR# 33288

March 17, 2010

Jennifer Yeckel
Mackin Engineering Company
R.I.D.C. Park West
117 Industry Drive
Pittsburgh, Pennsylvania 15275

RE: **Species Impact Review (SIR) - Rare, Candidate, Threatened and Endangered Species
Turtle Creek Greenway Plan
Allegheny and Westmoreland Counties, Pennsylvania**

Dear Ms. Yeckel:

I have examined the map accompanying your recent correspondence, which shows the location for the above-referenced project. Based on records maintained in the Pennsylvania Natural Diversity Inventory (PNDI) database and our own files, the state candidate American brook lamprey (*Lampetra appendix*) is known from the vicinity of the project.

This fish species is especially vulnerable to physical (dredging, rip-rap, etc.) and chemical (pH, dissolved oxygen, temperature, heavy metals and organic contaminants) changes to the aquatic environment. Although the mobile adults of this protected fish species may be capable of moving away from an instream project area, their spawning grounds (including eggs, fry, and immature fish) are vulnerable to burial, crushing by equipment, and siltation from in-stream construction projects. We are concerned about potential impacts to the fish, eggs and hatching fry from any in-stream work associated with this project. Therefore, we request that **all in-stream activity be avoided from March 15 through June 15 in order to avoid adverse impacts during the spawning season for this species.** Likewise, all work should be done during low flow periods, and strict erosion and sedimentation control measures need to be employed. Provided that these recommendations are followed, best management practices are employed, and an approved strict erosion and sedimentation control plan is maintained, then I do not anticipate the proposed activity to have any significant adverse impacts to the species of special concern or any other rare or protected species under Pennsylvania Fish & Boat Commission jurisdiction.

If you have any questions regarding this response, please contact Nevin Welte of my staff at (412) 586-2334 and refer to the SIR number at the top of this letter. Thank you for your cooperation and attention to this matter of threatened and endangered species conservation.

Sincerely,


Christopher A. Urban, Chief
Natural Diversity Section

CAU/NTW
c: DEP-NW Region

Our Mission:

www.fish.state.pa.us

To protect, conserve and enhance the Commonwealth's aquatic resources and provide fishing and boating opportunities.



February 16, 2010

Jennifer Yeckel
Macklin Engineering Company
RIDC Park West
117 Industry Drive
Pittsburgh, PA 15275-1015

MACKLIN ENGINEERING COMPANY	
Project No. _____	
<input type="checkbox"/> IVM	<input type="checkbox"/> BDB
<input type="checkbox"/> DIM	<input type="checkbox"/> SJP
<input type="checkbox"/> TER	<input type="checkbox"/> LAL
<input type="checkbox"/> RPP	<input type="checkbox"/> VJC
<input type="checkbox"/> MHD	<input type="checkbox"/> _____
<input type="checkbox"/> _____	<input type="checkbox"/> _____
<input type="checkbox"/> Correspondence File	<input type="checkbox"/> Contract File
<input type="checkbox"/> Administration File	<input type="checkbox"/> Marketing File
<input type="checkbox"/> Enclosures: _____	Dept. _____

PNDI Number: 20559

COPY

Re: Turtle Creek Greenway Plan
Cities of Murrysville and Monroeville, Trafford Borough, and Penn Township ; Allegheny and Westmoreland Counties

Dear Ms. Yeckel,

Thank you for submission of the Pennsylvania Natural Diversity Inventory (PNDI) Environmental Review Receipt Number 20559 for review. PA Department of Conservation and Natural Resources screened this project for potential impacts to species and resources of concern under DCNR's responsibility, which includes plants, terrestrial invertebrates, natural communities, and geologic features only.

This correspondence is only an informational letter to enable more appropriate project planning before a project is formally submitted to DCNR for review. If any earth disturbance is planned or more detailed project information becomes available, please submit this project to our office for further review of potential impacts to the attached species list. Our recommendation is that a qualified botanist should establish more detailed presence or absence and location data for the species listed below. DCNR would be willing to assist Macklin Engineering and carry out a botanical survey, if desired, for the sensitive area within the Turtle Creek Greenway Plan. **Again, this letter DOES NOT provide approval from DCNR for any earth disturbance associated with this project.**

PNDI records indicate that the following Pennsylvania plant species of special concern under DCNR's jurisdiction have previously been found **within the proposed project location**:

Trillium nivale (Snow trillium) PA Rare Status: Often found in moist woods; survey should be conducted from late March to early April. Within the proposed Greenway, this species was found along the lower slopes of a northeast facing stream bank (Simpson Run) in moist soils in a tulip poplar / sugar maple forest. The included map provides location information for this species and potential habitat areas.

PNDI records indicate that the following Biological Diversity Area (BDA) delineated by the Western Pennsylvania Conservancy during the Allegheny County Natural Inventory is located **within the proposed project location**:

Simpson Run BDA (High Value Site) - This site is a maturing, mesic central forest community along a northern tributary to Turtle Creek, Simpson Run. Simpson Run enters Turtle Creek just downstream of the Saunders Station Road crossing. This BDA has been recognized as a special species habitat, especially lower southwestern slopes of the valley which are occupied by tulip poplar and sugar maple woods.

This response represents the most up-to-date summary of the PNDI data files and is valid for one (1) year from the date of this letter. An absence of recorded information does not necessarily imply actual conditions on-site. Should project plans change or additional information on listed or proposed species become available, this determination may be reconsidered.

This finding applies to impacts to DCNR only. To complete your review of state and federally-listed threatened and endangered species and species of special concern, please be sure the U.S. Fish and Wildlife Service, PA Game Commission, and the Pennsylvania Fish and Boat Commission have been contacted regarding this project as directed by the online PNDI ER Tool found at www.naturalheritage.state.pa.us.

Sincerely,

Mr. Kelly L. Sitch, Environmental Review Specialist FOR Chris Firestone, Wild Plant Program Mgr.
Ph: 717-425-5370 ~ Fax: 717-772-0271 ~ c-ksitch@state.pa.us

conserve sustain enjoy

P.O. Box 8552, Harrisburg, PA 17015-8552 717-787-3444 (fax) 717-772-0271

Snow trillium (*Trillium nivale*)

Pennsylvania Plant Species of Concern

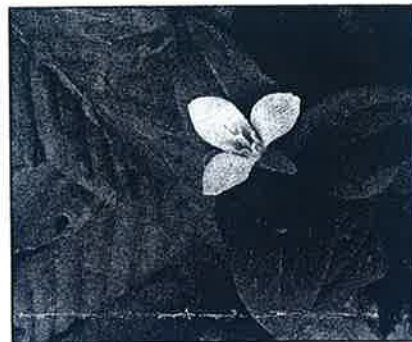
State Rank: S3 (vulnerable), Global Rank: G4 (apparently secure)

What it looks like:

Snow trillium is a small member of the lily family, growing only up to 15 centimeters (about 6 inches) tall. Its structure is very simple: a single stem rises from a short, thick rhizome (underground stem) to a single whorl of leaves, then a single flower. The seeds bear fatty elaiosomes, which attract ants to carry seeds away from the parent plant. Individual plants may live more than eight years.

The **flower** has three white, oval-shaped petals above three slenderer sepals; they are about 4 cm (2 in) across or smaller. Flowering occurs during late February and March.

Three **leaves** are arranged in a single whorl below the flower. They are oval to triangular with a few prominent parallel veins, and from 3 to 5 cm (1.5 to 2 in) long.



Thomas G. Barnes @ USDA-NRCS PLANTS Database - Barnes, T.G. & S.W. Francis. 2004. *Wildflowers and ferns of Kentucky*. University Press of Kentucky.

Where it is found:

Snow trillium grows in wet, fertile woodlands from Pennsylvania west to North Dakota and Nebraska and south to Virginia. It is a calciphile, preferring soil with high limestone content.

Why it is rare:

Threats to snow trillium include habitat destruction by logging and quarrying, grazing in the Midwest, and competition from in-

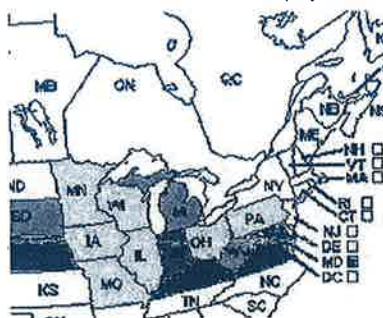
Pennsylvania Distribution by County



▲ current data ■ records > 30 years old (1975)
Pennsylvania Natural Heritage Program data 2005

North American State/Province Conservation Status

Map by NatureServe (August 2007)



State/Province Status Ranks

- SX – presumed extirpated
- SH – possibly extirpated
- S1 – critically imperiled
- S2 – imperiled
- S3 – vulnerable
- S4 – apparently secure
- S5 – secure
- Not ranked/under review

vasive species in some areas. Its populations are often small and widely scattered across its range.

Conservation considerations:

Snow trillium can most benefit from preservation of undisturbed habitat, with consideration given to save areas large enough for population expansion. Control or removal of invasive exotic competitors will also help.



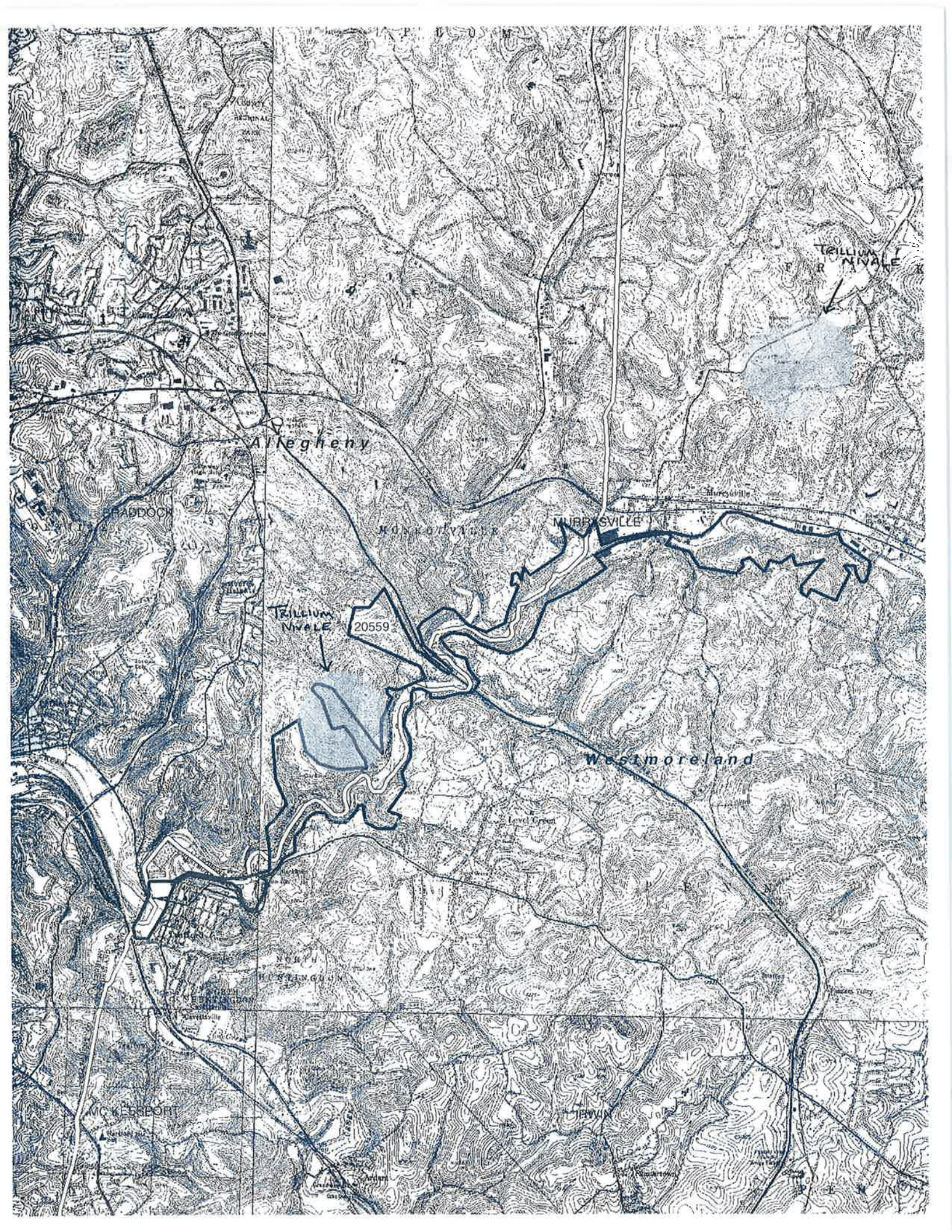
Pennsylvania Natural Heritage Program



Saving the places we care about

References

- Gleason, Henry A. and Arthur Cronquist. 1991. *Manual of Vascular Plants of Northeastern United States and Adjacent Canada*. Second ed. New York: The New York Botanical Garden. 834.
- Holmgren, Noel H. 1998. *The Illustrated Companion to Gleason and Cronquist's Manual*. New York: The New York Botanical Garden. 795.
- NatureServe. 2007. *NatureServe Explorer: An online encyclopedia of life* [web application]. Version 6.2. NatureServe, Arlington, Virginia. Available <http://www.natureserve.org/explorer>. (Accessed: August 31, 2007).
- Neson, G.L. and J.C. LaDuke. 1985. *Biology of Trillium nivale (Lilaceae)* [Abstract]. *Canadian Journal of Botany*. 63(1): 7-14.
- Smith, Brent H., Paul D. Forman, and Amy E. Boyd. 1989. *Spatial Patterns of Seed Dispersal and Predation of Two Myrmecochorous Forest Herbs*. *Ecology*, 70(6): 1649-56.
- United States Department of Agriculture - Natural Resources Conservation Service. 2005. *The PLANTS Database* [web application]. National Plant Data Center, Baton Rouge, Louisiana 70874-4490 USA. Available at <http://plants.usda.gov>. Accessed 13 January 2005.





COMMONWEALTH OF PENNSYLVANIA
PENNSYLVANIA GAME COMMISSION
2001 ELMERTON AVENUE, HARRISBURG, PA
17110

*"TO MANAGE ALL WILD BIRDS, MAMMALS AND THEIR HABITATS
FOR CURRENT AND FUTURE GENERATIONS."*

PNDI Project Review

January 26, 2010

Ms. Jennifer Yeckel
Mackin Engineering Company
R.I.D.C. Park West
117 Industry Drive
Pittsburgh, PA 15275-1015

PNDI Project Review
Turtle Creek Greenway Plan
Allegheny and Westmoreland Counties, PA
M.P. # 4715-001

Dear Ms. Yeckel:

Thank you for submitting information about the above referenced project so that a Pennsylvania Natural Diversity Inventory (PNDI) Environmental Review could be conducted for this project. The Pennsylvania Game Commission (PGC) screened this project for potential impacts to species and resources of concern under PGC responsibility, which includes birds and mammals only.

No Impacts Are Anticipated

PNDI records indicate that there are no species or resources of concern located in the vicinity of the project areas. Based on the information you submitted concerning the nature of the project, the immediate location, and our detailed resource information, the PGC has determined that no impact is likely. Therefore, no further coordination with the PGC will be necessary for this (these) project(s) at this time.

This response represents the most up-to-date summary of the PNDI data files and is valid for one (1) year from the date of this letter. An absence of recorded information does not necessarily imply actual conditions on site. Should project plans change or additional information on listed or proposed species become available, this determination may be reconsidered.

Jennifer Yeckel
COPY
FEB 01 2010

This finding applies to impacts to birds and mammals only. To complete your review of state and federally-listed threatened and endangered species and species of special concern, please be sure that the U.S. Fish and Wildlife Service, the PA Department of Conservation and Natural Resources, and/or the PA Fish and Boat Commission have been contacted regarding this project as directed by the online PNDI ER Tool found at www.naturalheritage.state.pa.us.

Sincerely,



James R. Leigey
Wildlife Impact Review Coordinator
Division of Environmental Planning
And Habitat Protection
Bureau of Wildlife Habitat Management
Phone: 717-787-4250, Extension 3128
Fax: 717-787-6957
E-Mail: jleigey@state.pa.us

A PNHP Partner



Pennsylvania Natural Heritage Program

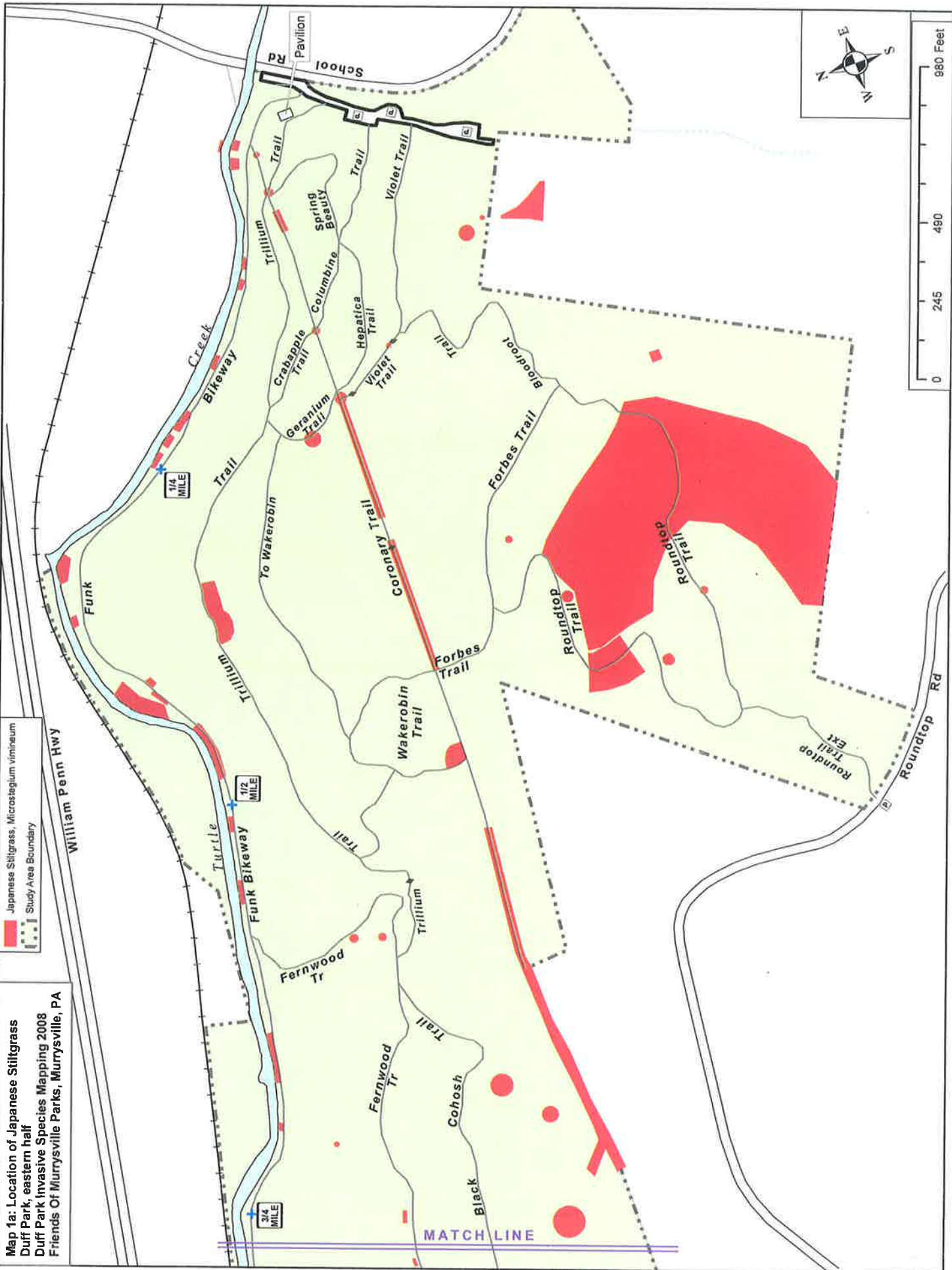
Cc: File



Appendix H—Invasive Species Mapping for Duff Park

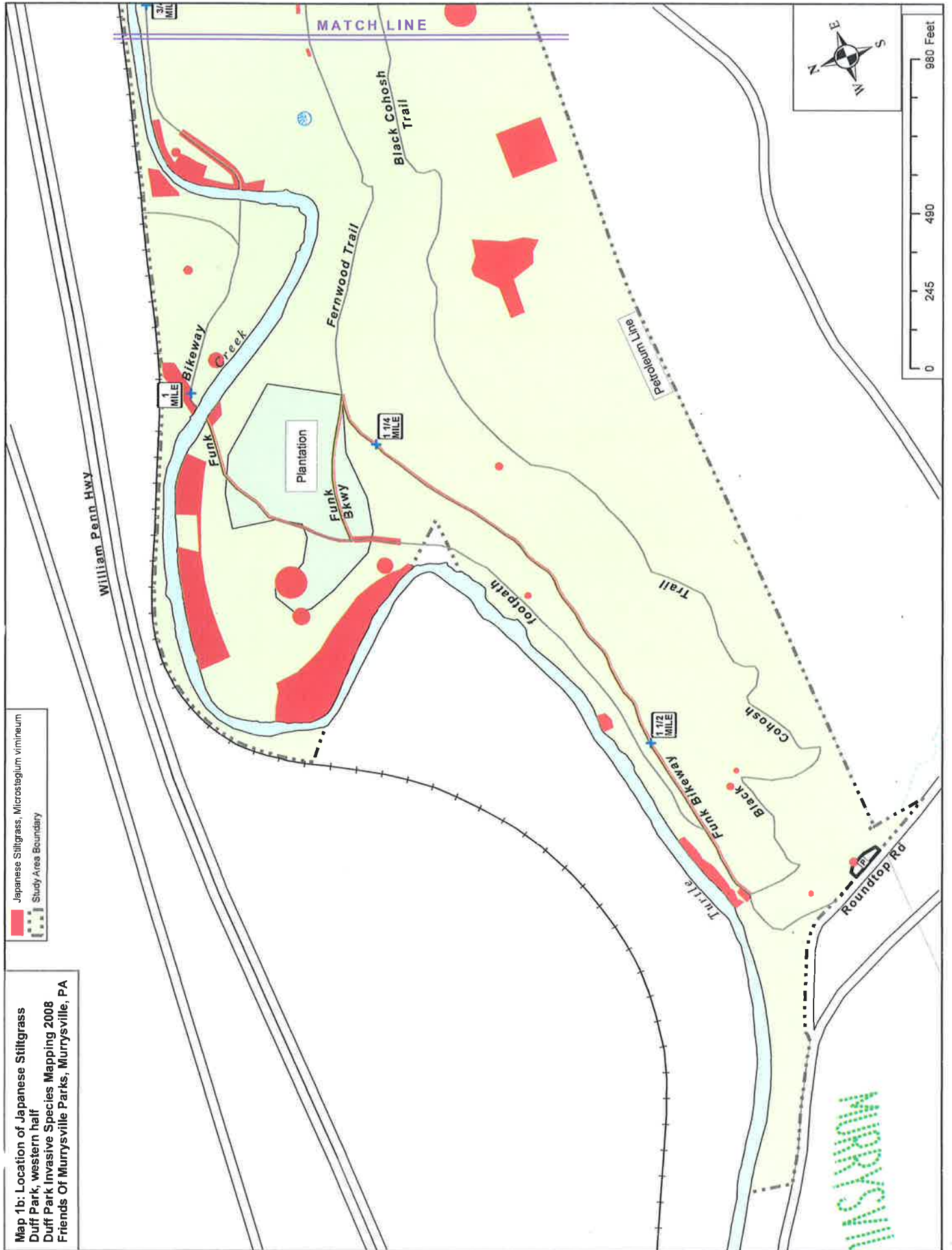
Map 1a: Location of Japanese Stiltgrass
 Duff Park, eastern half
 Duff Park Invasive Species Mapping 2008
 Friends Of Murrysville Parks, Murrysville, PA

 Japanese Stiltgrass, *Microstegium vimineum*
 Study Area Boundary



Map 1b: Location of Japanese Stiltgrass
 Duff Park, western half
 Duff Park Invasive Species Mapping 2008
 Friends Of Murrysville Parks, Murrysville, PA

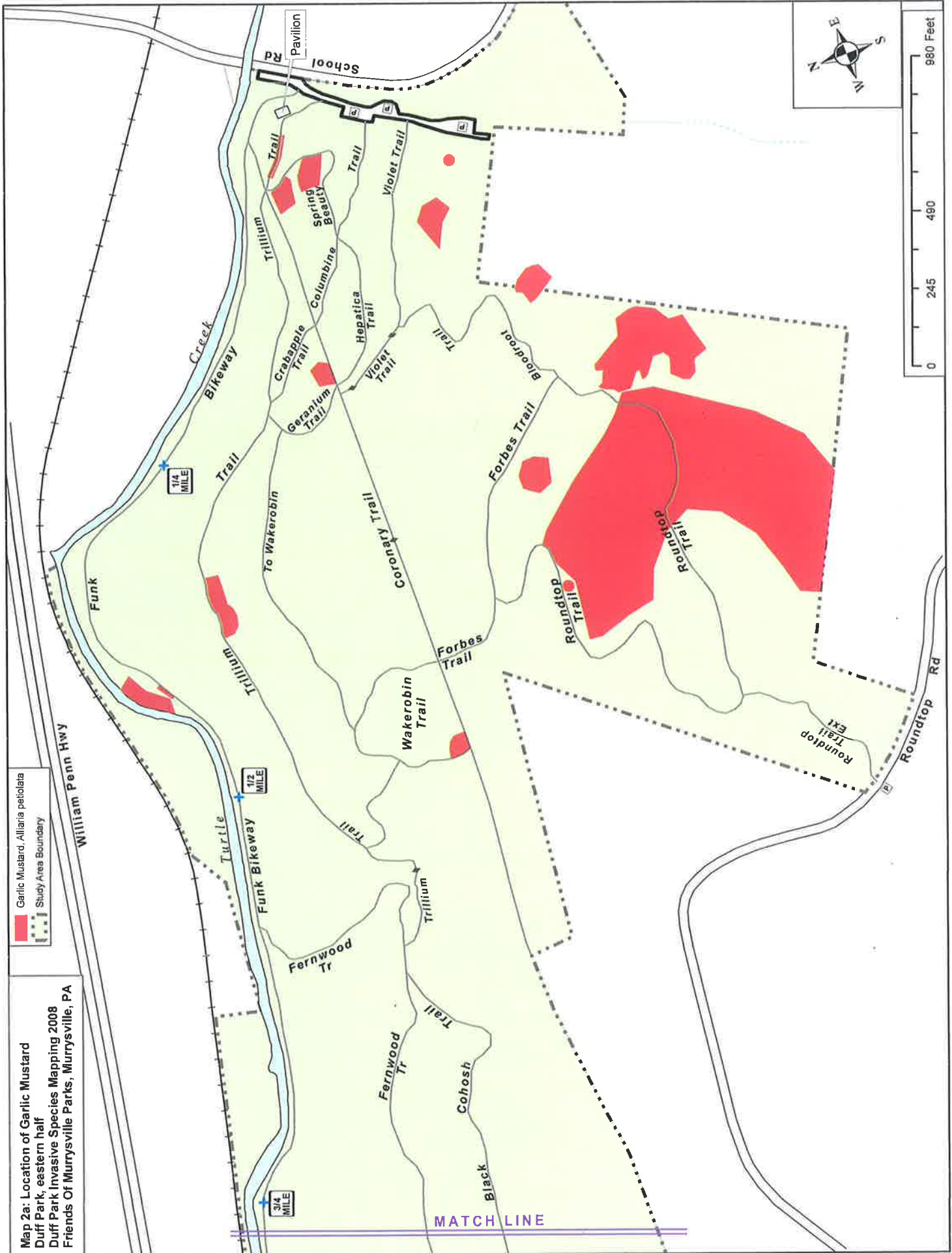
 Japanese Stiltgrass, *Microstegium vimineum*
 Study Area Boundary




MURRYSVILLE

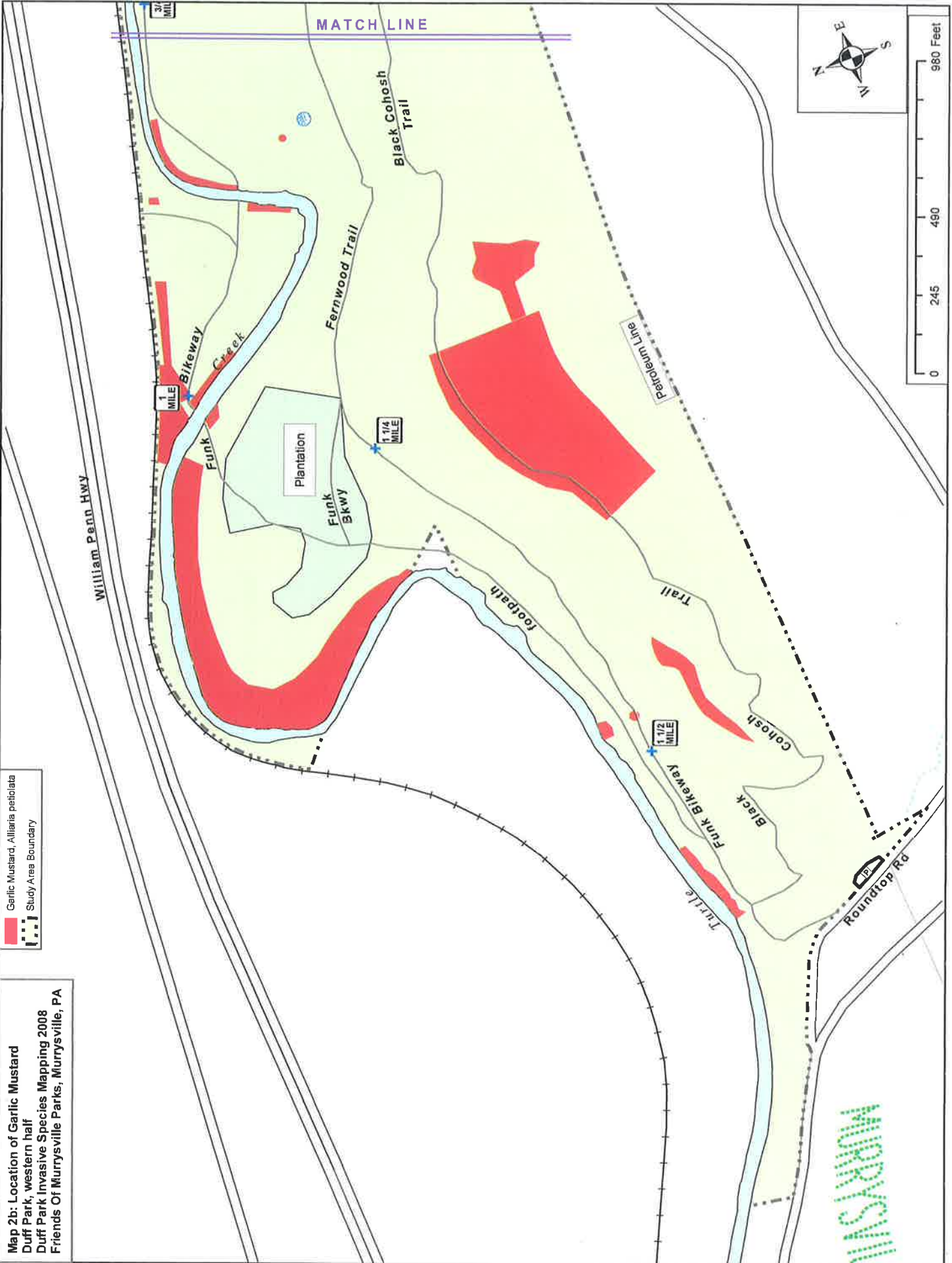
Map 2a: Location of Garlic Mustard
 Duff Park, eastern half
 Duff Park Invasive Species Mapping 2008
 Friends Of Murrysville Parks, Murrysville, PA

Garlic Mustard, *Alliaria petiolata*
 Study Area Boundary



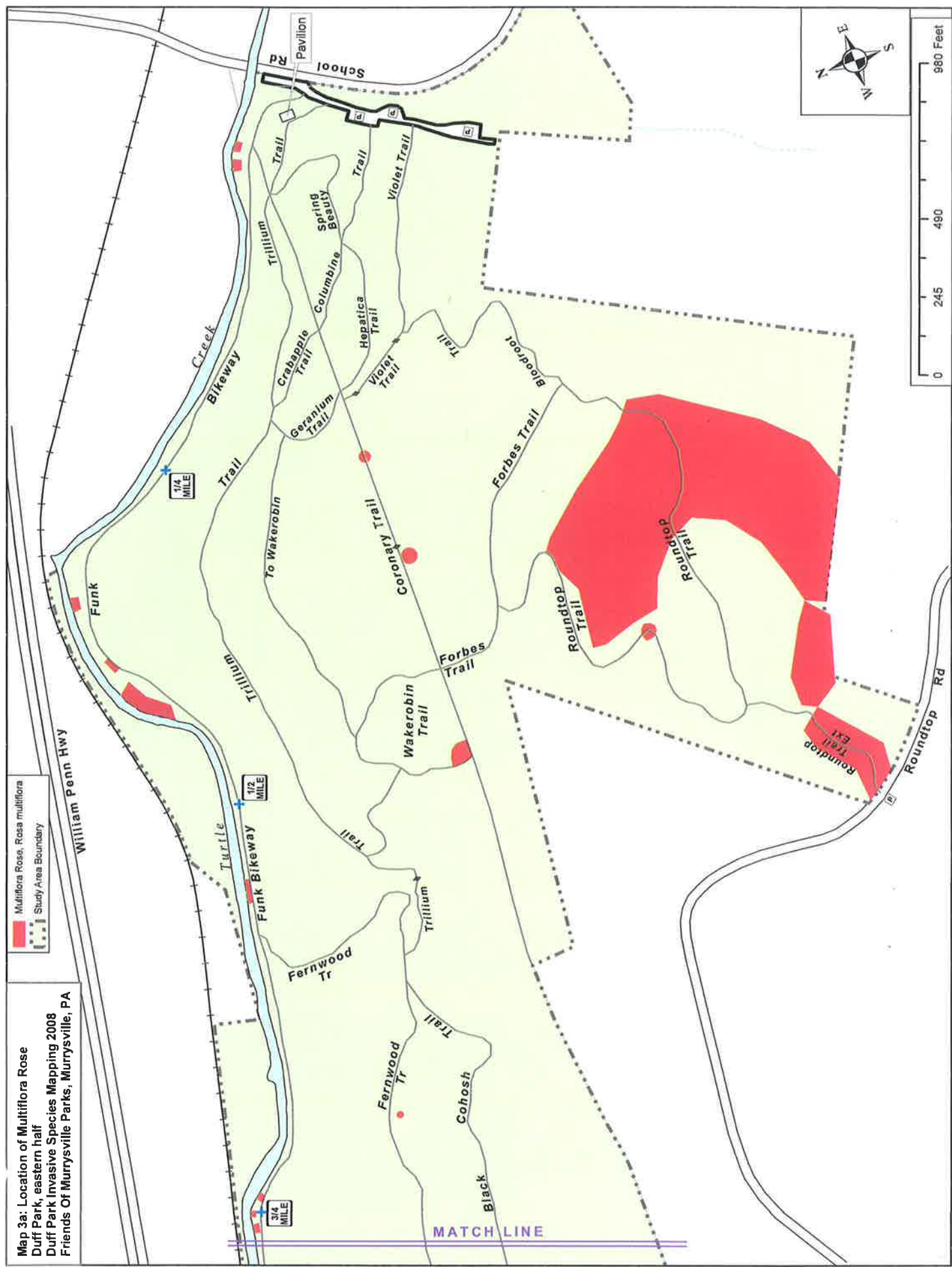
Map 2b: Location of Garlic Mustard
 Duff Park, western half
 Duff Park Invasive Species Mapping 2008
 Friends Of Murrysville Parks, Murrysville, PA

 Garlic Mustard, *Alliaria petiolata*
 Study Area Boundary



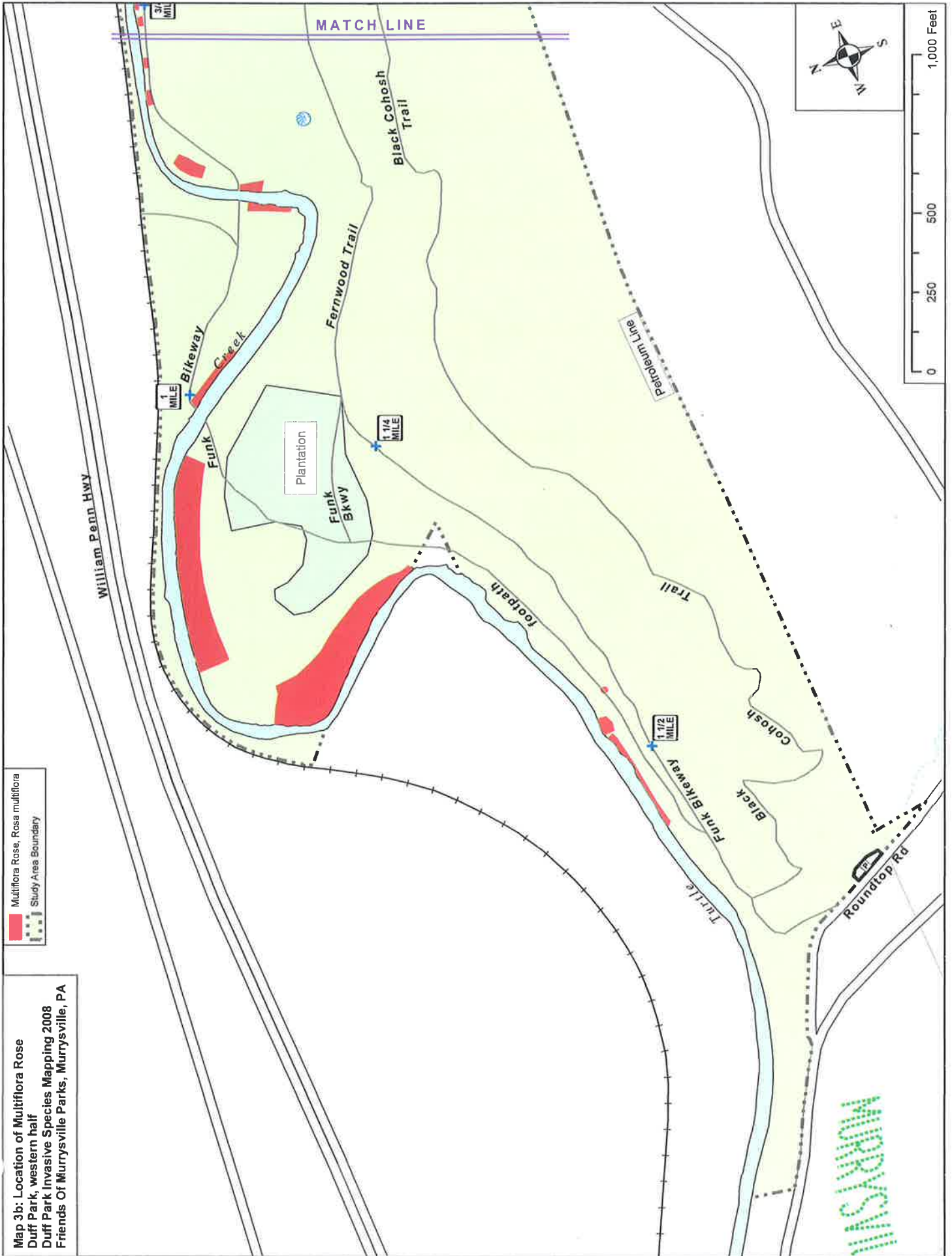
Map 3a: Location of Multiflora Rose
 Duff Park, eastern half
 Duff Park Invasive Species Mapping 2008
 Friends Of Murrysville Parks, Murrysville, PA

 Multiflora Rose, *Rosa multiflora*
 Study Area Boundary





Map 3b: Location of Multiflora Rose
 Duff Park, western half
 Duff Park Invasive Species Mapping 2008
 Friends Of Murrysville Parks, Murrysville, PA

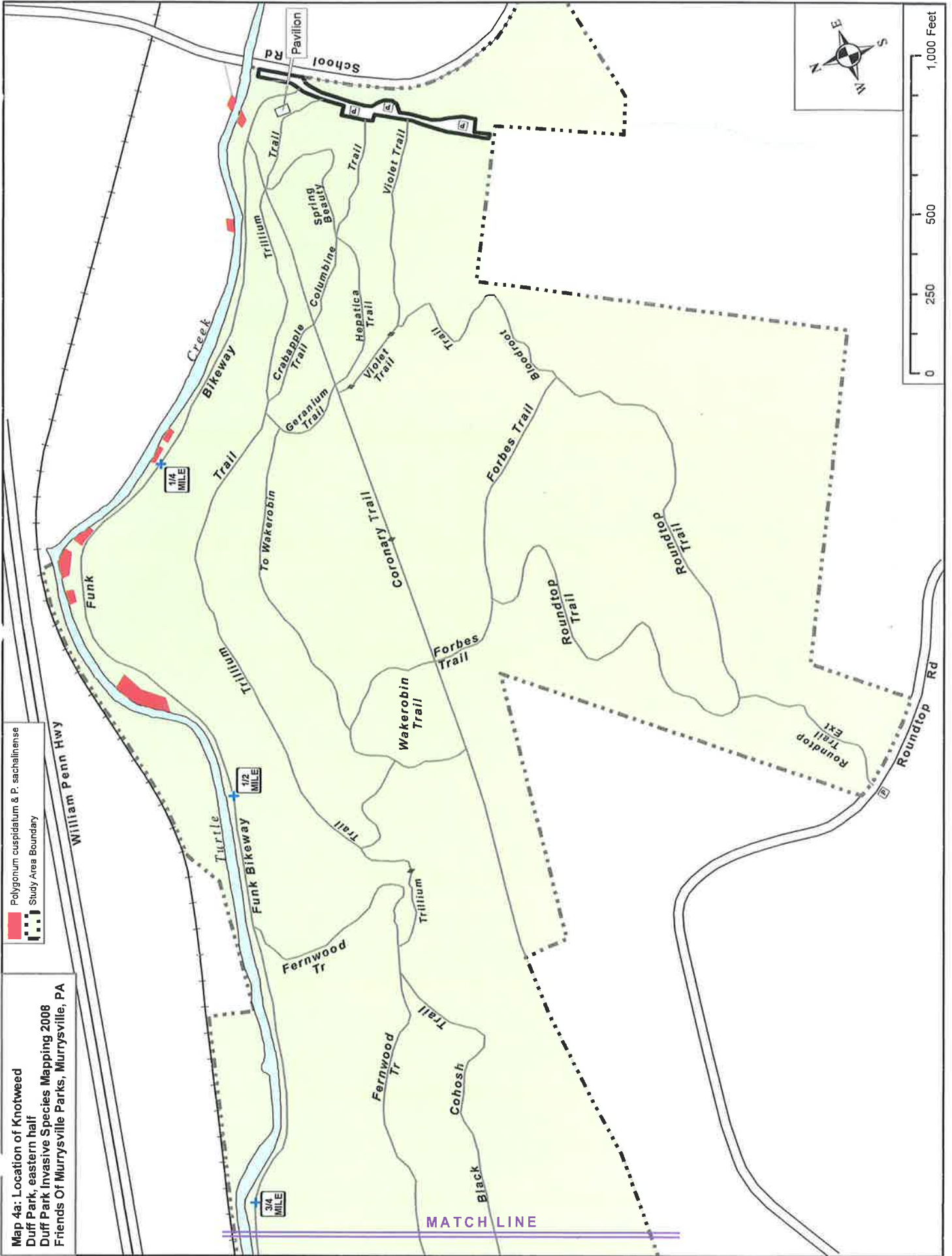
 Multiflora Rose, *Rosa multiflora*
 Study Area Boundary



MURRYSVILLE

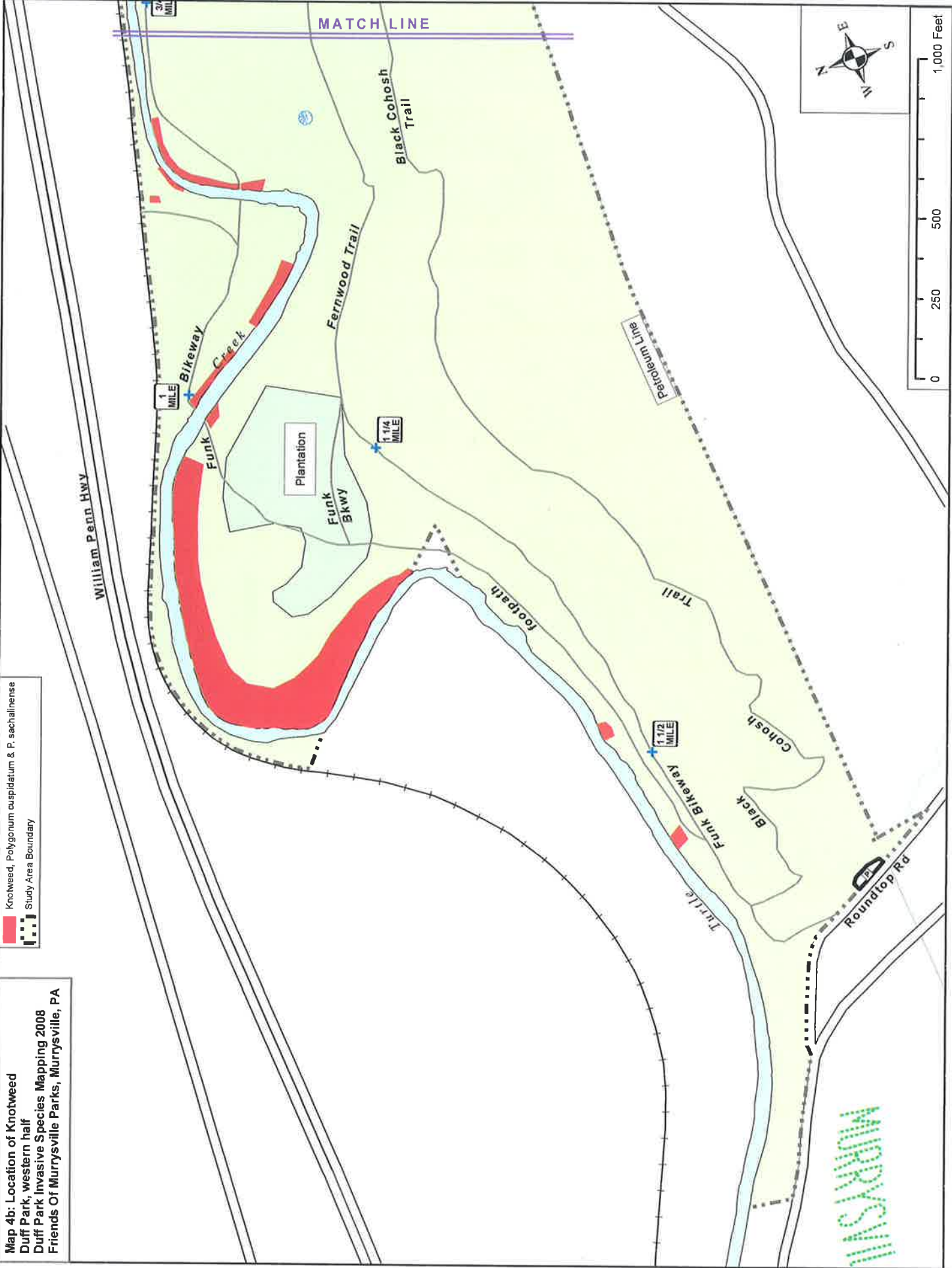
Map 4a: Location of Knotweed
 Duff Park, eastern half
 Duff Park Invasive Species Mapping 2008
 Friends Of Murrysville Parks, Murrysville, PA

 Polygonum cuspidatum & P. sachalinense
 Study Area Boundary



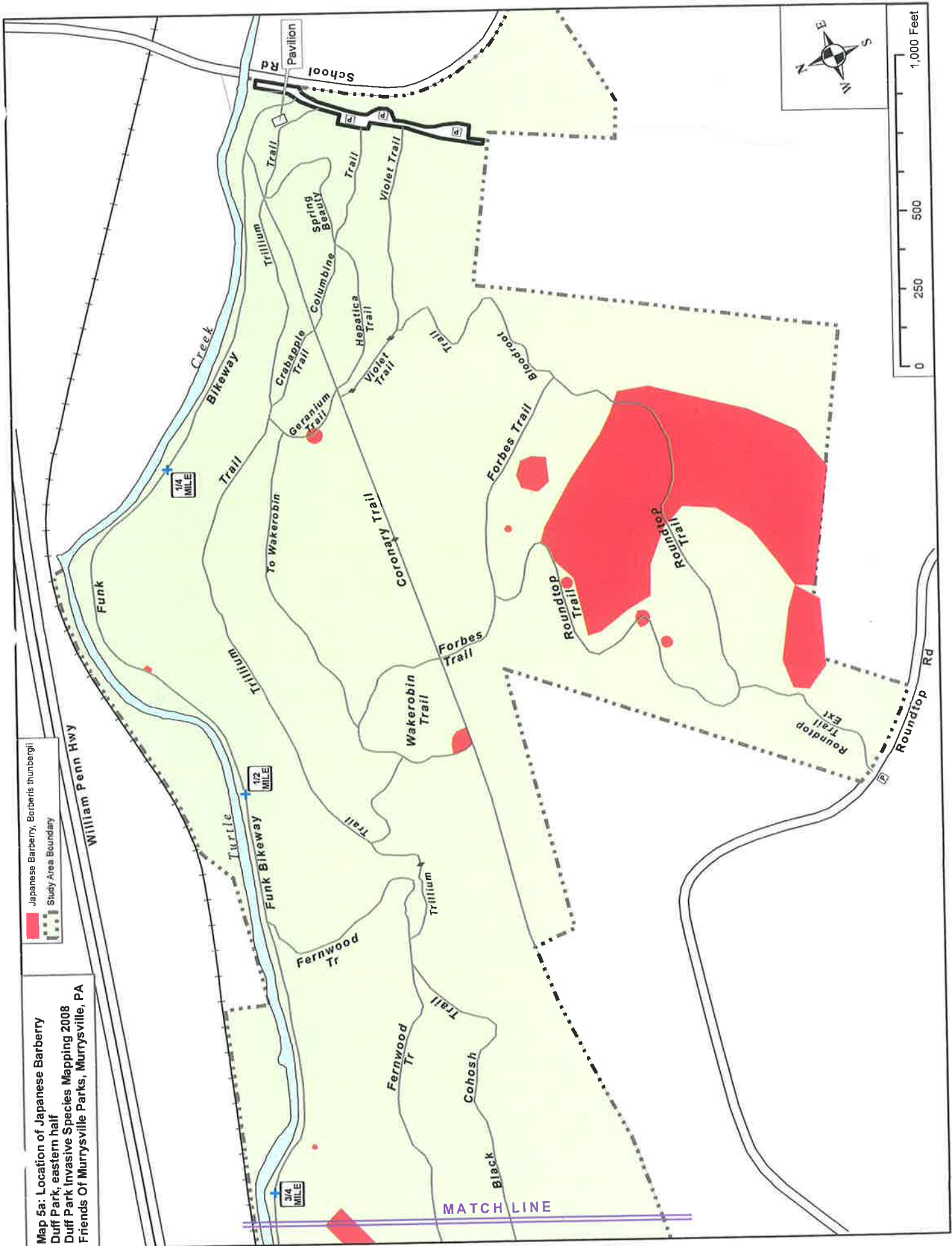
Map 4b: Location of Knotweed
 Duff Park, western half
 Duff Park Invasive Species Mapping 2008
 Friends Of Murrysville Parks, Murrysville, PA

 Knotweed, *Polygonum cuspidatum* & *P. sachalinense*
 Study Area Boundary



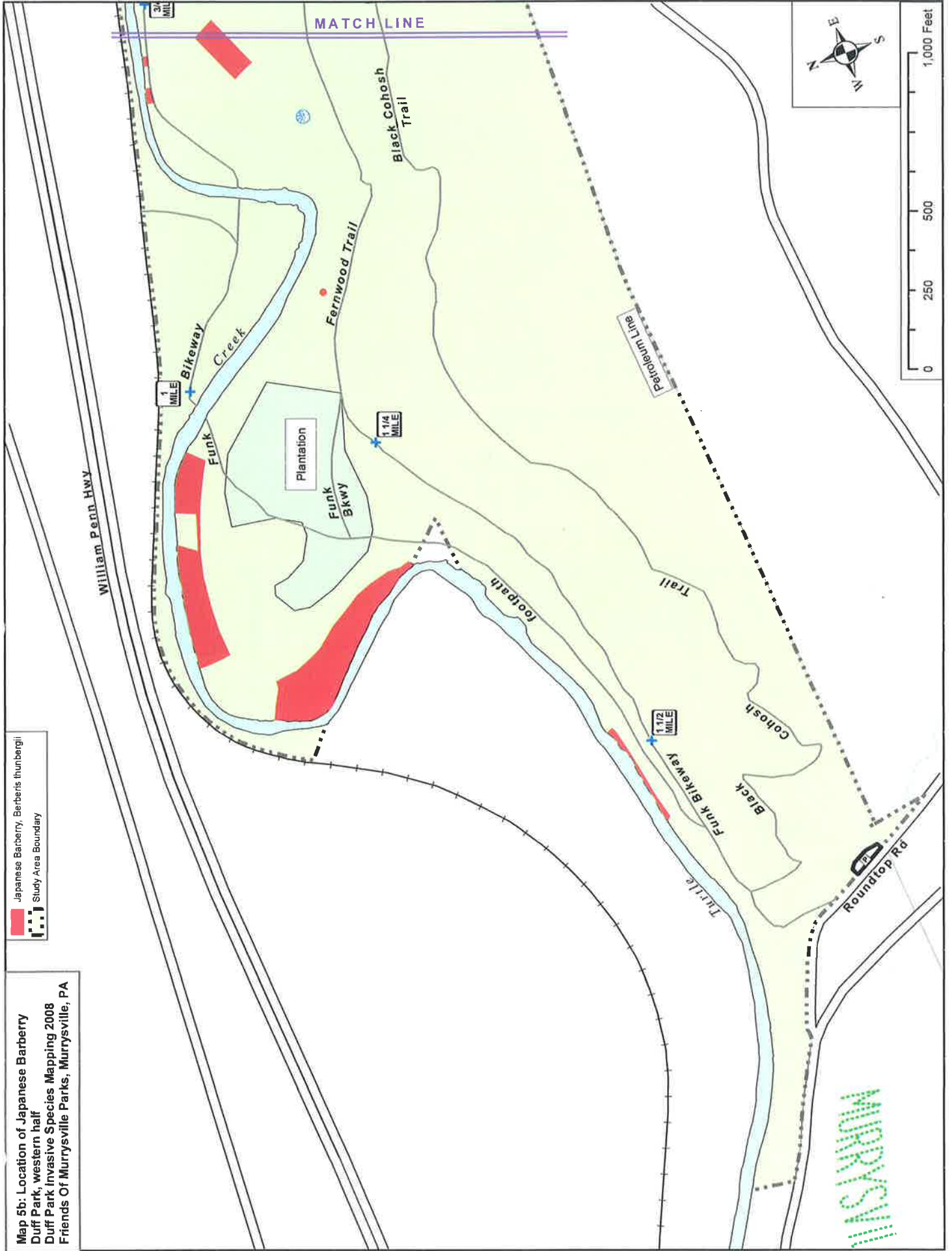
Map 5a: Location of Japanese Barberry
 Duff Park, eastern half
 Duff Park Invasive Species Mapping 2008
 Friends Of Murrysville Parks, Murrysville, PA

Japanese Barberry, *Berberis thunbergii*
 Study Area Boundary



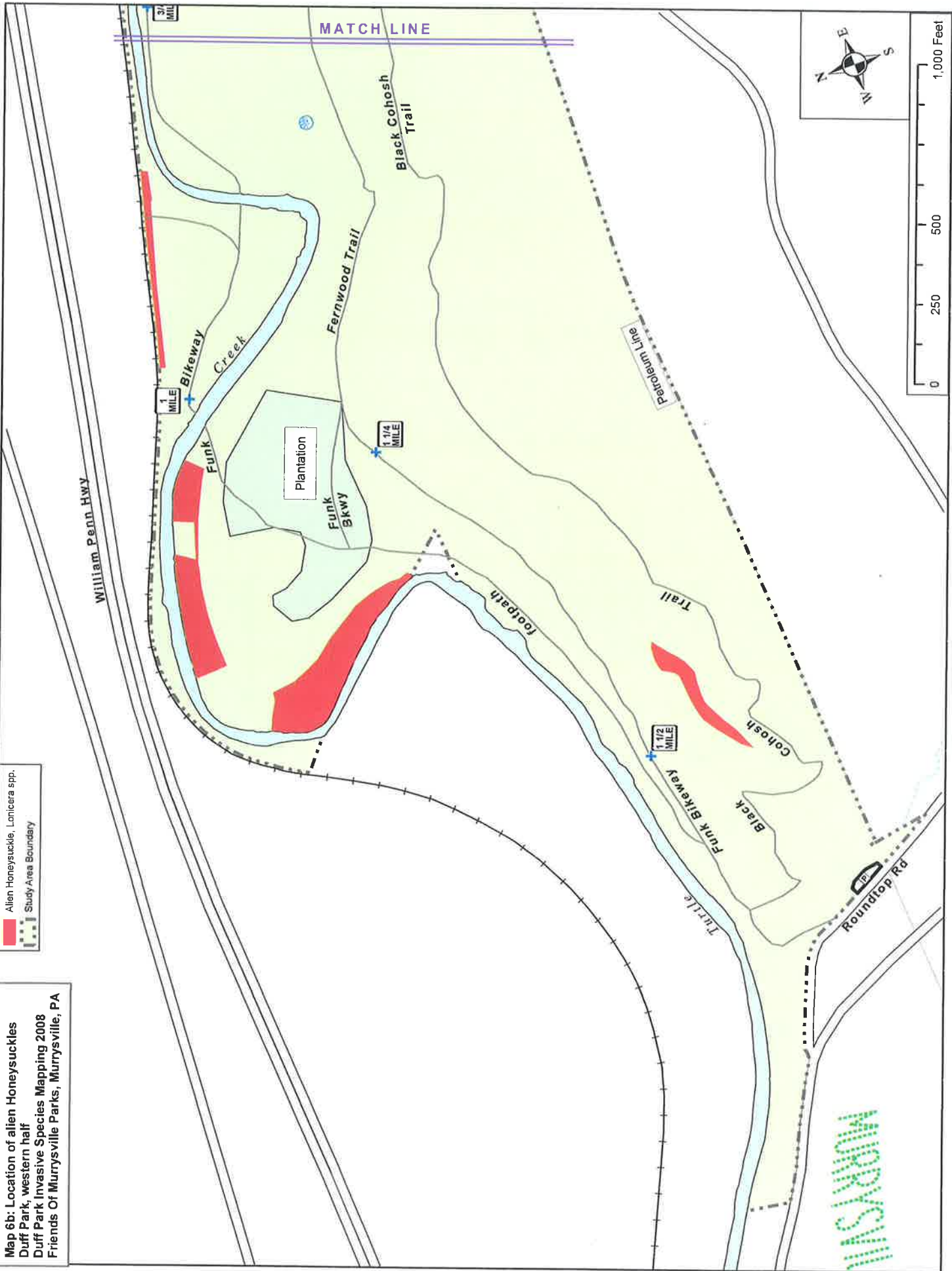
Map 5b: Location of Japanese Barberry
 Duff Park, western half
 Duff Park Invasive Species Mapping 2008
 Friends Of Murrysville Parks, Murrysville, PA

Japanese Barberry, *Berberis thunbergii*
 Study Area Boundary



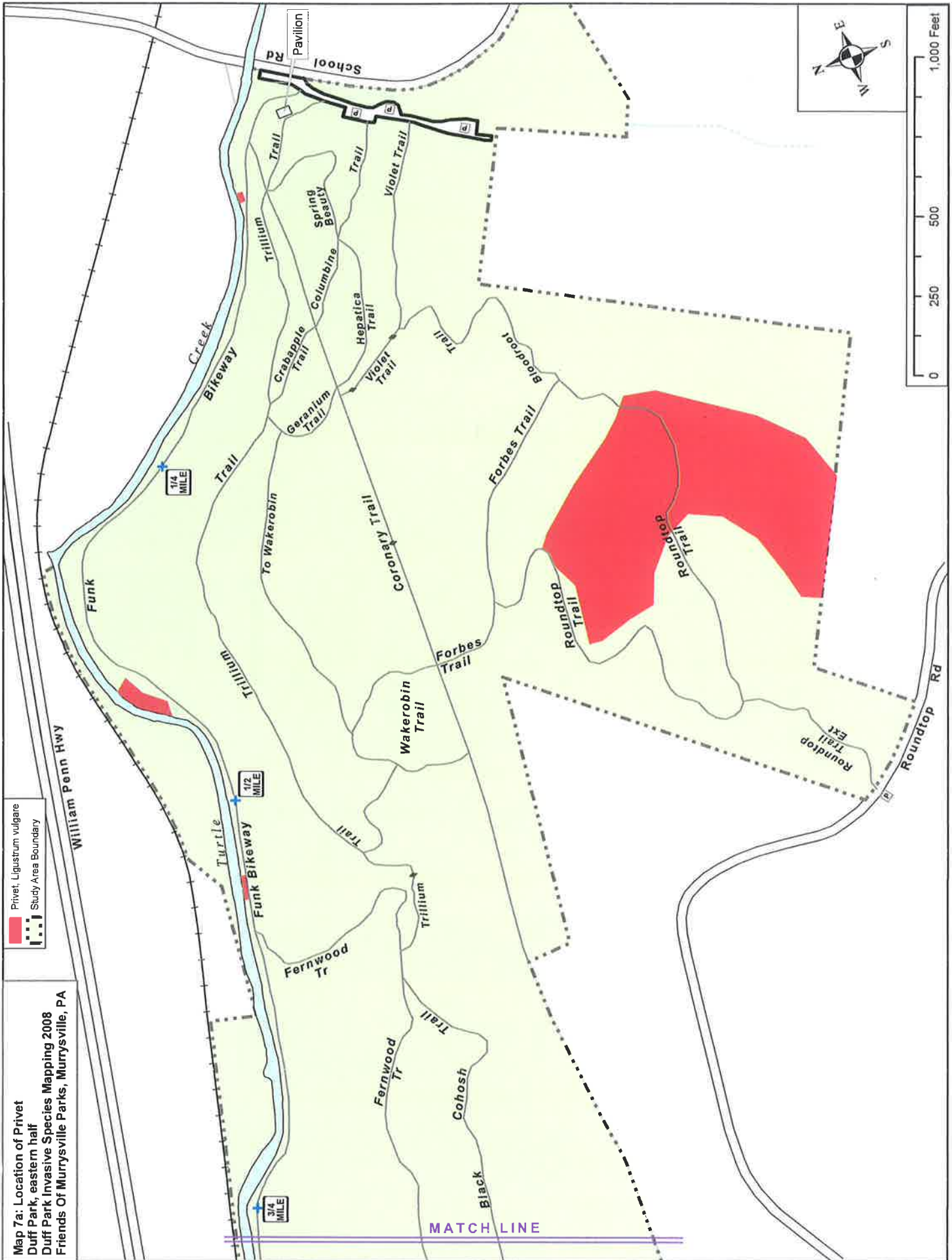
Map 6b: Location of alien Honeysuckles
 Duff Park, western half
 Duff Park Invasive Species Mapping 2008
 Friends Of Murrysville Parks, Murrysville, PA

 Alien Honeysuckle, *Lonicera* spp.
 Study Area Boundary



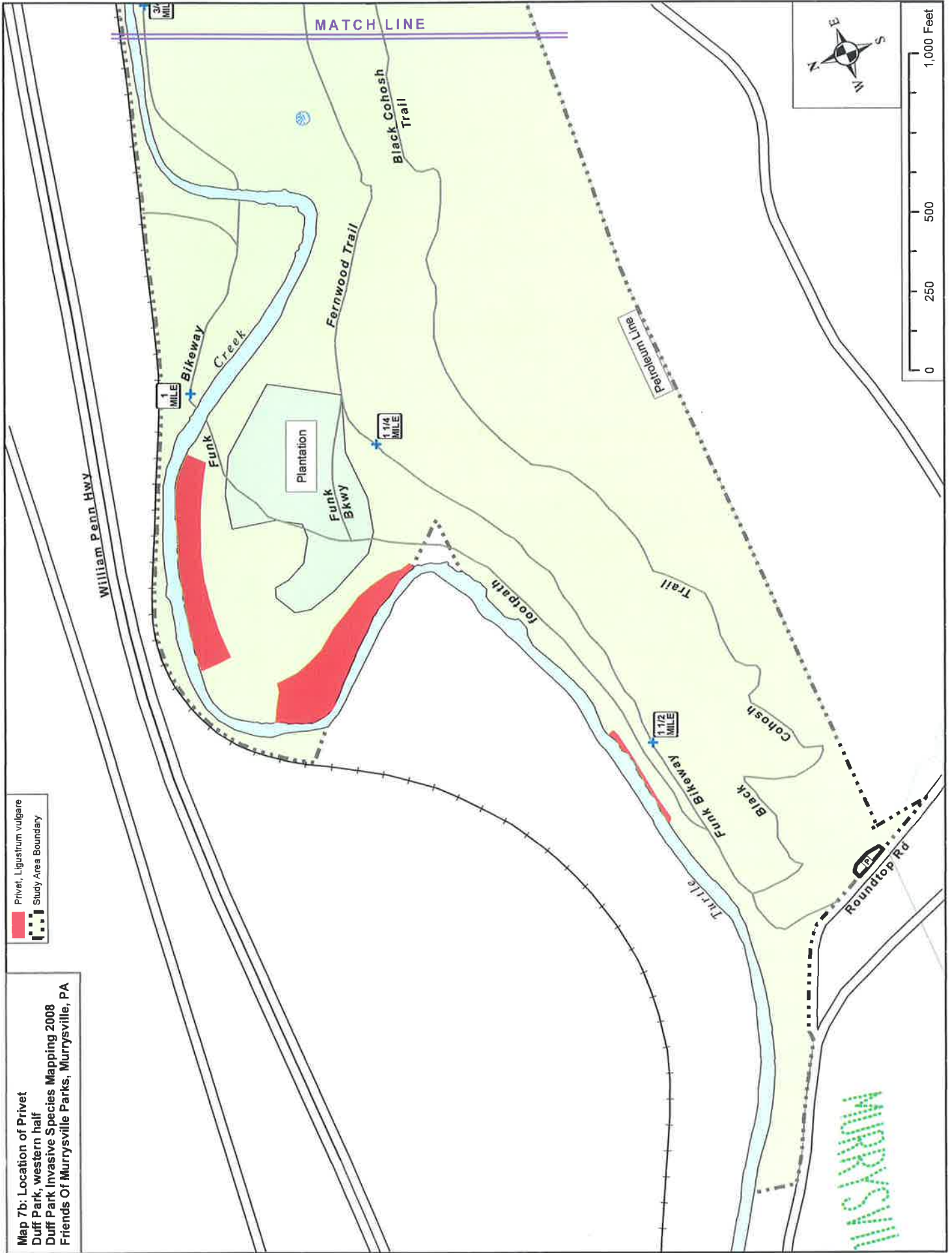
Map 7a: Location of Privet
 Duff Park, eastern half
 Duff Park Invasive Species Mapping 2008
 Friends Of Murrysville Parks, Murrysville, PA

Privet, *Ligustrum vulgare*
 Study Area Boundary




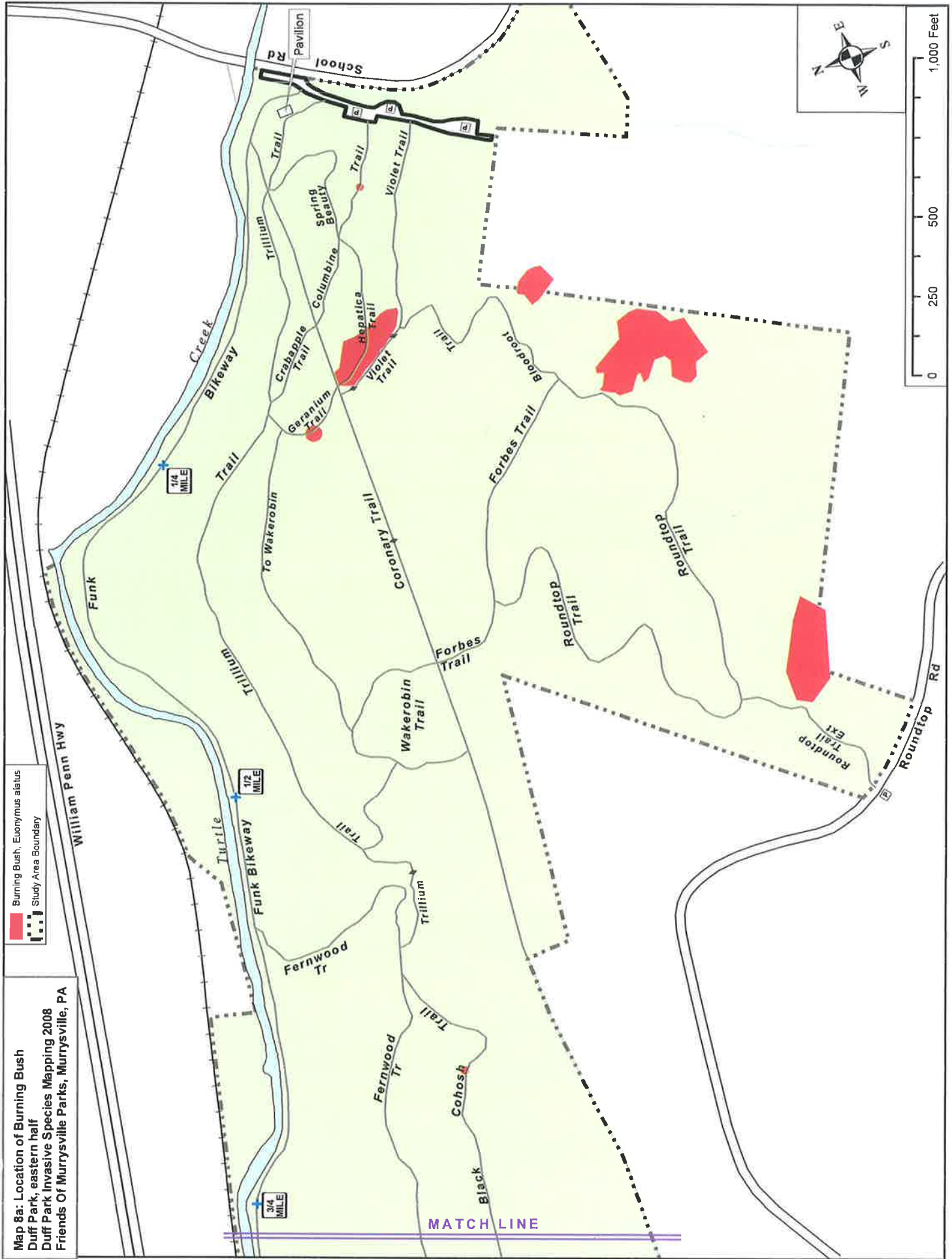
Map 7b: Location of Privet
 Duff Park, western half
 Duff Park Invasive Species Mapping 2008
 Friends Of Murrysville Parks, Murrysville, PA

 Privet, *Ligustrum vulgare*
 Study Area Boundary



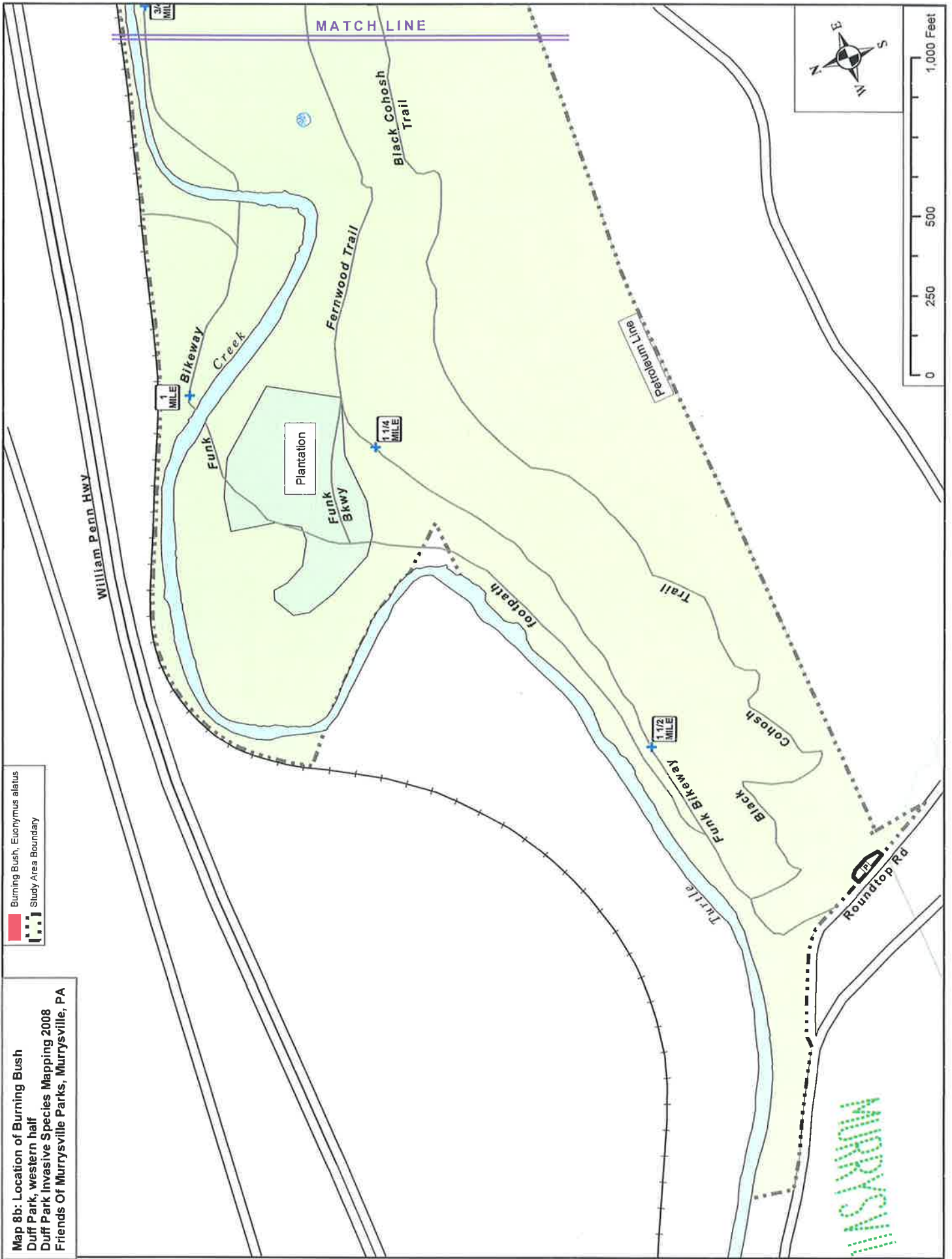
Map 8a: Location of Burning Bush
 Duff Park, eastern half
 Duff Park Invasive Species Mapping 2008
 Friends Of Murrysville Parks, Murrysville, PA

 Burning Bush, *Euonymus alatus*
 Study Area Boundary



Map 8b: Location of Burning Bush
 Duff Park, western half
 Duff Park Invasive Species Mapping 2008
 Friends Of Murrysville Parks, Murrysville, PA

 Burning Bush, *Euonymus alatus*
 Study Area Boundary





Appendix I—Landowner Meeting Summary

Turtle Creek Greenways Plan
Landowners Meeting Summary

Project_ID	MAPBLOCKLO	Owner	Land Use Description	Attend Meeting?	Survey Return?	Develop Plans?	Issues / Activities?	Acquisition Interest?	Willing to Partner?
RAILROAD RIGHT-OF-WAY PARCELS									
RR	36-02-09-00-0093	DURA-BOND PROTECTIVE COATING C	RR ROW	No	Yes	Yes - industrial	flooding, steep, erosion, dumping, fishing	No - will remain active RR; concern with liability	No
RR	749-D-12	NORFOLK SOUTHERN - PGH DIVISION	PURTA Exempt - Active RR	No	No				

TRAFFORD BOROUGH PARCELS									
TB_1	36-03-03-00-0001	CBS	Soccer Fields	No	No				
TB_2	36-01-16-00-0129	TRAFFORD BORO	Public Park	N/A					
TB_3	36-01-16-00-0013	J J A P INC c/o MR. JOHN KINGSTON	Vacant Land	No	No				
TB_4	36-02-09-00-0102	DRAKULIC JOHN JR JANET E	Commercial	No	No				
TB_5	36-02-09-00-0086	J J A P INC	Vacant Land	No	No				

PENN TOWNSHIP PARCELS									
Penn_1	55-02-00-00-0103	HOUSTON STARR COMPANY	Vacant Land	Yes	No	Maybe - residential	Steep	No	Maybe - recreation
Penn_2	55-02-00-00-0009	PENN TWP SEWAGE AUTHORITY	SEWAGE ROW	No	Yes	No	Flooding, steep, erosion	Owned by Houston Starr	Maybe
Penn_3	55-02-00-00-0010	HOUSTON STARR COMPANY	Vacant Land	Yes	No	Maybe	Steep	No	Maybe - recreation
Penn_4	55-02-00-00-0158	SHAFFER GREGORY L	Vacant Land	Yes	No		Steep, Flooding	Maybe - conservation easement	Maybe - conservation

Turtle Creek Greenways Plan
Landowners Meeting Summary

Project_ID	MAPBLOCKLO	Owner	Land Use Description	Attend Meeting?	Survey Return?	Develop Plans?	Issues / Activities?	Acquisition Interest?	Willing to Partner?
Penn_5	55-02-00-00-0174	SHAFFER GREGORY L	Vacant Land	Yes	No		Flooding, Streambank stabilization	Maybe - conservation easement	Maybe - stabilization
Penn_6	55-02-00-00-0167	ALAIA MARC TRACY	Vacant Land	Yes	Yes	No	Steep	Yes - any	Maybe
Penn_7	unknown parcel #	SHAFFER GREGORY L	Vacant Land	Yes	Yes		Flooding, Streambank stabilization	Maybe - conservation easement	Maybe - stabilization
Penn_8	55-02-00-00-0171	REGIONAL TRAIL CORPORATION	Parking Access	Yes	No				Yes
Penn_9	55-02-00-00-0023	DEUTSCH MELVIN & SUSAN	AG - ASA	No	No				
n/a		ROMITO DAVID & JENNA	SFR	Yes	No	No	Flooding, erosion	No	No
n/a		YACAMELLI KERRY	SFR	Yes	No	No	Flooding, erosion	No	No
n/a		HOFFMAN BEN	SFR	Yes	No	No	Flooding, erosion	No	No

MONROEVILLE PARCELS

Mon_1	861-H-185	HOUSTON STARR COMPANY	Residential / Vacant Land	Yes	No	Maybe - potential	Steep, possible Marcellus Shale	No	Maybe - recreation
Mon_2	981-N-78	HOUSTON STARR COMPANY	Vacant Land	Yes	No	Maybe	Steep, Flooding	No	Maybe - recreation
Mon_3	981-P-40	HOUSTON STARR COMPANY	Vacant Land	Yes	No	Maybe	Steep, Flooding	No	Maybe - recreation
Mon_4	981-K-159	MONROEVILLE	Vacant Land	N/A					
Mon_5	981-G-34	HOUSTON STARR COMPANY	Vacant Land	Yes	No	Maybe	Steep	No	Maybe - recreation
Mon_6	981-D-283	JOVANOVICH MARY	SFR	No	No		Steep, Trail Access to Creek		

Turtle Creek Greenways Plan
Landowners Meeting Summary

Project_ID	MAPBLOCKLO	Owner	Land Use Description	Attend Meeting?	Survey Return?	Develop Plans?	Issues / Activities?	Acquisition Interest?	Willing to Partner?
Mon_7	980-S-282	CHOUGH LAWRENCE & LINDA	SFR	Yes	No	No	Steep	Maybe	Maybe
Mon_8	980-M-281	MARINO RICHARD & JUSTINA	SFR	No	No				
Mon_9	1109-J-266	URICK MICHAEL & DOROTHY	SFR	Yes	Yes	No	None	Conservation Easement	Maybe
Mon_10	1109-E-291	SCHEUERMANN PAUL	Vacant Land	No	No				
Mon_11	1109-E-36	SCHEUERMANN PAUL & DOROTHY	Vacant Land - Builders Lot	No	No				
Mon_12	1109-E-24	LIEB MARTIN & ALICE	SFR	No	Yes	No	Steep, Erosion, Access via Saunders St	Conservation Easement	Yes - recreation and conservation
Mon_13	1109-E-22	GRIFFITH WILLIAM & KAREN	SFR	Yes	No				
Mon_14	980-D-223	MONROEVILLE	Public	N/A					
	1109-F-73	MONROEVILLE	Public	N/A					
	1109-K-355	MONROEVILLE	Public	N/A					
	1109-G-353	MONROEVILLE	Public	N/A					
	1109-G-329	MONROEVILLE	Public	N/A					
	1109-L-380	MONROEVILLE	Public	N/A					
Mon_15	1109-G-347	MONROEVILLE	Public	N/A					
Mon_16	856-H-396	PA TURNPIKE COMMISSION	ROW	Yes	No	Maybe - expand ROW	None	Maybe - easement for trail	Yes - recreation
Mon_17	1109-F-385	MONROEVILLE	Public	N/A			Natural dock for kayaks		
Mon_18	1109-B-379	MONROEVILLE	Public	N/A					
	1108-P-47	MONROEVILLE	Public	N/A					
Mon_19	1109-D-132	MARSCHIK, HERMAN & MARY	Vacant Commercial Land	No	No				
Mon_20	1245-J-317	MONROEVILLE	Public	N/A			School District Property?		
	1108-H-334	MONROEVILLE	Public Park	N/A					

Turtle Creek Greenways Plan
Landowners Meeting Summary

Project_ID	MAPBLOCKLO	Owner	Land Use Description	Attend Meeting?	Survey Return?	Develop Plans?	Issues / Activities?	Acquisition Interest?	Willing to Partner?
Mon_21	1245-J-248	MARSCHIK, HERMAN & MARY Assessed in Westmoreland County - Rose/Farmer	AG/Vacant Land	Yes	No	No	Steep, wet, gas leases, access to creek from storage units	Yes - to go to Murrysville at death?	Yes - Recreation and conservation
Mon_22	1245-E-314	KRUT WILLIAM E & CYNTHIA	SFR	Yes	Yes	Maybe - Residential for kids	Flooding, steep, dumping	No - but want to keep natural	Maybe
Mon_23	1245-B-1	EARL JR & KATHLEEN HABERSTROH	SFR	No	No				
Mon_24	1244-P-1	EARL JR & KATHLEEN HABERSTROH	Vacant Land	No	No				
Mon_25	1244-L-82	RJD ENTERPRISES	Mini-Warehouse	No	No				
Mon_26	980-K-144	MONROEVILLE	Public	N/A					

MURRYVILLE PARCELS

Murry_1	49-13-00-00-0006	BOEHM GEORGE F CHERYL J	AG	Yes	Yes	Maybe	Flooding, Steep, ATV recreation		Maybe
Murry_2	49-13-15-00-0048	CHUNKO THOMAS F ROBERTA AM	SFR	No	No				
Murry_3	49-13-00-00-0092	FRANKLIN TWP MUN SANITARY AUTH	Utility	No	No				
Murry_4	49-13-00-00-0009	FRANKLIN TWP MUN SANITARY AUTH	Utility	No	No				
Murry_5	49-13-00-00-0011	FRANKLIN TWP MUN SANITARY AUTH	Utility	No	No				
Murry_6	49-13-00-00-0060	BYERS WILLIAM A & CAROL	SFR	Yes	Yes	No	Steep slopes	Donation or Conservation Easement	Yes - Recreation and conservation
Murry_7	49-13-00-00-0060	DEAN DANIEL R MARCIA	SFR	No	No				
Murry_8	49-13-00-00-0015	BRANDT MICHAEL K+TYLER DOROTHY	SFR	Yes	No				

Turtle Creek Greenways Plan
Landowners Meeting Summary

Project_ID	MAPBLOCKLO	Owner	Land Use Description	Attend Meeting?	Survey Return?	Develop Plans?	Issues / Activities?	Acquisition Interest?	Willing to Partner?
Murry_9	49-13-00-00-0073	FISCUS PETER E RUTH E	SFR	Yes	Yes	No	Steep, dumping	Not sure	Maybe - conservation
Murry_10	49-13-00-00-0016	ANGELO DAVID L & MICHELE C	SFR	No	No				
Murry_11	49-13-00-00-0074	HILL ERNEST F JR & BARBARA A	SFR	No	No				
Murry_12	49-13-00-00-0017	SCARCELLI ROSS	SFR	No	No				
Murry_13	49-13-00-00-0018	MCDONOUGH ELIZABETH R ETAL	SFR	No	No				
Murry_14	49-13-00-00-0019	MCINTYRE CLARENCE R JR & JEANN	SFR	No	No				
Murry_15	49-13-00-00-0020	GEBROSKY ROBERT J & MARGARET E		No	No				
Murry_16	49-13-00-00-0078	HILL FRANK K & MAY M		No	No				
Murry_17	49-13-00-00-0041	WEST MARY JANE ETAL	AG	No	No				
Murry_18	49-13-00-00-0043	FARMER EVELYN c/o BONNIE MILLER	AG/Vacant Land	Yes	No	No	Steep, wet, gas leases,	Yes - to go to Murrys ville at death	Yes - Recreation and conservation
Murry_19	49-13-00-00-0044	LUTZ ROBERT J	SFR	Yes	Yes	No	Steep, erosion, wetlands	Sale	Maybe
Murry_20	49-13-00-00-0045	LUTZ ROBERT J	SFR	Yes	Yes	No	Steep, erosion, wetlands	Sale	Maybe
Murry_21	49-13-00-00-0046	DUQUETTE MARY c/o BARBARA GEBAUER	SFR	No	No		wetlands		
Murry_22	49-13-00-00-0047	VITEK JAMES A DANITA K	SFR	No	Yes	Yes - Residential	No	No	No
Murry_23	49-13-00-00-0049	MINE SAFETY APPLIANCES CO	COMMERCIAL	No	No				
Murry_24	49-14-00-00-0068	DYMA-CRAFT INDUSTRIES INC	AG	No	No		Steep, flooding	<i>May acquire via Van de Venne Property</i>	
Murry_25	49-14-00-00-0138	WEST PENN POWER CO	Utility	No	No				

Turtle Creek Greenways Plan
Landowners Meeting Summary

Project_ID	MAPBLOCKLO	Owner	Land Use Description	Attend Meeting?	Survey Return?	Develop Plans?	Issues / Activities?	Acquisition Interest?	Willing to Partner?
Murry_26	49-14-00-00-0069	DELMAR LEASING CORPORATION	Commercial - part vacant	No	No		Steep, flooding		
	49-14-00-00-0135	MUNICIPALITY OF MURRYSVILLE	Public Park	N/A					
	49-14-05-00-0101	MUNICIPALITY OF MURRYSVILLE	Public	N/A					
	49-14-00-00-0071	MUNICIPALITY OF MURRYSVILLE	Public Park	N/A					
Murry_27	49-14-00-00-0072								
Murry_28	49-14-00-00-0067	VAN DE VENNE THEO PIA	AG	Yes	No	No	Steep	Donation	Yes - Recreation and conservation
Murry_29	49-14-00-00-0070	Yerick, Cynthia J c/o Cynthia Lorenz	Vacant Land	No	No			<i>May acquire via Van de Venne Property</i>	
Murry_30	49-14-00-00-0100	Matcuk, Robert C & Suzanne	Vacant Land	No	No				
Murry_31	49-14-00-0-00-0026	Manno, John C Jr & Diana A	Vacant Land	No	No			<i>May acquire via Van de Venne Property</i>	
Murry_32	49-14-00-00-0133	Whitehead, Daniel L & Lenore R	Vacant Land	No	No			<i>May acquire via Van de Venne Property</i>	
Murry_33	49-06-044-00000	MURRYSVILLE	Public Park	N/A					



Appendix J—Landowner Surveys



Turtle Creek Greenways Plan

A conservation & recreation project for the Municipalities of Monroeville, Murrysville, Penn Township, and Trafford Borough

Owner Name: DURA-Bond Industries, Inc.

Parcel #(s): Turtle Creek Railroad

Do you have any plans to develop your property (or portion thereof) in question?

Yes No Maybe, not sure

If so, for what type of use?

Residential Commercial Industrial Other ()

Are you aware of any of the following on your property?

Flooding (please explain Flooding is getting worse.)

Steep terrain (undevelopable) (please describe OBVIOUS IN VARIOUS PARTS)

Erosion / washout area (please describe ALWAYS)

Garbage / hazardous waste (please describe _____)

Recreation opportunity (please specify They Fish)

_____ Site of cultural / historical significance (please specify _____)

_____ Access to Turtle Creek from a public road / right-of-way (where? _____)

_____ Other (please specify _____)

Are you interested in pursuing any of the following regarding your property?

No Donation (entire parcel or a portion thereof)

No Conservation Easement (i.e. remain permanent open space, woodlands, etc.)

No Lease (entire parcel or a portion thereof) – NOTE: there is no funding for this option

No Sale (entire parcel or a portion thereof) – NOTE: there is no funding for this option

_____ Other (please specify _____)



Turtle Creek Greenways Plan

A conservation & recreation project for the Municipalities of Monroeville, Murrysville, Penn Township, and Trafford Borough

If you do not wish to pursue a legal agreement regarding your property, would you be willing to partner with an organization, such as the Regional Trail Corporation or the Turtle Creek Watershed Association regarding recreation and/or conservation efforts along the Turtle Creek Corridor?

_____ Yes, for recreation activities only _____ Yes, for conservation activities only

_____ Yes, for recreation and conservation _____ Maybe, need more information

X No

Do you support the concept of a public greenway being developed for the Turtle Creek Corridor?

_____ Yes X No _____ Maybe, not sure

Do you have any concerns regarding the development of a public greenway being developed for the Turtle Creek Corridor?

Yes. We operate the railroad and safety is a concern for our operations. We have had one fatality and other incidents

What is the best way to contact you regarding project updates, etc.?

Email: Wmorris @ DURA-Bond. Com.

Phone #: 724-327-0280 EXT 102

Mailing Address: P.O. Box 518
Export, PA 15632

We have decided to repair the railroad and continue to operate it. We feel it is vital to our business.

Wayne Morris.



Turtle Creek Greenways Plan

A conservation & recreation project for the Municipalities of Monroeville, Murrysville, Penn Township, and Trafford Borough

Owner Name: Art Byers

Parcel #(s): 49-13-00-00-0060

Do you have any plans to develop your property (or portion thereof) in question?

Yes No Maybe, not sure

If so, for what type of use?

Residential Commercial Industrial Other ()

Are you aware of any of the following on your property?

Flooding (please explain _____)

Steep terrain (undevelopable) (please describe _____)

Erosion / washout area (please describe _____)

Garbage / hazardous waste (please describe _____)

Recreation opportunity (please specify _____)

Site of cultural / historical significance (please specify _____)

Access to Turtle Creek from a public road / right-of-way (where? _____)

Other (please specify _____)

Are you interested in pursuing any of the following regarding your property?

Donation (entire parcel or a portion thereof)

Conservation Easement (i.e. remain permanent open space, woodlands, etc.)

Lease (entire parcel or a portion thereof) – NOTE: there is no funding for this option

Sale (entire parcel or a portion thereof) – NOTE: there is no funding for this option

Other (please specify _____)



Turtle Creek Greenways Plan

A conservation & recreation project for the Municipalities of Monroeville, Murrysville, Penn Township, and Trafford Borough

If you do not wish to pursue a legal agreement regarding your property, would you be willing to partner with an organization, such as the Regional Trail Corporation or the Turtle Creek Watershed Association regarding recreation and/or conservation efforts along the Turtle Creek Corridor?

Yes, for recreation activities only Yes, for conservation activities only
 Yes, for recreation and conservation Maybe, need more information
 No

Do you support the concept of a public greenway being developed for the Turtle Creek Corridor?

Yes No Maybe, not sure

Do you have any concerns regarding the development of a public greenway being developed for the Turtle Creek Corridor?

What is the best way to contact you regarding project updates, etc.?

Email: wabyers@comcast.net

Phone #: _____

Mailing Address: _____



Turtle Creek Greenways Plan

A conservation & recreation project for the Municipalities of Monroeville, Murrysville, Penn Township, and Trafford Borough

Owner Name: Cary B. Byers

Parcel #(s): _____

Do you have any plans to develop your property (or portion thereof) in question?

Yes No Maybe, not sure

If so, for what type of use?

Residential Commercial Industrial Other (____)

Are you aware of any of the following on your property?

NO Flooding (please explain _____)

YES Steep terrain (undevelopable) (please describe _____)

NO Erosion / washout area (please describe _____)

NO Garbage / hazardous waste (please describe _____)

NO Recreation opportunity (please specify _____)

NO Site of cultural / historical significance (please specify _____)

NO Access to Turtle Creek from a public road / right-of-way (where? _____)

_____ Other (please specify _____)

Are you interested in pursuing any of the following regarding your property?

Donation (entire parcel or a portion thereof)

_____ Conservation Easement (i.e. remain permanent open space, woodlands, etc.)

_____ Lease (entire parcel or a portion thereof) – *NOTE: there is no funding for this option*

_____ Sale (entire parcel or a portion thereof) – *NOTE: there is no funding for this option*

_____ Other (please specify _____)



Turtle Creek Greenways Plan

A conservation & recreation project for the Municipalities of Monroeville, Murrysville, Penn Township, and Trafford Borough

If you do not wish to pursue a legal agreement regarding your property, would you be willing to partner with an organization, such as the Regional Trail Corporation or the Turtle Creek Watershed Association regarding recreation and/or conservation efforts along the Turtle Creek Corridor?

_____ Yes, for recreation activities only _____ Yes, for conservation activities only
_____ Yes, for recreation and conservation _____ Maybe, need more information
_____ No

Do you support the concept of a public greenway being developed for the Turtle Creek Corridor?

_____ Yes _____ No _____ Maybe, not sure

Do you have any concerns regarding the development of a public greenway being developed for the Turtle Creek Corridor?

What is the best way to contact you regarding project updates, etc.?

Email: _____

Phone #: _____

Mailing Address: _____



Turtle Creek Greenways Plan

A conservation & recreation project for the Municipalities of Monroeville, Murrysville, Penn Township, and Trafford Borough

Owner Name:

George F. Behr

Parcel #(s):

49-13-00-00-0006

Do you have any plans to develop your property (or portion thereof) in question?

Yes

No

Maybe, not sure

If so, for what type of use?

Residential

Commercial

Industrial

Other

Are you aware of any of the following on your property?

Flooding (please explain _____)

Steep terrain (undevelopable) (please describe _____)

Erosion / washout area (please describe _____)

Garbage / hazardous waste (please describe _____)

Recreation opportunity (please specify ATV)

Site of cultural / historical significance (please specify _____)

Access to Turtle Creek from a public road / right-of-way (where? _____)

Other (please specify _____)

Are you interested in pursuing any of the following regarding your property?

Donation (entire parcel or a portion thereof)

Conservation Easement (i.e. remain permanent open space, woodlands, etc.)

Lease (entire parcel or a portion thereof) – NOTE: there is no funding for this option

Sale (entire parcel or a portion thereof) – NOTE: there is no funding for this option

Other (please specify _____)



Turtle Creek Greenways Plan

A conservation & recreation project for the Municipalities of Monroeville, Murrysville, Penn Township, and Trafford Borough

If you do not wish to pursue a legal agreement regarding your property, would you be willing to partner with an organization, such as the Regional Trail Corporation or the Turtle Creek Watershed Association regarding recreation and/or conservation efforts along the Turtle Creek Corridor?

- Yes, for recreation activities only Yes, for conservation activities only
 Yes, for recreation and conservation Maybe, need more information
 No

Do you support the concept of a public greenway being developed for the Turtle Creek Corridor?

- Yes No Maybe, not sure

Do you have any concerns regarding the development of a public greenway being developed for the Turtle Creek Corridor?

What is the best way to contact you regarding project updates, etc.?

Email:

Phone #:

Mailing Address:



Turtle Creek Greenways Plan

A conservation & recreation project for the Municipalities of Monroeville, Murrysville, Penn Township, and Trafford Borough



Owner Name: ROBERT J + MARGARET M. LUTZ

Parcel #(s): 49-13-00-00-0044 ; + 45

Do you have any plans to develop your property (or portion thereof) in question?

Yes No Maybe, not sure

If so, for what type of use?

Residential Commercial Industrial Other ()

Are you aware of any of the following on your property?

- Flooding (please explain _____)
- Steep terrain (undevelopable) (please describe STEAD ACCESS TO PROPERTY)
- Erosion / washout area (please describe WETLANDS BESIDE RAILROAD)
- Garbage / hazardous waste (please describe _____)
- Recreation opportunity (please specify _____)
- Site of cultural / historical significance (please specify _____)
- Access to Turtle Creek from a public road / right-of-way (where? _____)
- Other (please specify _____)

Are you interested in pursuing any of the following regarding your property?

- Donation (entire parcel or a portion thereof)
- Conservation Easement (i.e. remain permanent open space, woodlands, etc.)
- Lease (entire parcel or a portion thereof) – NOTE: there is no funding for this option
- Sale (entire parcel or a portion thereof) – NOTE: there is no funding for this option
AT SOMETIME IN THE FUTURE
- Other (please specify _____)



Turtle Creek Greenways Plan

A conservation & recreation project for the Municipalities of Monroeville, Murrysville, Penn Township, and Trafford Borough

If you do not wish to pursue a legal agreement regarding your property, would you be willing to partner with an organization, such as the Regional Trail Corporation or the Turtle Creek Watershed Association regarding recreation and/or conservation efforts along the Turtle Creek Corridor?

- Yes, for recreation activities only Yes, for conservation activities only
 Yes, for recreation and conservation Maybe, need more information
 No

Do you support the concept of a public greenway being developed for the Turtle Creek Corridor?

- Yes No Maybe, not sure

Do you have any concerns regarding the development of a public greenway being developed for the Turtle Creek Corridor?

I NEED MORE INFORMATION AS TO WHAT
ACTIVITIES WOULD BE INCLUDED.

What is the best way to contact you regarding project updates, etc.?

Email: BONEIDLE@WINDSTREAM.NET
Phone #: 724-325-2448
Mailing Address: 3646 MEADOWBROOK ROAD
MURRYSVILLE, PA 15668



Turtle Creek Greenways Plan

A conservation & recreation project for the Municipalities of Monroeville, Murrysville, Penn Township, and Trafford Borough

Owner Name: PETER & RUTH FISCHS

Parcel #(s): 44-13-00-00-0073

Do you have any plans to develop your property (or portion thereof) in question?

Yes No Maybe, not sure

If so, for what type of use?

Residential Commercial Industrial Other ()

Are you aware of any of the following on your property?

Flooding (please explain _____)

Steep terrain (undevelopable) (please describe CLIFF-LIKE)

Erosion / washout area (please describe _____)

Garbage / hazardous waste (please describe IT APPEARS AS IF PART OF OUR PROPERTY WAS ONCE A DUMP A LOT OF GLASS IS IN THE GROUND WHEN I DO ANY DIGGING)

Recreation opportunity (please specify _____)

Site of cultural / historical significance (please specify _____)

Access to Turtle Creek from a public road / right-of-way (where? _____)

Other (please specify _____)

Are you interested in pursuing any of the following regarding your property?

Donation (entire parcel or a portion thereof)

Conservation Easement (i.e. remain permanent open space, woodlands, etc.)

Lease (entire parcel or a portion thereof) – NOTE: there is no funding for this option

Sale (entire parcel or a portion thereof) – NOTE: there is no funding for this option

Other (please specify UNSURE)



Turtle Creek Greenways Plan

A conservation & recreation project for the Municipalities of Monroeville, Murrysville, Penn Township, and Trafford Borough

If you do not wish to pursue a legal agreement regarding your property, would you be willing to partner with an organization, such as the Regional Trail Corporation or the Turtle Creek Watershed Association regarding recreation and/or conservation efforts along the Turtle Creek Corridor?

Yes, for recreation activities only Yes, for conservation activities only
 Yes, for recreation and conservation Maybe, need more information
 No

Do you support the concept of a public greenway being developed for the Turtle Creek Corridor?

Yes No Maybe, not sure

Do you have any concerns regarding the development of a public greenway being developed for the Turtle Creek Corridor?

I WOULD BE IN FAVOR OF SOME RESPONSIBLE CONSERVATION/
PRESERVATION EFFORTS, BUT HAVE SOME CONCERNS ABOUT
EXCESSIVE ENVIRONMENTAL RESTRICTIONS

What is the best way to contact you regarding project updates, etc.?

Email: fickle88@juno.com

Phone #: (412) 651-8584

Mailing Address: 3224 MEADOWBROOK RA
MURRYSVILLE, PA 15668



Turtle Creek Greenways Plan

A conservation & recreation project for the Municipalities of Monroeville, Murrysville, Penn Township, and Trafford Borough

Owner Name: MICHAEL C AND DOROTHY T URICK

Parcel #(s): 1109-J-266

Do you have any plans to develop your property (or portion thereof) in question?

Yes No Maybe, not sure

If so, for what type of use?

Residential Commercial Industrial Other ()

Are you aware of any of the following on your property?

No Flooding (please explain _____)

No Steep terrain (undevelopable) (please describe _____)

No Erosion / washout area (please describe _____)

No Garbage / hazardous waste (please describe _____)

No Recreation opportunity (please specify _____)

No Site of cultural / historical significance (please specify _____)

No Access to Turtle Creek from a public road / right-of-way (where? _____)

NONE Other (please specify _____)

Are you interested in pursuing any of the following regarding your property?

No Donation (entire parcel or a portion thereof)

Yes Conservation Easement (i.e. remain permanent open space, woodlands, etc.)

No Lease (entire parcel or a portion thereof) – NOTE: there is no funding for this option

No Sale (entire parcel or a portion thereof) – NOTE: there is no funding for this option

Other (please specify) _____



Turtle Creek Greenways Plan

A conservation & recreation project for the Municipalities of Monroeville, Murrysville, Penn Township, and Trafford Borough

If you do not wish to pursue a legal agreement regarding your property, would you be willing to partner with an organization, such as the Regional Trail Corporation or the Turtle Creek Watershed Association regarding recreation and/or conservation efforts along the Turtle Creek Corridor?

- Yes, for recreation activities only Yes, for conservation activities only
 Yes, for recreation and conservation Maybe, need more information
 No

Do you support the concept of a public greenway being developed for the Turtle Creek Corridor?

- Yes No Maybe, not sure

Do you have any concerns regarding the development of a public greenway being developed for the Turtle Creek Corridor?

NONE

What is the best way to contact you regarding project updates, etc.?

Email: ABERSCREEK@VERIZON.NET

Phone #: 412 372 2238

Mailing Address: 407 URICK LANE

MONROEVILLE PA 15146



Turtle Creek Greenways Plan

A conservation & recreation project for the Municipalities of Monroeville, Murrysville, Penn Township, and Trafford Borough

Owner Name: Marc & Tracy Alaia

Parcel #(s): 55-02-00-00-0167

Do you have any plans to develop your property (or portion thereof) in question?

Yes No Maybe, not sure

If so, for what type of use?

Residential Commercial Industrial Other (____)

Are you aware of any of the following on your property?

- Flooding (please explain _____)
- Steep terrain (undevelopable) (please describe Majority of parcel is steep)
- Erosion / washout area (please describe _____)
- Garbage / hazardous waste (please describe _____)
- Recreation opportunity (please specify _____)
- Site of cultural / historical significance (please specify _____)
- Access to Turtle Creek from a public road / right-of-way (where? _____)
- Other (please specify _____)

Are you interested in pursuing any of the following regarding your property?

- Donation (entire parcel or a portion thereof)
- Conservation Easement (i.e. remain permanent open space, woodlands, etc.)
- Lease (entire parcel or a portion thereof) – NOTE: there is no funding for this option
- Sale (entire parcel or a portion thereof) – NOTE: there is no funding for this option
- Other (please specify _____)



Turtle Creek Greenways Plan

A conservation & recreation project for the Municipalities of Monroeville, Murrysville, Penn Township, and Trafford Borough

If you do not wish to pursue a legal agreement regarding your property, would you be willing to partner with an organization, such as the Regional Trail Corporation or the Turtle Creek Watershed Association regarding recreation and/or conservation efforts along the Turtle Creek Corridor?

Yes, for recreation activities only Yes, for conservation activities only
 Yes, for recreation and conservation Maybe, need more information
 No

Do you support the concept of a public greenway being developed for the Turtle Creek Corridor?

Yes No Maybe, not sure

Do you have any concerns regarding the development of a public greenway being developed for the Turtle Creek Corridor?

What is the best way to contact you regarding project updates, etc.?

Email: m2@alalaia.net

Phone #: 412-856-1211

Mailing Address: 272 Saunders Station Rd.

Trafford, PA 15085



Turtle Creek Greenways Plan

A conservation & recreation project for the Municipalities of Monroeville, Murrysville, Penn Township, and Trafford Borough

Owner Name: William Krut

Parcel #(s): 1245-E-314

Do you have any plans to develop your property (or portion thereof) in question?

Yes No Maybe, not sure

If so, for what type of use?

Residential Commercial Industrial Other ()

Are you aware of any of the following on your property?

Flooding (please explain Along turtle creek)

Steep terrain (undevelopable) (please describe multiple areas)

Erosion / washout area (please describe _____)

Garbage / hazardous waste (please describe people throw garbage from CAVITT RD)

Recreation opportunity (please specify _____)

Site of cultural / historical significance (please specify _____)

Access to Turtle Creek from a public road / right-of-way (where? _____)

Other (please specify _____)

Are you interested in pursuing any of the following regarding your property?

no Donation (entire parcel or a portion thereof)

no Conservation Easement (i.e. remain permanent open space, woodlands, etc.)

no Lease (entire parcel or a portion thereof) – NOTE: there is no funding for this option

no Sale (entire parcel or a portion thereof) – NOTE: there is no funding for this option

no Other (please specify _____)



Turtle Creek Greenways Plan

A conservation & recreation project for the Municipalities of Monroeville, Murrysville, Penn Township, and Trafford Borough

If you do not wish to pursue a legal agreement regarding your property, would you be willing to partner with an organization, such as the Regional Trail Corporation or the Turtle Creek Watershed Association regarding recreation and/or conservation efforts along the Turtle Creek Corridor?

- Yes, for recreation activities only
- Yes, for recreation and conservation
- No
- Yes, for conservation activities only
- Maybe, need more information

Do you support the concept of a public greenway being developed for the Turtle Creek Corridor?

- Yes
- No
- Maybe, not sure

Do you have any concerns regarding the development of a public greenway being developed for the Turtle Creek Corridor?

Improved Public access to secluded areas of
 Private property

What is the best way to contact you regarding project updates, etc.?

Email: Krutwi@monroeville.pa.us

Phone #: _____

Mailing Address: _____



Turtle Creek Greenways Plan

A conservation & recreation project for the Municipalities of Monroeville, Murrysville, Penn Township, and Trafford Borough

Owner Name: PENN TOWNSHIP SEWAGE AUTHORITY

Parcel #(s): WE DON'T OWN THIS PROPERTY, WE JUST HAVE A SANITARY RIGHT of way
THROUGH IT.

Do you have any plans to develop your property (or portion thereof) in question?

Yes No Maybe, not sure

If so, for what type of use?

Residential Commercial Industrial Other ()

Are you aware of any of the following on your property?

- Flooding (please explain THE LOWER PORTION FLOODS IN HEAVY RAIN.)
- Steep terrain (undevelopable) (please describe OUR SEWER LINE IS IN THE WAY)
- Erosion / washout area (please describe THE STREAM RUNS THROUGH THE PROPERTY.)
- Garbage / hazardous waste (please describe _____)
- Recreation opportunity (please specify _____)
- Site of cultural / historical significance (please specify _____)
- Access to Turtle Creek from a public road / right-of-way (where? _____)
- Other (please specify _____)

Are you interested in pursuing any of the following regarding your property?

- Donation (entire parcel or a portion thereof)
- Conservation Easement (i.e. remain permanent open space, woodlands, etc.)
- Lease (entire parcel or a portion thereof) – NOTE: there is no funding for this option
- Sale (entire parcel or a portion thereof) – NOTE: there is no funding for this option
- Other (please specify) _____



Turtle Creek Greenways Plan

A conservation & recreation project for the Municipalities of Monroeville, Murrysville, Penn Township, and Trafford Borough

If you do not wish to pursue a legal agreement regarding your property, would you be willing to partner with an organization, such as the Regional Trail Corporation or the Turtle Creek Watershed Association regarding recreation and/or conservation efforts along the Turtle Creek Corridor?

- Yes, for recreation activities only Yes, for conservation activities only
 Yes, for recreation and conservation Maybe, need more information
 No

Do you support the concept of a public greenway being developed for the Turtle Creek Corridor?

- Yes No Maybe, not sure

Do you have any concerns regarding the development of a public greenway being developed for the Turtle Creek Corridor?

WOULD NEED MORE INFORMATION

What is the best way to contact you regarding project updates, etc.?

Email: plsa@windstream.net

Phone #: 724 744-4333

Mailing Address: 1032 Nite Site Rd.
IRWIN PA 15642

THIS PROPERTY IS OWNED BY: HOUSTON STARR CO.
300 BRUSTON AVE.
PITTSBURGH PA 15221

PARCEL ID 55-2-10



Turtle Creek Greenways Plan

A conservation & recreation project for the Municipalities of Monroeville, Murrysville, Penn Township, and Trafford Borough

If you do not wish to pursue a legal agreement regarding your property, would you be willing to partner with an organization, such as the Regional Trail Corporation or the Turtle Creek Watershed Association regarding recreation and/or conservation efforts along the Turtle Creek Corridor?

Yes, for recreation activities only Yes, for conservation activities only

Yes, for recreation and conservation Maybe, need more information

No

Do you support the concept of a public greenway being developed for the Turtle Creek Corridor?

Yes No Maybe, not sure

Do you have any concerns regarding the development of a public greenway being developed for the Turtle Creek Corridor?

No due to lack of information

What is the best way to contact you regarding project updates, etc.?

Email: liebm38@yahoo.com

Phone #: 412 856-0548

Mailing Address: 123 Bel-Aire Drive
Monroeville, PA 15146



Turtle Creek Greenways Plan

A conservation & recreation project for the Municipalities of Monroeville, Murrysville, Penn Township, and Trafford Borough

Owner Name:

James A. Vittek

Parcel #(s):

Do you have any plans to develop your property (or portion thereof) in question?



Yes

No

Maybe, not sure

If so, for what type of use?



Residential

Commercial

Industrial

Other (_____)

Are you aware of any of the following on your property?

Flooding (please explain _____)

Steep terrain (undevelopable) (please describe _____)

Erosion / washout area (please describe _____)

Garbage / hazardous waste (please describe _____)

Recreation opportunity (please specify _____)

Site of cultural / historical significance (please specify _____)

Access to Turtle Creek from a public road / right-of-way (where? _____)

Other (please specify _____)

Are you interested in pursuing any of the following regarding your property?

Donation (entire parcel or a portion thereof)

Conservation Easement (i.e. remain permanent open space, woodlands, etc.)

Lease (entire parcel or a portion thereof) – NOTE: there is no funding for this option

Sale (entire parcel or a portion thereof) – NOTE: there is no funding for this option

Other (please specify _____)



Turtle Creek Greenways Plan

A conservation & recreation project for the Municipalities of Monroeville, Murrysville, Penn Township, and Trafford Borough

If you do not wish to pursue a legal agreement regarding your property, would you be willing to partner with an organization, such as the Regional Trail Corporation or the Turtle Creek Watershed Association regarding recreation and/or conservation efforts along the Turtle Creek Corridor?

_____ Yes, for recreation activities only _____ Yes, for conservation activities only

_____ Yes, for recreation and conservation _____ Maybe, need more information

~~_____~~ No

Do you support the concept of a public greenway being developed for the Turtle Creek Corridor?

_____ Yes ~~_____~~ No _____ Maybe, not sure

Do you have any concerns regarding the development of a public greenway being developed for the Turtle Creek Corridor?

Property Rights

What is the best way to contact you regarding project updates, etc.?

Email: Jim@TheViloks.net

Phone #: _____

Mailing Address: _____

Appendix K—Criteria Ranking Form

Turtle Creek Greenway Ranking Criteria

Ranking Criteria for Natural, Cultural and/or Recreational Value				
	STANDARD	1	2	3
1	Meets stated project goals	meets 1 or less goals	meets 2 goals	meets 3 or more goals
2	Provides recreational access to the greenway and/or stream -public access via roadway, trail, etc.	Low / None -No current access & little opportunity for access	Moderate -No current access, but has potential for access	High -Currently provides access or has good potential to provide access
3	Provides active recreational opportunities -active means ball fields, playgrounds, docks, piers, multi-use trails, picnic tables, etc.; activities that require facilities	Low / None -No current facilities & no opportunity for facilities	Moderate -No current facilities, but has potential for facilities	High -Currently has facilities or has good potential to provide facilities
4	Provides passive recreational opportunities -passive means hiking, birdwatching, exploring nature, fishing, etc.; no facilities required	Low / None -Area has no potential (i.e. steep) for passive recreation	Moderate -Area has some potential for passive recreation	High -Currently used or has good potential to provide opportunities
5	Provides natural beauty / greenway -area is in its natural state, forested, etc. regardless of invasive species presence	Low / None -Parcel has been disturbed or is developed	Moderate -Parcel may have some development, but has natural areas	High -No development or disturbance
6	Contains site of cultural, historic, or natural significance -cultural: locally significant site -natural: BDA, T&E species, geological feature, NHI site, quality wildlife habitat area -historical: listed / eligible for NR	No known resource	Possible resource	Resource present
7	Habitat enhancement opportunities -bird boxes, vegetative / native plantings, etc.	Low / None -No opportunities present	Moderate -Some opportunities present	High -Good opportunities present



Turtle Creek Greenway Ranking Criteria

Ranking Criteria for Natural, Cultural and/or Recreational Value (cont)				
	STANDARD	1	2	3
8	<p>Provides natural flood control / protection</p> <p>-contains existing wetlands, floodplain, forested area, etc.</p>	<p>Low / None</p> <p>-Area is disturbed, eroded, developed; no vegetation present</p>	<p>Moderate</p> <p>-Area provides some flood control / protection</p>	<p>High</p> <p>-Area contains a wetland, vegetated floodplain, or is forested</p>
9	<p>Proximity to Preserved Land or Publicly Owned Land</p> <p>-adjacent to or provides a connection to public park, land under conservation easement, or owned by conservation organization</p>	<p>Low / None</p> <p>-No connection present</p>	<p>Moderate</p> <p>-Possible opportunity for a connection</p>	<p>High</p> <p>-Provides a direct connection</p>
10	<p>Opportunity as educational area or for interpretive signage</p> <p>-educational areas may include: wetlands, floodplains, invasive species identification, outdoor picnic areas to hold classes, littering/dumping sites, etc.</p>	<p>Low / None</p> <p>-No opportunity present</p>	<p>Moderate</p> <p>-Some opportunities present</p>	<p>High</p> <p>-Good site for educational opportunities</p>
11	<p>Likelihood of future development</p> <p>-land could be developed as residential, commercial, and / or industrial; availability of utilities, access to roadways, etc.</p>	<p>Low / None</p> <p>-Can't be developed i.e. too steep, floodplain, etc.</p>	<p>Moderate</p> <p>-Possible to develop and / or known interest long-term</p>	<p>High</p> <p>-High potential for development and / or known interest in immediate future</p>
12	<p>Cost to implement projects</p> <p>-projects may include: recreational facilities, habitat enhancement, etc.</p>	<p>High Cost</p> <p>-Major projects identified</p> <p>-Projects would require significant amount of funding and professional assistance and volunteer work</p>	<p>Moderate Cost</p> <p>-Several projects identified</p> <p>-Projects would require some amount of funding and volunteer work</p>	<p>Low / No Cost</p> <p>-No/few projects identified</p> <p>-Projects could be completed with little to no funding and / or volunteer work</p>

Turtle Creek Greenway Ranking Criteria

Ranking Criteria for Restoration Activities				
	STANDARD	-1	-2	-3
13	Litter / Illegal Dumping -used as illegal dumpsite, presence of trash, residual waste from previous use	Low / None -No litter or illegal dumpsites present	Moderate -Some issues with littering and illegal dumping	High -Litter or illegal dumpsite identified
14	Contains area of erosion and / or wash out problems	Low / None -No erosion or wash out identified	Moderate -Some/minor erosion or washout identified	High -Major/problem area of erosion or washout identified
15	Source of erosion and wash out present	Low / None -Source of erosion and wash out is NOT located on parcel	Moderate -Source of erosion and wash out is not located on parcel, but a lot of issues present	High -Source of erosion and wash out is located on the parcel
16	Contains potential to install erosion and sedimentation control / flood control measure -E&S / flood control measures include: wetland creation, riparian plantings, culvert replacement / unblock, bank stabilization, rip rap, etc.	Low / No potential -No space and/or need for E&S	Moderate -Limited space and /or limited need for E&S	High potential -Significant space and significant need for E&S
17	Presence of invasive plant species -Japanese knotweed, etc.	Low / None -No invasive species present	Moderate -Invasive species present, but not many nor not high priority to eradicate	High -Invasive species is present and is a high priority to eradicate (high potential to spread)
18	Cost to implement projects -projects may include: E&S measures, invasive species removal, flood control, etc.	Low / No Cost -No/few projects identified -Projects could be completed with little to no funding and / or volunteer work	Moderate Cost -Several projects identified -Projects would require some amount of funding and volunteer work	High Cost -Major projects identified -Projects would require significant amount of funding and professional assistance and volunteer work



Appendix L—Organizations

Local Government

Allegheny County
Local legislators/government officials
Municipality of Monroeville
Municipality of Murrysville
Parks & Recreation Dept. – each municipality & county in project area
Penn Township
Public Works Dept. – each municipality
Trafford Borough
Westmoreland County

State and Federal Agencies

Allegheny County Conservation District (ACCD)
Department of Natural Resources and Conservation (DCNR)
Environmental Protection Agency (EPA)
Natural Resources Conservation Service (NRCS)
PA Department of Environmental Protection (PADEP)
PA Fish and Boat Commission (PFBC)
PA Game Commission (PGC)
PA Historic Museum Commission (PHMC)
Pennsylvania Department of Agriculture (PDA)
Southwestern Planning Commission (SPC)
U.S. Army Corps of Engineers (USACE)
U.S. Fish & Wildlife Service (USFWS)
Western Pennsylvania Coalition for Abandoned Mine Reclamation (WPCAMR)
Westmoreland County Conservation District (WCCD)

Non-Profit Organizations

Allegheny Cleanways
Allegheny County Economic Development
Allegheny Land Trust (ALT)
Audubon Society of Western PA (ASWP)
Chamber of Commerce
Environmental Advisory Committees
Friends of Murrysville Parks (FOMP)
PennState Cooperative Extension
Pennsylvania Environmental Council
Pennsylvania Resource Council (PRC)
Regional Trail Corporation
Smart Growth Partnership
Southwestern PA Household Hazardous Waste Coalition (SWPAHHW)
Sustainable Monroeville
Turtle Creek Valley Council of Government (TCVCOG)
Turtle Creek Watershed Association (TCWA)
US Department of Agriculture (USDA)
Western Pennsylvania Conservancy (WPC)
Westmoreland County Botanical Gardens

Westmoreland Heritage Trail
Westmoreland Land Trust (WLT)
Trout Unlimited (TU)
Rachel Carson Homestead Association (RCHA)

????

Boy/Girl Scouts
Green developers
Local citizens
Local colleges/universities
Local historical societies
Local school districts/students



Appendix M—Funding Sources

Grant / Program Name	Description	Website Address
American Water Environmental Grant Programs	American Water's Environmental Grant Program offers funds for innovative, community-based environmental projects that improve, restore or protect the watersheds, surface water and/or groundwater supplies in the communities it serves.	http://pr.amwater.com/
Constellation Energy EcoStar Grants	The EcoStar Grant program was launched in January 2010 with a request for applications from nonprofit organizations seeking funds for environmental projects in their communities. Grants of up to \$5,000 each will be used by nonprofit community organizations to engage in environmental stewardship projects. Grant requests should be submitted by May 1 for the June meeting and September 1 for the October meeting.	http://www.constellation.com/portal/site/constellation/menuitem.531e0af410e791875fb60610025166a0/+%20gaJsHost%20+
Council on Foundations	The Council on Foundations is a national nonprofit association of approximately 2,000 grantmaking foundations and corporations.	http://www.cof.org/
CVS Caremark Community Grants	Program awards grants up to \$5,000 to nonprofit organizations for programs targeting children with disabilities; programs focusing on health and rehabilitation services; and public schools promoting a greater level of inclusion in student activities and extracurricular programs, and initiatives that give greater access to physical movement and play.	http://info.cvscaremark.com/community/our-impact/community-grants
Foundation Center	A database of foundations and other funding sources.	http://foundationcenter.org/
Foundation for Pennsylvania Watersheds	Awards grants to 501(c)3 nonprofit organizations for local efforts to protect healthy, natural streams, to clean up pollution and to restore degraded wildlife habitat..	http://www.pennsylvaniawatersheds.org/?page_id=3
Grants.gov	Provides information on hundreds of federal grants that can be used to support a variety of programs.	http://www.grants.gov/
International Society of Arboriculture – TREE Fund	This program supports the development of arboriculture educational programs and materials for K-12 students.	http://www.treefund.org/ed_grants.htm
KaBOOM!	KaBOOM! offers communities occasional grant opportunities to begin or complete playspace projects.	http://kaboom.org/build_playspace/get_funding/grants

Grant / Program Name	Description	Website Address
Mantis Awards for Community and Youth Gardens	Each year, Mantis presents the Mantis Awards for charitable and educational garden projects that enhance the quality of life in their host communities. Any nonprofit garden program may apply, including schools, churches, correctional facilities, parks departments, youth camps, community gardens, and many others.	http://www.kidsgardening.com/grants.asp
National Fish and Wildlife Foundation	The National Fish and Wildlife Foundation provides funding on a competitive basis to projects that sustain, restore and enhance the Nation's fish, wildlife, plants and their habitats through our Keystone Initiative Grants and other Special Grant Programs.	http://www.nfwf.org/AM/Template.cfm?Section=Grants
National Gardening Association (NGA) – Youth Garden Grants	NGA awards Youth Garden Grants to schools and community organizations with child-centered garden programs. Applicants must plan to garden in 2010 with at least 15 children between the ages of 3 and 18 years.	http://assoc.garden.org/grants/
National Recreation and Park Association (NRPA)	NRPA provides education for professionals and the public on the essential nature of parks and recreation and advocates for increased national funding for parks and recreation through federal grants and initiatives.	www.nrpa.org
National Tree Trust	The mission of the National Tree Trust is to promote healthy communities by providing resources that educate and empower people to grow and care for urban and community forests.	http://www.nationaltreetrust.org/
PA CleanWays – Allegheny & Westmoreland Affiliates	A non-profit organization that helps communities take action against illegal dumping and littering.	http://www.pacleanways.org/
Pennsylvania Council on the Arts (PCA) – Local Government	Provides grants to local governments to assist in funding arts programs, arts projects, regrant programs, and pass through projects.	http://pacouncilonthearts.org/pca.cfm?id=46&level=Third
Pennsylvania Department of Community and Economic Development (DCED) – Keystone Recreation, Park and Conservation Fund	State grants to construct new library buildings, renovate or rehabilitate existing facilities and make library buildings accessible for persons with disabilities. Joint applications are required from a sponsoring municipality (or Councils of Government and authorities approved by the participating local governing body of the COG or authority) and a state-aided public library.	http://www.newpa.com/find-and-apply-for-funding/funding-and-program-finder/funding-detail/index.aspx?progId=118

Grant / Program Name	Description	Website Address
Pennsylvania Department of Community and Economic Development (DCED) – Local Municipal Resources and Development Program (LMRDP)	Grants to municipalities for the construction or rehabilitation of infrastructure, building rehabilitation, acquisition and demolition of structures/land, revitalization or construction of community facilities, purchase or upgrade of machinery and equipment, planning of community assets, public safety, crime prevention, recreation, and training.	http://www.newpa.com/find-and-apply-for-funding/funding-and-program-finder/funding-detail/index.aspx?progId=78
Pennsylvania Department of Community and Economic Development (DCED) – Urban Development Program	Provides grants for <u>urban</u> development and improvement projects, including the construction or rehab of infrastructure, building rehabilitation, acquisition and demolition of structures/land, revitalization or construction of community facilities, purchase or upgrade of machinery and equipment, planning of community assets, public safety, crime prevention, recreation, and training.	http://www.newpa.com/find-and-apply-for-funding/funding-and-program-finder/funding-detail/index.aspx?progId=81
Pennsylvania Department of Conversation and Natural Resources (DCNR) – Community Conservation Partnerships Program (C2P2)	C2P2 grants are open to local / county governments and non-profit organizations to assist with recreation projects; three basic types: planning, acquisition and development. Includes grants for community recreation, land trusts, rails-to-trails, rivers conservation, snowmobile/ATV, heritage areas, land and water conservation fund, and recreational trails.	http://www.dcnr.state.pa.us/brc/grants/
Pennsylvania Department of Conversation and Natural Resources (DCNR) – Peer to Peer Technical Assistance	Grants of up to 90 percent of eligible costs (\$10,000 maximum) to study problem-specific issues dealing with the administration of park and recreation facilities and/or services. These are short-term projects conducted primarily by experienced park and recreation professionals who work closely with community leaders.	http://www.dcnr.state.pa.us/brc/grants/itagrant.aspx
Pennsylvania Department of Conservation and Natural Resources (DCNR) – Wild Resource Conservation Program (WRCP)	The Wild Resource Conservation Program is accepting grant applications for projects in the following areas: Effects of Climate Change on Biodiversity; Education; Wildlife Action Plan Priorities; Wild Plant Management; and General Biodiversity Projects	http://www.dcnr.state.pa.us/wrcp/grants/index.aspx

Grant / Program Name	Description	Website Address
Pennsylvania Department of Environmental Protection (DEP) – Community Cleanup Program	The DEP Community Cleanup Program assists local partners with cleaning up illegal dumpsite. The community cleanup program is a partnership among community organizations, environmental groups, local business and industry, and local, county and state governments. The program brings together these partners to identify illegal dumps, prioritize cleanups, coordinate cleanups and provide surveillance and enforcement.	http://www.depweb.state.pa.us/landrecwaste/cwp/view.asp?a=1418&Q=505004&landrecwasteNav=
Pennsylvania Department of Environmental Protection (DEP) – Enactment of Ordinances and Implementation of Stormwater Management Plans	Reimburse municipalities for costs incurred in the adoption or revision of ordinances or regulations and other actual administrative, enforcement, and implementation costs incurred in complying with the Pennsylvania Stormwater Management Act (1978 Act 167) and the companion regulation governing stormwater management grants and reimbursements (25 Pa. Code 111). Eligible applicant: municipality. Average grant: \$1,400.00.	http://www.depweb.state.pa.us/portal/server.pt/community/watershed_management/10593
Pennsylvania Department of Environmental Protection (DEP) – Environmental Education Grants Program	School districts, private schools, nonprofit groups and county conservation districts may apply for funding to develop new or expand current environmental education programming. This program is a reimbursement program with a 20 percent matching funds component, with certain exceptions.	http://www.depweb.state.pa.us/enved/cwp/view.asp?a=3&q=473224
Pennsylvania Department of Environmental Protection (DEP) – Flood Protection Grant Program	Provides funds to government entities responsible for the operation and maintenance of flood protection projects for non-routine maintenance, project improvements and specialized equipment. Eligible applicant: county, municipality, authority. Average grant: \$25,000,000.	http://www.depweb.state.pa.us/portal/server.pt/community/waterways_engineering/10499
Pennsylvania Department of Environmental Protection (DEP) – Growing Greener Watershed Grants	Restore watersheds and streams, reclaim mined lands, remediate AMD	http://www.depweb.state.pa.us/growinggreener/site/default.asp
Pennsylvania Department of Environmental Protection (DEP) – Illegal Dump Cleanup Program	Provide financial assistance for a maximum of \$25,000 with a match of 50% match to assist in the cleanup of illegal dumps on public lands, state-owned lands, and third-party sites. Eligible applicant: County, Municipality, Authority, NonProfit, Conservation District.	http://www.ahs2.dep.state.pa.us/GrantsCenter/ProgramSummary.asp?ID=139

Grant / Program Name	Description	Website Address
Pennsylvania Department of Environmental Protection (DEP) – Nonpoint Source Implementation Program (Section 319)	Provide funding to assist in implementing PA's Nonpoint Source Management Program. This includes funding for abandoned mine drainage, agricultural and urban run-off, and natural channel design/streambank stabilization projects, and for development of watershed-based restoration plans. Eligible applicant: County, Municipality, Authority, School District, NonProfit, Conservation District, Watershed Groups. Average grant: \$110,000.00.	http://www.portal.state.pa.us/portal/server.pt/community/nonpoint_source_management/10615
Pennsylvania Department of Environmental Protection (DEP) – PA Conservation Works!	One-time grants for motivated local governments and non-profit entities with shovel-ready projects that will save or conserve a minimum of 25 percent of all energy used.	https://www.grants.dcnr.state.pa.us/documents/conservation_works_7000_bk_dep4250.pdf
Pennsylvania Department of Environmental Protection (DEP) – Stormwater Management Planning and Implementation	DEP provides financial and technical assistance to counties for development, and to municipalities for implementation, of watershed-based storm water management plans under the Storm Water Management Act (1978 Act 167). The financial assistance consists of grants and reimbursements that cover 75% of the allowable costs for storm water management plans covered under the Act. Eligible applicant: County, Municipality. Average grant: \$200,000.00	http://www.depweb.state.pa.us/portal/server.pt/community/watershed_management/10593
Pennsylvania Department of Labor and Industry – PA Conservation Corps Program	Offers grants to municipalities for conservation, recreation, historic preservation, graffiti removal and repair of vandalism. Funds may be used to purchase materials and services.	http://www.portal.state.pa.us/portal/server.pt/community/pennsylvania_conservation_corps/10573/project_grants/599288
Pennsylvania Fish and Boat Commission (PFBC)	The Commission has a number of grant programs that provide funding in support of fishing, boating and aquatic resource conservation; including the Boating Facility Grant Program, the Boating Infrastructure Grant Program, and the Coldwater Heritage Partnership.	http://www.fish.state.pa.us/grants.htm
Pennsylvania Humanities Council	Humanities Grants foster collaborative learning through public programs. Examples of humanities projects include discussion groups exploring books or films, workshops, walking tours, panel discussions, exhibitions with interpretive programs, and craft demonstrations integrating conversations about the craft.	http://www.pahumanities.org/resources/grants.php

Grant / Program Name	Description	Website Address
Pennsylvania Infrastructure Investment Authority (PENNVEST); Green Infrastructure Projects	PENNVEST actively funds Green Initiatives that promote and encourage environmental responsibility in our communities that are creative and innovative with green solutions for water quality management.	http://www.portal.state.pa.us/portal/server.pt/community/programs/9322/green_initiatives/541807
Pennsylvania Infrastructure Investment Authority (PENNVEST); Drinking Water, Wastewater and Storm Water Loans and Non-point Source Financing	Primarily low interest loans to pay for costs associated with design, engineering, and construction of public or private owned drinking water or wastewater systems, non-point source pollution mitigation and municipal storm water projects. Loans up to \$20 million for more than one municipality.	http://www.portal.state.pa.us/portal/server.pt/community/available_funding/11211/drinking%2C_waste_and_storm_water_loans/560726
Pennsylvania Recreation and Park Society (PRPS) RecTAP Program	Provides technical assistance grants of up to \$1,500 to help recreation and park boards and departments with specific issues. No matching funds are required.	http://www.prps.org/grantsrectap.htm
Pennsylvania Rural Water Association (PRWA) Sourcewater Protection Program	Helps communities to develop sourcewater protection plans to guide water utilities through the process of identifying potential threats to public drinking water and water utility facilities and outline plans of action in advance of problems. PRWA will work with any system interested in protecting their groundwater supply. There is no charge for the PRWA services provided.	http://www.prwa.com/content/sourcewater-protection
Pew Charitable Trust	Provides grants related to environment, culture, and health and human services.	www.pewtrusts.com/grants
SPARK (Sports Play and Active Recreation for Kids)	Provides staff training and one of the few areas that funds can be obtained to purchase equipment.	www.paspark.com
TreeVitalize	TreeVitalize Metros Sub Grant is available to Municipalities and or Municipal agencies. Up to \$25,000 available for tree planting per Municipality per year. Up to \$200 per tree. Dollar for dollar match is required. (At least half the match MUST be cash. Non-cash contributions such as services, labor, or materials contributed by the municipality or by volunteers. Application deadlines: February 1st and July 1st of each year.	http://www.treevitalize.net/SubGrant.aspx
Water Resources Education Network (WREN)	Watershed education projects sponsored by community based partnerships that educate, build awareness, and promote water-sustaining public policies and/or behavior change. Projects should be designed to encourage individual or collective action that will protect and improve local water resources.	http://wren.palwv.org/grants/grants_wren.html



Appendix N—Recommended Updates to
Municipal Land Use Ordinances

OVERALL ASSESSMENT

Major items lacking in **ALL** of the municipal land use ordinances:

- ✓ **Landscaping standards**: In most of the ordinances, landscaping standards are minimal at best, and Trafford only has provisions for shade trees planted between sidewalks and curbs and NOTHING ELSE. While in all of the ordinances, landscaping is addressed in Zoning, it needs to be better handled in the SALDOs and needs to go beyond the bare minimums. A recommended planting list which included specific prohibitions against invasive species – especially those identified in the Duff Park report – would relieve some of the reviewing burden off of Planning Commission members and keep residents better informed
- ✓ **Riparian buffers**: The Stormwater Management standards are adequate in all of the ordinances, and particularly exemplary in Monroeville’s case, but there is a sad lack of attention to riparian corridors – a few simple regulations mandating buffers, naturalized areas / plantings, and prohibiting fencing, invasive species of plants, excessive grass-cutting and clearing, etc. would go a long way
- ✓ **Steep slopes**: Better steep slope protections are needed – all of the ordinances should follow Monroeville’s example of restricting hillside subdivisions
- ✓ **Low Impact Development**: The “Low Impact Development” standards (based upon DEP’s model ordinance) included as an Appendix in both Monroeville and Trafford’s Stormwater Management standards should be included in ALL of the communities’ codes, especially the Cluster Development suggestions, though these should be expanded and incorporated as part of both Zoning and SALDO

SUGGESTED UPDATES

1. The current Penn Township and Monroeville ordinances follow the DEP model regulations to the current extent practicable; the Trafford ordinance and the Murrysville ordinance both contain some DEP model regulations but do not include the full extent that Monroeville does.
2. There are some innovative environmental techniques that could be added as supplements to **ALL** of the ordinances to discourage the use of standard pipes and drains and pervious pavement, all of which can degrade overall water quality in the watershed.
3. **All** of the municipalities in the watershed should consider adding incentives or stronger language / more detail regarding progressive solutions that will mimic natural hydrologic functions and decrease the amount of impervious area and stormwater runoff from individual sites. Some of these techniques include:
 - ✓ Green Roofs
 - ✓ Rain harvesting
 - ✓ Downspout disconnections
 - ✓ Planter boxes
 - ✓ Rain gardens
 - ✓ Permeable pavements

- ✓ Vegetated swales
- ✓ “Green” parking – i.e., porous paving, increased landscaping, canopy trees required, etc.
- ✓ “Green Streets”
- ✓ Pocket wetlands
- ✓ Riparian buffers

CASE STUDIES / EXAMPLES OF “BEST PRACTICES,” AS DOCUMENTED BY THE ENVIRONMENTAL PROTECTION AGENCY:

[City of Chicago - Disconnect Your Downspout](#) - Promotes downspout disconnection as one technique to help alleviate flooding and provides basic principles and illustrations for homeowners on how to disconnect their downspouts.

[New York State Stormwater Management Design Manual \(PDF\)](#) - This excerpt from the redevelopment chapter provides information on three versions of stormwater planters: contained planters, infiltration planters, and flow-through planters. It includes sizing and design guidance.

[Stormwater Guidelines for Green Dense Redevelopment, Emeryville](#) - EPA recently supported the City of Emeryville, California in the development of “Stormwater Guidelines for Green, Dense Redevelopment.” Emeryville, which is a suburb of San Francisco, has worked for over a decade on reclaiming, remediating and redeveloping the many brownfields within its borders. The guidelines, and an accompanying spreadsheet model, were developed to make as much use of redevelopment sites as possible for handling stormwater.

[USDA - USFS Report: Conservation Buffers - Design Guidelines for Buffers, Corridors, and Greenways.](#) - This report provides over 80 illustrated design guidelines for conservation buffers synthesized from a review of over 1,400 research publications. Each guideline describes a specific way that a vegetative buffer can be applied to protect soil, improve air and water quality, enhance fish and wildlife habitat, produce economic products, provide recreation opportunities, or beautify the landscape. These science-based guidelines are presented as easy-to-understand rules-of-thumb for facilitating the planning and designing of conservation buffers in rural and urban landscapes. The online version of the guide includes the reference publication list as well as other buffer design resources.

[Parking Spaces / Community Places: Finding the Balance through Smart Growth Solutions \(PDF\)](#) - Describes approaches that can help communities explore new, flexible parking policies that can encourage growth and balance parking needs with their other goals. The report also demonstrates the significance of parking decisions in development patterns and presents case studies of places that are successfully using these strategies.

SMARTCODE / LIGHT IMPRINT

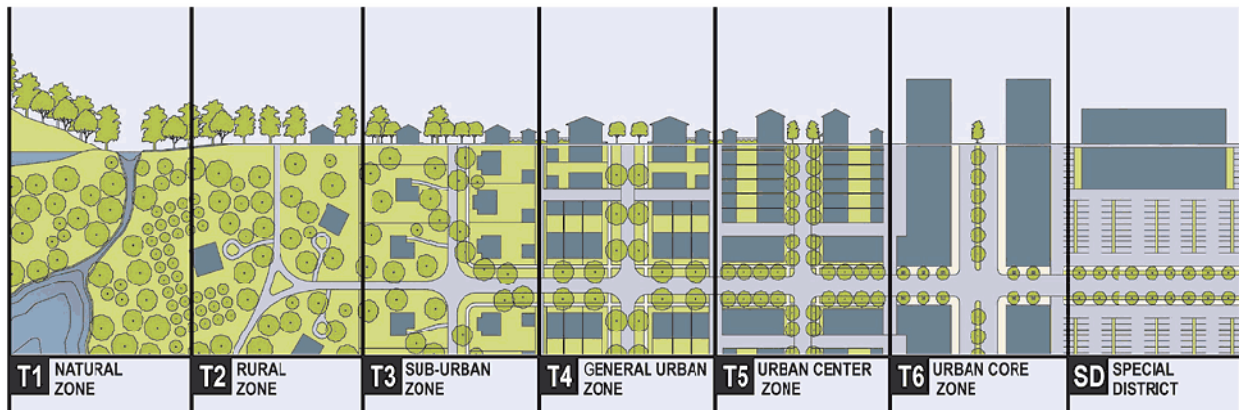
In 1999, the EPA issued regulations for stormwater management for all municipally owned sewer systems in the U.S. While the conventional approach to stormwater management emphasized water collection, piping, storage, and discharge, the EPA regulations advocated a more holistic and proactive set of techniques, known as best management practices (BMP's). These combine some or all of the following:

- ✓ Local and regional planning to manage growth and protect ecologically sensitive areas
- ✓ Site design to minimize land disturbance and paved surfaces, and to buffer water bodies with strips of vegetated land
- ✓ Retention of stormwater with facilities such as detention ponds and dry basins
- ✓ Allowing stormwater to percolate into the soil with infiltration facilities such as trenches and permeable or porous pavement
- ✓ Vegetation that absorbs pollutants and assists percolation, used in facilities such as swales, constructed wetlands, and rain gardens

A subset of BMP's is low-impact design (LID) or environmentally sensitive design (ESD). The goal of LID is to emulate the hydrology of a site / watershed in its natural state. LID techniques can include green roofs, cisterns, rain gardens, permeable pavement, and swales. LID techniques are usually less costly than conventional practices and often perform better. Regulators are moving to require these techniques in all land development regulations.

However, the best way to reduce stormwater impacts is well-designed urban density in conjunction with regional planning that preserves natural land. Compact, walkable urbanism is by far the best way to mitigate stormwater runoff, particularly when considering the region or watershed as a whole. Many progressive communities and regions are embracing a transect-based approach to density and, by proxy, stormwater.

The transect is a system of classifying urban environments from rural to urban, according to intensity and character. This diagram by Duany Plater-Zyberk is the classic representation of the concept:



Transect zones on a spectrum from rural to urban. The diagram is generic and does not represent an actual place or specific recommendation. Image credit: Duany Plater-Zyberk & Company and Center for Applied Transect Studies

The goal of transect-based planning is to serve a variety of preferences for urban environments, delivered in neighborhoods that are compact and complete. Each environment has an identifiable character that results from the coordination of urban design elements in an internally consistent manner. These environments are called transect zones, and they range in size from a few acres to tens of acres. Good neighborhoods are composed of three or more transect zones.

The goal of new regulations such as those propagated in Light Imprint is to propose water management solutions that will work over the long-term. While LID techniques such as green roofs and rain gardens are included in regulations, they are not overemphasized; other tools such as requiring small park areas, street trees, pools, drains, masonry troughs, and paving treatments are also important considerations. Light Imprint techniques promote “trains of treatment” – i.e., linking BMP’s in a functional series that applies water treatments sequentially instead of across the board. Each solution is based upon the appropriate transect zone in which it is located, and draws upon more natural, durable, and less costly solutions as opposed to intrusive and over-engineered solutions. The Light Imprint Toolbox Matrix presents a wide range of stormwater solutions, and allocates each one to the transect zones for which it is best suited. The key is that lower-intensity zones can easily retain and absorb stormwater, while in higher-intensity zones the difficulty and cost of retaining stormwater is much greater. Lower-intensity zones can retain extra stormwater, thereby balancing the runoff generated by higher-intensity zones.

Other Case Studies and Examples:

The West Virginia statewide stormwater permit reduces requirements for projects that are redevelopment, high-density development, or transit-oriented development.

http://www2.wvdep.org/dwwm/stormwater/MS4_docs.htm

Reference Used for This Section: <http://www.lightimprint.org/>,
<http://transect.org/docs/RegionalWatersheds.pdf> and <http://www.smartcodecentral.com/>



Appendix O—Rain Garden Frequently Asked Questions

Rain Garden Frequently Asked Questions

Why are you giving away free rain gardens?

Because rain gardens help to reduce flooding...and flooding has been a problem in and around Ramsay Terrace.

Rain gardens also have other good qualities. They reduce pollution in our streams. And they make our homes and neighborhoods more attractive.

Where does the money for the free rain garden program come from?

Mount Pleasant Borough has received a grant* to design, install, and landscape up to 40 rain gardens in and around Ramsay Terrace with other locations possible at a later time.

What exactly is a rain garden?

A rain garden is a special kind of landscaping with perennial flowers, shrubs, and/or small trees.

It is attractive – and it has a purpose: to help reduce flooding.

How does it work?

Some of the rain water from outside your home that's now going into the storm drain system will go instead to the rain garden.

One easy way to do this is to redirect one of the downspouts from your roof so that the water goes to the rain garden.

In the rain garden, water slowly sinks into the ground and collects in a shallow, unseen trough underneath the plants.

The plants use this water to grow, and any water left over slowly filters into the ground nearby.

Is it like a pond?

No. Even though it is called a rain garden, the ground in the garden does not stay wet.

During some storms, a little standing water – maybe a few inches – can collect in a rain garden. However, this water begins to sink into the ground very quickly.

If there is standing water in the garden, it normally will sink into the ground over the course of a few hours. In a very heavy storm, this will take longer, but typically no more than a couple of days.

Will it create a wet spot in my yard?

No. Water will not spill out of the rain garden and into your yard.

If you have wet spots in your yard now, a rain garden may help reduce them.

What about mosquitoes?

A rain garden does not breed mosquitoes.

Mosquitoes need 7-12 days to lay and hatch eggs. After most rain storms, any standing water in your rain garden will be gone in just a few hours.

Will a rain garden make my basement damp?

No. We will carefully locate your rain garden to be sure that it doesn't allow the infiltrating water to seep into your foundation.

Will it make it difficult to mow my yard?

No. You will be able to cut the grass right up to the edge of the rain garden.

How big will the rain garden be?

The average size will be about 10 feet by 20 feet, and most likely it will be an oval shape.

The specifics of your particular property – existing trees, slope of the yard, location of utility lines, soil type, etc. – will determine the exact size and shape of your rain garden.

What plants will be in the rain garden?

The Westmoreland Conservation District is coordinating the design, installation, and landscaping of the rain gardens.

The Conservation District has several different garden designs, and the plants in each have been chosen so that they complement each other and create a visually pleasing garden.

Most gardens will have a combination of perennial flowers, small shrubs, and/or small trees – all of which are hardy in our area.

How do I care for the rain garden?

Basically, not much care is required – some weeding, maybe a little pruning and, if there is no rain, occasional watering.

What if I don't know a weed from a flower or how to tend the plants in the rain garden?

If you have a rain garden, you also will receive information on how to care for it. But, as stated in the previous answer, not much care is required.

A person will be available during construction of the rain garden to answer any questions you might have. Afterward, the Westmoreland Conservation District has a landscape architect on staff who can help you.

What if the plants in my rain garden die?

Plants in the rain garden should do well, and will be guaranteed for a period of time against natural problems.

However, if they should fall victim to some natural cause during this guarantee period, and need to be replaced, they will be replaced at no cost to you.

When will the rain gardens be installed?

Installation of the rain gardens is scheduled to start in early summer, 2010.

How long will it take?

An average rain garden will take about a week to install.

What do I have to do to get a rain garden?

Fill out the enclosed "Interest Form" and return it to the Westmoreland Conservation District no later than Monday, March 15.

Once the Conservation District receives your form, a representative will contact you and make arrangements to come to your home to look at your yard.

During this visit, he will discuss the program with you and evaluate whether or not your property is suitable for a rain garden.

Funds for this free rain garden program are limited, so the locations of the gardens will be determined on a first-come, first-served basis to those residents of Ramsay Terrace and nearby streets who meet the conditions of the program.

**Funding for the rain gardens is being provided by the Pennsylvania Department of Environmental Protection through Section 319 of the Federal Clean Water Act administered by the U.S. Environmental Protection Agency. The Richard King Mellon Foundation is providing funding for the public information meetings and outreach.*