



What's New at the SHPO?

SHPO GUIDELINES UPDATE





Prepare for transition to electronic review

Goals

- Create consistency
- Streamline/eliminate paperwork

New Documentation Requirements

 Formal updates to the Guidelines for Architectural Investigations and Guidelines for Archaeological Investigations coming Fall 2017





NEW PEOPLE!

- Elizabeth Rairigh Division Chief for Preservation Services
- Saurabh Shah Project Manager for New Integrated Data System
- Alison Oskam File & Survey Room Manager
- Tyra Guyton Transportation Special Initiatives Coordinator
- Hannah Harvey Cultural Resources GIS
 Specialist and Archaeological Outreach
 Coordinator





ARCHAEOLOGICAL SURVEY AND OUTREACH PROGRAM

Hannah Harvey



To encourage proactive site recordation by working with a diverse group of partners.



And

To record more archaeological sites from sources other than compliance projects.





Specific goals:

- Update PASS records for existing sites
- Encourage recordation of known sites
- Identify statewide survey priorities and work with partners to identify new sites
- Reach new audiences to convey the importance of archaeological recordation



Phase I – University Outreach

 Kicked off this May with visits to field schools and university testing projects









ENVIRONMENTAL REVIEW: ABOVE GROUND RESOURCES

Barbara Frederick



Data Submissions

- ONE hard copy report
- Unbound hard copy of HRSF forms
- CD that includes
 - Electronic copy of survey/eligibility report (PDF)
 - Electronic copy of HRSFS (PDF)
 - Electronic copy of reconnaissance survey table (PDF)
 - GIS Shapefiles for the project APE and resource boundaries





Report Summary	Form
10 31 1 A 12	
PROJECT CHECKLIST: Please fill out a copy of this or draft reports).	s checklist and include it with your initial report submission, (including with management summaries
. Project Identification:	
ER Number:	
Report Title:	
Preparers Name and affiliation:	
Report Date:	Number of Pages:
	Grant Funded Other (Explain)
Planning State/Federal	Compliance Agency: Applicant:
2. Report Information:	
	s apply to this report. If your data do not fit in the table, add list as an attachment
	ports must be submitted separately.)
Report Type	
- French	
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Reconnaissance Survey Table

- Provide table summarizing results of reconnaissance level survey
- Pdf of table will be attached to APE in CRGIS
- Abbreviated HRSFs for those properties whose potential significance will be affected





Survey Code/Map Key #	Resource Name/Address	Municipality/Mile Post	Parcel ID #	Resource Description	Impacts/Preliminary Assessment of Effects	Recommended Status/Further Documentation/Justification	Photo
01	Abram Farm, 820 York Road, Wyano PA	South Huntingdon Township, Westmoreland County	59-06-00- 0-147	Contains an 1870 house, 1900 gambrel roof bank barn with 1920 milking house, two 1920 silos, a 1940 drive through corn crib and 1960 machine shed, and two or more relic landscape features including a ten acre orchard	Pipeline ROW goes through the historic orchard, and the ROW will be within 50 feet of barn and drive through corn crib. Potential for effects due to loss of significant landscape feature and ROW location	Potentially Eligible/Full HRSF The property meets the agricultural context/property registration requirements for the periods 1900-1960	
02	Potter Farm, 863 Farm Lane Road, Wyano PA	South Huntingdon Township, Westmoreland County MP 46.2	59-10-00- 0-166	Contains a c.1800 house and summer kitchen, and 1925 chicken house. The 1900 bank barn burned down in 2005 and was replaced with a pole barn in 2006.	None. No impact to resource due to HDD bore	Not Eligible/No Further documentation The property does not contain barn that is at least 50 years of age, therefore it does not meet the property registration requirements for its agricultural region	



When to Survey for Pipeline Projects

- Demo of 50-year-old building
- Major construction (pig launcher, compressor station)
- Within 100 feet of building or structure
- Removal of significant historic woodlot
- Loss of significant landscape features









Agricultural Context Summary Tables

	Major Crops/Products	Labor	Tenure	Culture	Associated buildings layout (see pdf for materials, designs, and pictures)	Associated landscape features
Allegheny Mountain Part-Time and General Farming Region						
1830 – 1850 "Diversified Farming and Small-Scale Industry"	Indeed, agriculture was not the main economic activity at all, entractive industries such as furthering, charcoal making, and iron making dominated.	Men cut lumber and worked at iron plantation write women and children worked the farms. Families and individuals regularly exchanged work, services, and goods in the rural neighborhood.	Low	None specified	A farmstead should include at minimum a dwelling and outbuilding dating from the period. A farm should include the farmstead elements named above, plus significant acreage with at least traces of field patterns, fencing, boundaries, pathways, alreams, or woods.	Woodlands dominated. The topograph is hilly in most of the region, so fields were probably irregularly shaped. Pasture and meadow made up the bull of cleaned farm areas. Rail fenong woull likely persist here later than in other regions.
1650 – 1920 *Diversified Farming and Large-Scale Industry*	Eurlier period continue with diversified farming but no product dominated. Livestock: beef crittle, saine, poultry 1880 farms did focus on one and eats with smaller quaratters of wheat, rye, and potatoes. Industry included iron, steel, coal mining, coke production, and lumbering.	Industrialization provided seasonal work for fam men, wage working for corporations instead of own farms meaning women played even larger role in farms. Communal or collective patterns of labor exchange doubt have been unusually important in this context.	Some town counters neturned to farming with increasing acreage white- others committed to industry by the 1920s. Tenancy declined in Bald Eagle Valley and increased in Snow Shoe and Rosh Township. Ownership rates higher than state averages.	Various company towns	A farmstead should include at minimum a dwelling, a barn typical of the period, and at least two outbuildings typical of the specific area and dating to the period. A farm should include the farmstead elements, named above, plus accessed of the original farm tract, and at least two relict landscape elements such as traces of field patterns, mine shafts, fencing, boundaries, streams, or woods.	Clearings, small inegularly snaped field hedgerous, tree lines, wood-and-wire fenong, woodlots.
1920 – 1960 "Diverse Production, Depression, and Part- Time Farming"	Agricultural depression and industrial decline lead to smaller farming pockets. Some families would raise livestock for their own use. Various counties found niches in milt (stations), beekeeping, or sugar. Indiana county was known for Christmas trees.	Family members and nined above during busy seasons. Men, women, children all bended to animal husbandry while women dominated davying. Part-time patterns: Men tended to commute to work in the coal fields, retractory brick plants, railroad, etc. while women did over half of the farm work. Lower mechanized rate companed to state.	low (usually less than 20 percent), probably reflected the lesser value, smaller size, and heterogeneous ethnic origin of farms.	Company towns	A farmstead should have at minimum a dwelling and one outbuilding or structure. For farmsteads associated historically with delying in urban milksheds, dairy barns, of Alleigheny Mountain Part-Time and General Farming, 1840-1980 alleistoris, and milk houses should be present. A farm should have a small remaining acroage, and include some relict landscape features such as treelines and fields. For townships in dairy milksheds, greater farm acreage should be present.	larger more commercial sized film's would include small, square-lish fields, fields defined by theelines, fences, and nedges; clamps of these in fields, for nedges; clamps of these in fields, for mostly of wood and shere, woodlots, ornamental plantings near houses.
1830 – 1960 "change over lime"					A farmstead could show change over time through the presence of one or two serily buildings (probably most often a dwelling), and presence of letter of agricultural buildings (for example, a 19th century sho and milk nouse). In the case of dairying areas, there should be outbuildings that reflect the diversified phase of the 19th and early 20th centuries (smickehouses, prigin phouses, kitc) and the shift to fluid milk dairying in the middle decades of the 20th century (oilo, milk nouse). For dwellings, this might mean et additions, porches, the disappearance or neuro of productive spaces such as summer kitchens; for barns, it could mean additions for more space, aindows for more light, reosentation of statis, addition of hay tracks, etc. Thus in this region, there should be outbuildings that can be effectively related to tamily labor, including women's labor. A farm could show change over time through farmstead changes as described above; plus consolidation of felids; infloudiction of mine shafts; renegotiation of boundaries; evidence of shifting crop or livestock management practices (for 52 Allegheny Mountain Part-Time and General Farming, 1840-1960 example contour stripping and oid pasture).	





BIS Cor							
DENTIFICAT	ION /LOCATION		P	A SHPO KEY # Click or tap	here to enter text.		
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County Choo	sae an item. Municipal	fity	N	ATIONAL REGISTER DETE	RMINATION		
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Project Name	list ALL buildings/struc	tures) Year Built Click here to enter	Predominant Material	esources of Pennsylvania, turn. Historic Function	c1700-1960 context on t	Width in Bays Olick here to enter text.	Stories Click here to
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THE UPDATED 2017 ARCHAEOLOGICAL SITE IDENTIFICATION CRITERIA

Kira Heinrich



- Criteria last substantially updated in 2008
- In 10 years we identified some problems:
 - Inconsistency in recording small pre-contact sites between different methodologies
 - Confusion about isolate & non-site numbers
 - Confusion associated with low density or diffuse historic sites
 - Confusion for defining site boundaries, especially for historic sites
 - Too much extra paperwork!





What we did about all this

- The SHPO (Reviewers and CRGIS Staff) and the State Museum Staff met
- Addressed issues with the Site Criteria with an eye to updates
- Updated the Isolate/Non-Site Form
- PASS form updates still in progress
- Worked to provide CLEAR(er) guidance for all of this





Pre-Contact Site Identification Criteria

- 2 artifacts is the site minimum
- Added rockshelter plus 1 artifact (not FCR) Isolated finds are only pre-contract and only diagnostic





Historic Site Identification Criteria

- Streamlined the Criteria for clarity
- Need to consider historic maps and background research in defining sites and boundaries
- Guidance on historic artifact scatters associated with foundation remains
- Higher minimum standard for historic artifact concentrations NOT associated with foundations or features







NEW REPORT SUBMISSION PROCEEDURES

Kira Heinrich





- Draft report submissions must include:
 - ONE hard copy report
 - Bound with spiral or comb binding
 - Hard copy PASS forms should be separate from the report
 - CD that includes
 - Electronic copy of the report
 - Electronic copy of PASS Files as separate documents
 - Shape files for the project APE and any sites
- Incomplete Draft Submission Packets Received beginning Monday July 17, 2017 will be Returned





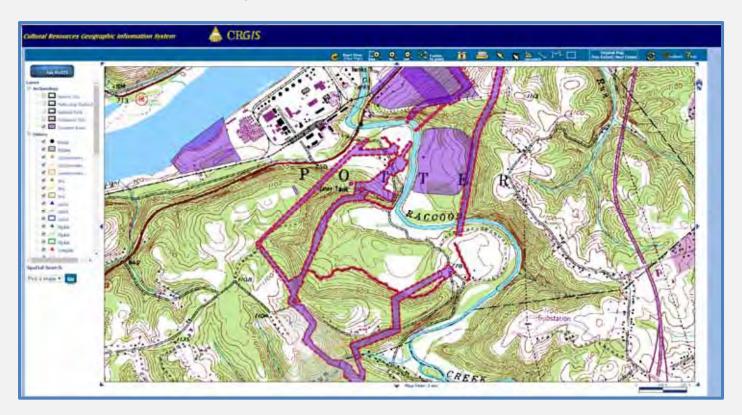
GEOSPATIAL SUBMISSION STANDARDS

Hannah Harvey



We want your shapefiles!

Your data will appear in CRGIS quickly and with greater accuracy





How we want them:

 Esri shapefiles preferred; GoogleEarth KML or Esri geodatabases accepted

 Features must be projected, but we do not require a specific coordinate system and projection

Polygon geometry only





File organization:

- Separate files for APEs, historic resources, and archaeological sites
- Survey areas with discontiguous segments should be merged into a single feature

Please include ER numbers, key numbers, or site numbers in the attribute tables.









CRGIS UPDATES

Noël Strattan





Map Changes Coming Soon:

- Panning with "the hand" and zooming with a slider
- A search bar on the map so you do not need to return to the AOI (area of interest) page to build additional maps
- New base maps a larger selection



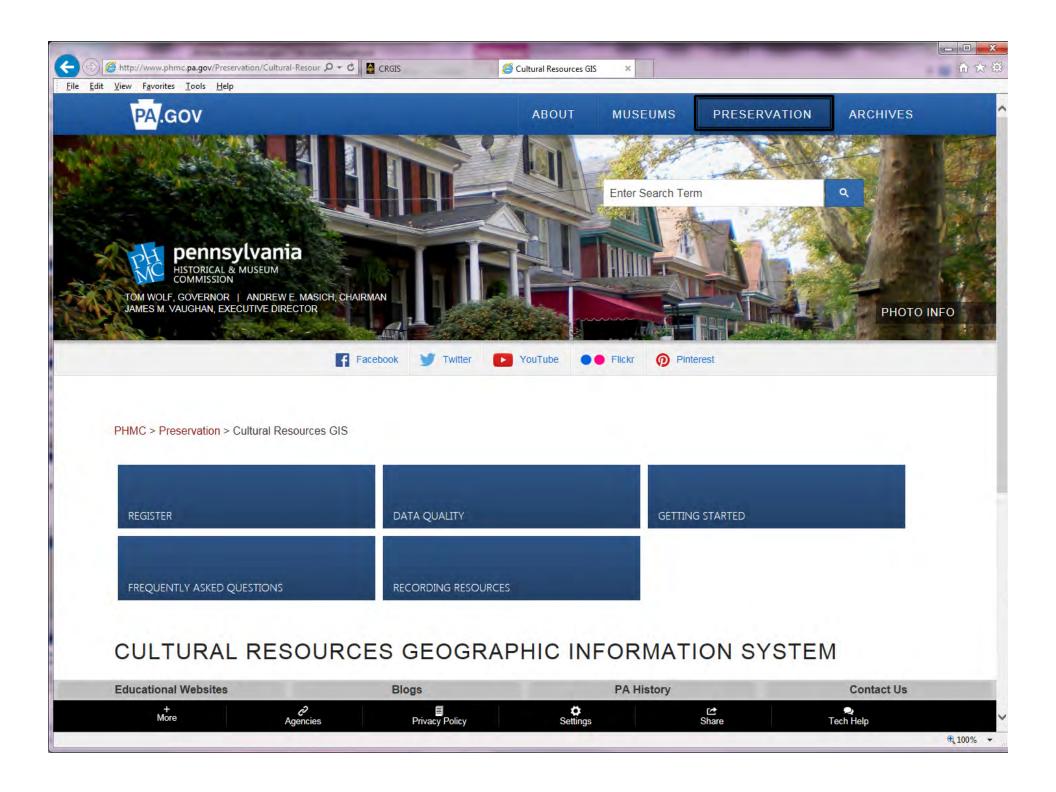


Map Changes Coming Soon:

- Fewer divisions of the above ground resources – but still distinguishable by eligibility
- More control over the layers you have turned on
- The ability to see the details of stacked resources before opening full reports



Demo slides





Open CRGIS *

Getting Started

Tutorials -

About

Register

Sign in



Welcome to Pennsylvania's Cultural Resources Geographic Information System

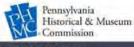


CRGIS is a map-based inventory of the historic and archaeological sites and surveys stored in the files of the Bureau for Historic Preservation (BHP). The Pennsylvania Historical and Museum Commission (PHMC) has been collecting information concerning archaeological sites and historic resources for the greater part of a century. Currently there are 22,693 archaeological sites and 130,620 historic properties in these files. Access to these paper records is free and open to the public by appointment at the BHP office in Harrisburg. CRGIS is a means of accessing some of these data without a trip to Harrisburg.

Web access to all of the historic resource data is open to the public. Access to archaeological site locations and detailed site information is restricted and password protected and will be granted to qualified individuals on a need to know basis. Two levels of restricted access are available; one for planning professionals and one for archaeological professionals. Visit the Register section of our Web site to register for a password. The "Ask ReGIS" function will allow you to query the underlying databases in a variety of ways to look for sites that are of interest to you.

CRGIS is an ongoing initiative, and tables and associated data will undergo staged enhancements and constant updating. Users are encouraged to notify CRGIS about additions or corrections that may be needed by using the "Feedback" function of the "Ask ReGIS" page. Please include references or other documentation for changes or additions. New sites will be added when received. Please refer to our Recording Resources section for more information on submitting resources for inclusion in the CRGIS.

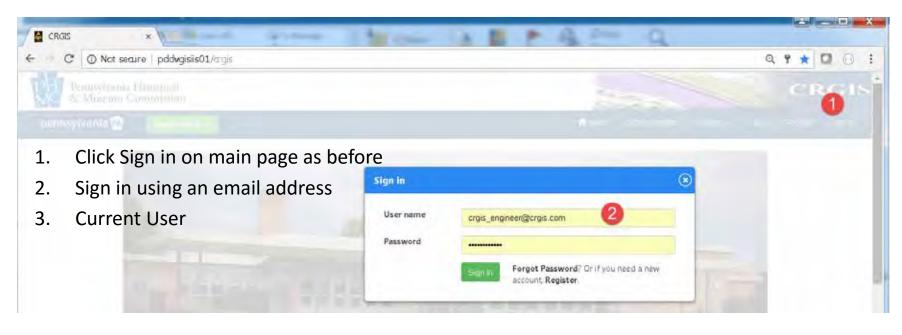
CRGIS is a partnership between the Pennsylvania Historical & Museum Commission (PHMC) and to

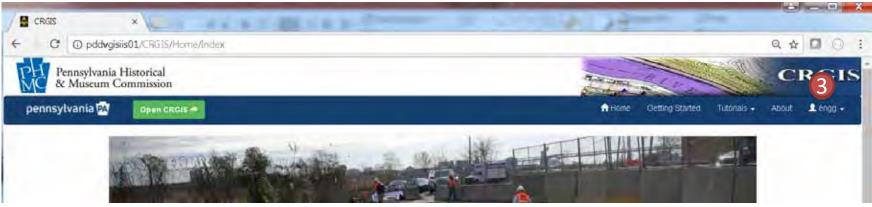




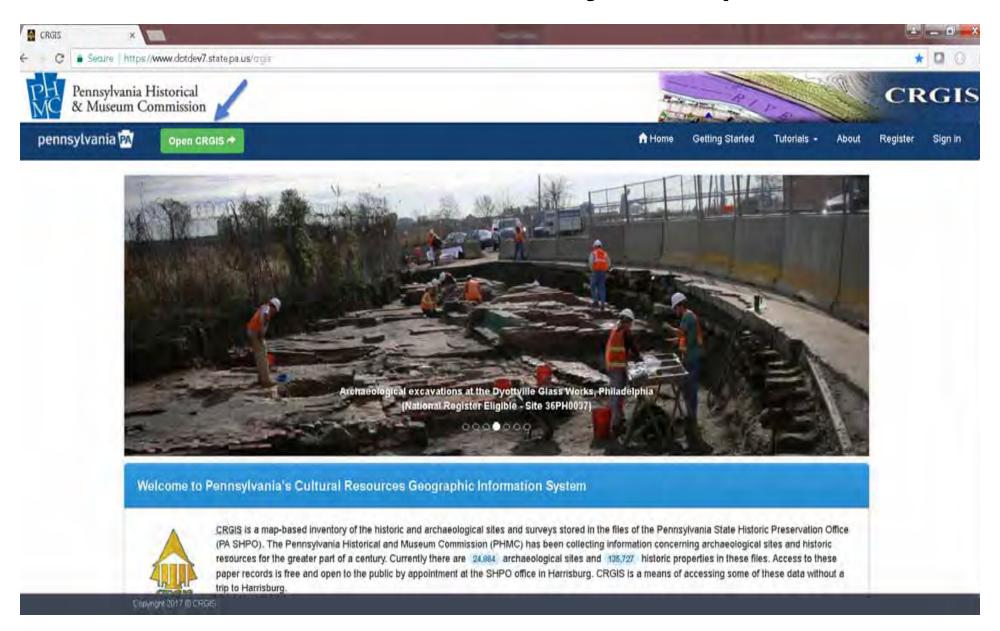
support from the Federal Highway Administration, the Baltimore District of the United States Army Cirp of Engineers, and the Pennsylvania Department of Environmental http://crgis.state.pa.us

Registered User Sign In Page





Public Users still just open

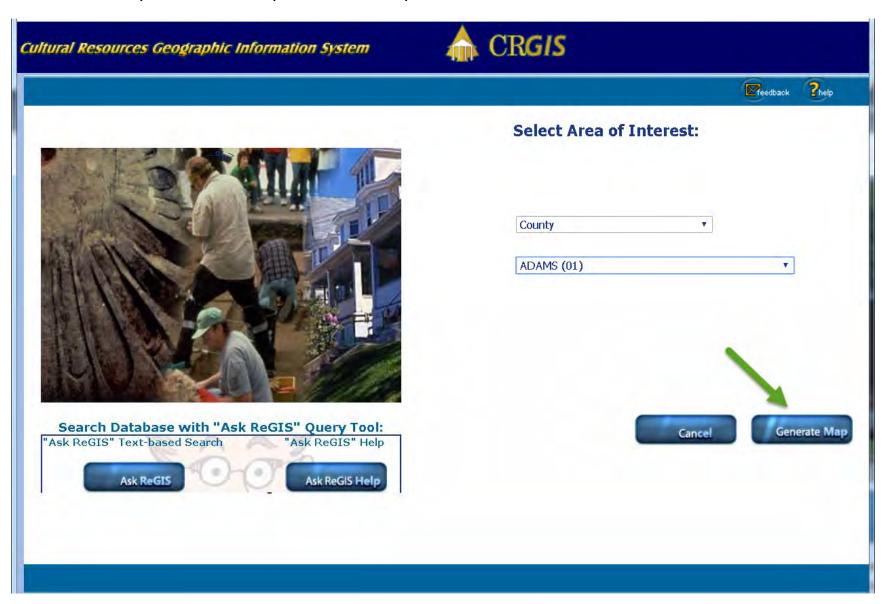


AOI Page: Options – similar to before



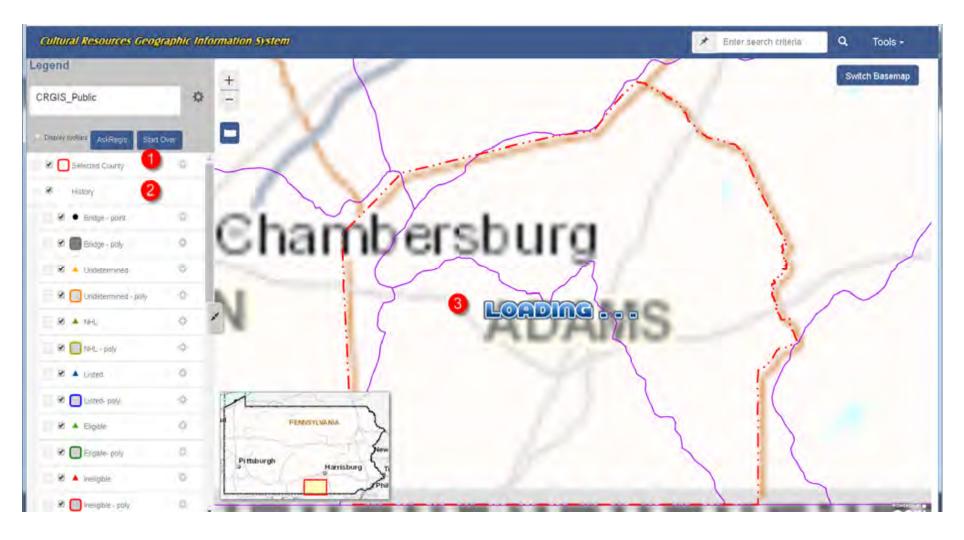
AOI Window

Generate Map button now opens a new Map.html window



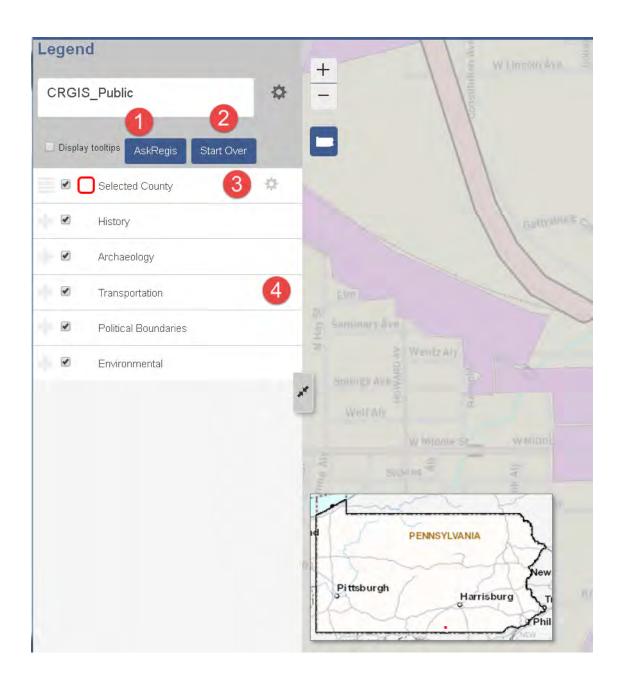
New Map Window:

- Selected AOI
- 2. Layer groupings in the Legend
- 3. "Loading " sign as default layers are being loaded



Legend Area

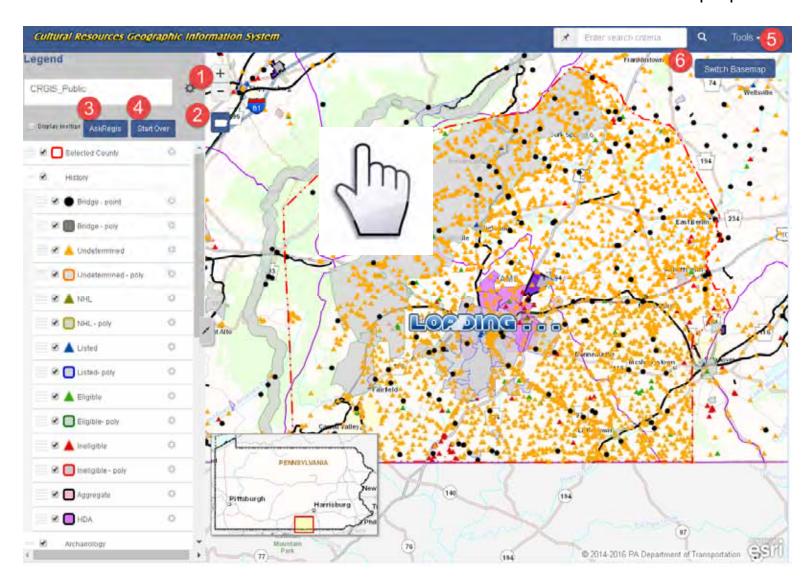
- AskRegis Button same as before
- Start Over Button- takes user to previous AOI screen as before
- Selected AOI
- 4. Layer Groupings Collapsed



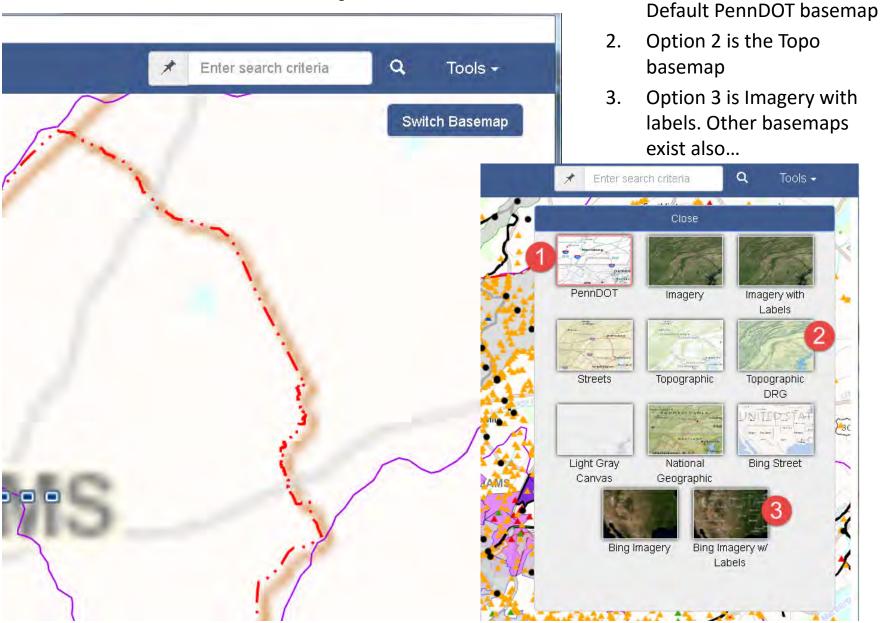
Map Navigation

- 1. Zoom In/Out
- 2. Zoom to State Extent
- 3. AskRegis Button
- 4. Start Over Button

- 5. Tool Menu
- 6. Basemap Options



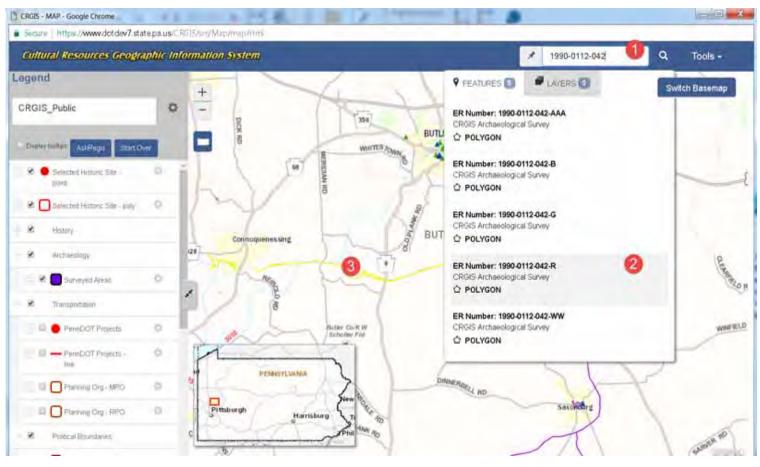
Basemaps



Click Basemap icon to see

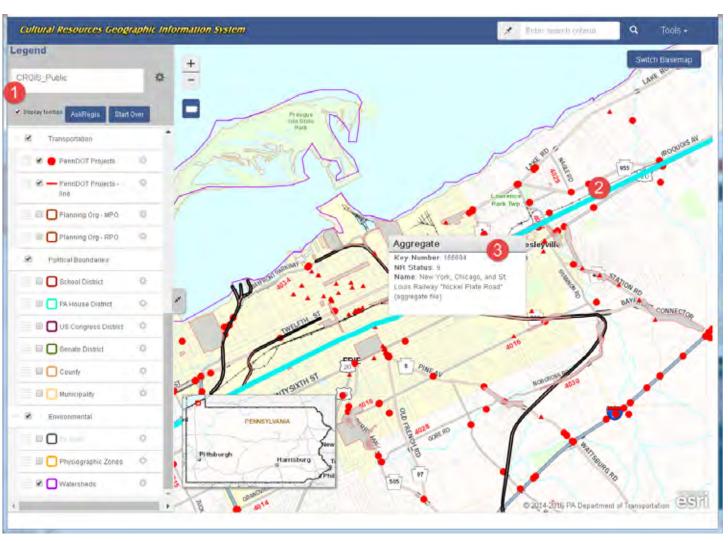
selections. Option 1 is the

MapCore Search



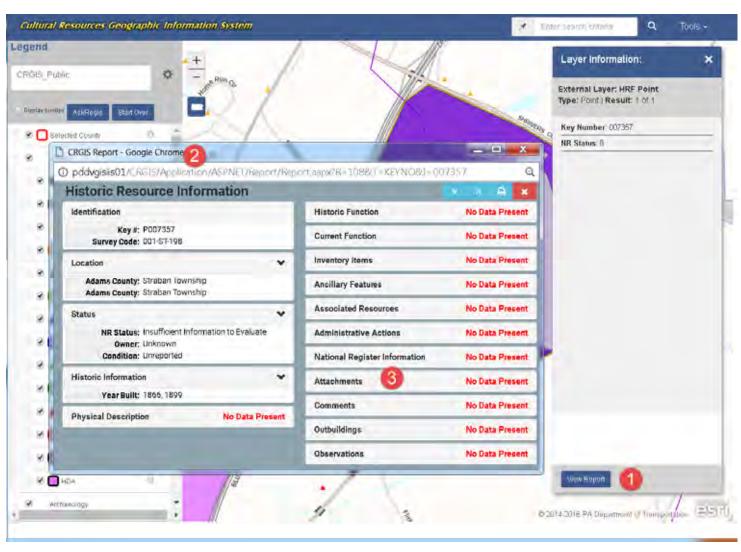
- MapCore
 Search example
 Archaeological
 Survey by ER
 Number
- 2. Results suggestions displayed. Select the result of interest.
- 3. Once selected, "Add to Map" is activated and allows user to zoom to the selected polygon

Hover/Tooltips



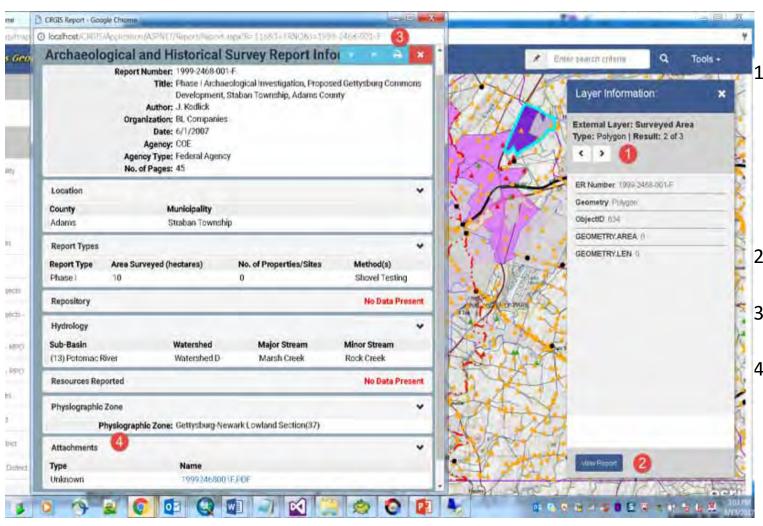
- Make sure the layer is turned on in the Table of Contents/Legend
- 2. Move the mouse over a feature of interest
- 3. Attributes display depending on the layer- notice the new NR Status attribute

Identify: Single Resource



- Clicking in a feature on the map displays the Layer Information box with View Report button activated
- 2. Clicking View
 Report Opens the
 familiar Report
 Window
- Attachments available in report window

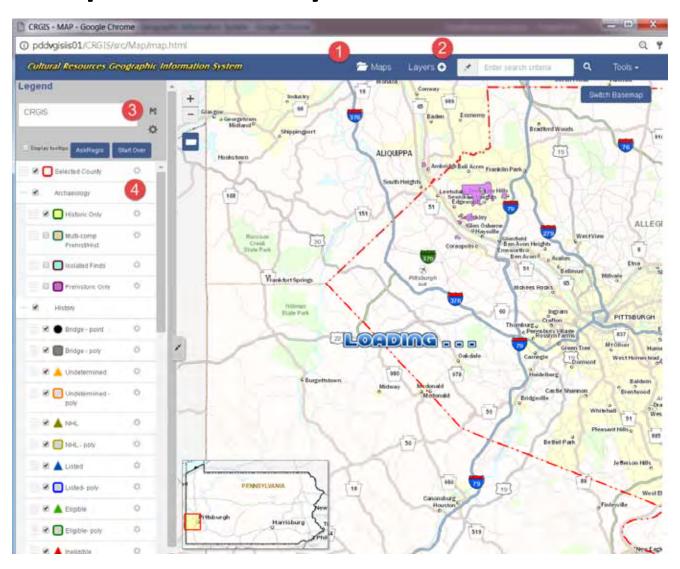
Identify: "Stacked" Resources



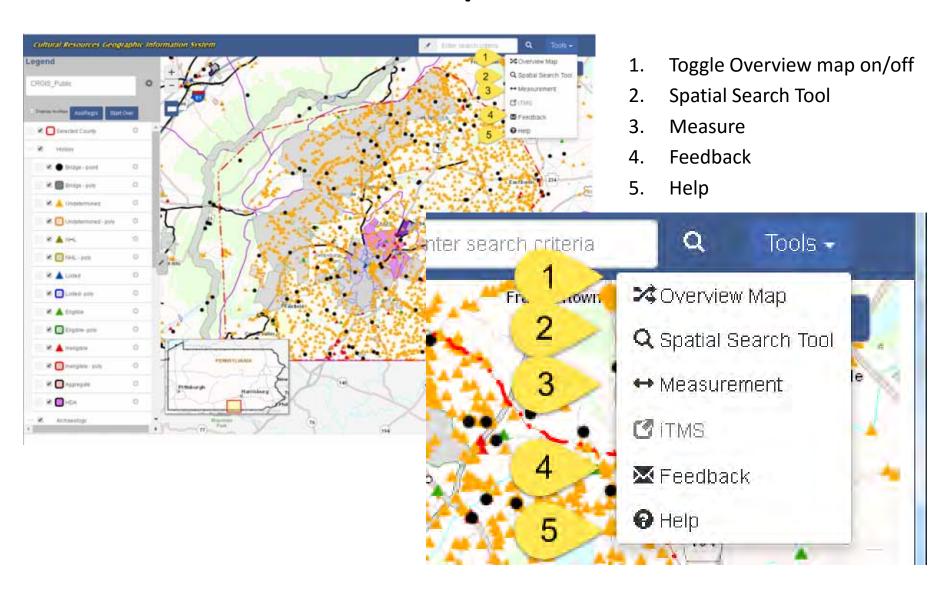
- Paging through
 the stacked
 feature allows
 user to select
 feature of interest
 Notice blue on
 Map
- . Clicking View Report
- Opens a new Report Window
- Attachments available

Maps and Layers

- Maps user can view map or open existing map
- Layers user can add layers to map
- 3. Save Map- user can save existing map
- More Layers are displayed depending on user . E.g Archaeology and predictive layers



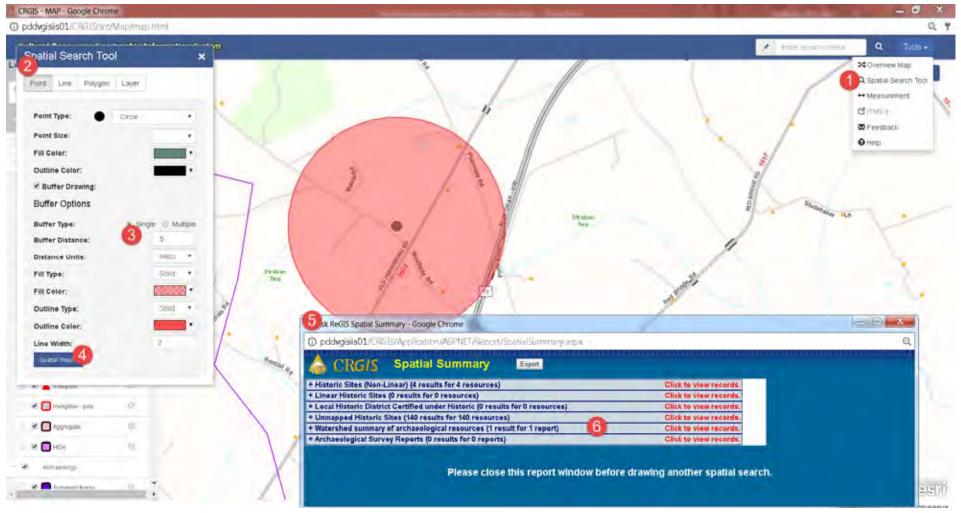
Tools/Links



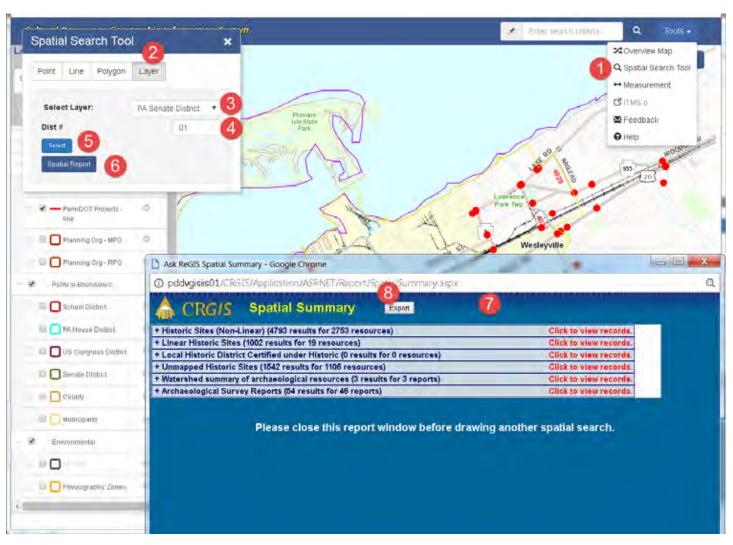
Spatial Search

- Spatial Search from Tools Menu
- 2. Select Type of geometry input
- Optionally Select Buffer (This is collapsed by default)

- 4. Click Spatial Search Button
- 5. Report Window opens & area mapped
- 6. "Watershed Summary" report renamed

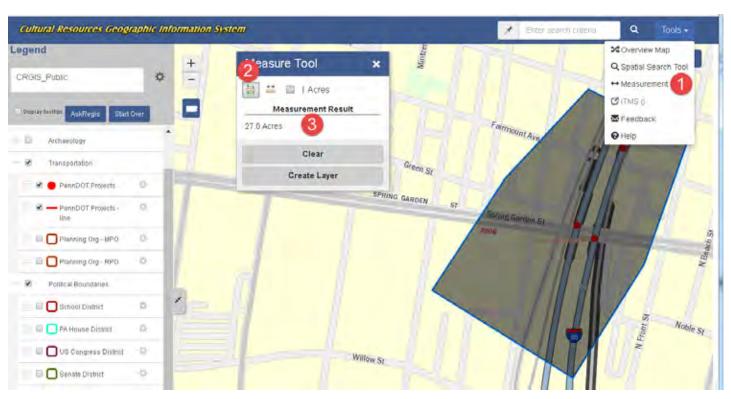


Spatial Search - Layer



- Spatial Search from Tools Menu
- 2. Click "Layer" tab
- 3. Select Layer from pull-down
- 4. Enter District Number
- 5. Select button zooms to selected object
- 6. Spatial Search button opens a new window
- 7. New window has Spatial Search information
- 8. Export button works the same as before.

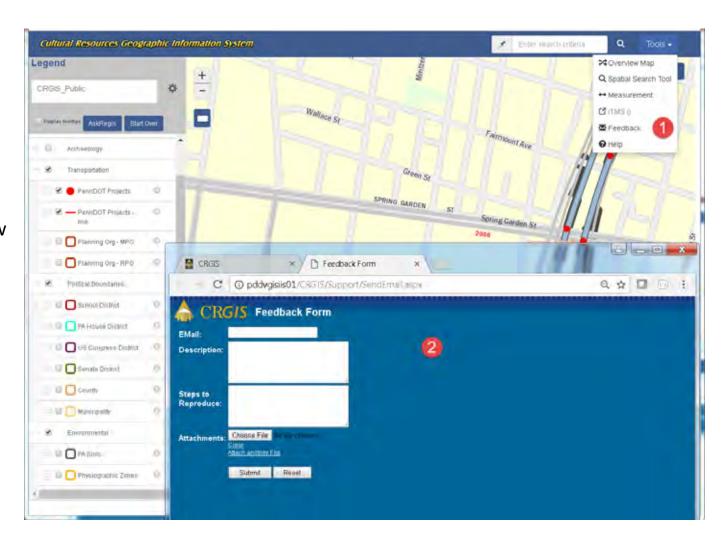
Measurement



- Measure Tool from Tools
 Menu
- 2. Select Point
 (Lat/Long) or
 Line (Length) Or
 Area and draw
 respective
 shapes on the
 map
- 3. Dimensions are displayed

Feedback Link Still Functions

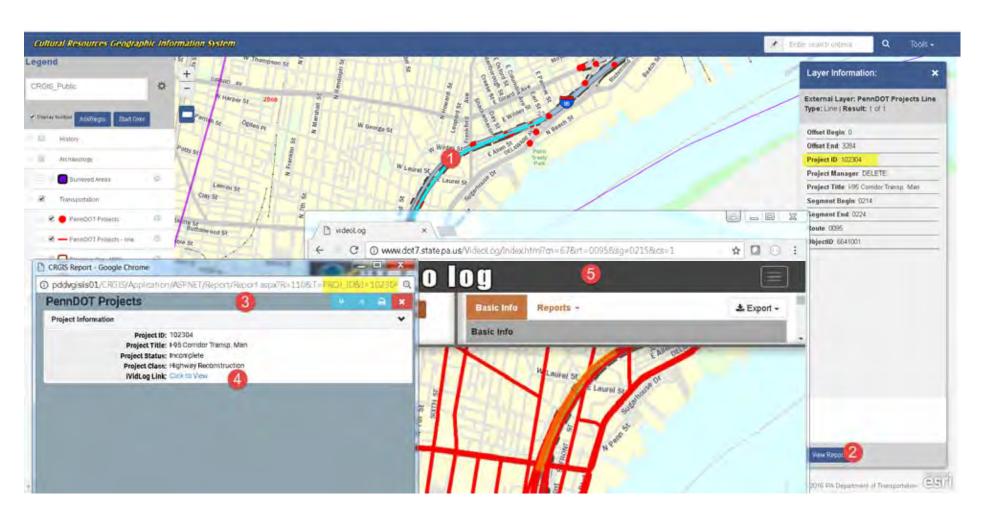
- Feedback Tool from Tools Menu
- Opens new Feedback window



PennDOT Projects

- 1. Identify one of the projects on the map
- 2. Click View Report
- 3. New Report window opens

- 4. Click "Click to View" on the report window
- 5. Opens Videolog link with the same segment selected.





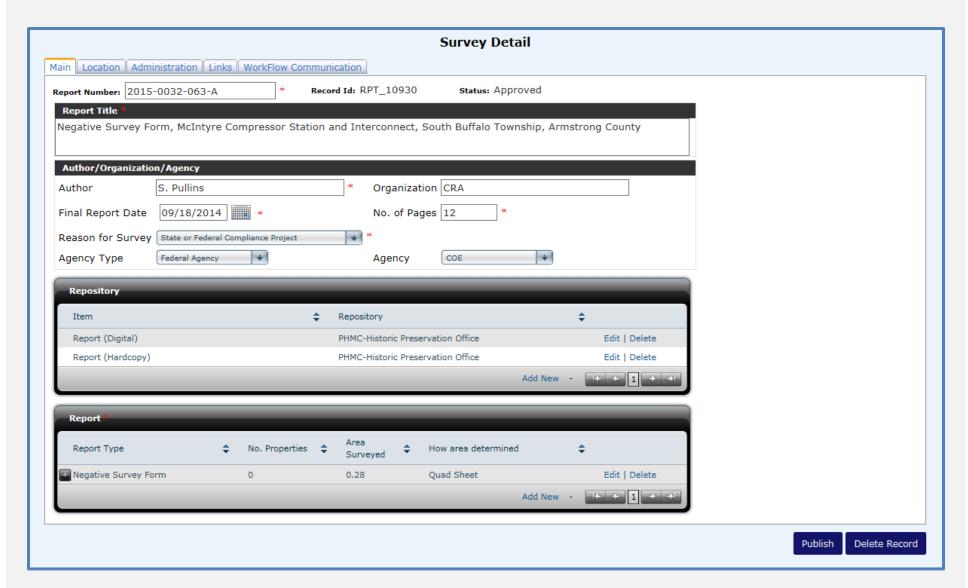


Remote Data Entry Beta Testing Coming in August:

- Must be registered user
- Above Ground large projects
- Report Summary Forms
- Archaeological Sites











Training, Tutorials, and Guidance will be available for both the maps and the data entry as they come online.

Watch our Blog and Newsletter for details.





