

PENNSYLVANIA ONE CALL MEMBER MAPPING

Improve Processes – Save Time – Cut Costs

www.paonecall.org/membermapping

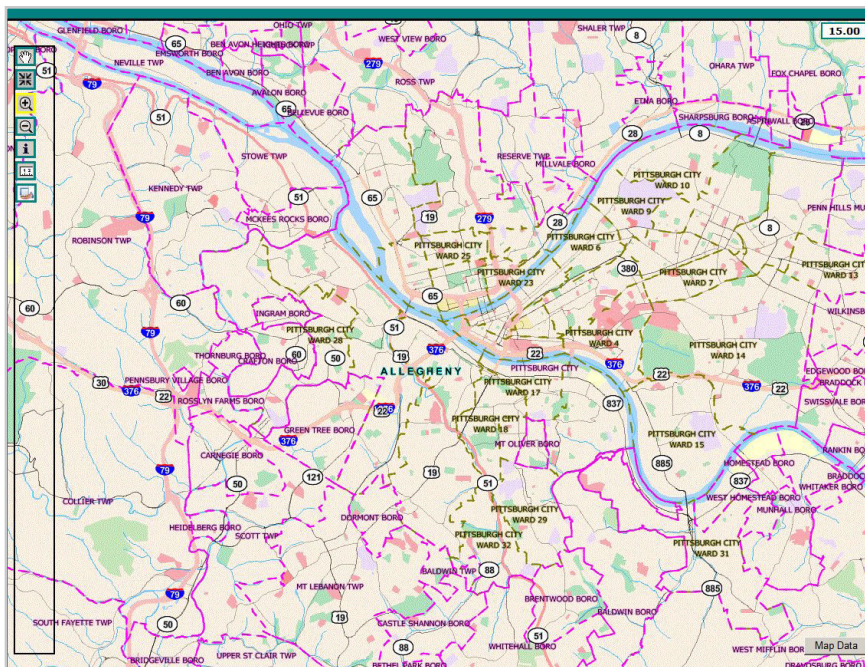


Facility Owner Members

... Did You Ever Think About ...

- ☐ Avoiding notification in places where your organization has no underground facilities?
- ☐ Saving some time in responding to notifications?
- ☐ Reducing the number of emergency calls received at all hours, and in places with no facilities?
- ☐ Avoiding unnecessary locator dispatch?

Do You Have Any Check Marks?



Member Mapping May Be the Answer!

Member Mapping with PA One Call

What is Member Mapping?

Member Mapping is an online tool developed by PA One Call to help facility owner members reduce the number of notifications they receive. Member Mapping is available to facility owner members at no charge to refine their notification areas using map objects instead of municipal boundaries. Member Mapping is designed to reduce the number of locate request notifications received as well as maintain the same high standards of damage prevention.

Over 1,200 facility owners use Member Mapping for an average reduction in the number of locate request notifications transmitted of 69%. These are the tickets you will never see, nor need to respond to, saving you handling costs.

Why is Receiving Fewer Notifications Important to Me?

Using Member Mapping will save time and therefore money by:

- increasing the relevance of tickets received
- reviewing fewer maps for line conflicts
- no locator dispatch required on screened tickets
- responding only for notifications received
- handling fewer emergency tickets after hours

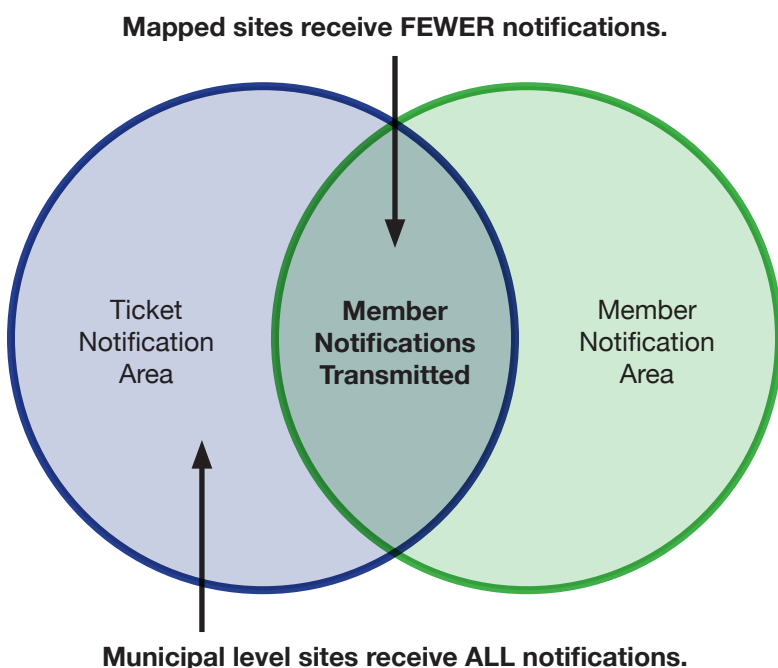
Excavators are not expecting a response from your company on tickets screened by Member Mapping.

Member Mapping can work for companies that have internal GIS systems and those that don't. The application has tools to upload GIS data and/or draw notification areas manually.

How Does Member Mapping Work?

One Call notification requests — created by Customer Service Representatives (CSRs) or Web users via the Web Ticket Entry (WTE) application have defined excavation sites drawn on maps 99.9% of the time. This is the Ticket Notification Area.

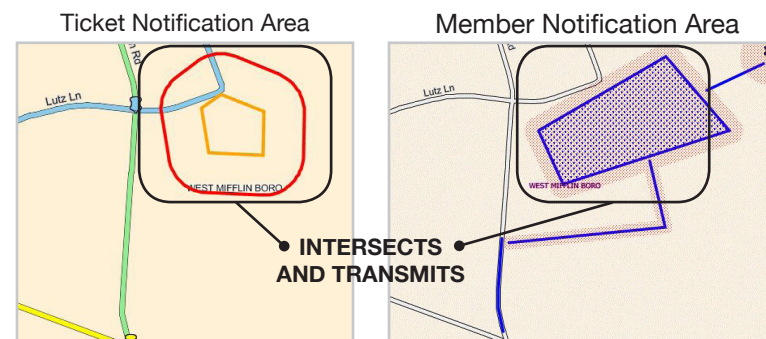
A facility owner uses Member Mapping to identify where they wish to be notified for locating their underground facilities. This is the Member Notification Area.



PA One Call software compares the Ticket Notification Area against the Member Notification Area. This process identifies which notifications to transmit to a Mapping Member based on the maps they defined. Members who do not use Member Mapping receive all notifications in the municipality.

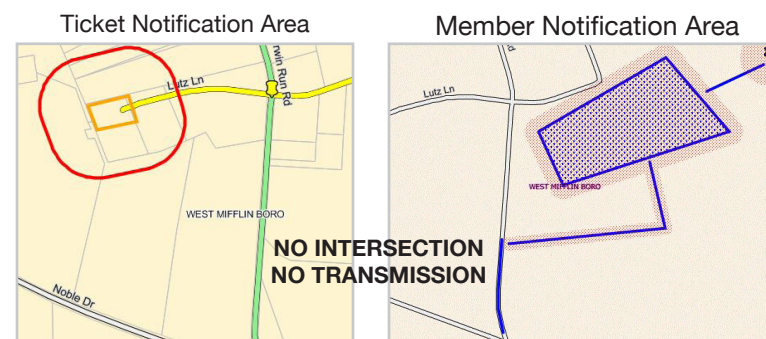
Two Notification Areas Work Together

Example 1



When both map sites intersect, PA One Call transmits a notification

Example 2



When both map sites DO NOT intersect, no notification is transmitted

How Secure is My Facility Map in Member Mapping?

Member Mapping authenticates to the PA One Call network using an https secure connection. Facility owner maps stored on our servers are not available to any other user company. Each company has exclusive access and control of their own facility map data and Member Notification Areas.

What do I need to get started?

Use of the Member Mapping application begins with an account on the PA One Call website. If you do not yet have a PA One Call web account, go to: www.paonecall.org, select Applications, and How to Create an Account.

Security roles can be assigned on a per-user basis determined by the company representative. Available roles are Reader, Writer, and Approver. The Company Representative can grant a role to any user needing access to view or change the maps for your company.



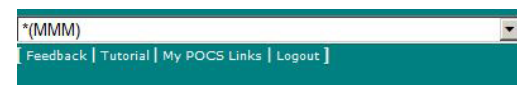
Tools

Launching Member Mapping



Sign in to www.paonecall.org

Go to Applications, click on My POCS Links and then Member Mapping.



If you have multiple CDCs, select the one to be edited in the top left. Note the links to send [feedback](#), view a [tutorial](#), [return to your POCS Links](#) to work in another application, or [logout](#). Use the tutorial to get a detailed description of the available tools outlined below.

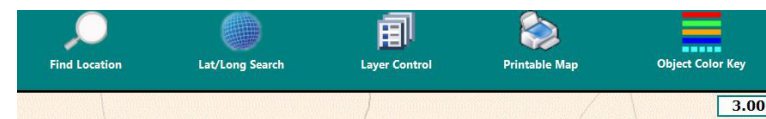
Exploring Member Mapping Tools

In the lower left, find map [navigation tools](#) to *pan*, *center*, *zoom in*, *zoom out*, *get information*, *measure*, or view a *facility object breakdown report* – summarizing your map status by municipality.



When zoomed in three miles or less, [manipulation tools](#) permit drawing a *polygon*, *line* or *point*, or a line on *all roads within a polygon* to represent your facilities and also *delete* an object. You can also approve a municipality for activation, *un-approve*, *save* objects, and *undo* your last action from this toolbar.

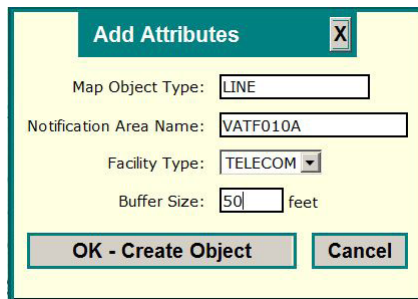
[Search tools](#) include the *Find Location*, *Lat/Lon Search* – enter specific information to find a site. To display map features, use the *Layer Control*. A *Print Map* tool is available, and an *Object Color Key* keeps the map object colors clear as you edit map objects.



Mapping


Steps for Creating Facility Objects

- Use the navigation tools to *find the place on the map* where you will create this facility object
- *Zoom in to 3 mile extent or lower* to activate the map manipulation tools
- *Select one of the drawing tools and create your facility* on the map, double-clicking to complete the map object
- A window to *add facility object attributes* appears




The 'Add Attributes' dialog box contains the following fields and controls:

- Map Object Type:
- Notification Area Name:
- Facility Type:
- Buffer Size: feet
- Buttons: 'OK - Create Object' and 'Cancel'

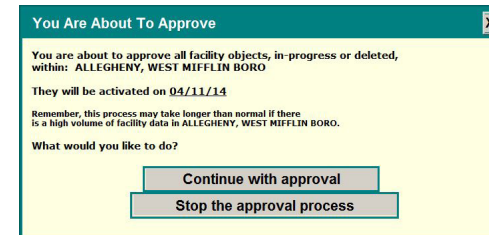
- The object type is the drawing tool used to create the object
- Name is an optional field used to specifically identify objects
- If your company has multiple facility types, select the appropriate type from the dropdown
- The buffer size is entered in feet. The default buffer size is 0 feet and the maximum size is 2,500 feet. Buffers are limited to the bounds of a municipality
- *Delete* individual objects with the X icon 

Save Your Map

- The disk icon saves your work to the map – once saved, the object is ready to be approved 

Approving Facility Objects

- *Approve* a municipality with the thumbs up icon 



The 'You Are About To Approve' dialog box contains the following text and controls:

You are about to approve all facility objects, in-progress or deleted, within: ALLEGHENY, WEST MIFFLIN BORO

They will be activated on 04/11/14

Remember, this process may take longer than normal if there is a high volume of facility data in ALLEGHENY, WEST MIFFLIN BORO.

What would you like to do?

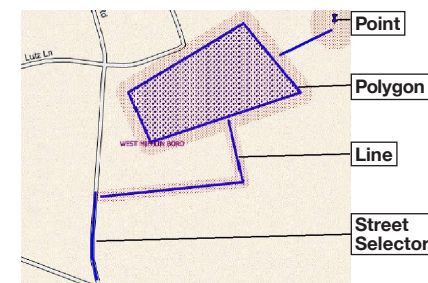
Buttons: 'Continue with approval' and 'Stop the approval process'

- *Un-approve* a municipality with the thumbs down

The Map Object Color Key Shows Object Status

The following colors are used to indicate the current processing status of map objects.	
New Object ()	Red – new object is being created and has not yet been saved
In-Progress, Pending Approval ()	Green – the object(s) is saved and is pending approval
In-Progress, Pending Deletion ()	Maroon – In-Progress object(s) is pending deletion with save
Approved ()	Orange – the object(s) is approved for activation (next business day)
Active ()	Blue – the object(s) is currently active for mapping
Active, Deletion Pending Approval ()	Cyan blue dashed line – the active object(s) is deleted and is pending approval
Active, Pending Deletion ()	Orange dashed line – the active object(s) is approved for deletion (next business day)

Active Map



Upload Map Files into Member Mapping

PA One Call's Member Mapping process permits facility owners to submit their maps electronically rather than manually drawing them in the application. With the application link, you will also receive access to the Member Mapping upload link:



The electronic method allows members to prepare their maps by exporting from their GIS into a .zip file. A projection file (.prj) is required in order to align the objects with latitude longitude NAD 83 projection.

Upload Additions Into our Member Mapping system

Right now, we only accept map data in **ESRI format**.

Step 1: Enter your CDC

Email Results To: (only one email address allowed)

CC Results To:

(Use Semi-Colon to separate, i.e. membership@pa1call.org;contact@pa1call.org)

Step 2: Choose file format:

Step 3: Are you including a .PRJ file that will define the projection?

☒ Yes (skip to Step 4)

☐ No

Step 4: Choose the buffer size you want applied to all objects:

Step 5: Press browse to locate your: .ZIP file.

Note: The largest allowed combined file size for upload in this example is 100MB. If you attempt to upload files with total size greater than 100MB you will get "Page Not Found" error.

The uploaded file format must be ESRI Shapefile .shp. Please contact mapupload@pa1call.org to inquire about additional file format options. Complete replacements of existing mapped data may be done by sending a new Shapefile by email to mapupload@pa1call.org. Once the replacement is confirmed, return to the Member Mapping application and use the Approve Municipality Tool.

Reports on Member Mapping Activity

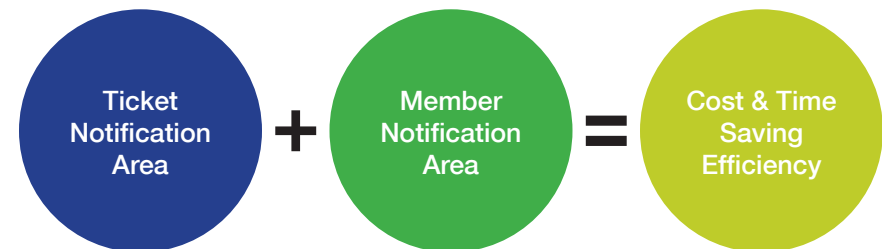
Once maps are active, reports for received and excluded notifications are available online. Login to the website, go to Applications, My POCS Links, and select Facility Owner Member Web Access to report on Notifications Delivered or Notifications Excluded.

Date Range Lookup	Serial Number Lookup	Municipal List Lookup	Build CDC List	Pennsylvania Damages Database	Return to POCS Links
Date Range Lookup					
CDC:	FROM: <input type="text" value="3/01/2020"/>	SEARCH TYPE:		FILTER BY MESSAGE TYPE:	
	TO: <input type="text" value="3/31/2020"/>	<input checked="" type="radio"/> Tickets		Action Type <input type="text" value="ALL"/>	COUNTY <input type="text" value="ALL"/>
		<input type="radio"/> Responses		Request Type <input type="text" value="ALL"/>	Municipality <input type="text" value="ALL"/>
				Request Class <input type="text" value="ALL"/>	Ward <input type="text" value="ALL"/>
					Work Site <input type="text"/>
					Excavator <input type="text"/>

Select the Delivered button to view notifications that intersect your map objects. Select Exclusions to view notifications that did not intersect but were taken in the municipality.

Mission Statement

Our purpose is to prevent damage to underground facilities. To promote safety, we provide an efficient and effective communications network among project owners, designers, excavators, and facility owners.





For additional help, contact us.

<http://www.paonecall.org/membermapping>

email: contact@pa1call.org

call: 1-800-248-1786 ext. 7168

PROVIDED BY



Pennsylvania 811®

**Know what's below.
Call before you dig.®**