

Caching with The Conservancy



Sponsored by the Westmoreland Conservancy
and the Municipality of Murrysville

Westmoreland Conservancy



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Geocaching Sudoku Answer

This game is played like traditional sudoku except that the letters G-E-O-C-A-©-H-ε-R are used in place of the numbers 1-9.

©	R	O	E	H	A	ε	G	C
A	ε	G	R	©	C	H	E	O
C	E	H	O	ε	G	R	A	©
E	A	©	ε	C	O	G	R	H
ε	O	R	G	E	H	C	©	A
G	H	C	©	A	R	E	O	ε
H	C	E	A	G	©	O	ε	R
O	G	A	C	R	ε	©	H	E
R	©	ε	H	O	E	A	C	G

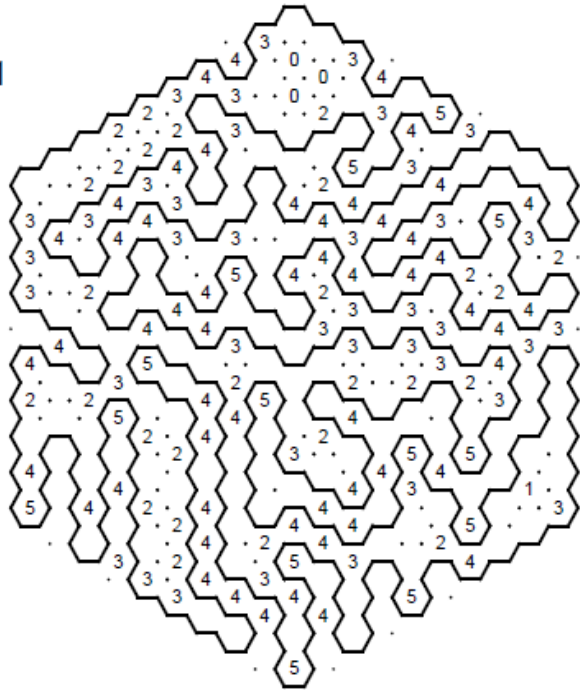
Rainbow Hydrothermal Vents
(GCG822) is located 2300
meters below sea level.
N 36° 13.800 W 033° 54.200



Honeycomb Slitherlinks Answer



#1



Letter from the president (Shelly Tichy)

First visible page

Letter from Mayor Robert Brooks

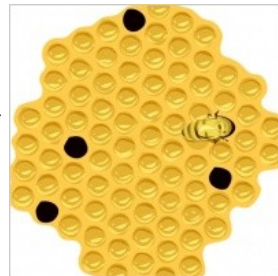
Honeybees live in hives or colonies of about 20,000 – 100,000 bees.

A hive consists of one queen, hundreds of drones (male) and thousands of workers (female).

A queen bee can lay up to 1500 eggs per day.

Bees feed their young pollen and honey.

Colony collapse disorder, when workers disappear from their hive, is a growing problem in the US.



Contact Us

Westmoreland Conservancy

Website: <http://www.westmorelandconservancy.org>

Email: contact@westmorelandconservancy.org

Address: PO Box 446, Murrysville, PA 15668

Find us on Facebook:

<http://www.facebook.com/l/b00dc:groups.to/westmorelandconservancy/>

Flickr: <http://www.flickr.com/groups/westmorelandconservancy/>



Municipality of Murrysville

Website: <http://www.murrysville.com/>

4100 Sardis Rd.

Murrysville, PA 15668

Phone: 724-327-2100

Hours: Mon - Fri 8:00 - 5:00

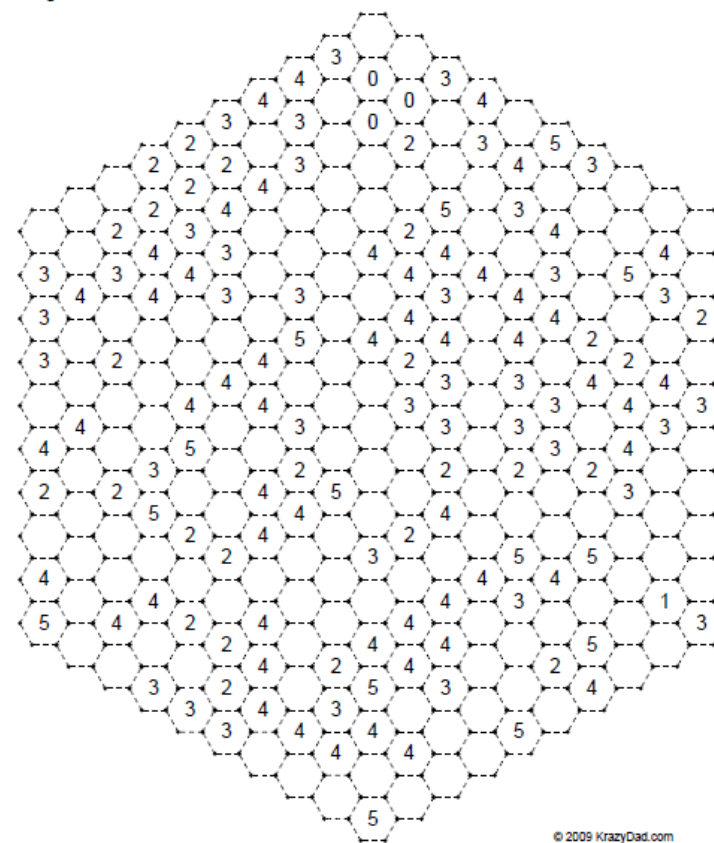


Honeycomb Slitherlinks

Puzzle #1

Honeycomb Slitherlinks by Krazydad

Tough



© 2009 KrazyDad.com

Fill in some of the dotted line segments to form a meandering path that forms a single loop. The path does not cross itself, branch, or touch itself at corners. The numbers indicate how many line segments surround each cell. Empty cells may be surrounded by any number of line segments.

There is one unique solution, and you should be able to find it without guessing. You may find it helpful to mark segments that cannot be filled in.

There are 10,000 – 20,000 species of bee.

Bees communicate the location of food using dances.

**The Westmoreland Conservancy would like to thank the
sponsors of this event**

Hoss's Steak and Seafood House
Municipality of Murrysville
Pittsburgh Area Geocaching Association (PAGA)
SLAM: Sportsman Land Owners Alliance of Murrysville
Westmoreland Conservancy

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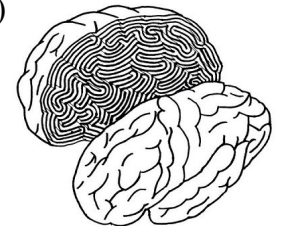
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Geocaching Sudoku

This game is played like traditional Sudoku except that the letters G-E-O-C-A-©-H-ε-R are used in place of the numbers 1-9.

©								
		G			C			O
C		H	O		G			©
E			ε	C			R	
		R	G	E	H	C		
	H			A	R			ε
H			A		©	O		R
O			C			©		
								G

How to play sudoku: The object of sudoku is to fill the empty cells with the missing letters. Each letter appears in each 3X3 region (heavy black outlines) once, each column once, and each row once.



Invasives in Pennsylvania

By ?

Introduction to Geocaching

By Rich Moore (SCPORich)

What on earth is geocaching? Well, a better question might be, “WHERE on earth is geocaching?” Geocaching is a sport whose goal is to find hidden treasures using a Global Positioning Satellite Receiver (We shorten that to GPSr). There are currently over a million caches hidden throughout the world, and the game is to find them. Well, maybe not all of them...

The basics of the game are that someone hides a container somewhere, posts the latitude and longitude on an internet site, and people go out and find the container. After the find, a player will sign a log found in the cache, then post the find and any details of the hunt on the internet site.

So what is this “cache”? Simply put, it is a container, usually waterproof, that holds (at minimum) a log to sign saying that you have found it. It is usually camouflaged to its environment and/or hidden under, in, or behind something. Sometimes, you will have to decode a puzzle or find another cache to discover the final coordinates of the cache. When you do find it, the cache will sometimes (depending on its size) contain some trading items, called swag, that you can swap out.

It may seem like the GPSr will take you right to it, but there is usually a 10-15 foot area that you will have to search, and it is always hidden from sight in one way or another.

This is a sport with something for everyone! Some people like the thrill of the hunt and the find. Some like trading the swag. Some like to intricately plan a trip, and some like to geocache on the spur of a moment. Some love the woodsy parks and country, and some like the urban hiding environment.

The real fun of the sport is finding new and interesting places that you never would have gone to otherwise. So, grab a GPSr and let's get started, and perhaps we will meet at the hunt!

Introduction to the Westmoreland Conservancy

The Westmoreland Conservancy is a non-profit land trust located in Murrysville, Pennsylvania; about 20 miles east of Pittsburgh in Westmoreland County. The organization was founded in 1991, and has always been run by community volunteers. The purpose of the Westmoreland Conservancy is to acquire and preserve rural and rustic land for the public good.

The Westmoreland Conservancy has preserved 273 acres of land in the Murrysville area. Hiking trails are provided on most of the Conservancy's nature reserves for the enjoyment of the public. The Westmoreland Conservancy also participates in educational outreach activities, the most recognized of which is a popular exhibit at the annual Community Day.

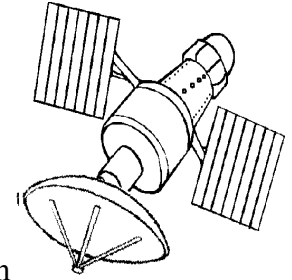
All of our reserves are freely open to the public for the enjoyment of nature. No structures, roads nor athletic playing facilities are permitted. Trails are made for the enjoyment of visitors.

Since our founding in 1991, the Westmoreland Conservancy has been instrumental in the preservation of 270 acres of open space for the enjoyment of future generations. A total of 118 acres are the result of beneficial gifts. As an organization, the Westmoreland Conservancy is dedicated to preserving rural and rustic open spaces for the benefit of community residents. The generosity of the community and the friends of Murrysville is making that goal a reality.



Geocaching Terms and Acronyms

BYOP	Bring your own pen(cil)
CITO	Cache In, Trash Out
DNF	Did not find
D/T	Difficulty/Terrain
FTF	First to Find
GC.com	Geocaching.com
GPS	Global positioning system
GZ	Ground zero (near the cache)
PAF	Phone a friend (for help!)
PnG	Park and Grab
PQ	Pocket Query
SL	Signed log
TFTC	Thanks for the cache
TFTH	Thanks for the hide
TNLN	Took nothing, Left nothing
UTM	Universal Transverse Mercator



Discovered	Saw a trackable, but did not move it
Earthcache	Virtual cache with a geology theme
GC number	ID code on geocaching.com
Geodog	Canine cacher
Geosense	“Instinct” guiding a cacher
Geotrail	Path left by previous cachers
HuckleBuckle	Word used to indicate a find without telling others in the group where the cache is located
Jagger	Plant with thorns
Log(physical)	Paper in the cache to write your name
Log(electronic)	Note your visit on the cache page
Micro	A very small cache container
Muggle	Non-geocacher
Multi-cache	Cache that has multiple stages
Nano	A very, very small cache container
Regular	Traditional geocache
Smiley	Happy face indicating a find
Swag	Goodies for trade
Waypoint	Location of something important. e.g. parking

Local Geocaching Resources

BACON <http://bacon.freeforums.org/index.php>

JAGA <http://jaga.geogroups.org/>

OVGEO <http://www.ovgeo.com>

PAGA <http://www.wpaga.com>

TRIGO <http://www.trigocaching.org/forum/>

Other sites of interest

Earthcache <http://www.earthcache.org/>

Earthtrek Project <http://www.goearthtrek.com/>

Geocaching.com <http://www.geocaching.com>

GSAK <http://www.gsak.net>

Letterboxing <http://www.letterboxing.org/>

Local Sources for Geocaching Supplies

PAGA Store <http://www.wpaga.com/geoshop/>

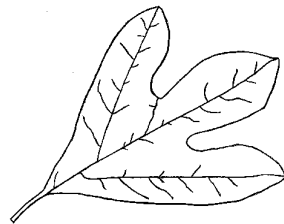
REI – Settler's Ridge

Log this event!

<http://tinyurl.com/CachingwiththeConservancy2010>

GC24H90

See you on the trails!



Schedule of Events

Registration/Information (Upper Pavilion, Townsend Park)

7:00 am – 4:30 pm

Register here for all space limited activities

Temporary Geocaches (Various Locations, Murrysville)

7:00 am – 5:30 pm

Presentations (Lower Pavilion, Townsend Park)

8:00 am Welcome Address (S. Tichy)

8:20 am Murrysville Mayor Address (R. Brooks)

9:00 am An introduction to Geocaching (J. Batronis??)

10:00 am Hiding your first earthcache (M. Porembka)

11:00 am Taking Motion-Activated Wildlife Video (B. Powers)

1:00 pm Solving Puzzle Caches: hints & tips (M. Berman)

2:00 pm Conservancy Corners reading (S. Tichy)

3:00 pm Hiding your first cache (A. Freed)

4:00 pm Taking effective nature photos (S. Kwaja)

Hikes (Westmoreland Conservancy Reserves)

Please be at the designated reserve at least 15 minutes before the start of the hike as all hikes will begin promptly.

9:30 am Bird Watching? ()

11:30 am Forbes Trail (Murrysville Hist. Preservation Soc.??)

2:30 pm Tree Identification (C. Fink) ____ Reserve

3:30 pm Finding a cache (R. Whisner, G. Kriek, H. Williams, C. Sofko, K. Vanderwater?, J. Boudreau?)

Space is limited. Registration is required

Geocaching Competition (Gazebo, Townsend Park)

Sponsored by the Borough of Murrysville

Space is limited. Registration is required

Breakfast

7 am – 9 am Complimentary coffee, tea, bagels and doughnuts

Lunch (Lower Pavilion, Townsend Park)

11 am – 3 pm Hot dogs provided by SLAM

11 am – 1 pm **PAGA Store** (geocaching supplies)?

Picnic & Raffle

5:30 pm (Lower Pavilion, Townsend Park)

You must have a name tag (pre-registered) to attend the picnic.

Tables (All day, Upper Pavilion, Townsend Park)

First Aid: Emergency Services

Courtesy of Greg Bergman (Bergie Bunch) and Medic One

Nature Crafts:

Seed planting

Sponsored by Murrysville Garden Club/Jr. Garden Club

Myra Mamo, 724-733-1300.

mmamo@comcast.net

Pine cone bird feeders

Craft table manned by Girl Scout Troop XX

Geocaching Crafts:

Make a poptop cache

Craft table manned by Girl Scout Troop XX

Animals of Pennsylvania Display

Courtesy of SLAM

Motion-activated wildlife videos?

Courtesy of PixController

Who's scat is that?: Animal calling cards you may see.

Table manned by Boy Scout Troop XX

Orienteering

by Boy Scout Troop XX

Upcoming Westmoreland Conservancy Events

May 27 Board Meeting 7 pm, Murrysville Library

June 6 Townsend Habitat Walk (in conjunction with MTA)

June 19 Caywood Reserve Walk

June 24 Board Meeting 7 pm, Murrysville Library

July 3 Pleasant Valley Walk (in conjunction with MTA)

July 17 Tomer Reserve Walk

August 1 Duff Park Walk (in conjunction with MTA)

August 14 King/Potter Reserve Walk

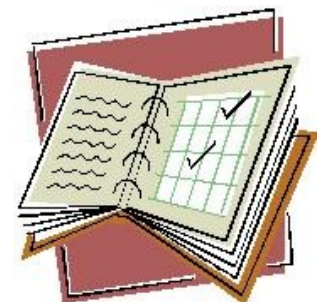
September 4 Kellman Reserve Walk

September 19 Walter Reserve Walk

Upcoming Municipality of Murrysville Events

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

Upcoming Geocaching Events?



Notes:

Common Trees Of Pennsylvania

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l d a i l p n o a u b r a r e n g p e b y o
f u i e i a o r l o e c l i i k l e e k d t
p l l n l p l w g a p y o t a a e h y g u s
h c o l o r a d o b l u e s p r u c e n a l
a a n w e o a p n s u i e k e e p r l t a m
k v g v e a s t e r n r e d c e d a r l c w
h e a e i r o e p r c i e u a u w l s l h r
k e m c l r i u s g b a i w u k b n s s o e
i s r e f e g n a h c i t o c l d a a i k n
m r e a w d p i g u b s r a a a o c r l e t
t o b e i m u p n d u r l c l u u i f v c e
k u m p t u e e i i o b k i h p n r a e h r
e n u t c l v t k g a g s a p r a e s r e o
u t c a h b d r a t u p w y o p h m s m r k
r f u n h e o u m u e i o c f e a a a r w
i s c u a r t e q e o n n n o a l r s p y r
r e i u z r t u l i p t r e e d m r y l l a
a h o n e y l o c u s t e e n p a o l e i p
a r e d l e x o b a y r r m t y s r r c l n
a h l r l b k a o e t i h w r t e i o e a m
e p g o b w s t e a r o l a a m u r z o u e
e i b g u h o b l d t c o c u m r b a m z s
    
```

- | | | |
|-------------------|-------------------|----------------------|
| American Larch | Black Gum | Black Walnut |
| Box Elder | Buckeye | Butternut |
| Catalpa | Choke Cherry | Colorado Blue Spruce |
| Cucumber Magnolia | Eastern Red Cedar | Flowering Dogwood |
| Honey Locust | Oak | Paper Birch |
| Pin Oak | Quaking Aspen | Red Mulberry |
| Sassafras | Silver Maple | Slippery Elm |
| Sycamore | Tree of Heaven | Tulip Tree |
| Virginia Pine | White Oak | Witch Hazel |

One tree can absorb as much carbon in a year as a car produces while driving 26,000 miles.



Parking and Temporary Geocache Coordinates

Notes:

Parking Coordinates:

Townsend Park (Upper Pavilion)..... N 40° 27.691 W 079° 40.420
Townsend Park (Lower Pavilion)..... N 40° 27.621 W 079° 40.499
Caywood..... N 40° 27.611 W 079° 38.295
King/Potter..... N 40° 27.212 W 079° 39.454
McGinnis..... N 40° 28.830 W 079° 40.354
Tomer:..... N 40° 28.500 W 079° 40.719
Walter..... N 40° 27.427 W 079° 37.059
Historic Well..... N 40° W 079°
Murrysville Community Park Upper..... N 40° 27.4369 W 079° 37.589
Murrysville Community Park Lower..... N 40° 27.242 W 079° 37.567
Forbes Trail Monument..... N 40° 25.731 W 079° 41.836
Please do not park in the church's parking spots.

Conservancy Reserve Temporary Geocache Coordinates

Caywood.....N 40° W 079°
King.....N 40° W 079°
McGinnis.....N 40° W 079°
Potter.....N 40° 27.213 W 079° 39.543
Tomer.....N 40° W 079°
Walter.....N 40° W 079°

Murrysville Historic Site Temporary Caches

Forbes Trail Monument.....N 40° 25.711 W 079° 41.846
Historic Well.....N 40° W 079°
Murrysville Community Park.....N 40° W 079°

Children's Reserve Temporary Cache Coordinates

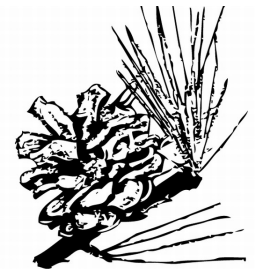
Caywood.....N 40° W 079°
King.....N 40° W 079°
McGinnis.....N 40° W 079°
Potter.....N 40° W 079°
Tomer.....N 40° W 079°
Walter.....N 40° W 079°

Children's Historic Site Caches

Forbes Trail.....N 40° W 079°
Historic Well.....N 40° W 079°
Murrysville Community Park.....N 40° W 079°

Gazebo

Gazebo, Townsend Park.....N 40° 27.717 W 079° 40.432



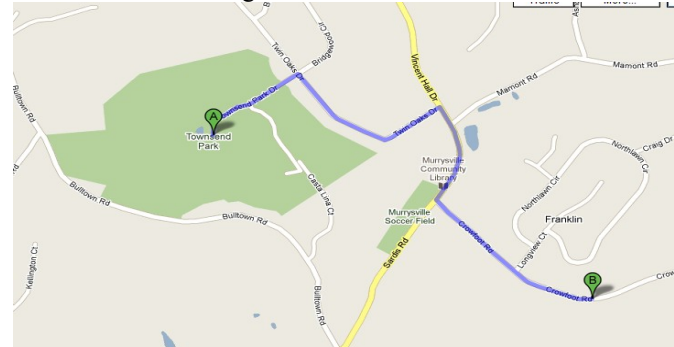
Murrysville Road Map and Directions

Townsend Park to:

King/Potter: N 40° 27.212 W 079° 39.454

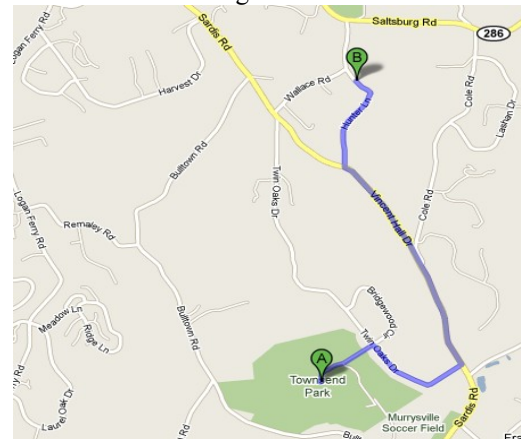
1.5 mi – about 4 mins

1. Head N on Townsend Park Dr/Ct toward Twin Oaks Dr 0.3 mi
 2. Take the 2nd right onto Twin Oaks Dr 0.5 mi
 3. Turn right at Sardis Rd/Vincent Hall Dr 0.3 mi
 4. Take the 2nd left onto Crowfoot Rd. 0.5 mi
- Destination will be on the right



McGinnis: N 40° 28.830 W 079° 40.354

1. Head north on Townsend Park Dr/Ct toward Twin Oaks Dr 0.3 mi
 2. Take the 2nd right onto Twin Oaks Dr 0.5 mi
 3. Turn left at Sardis Rd/Vincent Hall Dr 1.0 mi
 4. Take the 2nd right onto Hunter Dr/Ln. 0.5 mi
- Destination will be on the right



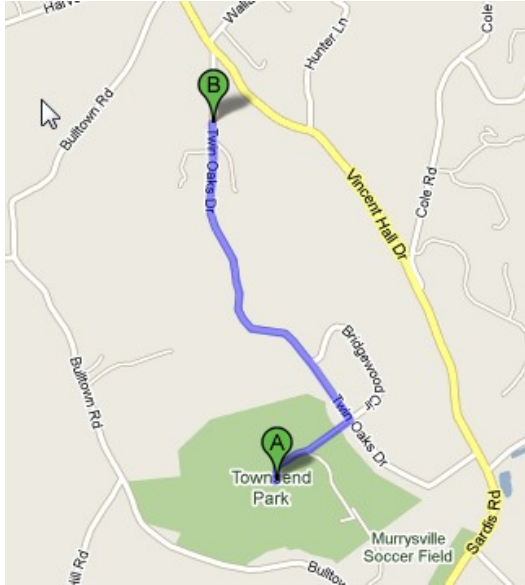
The one millionth geocache was published on March 8, 2010.

Murrysville Road Map and Directions

Townsend Park to:

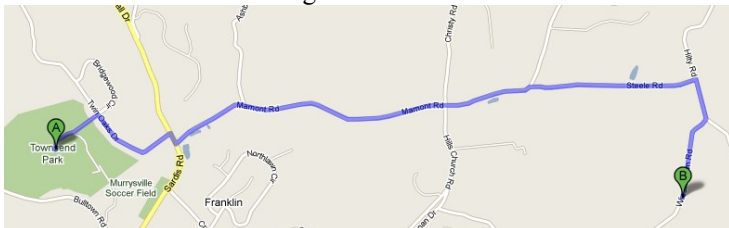
Tomer: N 40° 28.500 W 079° 40.719

1. Head north on Townsend Park Dr/Ct toward Twin Oaks Dr 0.3 mi
2. Take the 1st left onto Twin Oaks Dr 1.0 mi



Walter: N 40° 27.427 W 079° 37.059

1. Head north on Townsend Park Dr/Ct toward Twin Oaks Dr 0.3 mi
 2. Take the 2nd right onto Twin Oaks Dr 0.5 mi
 3. Turn right at Sardis Rd/Vincent Hall Dr 308 ft
 4. Take the 1st left onto Mamont Rd 1.8 mi
 5. Slight right at Steele Rd 0.8 mi
 6. Turn right at Hilty Rd 0.2 mi
 7. Take the 1st right onto Wiestertown Rd 0.4 mi
- Destination will be on the right



Reserve Hikes:

Bring your collectible cards to the information table to get that block stamped below. One stamp per reserve or hike.

Each stamp will earn one raffle ticket.

<p>Tree Identification Hike</p> <p>Cyndi Fink ____ Reserve</p>	<p>?</p>
<p>Bird Watching Hike?</p>	<p>Intro to Geocaching</p> <p>All reserves Pre-registration required</p>

In every walk with nature
one receives far more than he
seeks.


– John Muir



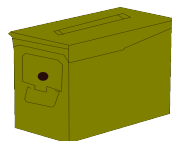
Murrysville Temporary Geocaches

Bring your collectible cards to the information table to get that block stamped below. One stamp per reserve or hike.

Each stamp will earn one raffle ticket.

<p>Townsend Park</p> 	<p>Forbes Trail Monument</p> <p>Bring the codeword to get your stamp and collectible card.</p>
<p>Murrysville Community Park</p>	<p>Historic Well</p>

Collect all ten temporary caches to earn an extra raffle ticket.

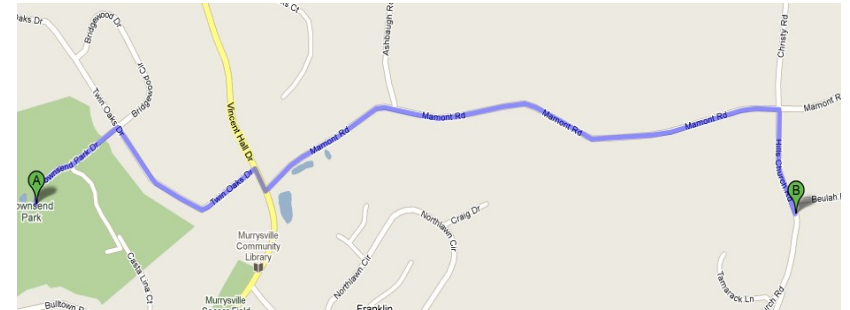


Murrysville Road Map and Directions

Townsend Park to:

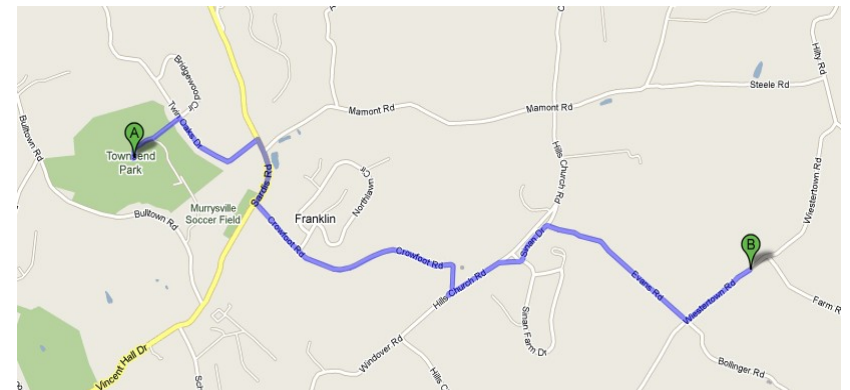
Caywood: N 40° 27.611 W 079° 38.295

1. Head north on Townsend Park Dr/Ct toward Twin Oaks Dr 0.3 mi
2. Take the 2nd right onto Twin Oaks Dr 0.5 mi
3. Turn right at Sardis Rd/Vincent Hall Dr 308 ft
4. Take the 1st left onto Mamont Rd 1.4 mi
5. Turn right at Hills Church Rd
- Destination will be on the left 0.2 mi



Murrysville Community Park: N 40° 27.242 W 079° 37.567

1. Head north on Townsend Park Dr/Ct toward Twin Oaks Dr 0.3 mi
2. Take the 2nd right onto Twin Oaks Dr 0.5 mi
3. Turn right at Sardis Rd/Vincent Hall Dr 0.3 mi
4. Take the 2nd left onto Crowfoot Rd 1.2 mi
5. Sharp left at Hills Church Rd 0.3 mi
6. Slight right at Sinan Dr 0.3 mi
7. Take the 2nd right onto Evans Rd 0.8 mi
8. Take the 1st left onto Wiestertown Rd

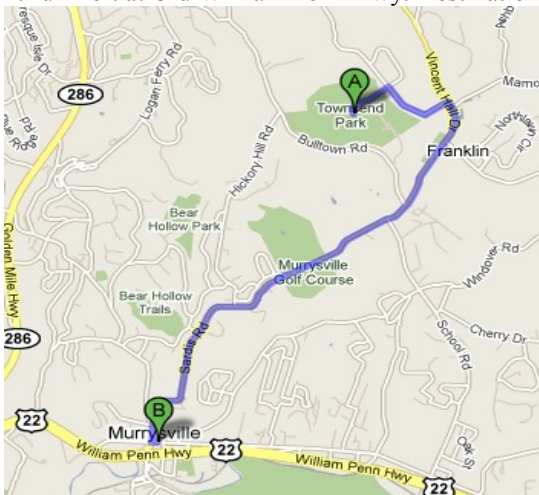


Murrysville Road Map and Directions

Townsend Park to:
[Historic Well](#)

Forbes Trail: N 40° 25.731 W 079° 41.836

1. Head north on Townsend Park Dr/Ct toward Twin Oaks Dr 0.3 mi
2. Take the 2nd right onto Twin Oaks Dr 0.5 mi
3. Turn right at Sardis Rd/Vincent Hall Dr 3.2 mi
4. Turn left at Old William Penn Hwy. Destination will be on the left



Westmoreland Conservancy Temporary Geocaches:

Bring your collectible cards to the information table to get that block stamped below. One stamp per reserve or hike. Each stamp will earn one raffle ticket.

Caywood Reserve	King Reserve
McGinnis Reserve	Potter Reserve
Tomer Reserve	Walter Reserve

Picking Trillium for their flower can seriously injure the plant. The three leaves (more correctly leafy bracts) below the flower are the plant's only ability to produce food stores and a picked trillium can take many years to recover.

