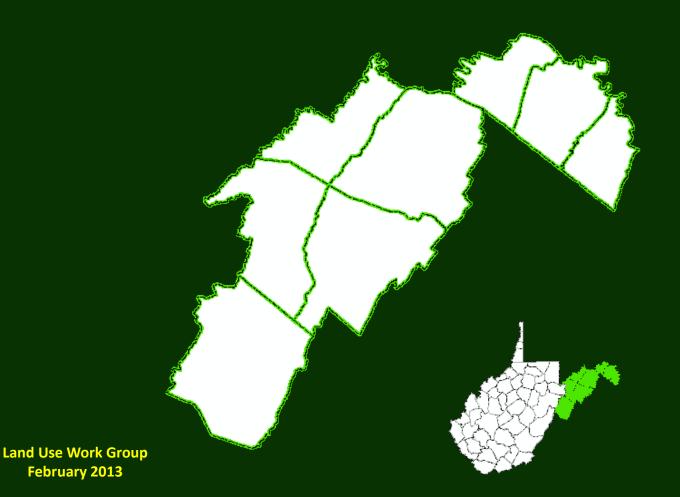
# Estimating Construction AC in WV's Chesapeake Bay Counties



## WV/NPDES Stormwater Construction General Permit WV0115924

- 1992 Earth disturbance ≤ 3 acre
- 2002 Earth disturbance ≤ 1 acre
- Exemptions:
   agricultural activities,
   logging, most oil & gas
   construction, and
   earthmoving covered
   under other NPDES
   permits, such as coal
   mining





County	2006 Acres Permitted	P5.3 Model Acres Bare-construction
Berkeley	6692.33	111.2
Grant	669.78	49.2
Hampshire	1003.67	29.1
Hardy	1398.46	46.9
Jefferson	3537.2	169.8
Mineral	385.34	18.5
Morgan	271.03	12.8
Pendleton	248.98	19.4
Total	14,206.8	457.0

P5.3.2 corrected this land use issue in the model





Hardy

**Jefferson** 

Mineral

Morgan

**Pendleton** 

#### **WV WIP 2 Milestone**

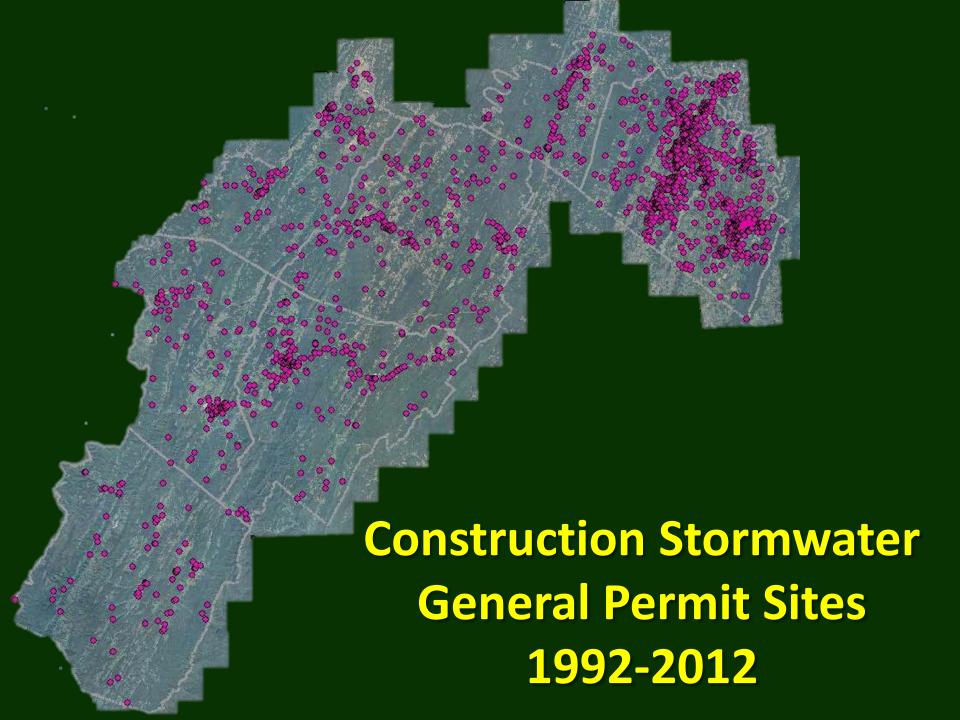
County	2012 Actual (ac)	Fu	ture Impleme	entation Goals	(ac)
	( S)	2013	2015	2017	2025
Berkeley	3433	6,066	5,000	4,000	3374
Grant	1735	2,482	2,000	1,800	1,000
Hampshire	448	300	350	350	350

2,500

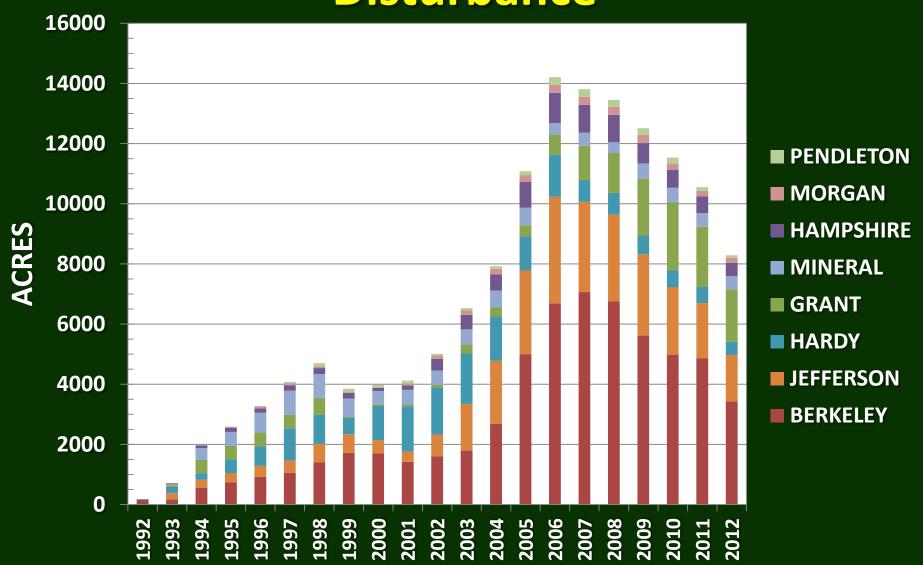
2,000

1,750

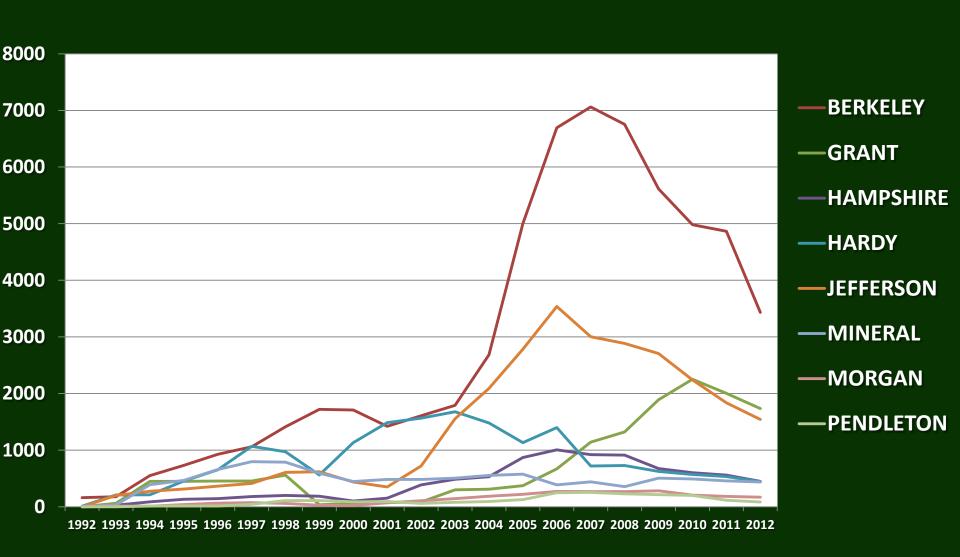
3,182



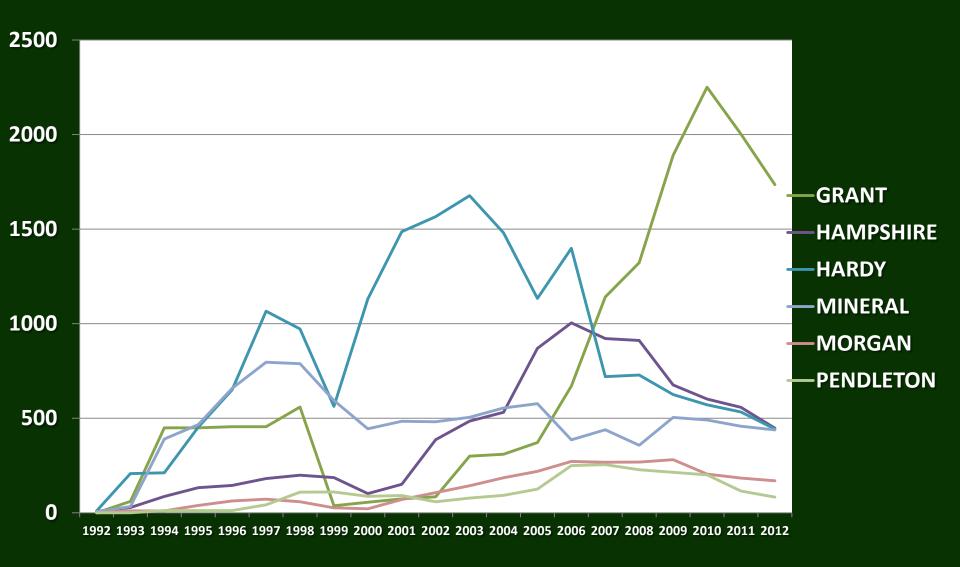
## Concurrently Permitted Acres of Disturbance

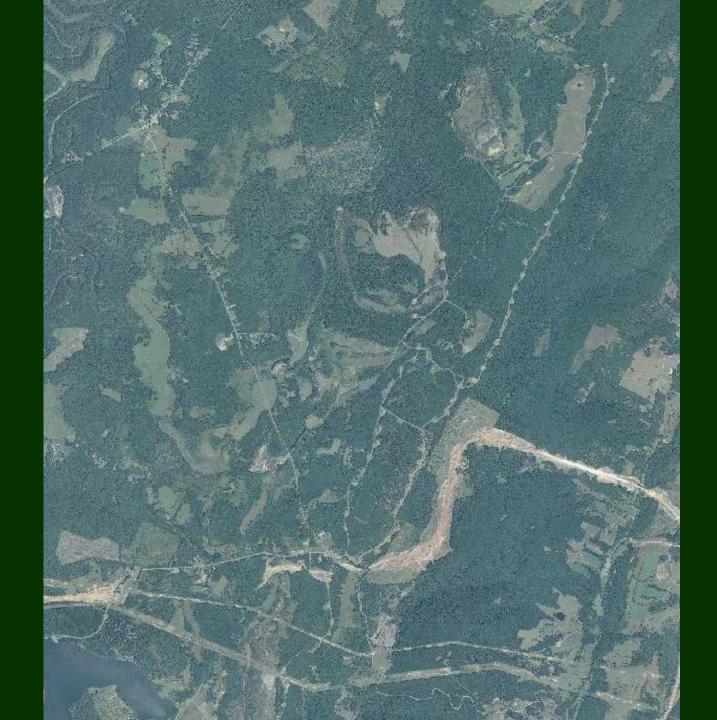


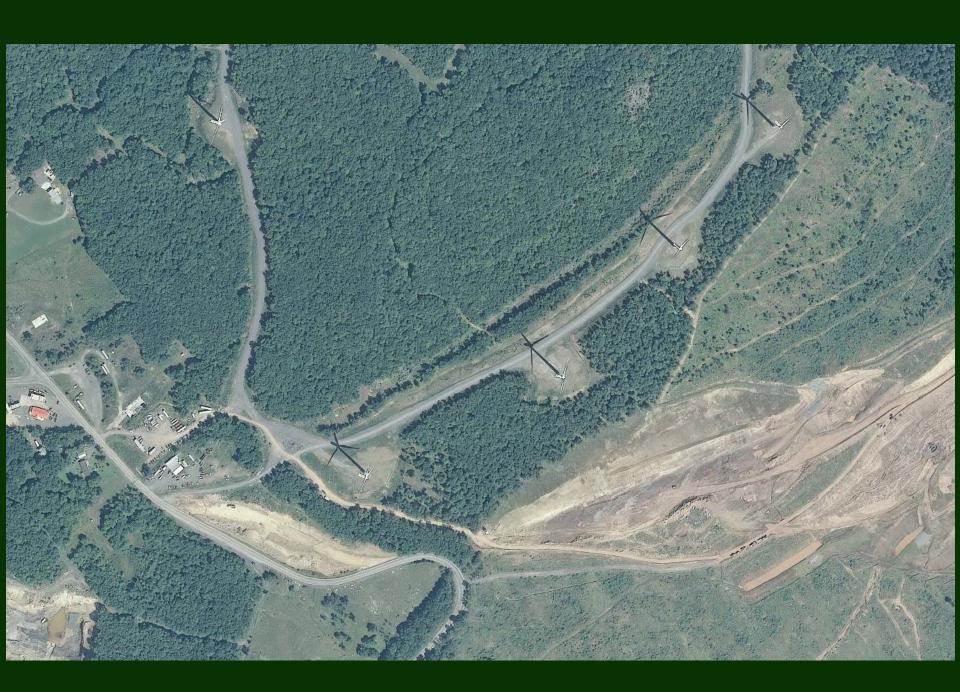
## **Concurrently Permitted Acres of Disturbance**

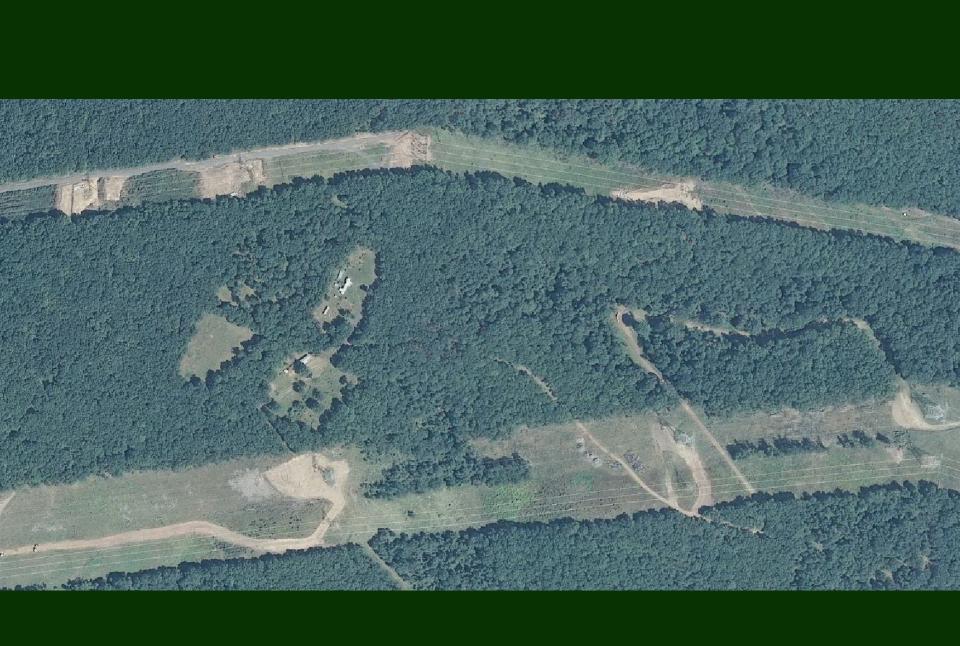


## Concurrently Permitted Acres of Disturbance

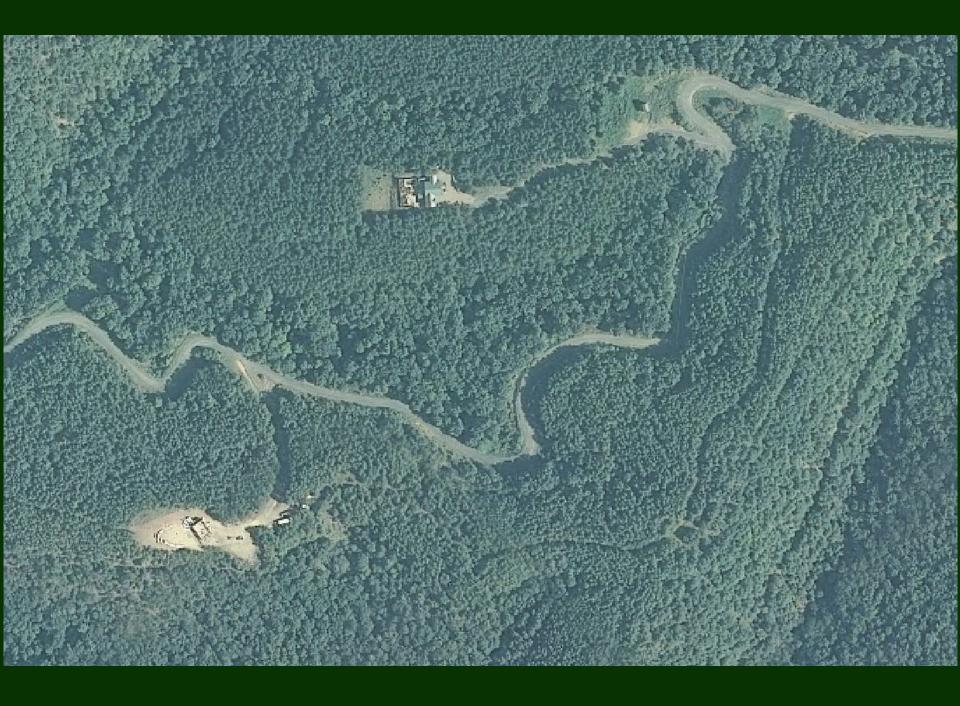








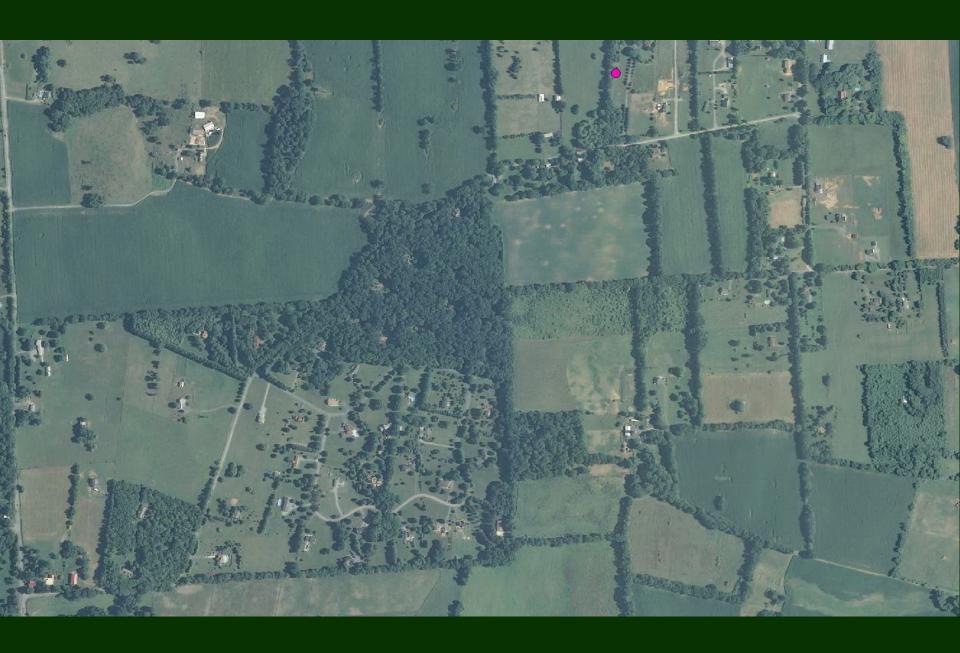












Project Name					
Section 1.a. Select t	the project type.				
This project is a	☐ new development	☐ redevelopm	nent	☐ retrofit BMP	
Section 1.b. Attach	a topographic map that outli	ines both the projec	ct boundary a	nd the limits of disturbance.	
Section 1.c. List the	e total project area and the to	otal earth disturban	nce.		
Total Project Area		ac	Total Distur	bed Area	ac
_	eloped under this permit regis f the site that may not be dist		(offsite was	d areas directly related to constr te/borrow, access roads, utility i ill be covered under this registrat	nstallation, sediment controls
	e read the land use category ent states for whichever <u>is lar</u>	•		ge 2, list the number of acres d area.	of each land use in the pre
Fallow land should a	d for the production of forage also be included in this catego aged primarily for livestock g	ory.	chine harvest	ed. The forage crop may be g	rasses and/or legumes.
be calculated by mu		ft. of stream runnir	ng through pro	ced stream that runs through oject by 70 ft. and then dividing Pasture category.	
Crop is land manage	ed for the production of row c	rops and open nurs	series.		
	reas are developed lands tha ng, other man-made materials		•	s infiltration of surface water. rock outcroppings.	Examples include concrete,
	•			s. Examples include lawns and pervious unless the ground un	
fall into one of the a agriculture and/or h	bove categories should be co	ounted as forest. Ty is broader definitior	ypically this w n is used to co	definition of forested land cov ill include any wooded or oper onform to the Chesapeake Ba	n areas that are not used for

Existing Land Use (in acres)			Proposed Land Use (in acres)	
Hay			Hay	
Pasture			Pasture	
Trampled Riparian Pasture	•		Trampled Riparian Pasture	
Crop			Crop	
Urban Impervious			Urban Impervious	
Urban Pervious			Urban Pervious	
Forest			Forest	
Unknown Land Use				
Section 2. Stormwater Managem	nent			
Is your project in a MS4 commun	ity?	□Yes	s	
Does this project's stormwater m	anagement plan	meet a volume	reduction or retention standard (choose one)?	
□1" (	apture	□Other	enter standard	
□95 <sup>t</sup>	percentile	□None		
Do you have any post construction If Yes, then complete Section 3	n stormwater ma	nagement BMP	Ps proposed? □Yes □No	
Section 2 Instructions				

#### Section 3 Instructions

- Select the BMP(s) that will be used for the project. Definitions for each BMP can be found at the end of the addendum. If the project will use more than one of a particular BMP (i.e. 3 wet ponds), please list each structure separately. Those additional BMPs can be listed at the bottom of the table or on a separate sheet of paper. Be sure to provide all requested information for each practice.
- 2. List the total amount of drainage area, in acres, that will flow through each BMP and the number of acres of impervious surface that will drain to that practice.
- 3. Locate the outlet point for the BMP. For BMPs that do not have a discernible outlet, use the approximate center point of the practice. For precision, latitude and longitude should be given to the nearest seconds. (Example: latitude 38° 18' 46", longitude 81° 34' 13"). Indicate if the coordinates reported are for the outlet or center point of that BMP.

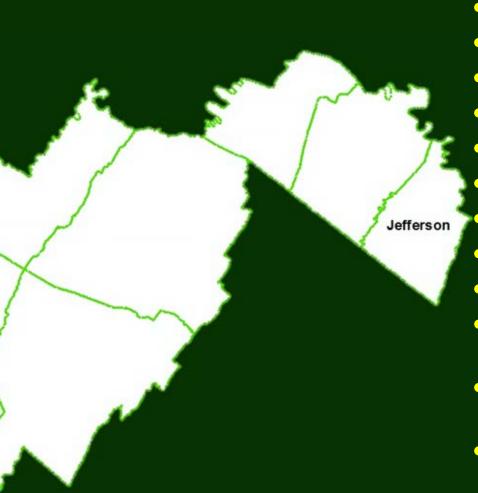


### **Jefferson County Land Use Map**



- 3 m resolution
- 2010-12 high resolution aerial imagery
- Completion date June 2013

### **Jefferson County Land Use Map**



- Forest/woodland
- Orchard
- Grass/Shrub/Fallow
- Cropland
- Pasture
- Hay
- Wetland
- Barren/Extractive
- Open Water
- Low-Intensity Pervious urban (<50%IC)</li>
- High-Intensity Pervious Urban (>50%IC)
- Low-Intensity Impervious Urban (<50%IC)</li>
- High-Intensity Impervious Urban (>50%IC)