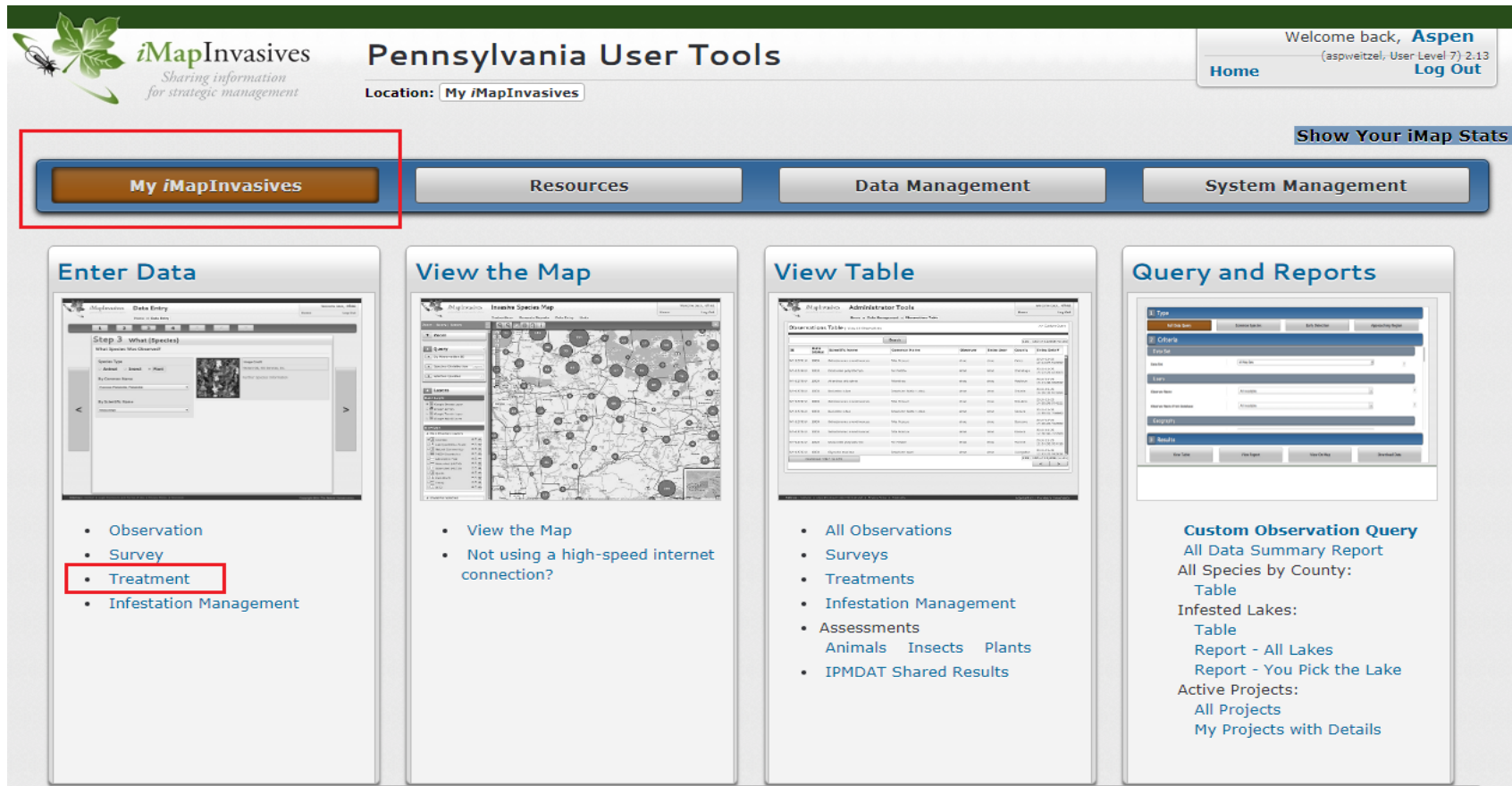


# Entering a Treatment Record in iMapInvasives

**Treatment data** is independent of observation and assessment records and can be associated with several target species. To create a treatment record, you will draw a polygon surrounding the area of treatment and then describe the work that was done there (organization lead, crew time and costs, treatment used, weather conditions, etc).

Users Level 6 and higher will be able to enter treatment data.



The screenshot displays the iMapInvasives Pennsylvania User Tools interface. At the top, the iMapInvasives logo is on the left, and the user is logged in as 'Aspen' (aspweitzel, User Level 7) 2.13. The main navigation bar includes 'My iMapInvasives' (highlighted with a red box), 'Resources', 'Data Management', and 'System Management'. Below this, there are four main sections: 'Enter Data', 'View the Map', 'View Table', and 'Query and Reports'. The 'Enter Data' section contains a list of options: 'Observation', 'Survey', 'Treatment' (highlighted with a red box), and 'Infestation Management'. The 'View the Map' section shows a map of Pennsylvania with various points of interest. The 'View Table' section shows a table of observations. The 'Query and Reports' section shows a custom observation query form.

From the My iMapInvasives page, click on the **Treatment** link in the Enter Data box.

Navigate to your treatment area on the map using the zoom tool on the left side. Click the left-most of the tool buttons in the upper right-hand corner to activate the Draw tool; then click on the map to add vertices to the treatment polygon.

The screenshot displays the iMapInvasives Pennsylvania User Tools interface. The top navigation bar includes the iMapInvasives logo, the title "Pennsylvania User Tools", and user information: "Welcome back, Aspen (aspw@elzel, User Level 7) 2:13" with links for "Home" and "Log Out". The main content area is titled "Treatment Information" and features a search bar with the placeholder text "Enter obs ID, GPS coordinates, or address (include state/province initials)" and a "Go" button. A "New Record" button is located in the top right corner of the main area.

On the left side, there are three panels:

- baseLayer**: Contains radio buttons for "Hybrid Map" (selected), "Google Aerials", and "Google Streets".
- iMap Layers**: Contains checkboxes for "Confirmed (zoom for labels)", "Unconfirmed (zoom for labels)", "Approximate (zoom for labels)", "Treatment" (checked), "Survey", "Assessment Plant", "Assessment Animal", and "Assessment Insect".
- State-specific Layers**: Contains a checkbox for "State Layers (Streams, Municipalities, Managed Lands, Major Water Bodies)".

A vertical zoom toolbar is highlighted with a red rectangle, showing a series of zoom-in and zoom-out buttons. The main map area displays a satellite view of a landscape with a green polygon overlaid, representing a treatment area. A red arrow points to the left-most button in the top right corner of the map area, which is used to activate the Draw tool. In the bottom right corner, there is an inset map showing the location of the treatment area within the state of Pennsylvania, with the label "Vorgantown" visible.

At the bottom left, the mouse position is displayed: "Mouse Position: Long:-79.47055/Lat:39.90998 ( X:117825/Y:4427342 )".

Click and drag the vertices to reshape the polygon. Use the left tool button to delete the polygon if you wish to re-draw.

The screenshot displays the 'Treatment Information' web application. At the top, a blue header bar contains the title 'Treatment Information' and a 'New Record' button. Below the header is a search bar with the placeholder text 'Enter obs ID, GPS coordinates, or address (include state/province initials)' and a 'Go' button. The main map area shows a satellite view of a forested area with a green polygon drawn over it. Red arrows point to the vertices of the polygon, indicating they can be clicked and dragged to reshape it. On the left side, there are two panels: 'baseLayer' with options for 'Hybrid Map', 'Google Aerials', and 'Google Streets'; and 'iMap Layers' with checkboxes for 'Confirmed', 'Unconfirmed', 'Approximate', 'Treatment', 'Survey', 'Assessment Plant', 'Assessment Animal', and 'Assessment Insect'. Below these panels, the 'State-specific Layers' section is visible. At the bottom left, the 'Mouse Position' is displayed as 'Long:-79.46879/Lat:39.91128 ( X:117983/Y:4427479 )'. A note below this states 'Zoom to location before enabling map layers for faster map loading'. At the bottom, a red-bordered box contains the text 'Polygon Area' followed by '30470.3 - square meters / 7.53 Acres'. In the top right corner of the map area, there are icons for zooming in/out and a red arrow icon. A small inset map in the bottom right corner shows the location relative to Morgantown.

**Treatment Information** New Record

Enter obs ID, GPS coordinates, or address (include state/province initials) Go ?

**baseLayer**

- ☒ Hybrid Map
- ☐ Google Aerials
- ☐ Google Streets

**iMap Layers**

- ☐ Confirmed (zoom for labels)
- ☐ Unconfirmed (zoom for labels)
- ☐ Approximate (zoom for labels)
- ☐ Treatment
- ☐ Survey
- ☐ Assessment Plant
- ☐ Assessment Animal
- ☐ Assessment Insect

**State-specific Layers**

- ☐ State Layers (Streams, Municipalities, Managed Lands, Major Water Bodies)

Mouse Position:  
Long:-79.46879/Lat:39.91128  
( X:117983/Y:4427479 )

Zoom to location before enabling map layers for faster map loading

**Polygon Area** 30470.3 - square meters / 7.53 Acres ?

Notice that once you have drawn a polygon, the polygon (treatment) area is displayed is square meters and acres directly below the map for your reference.

Begin filling in information located in the **Basic Treatment Fields** section. Required fields are highlighted in pink. Some fields, such as **Targeted Species**, allow you to choose more than one option. Be sure to choose all species that were targets for this treatment.

Basic Treatment Fields		
Do not use special symbols in text boxes. Only letters, numbers, and characters found on common keyboards are accepted.		
* Goal	d) Multiple goals	?
* Lead Contact	----- If username is not listed, please contact <a href="mailto:paimapinvasives@gmail.com">paimapinvasives@gmail.com</a>	?
* Target Species	<div> Rosa multiflora ✕ </div> <div> Aldrovanda vesiculosa  <b>Alliaria petiolata</b>  Allium vineale  Alnus glutinosa  Alopecurus geniculatus  Alosa pseudoharengus </div>	?
* Observations Affected		?
* Start Date		?
* End Date		?
* Permit needed?	No	?
Project	-----	?
Site		?
Organizations Involved	Select Some Options	?

Fields in white are optional – fill in those that apply to your treatment event.



For any observations made within the treatment area, list all ID#'s in the **Observations Affected** field separated with a semi-colon (;).  
Be sure to use the Observation ID# as it appears in the *iMapInvasives* tables (e.g. PA-1022U).

*This field will fill in automatically in a future version of iMapInvasives.*

**Basic Treatment Fields**

Do not use special symbols in text boxes. Only letters, numbers, and characters found on common keyboards are accepted.

* Goal	d) Multiple goals	?																																																	
* Lead Contact	<div>-----</div> <div>If username is not listed, please contact <a href="mailto:paimapinvasives@gmail.com">paimapinvasives@gmail.com</a></div>	?																																																	
* Target Species	<div>Rosa multiflora × Alliaria petiolata ×</div>	?																																																	
* Observations Affected	<div>PA-183U; PA-182U</div> <div>ID Numbers (e.g. NY-123456U; NY-316017U or NY-123456U, NY-316017U)</div> <div><div>OBSID</div><div>Scientific Name</div><div>Observe Date</div><div>Observer</div><div>Assessment ID</div><div>Area (square meters)</div></div>	?																																																	
* Start Date	2010-05-22	?																																																	
* End Date	<div><div>May 2010</div><table><tr><td>Mo</td><td>Tu</td><td>We</td><td>Th</td><td>Fr</td><td>Sa</td><td>Su</td></tr><tr><td>26</td><td>27</td><td>28</td><td>29</td><td>30</td><td>1</td><td>2</td></tr><tr><td>3</td><td>4</td><td>5</td><td>6</td><td>7</td><td>8</td><td>9</td></tr><tr><td>10</td><td>11</td><td>12</td><td>13</td><td>14</td><td>15</td><td>16</td></tr><tr><td>17</td><td>18</td><td>19</td><td>20</td><td>21</td><td>22</td><td>23</td></tr><tr><td>24</td><td>25</td><td>26</td><td>27</td><td>28</td><td>29</td><td>30</td></tr><tr><td>31</td><td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td></tr></table></div>	Mo	Tu	We	Th	Fr	Sa	Su	26	27	28	29	30	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1	2	3	4	5	6	?
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31	1	2	3	4	5	6																																													
* Permit needed?		?																																																	
Project		?																																																	
Site		?																																																	
Organizations Involved	Select Some Options	?																																																	

When entering information for the **Treatment Start Date** & **Treatment End Date** fields,  
click on the white box next to each field to bring up a calendar for choosing the appropriate day(s).

* Start Date	<input type="text" value="2010-05-22"/>	?
* End Date	<input type="text" value="2010-05-22"/>	?
* Permit needed?	<input type="text" value="-----"/>	?
Project	<input type="text" value="-----"/>	?
Site	<input type="text"/>	?
Organizations Involved	<input type="text" value="Select Some Options"/>	?
Treatment Comments	<input type="text"/>	?
* Type	<div><div>-----</div><div>Barrier Bioagent Chemical Fire Flame Weeding Grazing Mechanical/Manual Shooting Trapping</div></div>	?
<div><div>▼ Additional Information</div><div>Update Treatment</div></div>		

Fill in other fields as applicable. When you choose **Treatment Type**, additional fields will appear which allow you to give more information about the treatment that was implemented.

In this example, choosing “**Mechanical/Manual**” as the treatment type revealed additional fields which allow the ability to choose “Cutting” as the **Mechanical Method Used** and “On-site” as the **Disposal Site**. Additionally, keep in mind that several fields allow more than one option to be chosen.

In this example, **Disposal Method** and **Mechanical Equipment Used** each allow this option.

▼ Additional Information

Treatment Type: Mechanical/manual Details

Mechanical Method Used	<div>-----▼</div> <div>a) Cutting b) Digging c) Girdle/Frill d) Mowing e) Plowing f) Hand-pulling g) Shade Cloth h) Other</div>	?
Disposal method		?
Mechanical equipment used		?
Total Days	<div>4</div>	
Comments	<div></div>	?
Disposal Site	<div>a) On-site▼</div>	?

Update Treatment

The **Additional Information** tab has nine different categories of data types to choose from for inclusion in your treatment data record. Choose categories that fit your treatment data by clicking on the down arrow next to each category title and filling in the information fields accordingly.

▲ Additional Information

▼ Photos and Sketchmaps

▼ Goals

▼ Who

▲ What

Target Species Comments

Infestation Management Records Affected

Assessment Affected

Admin Comments

▼ When

▼ Where

▼ Weather

▼ Permissions

▼ Type

Treatment Type: Mechanical/manual Details



▼ Weather

▼ Permissions

▼ Type

Treatment Type: Mechanical/manual Details

Mechanical Method Used	<div>..... ▼</div>	<div>?</div>
Disposal method	<div>d) Compost x</div>	<div>?</div>
Mechanical equipment used	<div>g) Brush hog x</div>	<div>?</div>
Total Days	<div>4</div>	
Comments	<div></div>	<div>?</div>
Disposal Site	<div>a) On-site ▼</div>	<div>?</div>

Update Treatment

When all information has been entered, click the **Update Treatment** button to submit the treatment record.

**My iMapInvasives**

**Resources**

**Data Management**

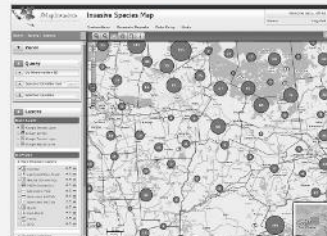
**System Management**

## Enter Data



- [Observation](#)
- [Survey](#)
- [Treatment](#)
- [Infestation Management](#)

## View the Map



- [View the Map](#)
- [Not using a high-speed internet connection?](#)

## View Table



- [All Observations](#)
- [Surveys](#)
- [Treatments](#)
- [Infestation Management](#)
- [Assessments](#)
- [Animals](#) [Insects](#) [Plants](#)
- [IPMDAT Shared Results](#)


## Query and Reports



**Custom Observation Query**  
All Data Summary Report  
All Species by County:  
[Table](#)  
Infested Lakes:  
[Table](#)  
[Report - All Lakes](#)  
[Report - You Pick the Lake](#)  
Active Projects:  
[All Projects](#)  
[My Projects with Details](#)

Once you have submitted a treatment record, you can view it by clicking the **Treatments** link under the View Table box on the My iMapInvasives page. This will open a screen with a table of all treatment records.

Click on a row in the table to view the treatment record.  
 You will see the same screen as when you were entering the treatment data before.



## Pennsylvania User Tools

[Data Management](#) :: [Treatment Table](#)

Welcome back, **Aspen**  
 (aspweitzel, User Level 7) 2.13

[Home](#)
[Log Out](#)

### Treatment Table


[Add New Treatment](#)
[Custom Data Query](#)

225 - 250 of 258 results

ID	Type	Goal	Lead Contact	Organization(s)	Site	Start Date	End Date	Target Species	Entry Date▼	Entry Person
PA-1025U-T	Mechanical / Manual	d) Multiple goals	andzadnik	Western Pennsylvania Conservancy	not provided	2010-07-21	2010-07-21	Microstegium vimineum	2013-10-31 11:42:37	amyjewitt10
PA-1024U-T	Mechanical / Manual	d) Multiple goals	andzadnik	Western Pennsylvania Conservancy	not provided	2010-07-21	2010-07-21	Microstegium vimineum	2013-10-31 11:17:47	amyjewitt10
PA-1023U-T	Mechanical / Manual	d) Multiple goals	andzadnik	Western Pennsylvania Conservancy	not provided	2010-05-22	2010-05-22	Alliaria petiolata, Elaeagnus umbellata	2013-10-31 11:08:22	amyjewitt10
PA-1022U-T	Mechanical / Manual	d) Multiple goals	andzadnik	Western Pennsylvania Conservancy	not provided	2010-05-22	2010-05-22	Alliaria petiolata, Rosa multiflora	2013-10-31 10:38:14	amyjewitt10
PA-1021U-T	Mechanical / Manual	d) Multiple goals	andzadnik	Western Pennsylvania Conservancy	not provided	2010-05-12	2010-05-12	Alliaria petiolata	2013-10-31 10:19:00	amyjewitt10
PA-1020U-T	Mechanical / Manual	d) Multiple goals	andzadnik	Western Pennsylvania Conservancy	not provided	2009-11-21	2009-11-21	Elaeagnus umbellata, Rosa multiflora	2013-10-31 09:51:47	amyjewitt10
PA-1019U-T	Chemical	d) Multiple goals	andzadnik	Western Pennsylvania Conservancy	not provided	2009-08-05	2009-08-05	Microstegium vimineum	2013-10-31 09:33:30	amyjewitt10
PA-1018U-T	Chemical	d) Multiple goals	andzadnik	Western Pennsylvania	not provided	2009-08-05	2009-08-05	Microstegium vimineum	2013-10-30 17:42:02	amyjewitt10

225 - 250 of 258 results

If several records are listed in the treatment table, you can use the search bar at the top of the page to find the treatment(s) you are looking for. For example, you could input the treatment ID # (PA-1022U-T) to find specific record, or you could type in your last name to find the treatments you have entered or are the lead contact for. A **Custom Data Query** can also be performed by clicking on the button in the top right corner.



**iMapInvasives**  
*Sharing information  
for strategic management*

## Pennsylvania User Tools

[Data Management](#) :: [Custom Query](#) :: [Treatment Table](#)

Welcome back, **Aspen**  
(aspweitzel, User Level 7) 2:13  
[Home](#) [Log Out](#)


### Treatment Table

[Add New Treatment](#)

[Custom Data Query](#)

#### Active Custom Query

Treatment Goal = d) Multiple goals Target Species = Rosa multiflora [Clear Query](#)


PA-1022U 

[Search](#)

Showing: [PA-1022U](#) [Clear](#) 0 - 1 of 1 results

ID	Type	Goal	Lead Contact	Organization(s)	Site	Start Date	End Date	Target Species	Entry Date ▼	Entry Person
PA-1022U-T	Mechanical / Manual	d) Multiple goals	andzadnik	Western Pennsylvania Conservancy	not provided	2010-05-22	2010-05-22	Alliaria petiolata, Rosa multiflora	2013-10-31 10:38:14	amyjewitt10

When choosing the **Custom Data Query** button from the Treatment Table page, the **Treatments - Custom Query** tool appears which allows you to choose from several different search criteria to look up the treatment(s) you are interested in. Enter information in as many or as few category fields as relevant. Then choose either View Table, View Report, or View on Map at the bottom of the page to display your treatment query results.

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for strategic management*

**Pennsylvania User Tools**  
Data Management :: Custom Treatment Query


Welcome back, **Aspen**  
(aspweitzel; User Level 7) 2:13  
[Home](#) [Log Out](#)

**Treatments - Custom Query**

**Treatment Information**  
Submitter:   
Lead Contact:   
Organization:   
Target Species:   
Treatment Goals:   
Treatment Type:   
Project:   
Data Status:   
Find Treatments that Begin on or after this Date:   
Find Treatments that End on or before this Date:

**Observation / Assessment**  
ObsID:   
Assessment ID:

For example, to find a specific entry you could search on 'Rosa multiflora' as the target species, 'Mechanical/Manual' as the treatment type, and 'Multiple goals' as the treatment goal.



**iMapInvasives**  
*Sharing information  
for strategic management*

**Pennsylvania User Tools**  
Data Management :: Custom Treatment Query

Welcome back, **Aspen**  
(aspweitzel; User Level 7) 2:13  
[Home](#) [Log Out](#)

**Treatments - Custom Query**

**Treatment Information**  
Submitter: All Users  
Lead Contact: All Users  
Organization: All Organizations  
**Target Species:** Rosa multiflora  
**Treatment Goals:** d) Multiple goals  
**Treatment Type:** Mechanical/Manual  
Project: All projects  
Data Status: All Statuses  
Find Treatments that Begin on or after this Date:   
Find Treatments that End on or before this Date:

**Observation / Assessment**  
ObsID:   
Assessment ID:



Here is this custom data query as seen on the table.

Treatment Table

Add New Treatment

Custom Data Query

Active Custom Query

Treatment Goal = d) Multiple goals

Target Species = Rosa multiflora

Treatment Type = Mechanical/Manual

Clear Query

Search

0 - 6 of 6 results

ID	Type	Goal	Lead Contact	Organization(s)	Site	Start Date	End Date	Target Species	Entry Date▼	Entry Person
PA-1022U-T	Mechanical / Manual	d) Multiple goals	andzadnik	Western Pennsylvania Conservancy	not provided	2010-05-22	2010-05-22	Alliaria petiolata, Rosa multiflora	2013-10-31 10:38:14	amyjewitt10
PA-1020U-T	Mechanical / Manual	d) Multiple goals	andzadnik	Western Pennsylvania Conservancy	not provided	2009-11-21	2009-11-21	Elaeagnus umbellata, Rosa multiflora	2013-10-31 09:51:47	amyjewitt10
PA-1015U-T	Mechanical / Manual	d) Multiple goals	andzadnik	Western Pennsylvania Conservancy	not provided	2009-07-16	2009-07-16	Elaeagnus umbellata, Rosa multiflora	2013-10-30 11:11:18	amyjewitt10
PA-1014U-T	Mechanical / Manual	d) Multiple goals	andzadnik	Western Pennsylvania Conservancy	not provided	2009-07-08	2009-07-08	Elaeagnus umbellata, Rosa multiflora	2013-10-25 17:32:28	amyjewitt10
PA-1013U-T	Mechanical / Manual	d) Multiple goals	andzadnik	Western Pennsylvania Conservancy	not provided	2009-06-24	2009-06-24	Rosa multiflora	2013-10-25 12:55:07	amyjewitt10
PA-1012U-T	Mechanical / Manual	d) Multiple goals	andzadnik	Western Pennsylvania Conservancy	not provided	2009-06-24	2009-06-24	Rosa multiflora	2013-10-25 11:35:07	amyjewitt10

Here is this custom data query as seen on the map (in bright green).

The screenshot displays a web-based mapping application interface. On the left side, there is a sidebar with several sections:

- Zoom:** A vertical slider and buttons for zooming in and out.
- Summary Data:** A button to view summary data.
- Layers:**
  - Base Layers:** A list of map styles including Google Streets Layer, Google Hybrid Layer, Google Terrain Layer, Google Aerials, Bing AerialWithLabels, Bing Aerial, OpenStreet Maps, and No Base Layer.
  - Overlays:**
    - Invasive Species Observations:** Includes checkboxes for Confirmed (green circle), Unconfirmed (yellow circle), and Approximate (orange square).
    - Invasive Species Details:** Includes checkboxes for Assessments - Animals, Assessments - Insects, Assessments - Plants, Treatments (checked, bright green square), and Survey (cyan square).
    - Infestation:** Includes a checkbox for Infestation Management (purple square).

The main map area shows a topographic view of a region with the Youghiogheny River flowing through it. Key locations labeled include Mill Run, Fallingwater, Bear Run Nature Reserve, and Ohiopyle State Park. A custom data query is highlighted in bright green on the map. A mouse position box in the top right corner displays coordinates: Long:-79.4655 /Lat:39.9206 and X:118318 /Y:4428504. A small inset map in the bottom right corner shows the location within the Eastern United States.

The End