# Conowingo Options and other updates

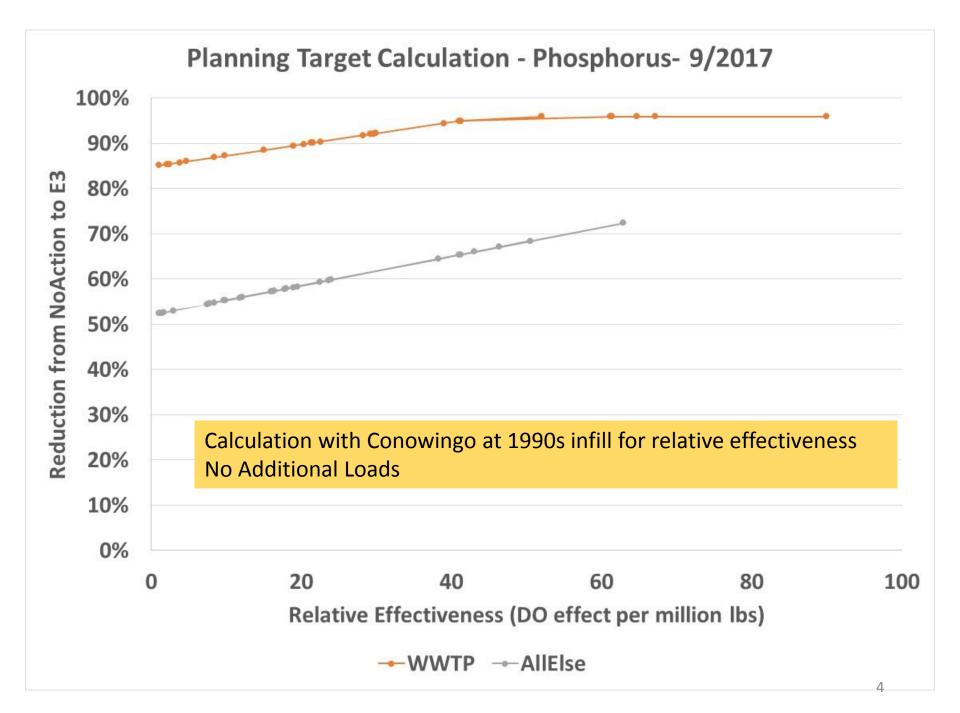
Gary Shenk CBPO WQGIT 9/26/2017

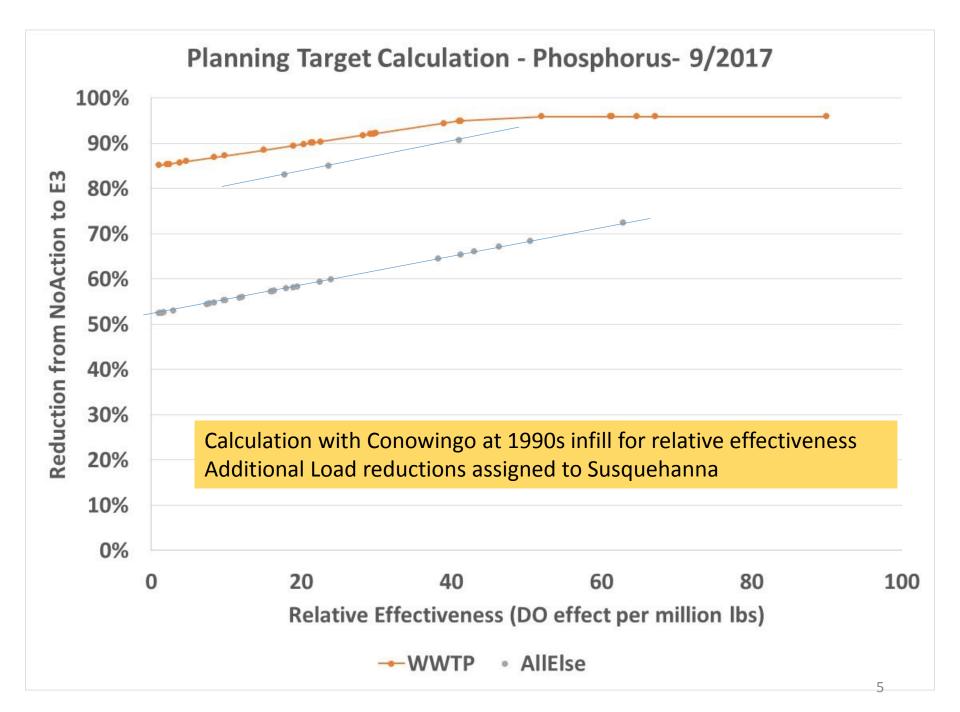
# Conowingo Decisions

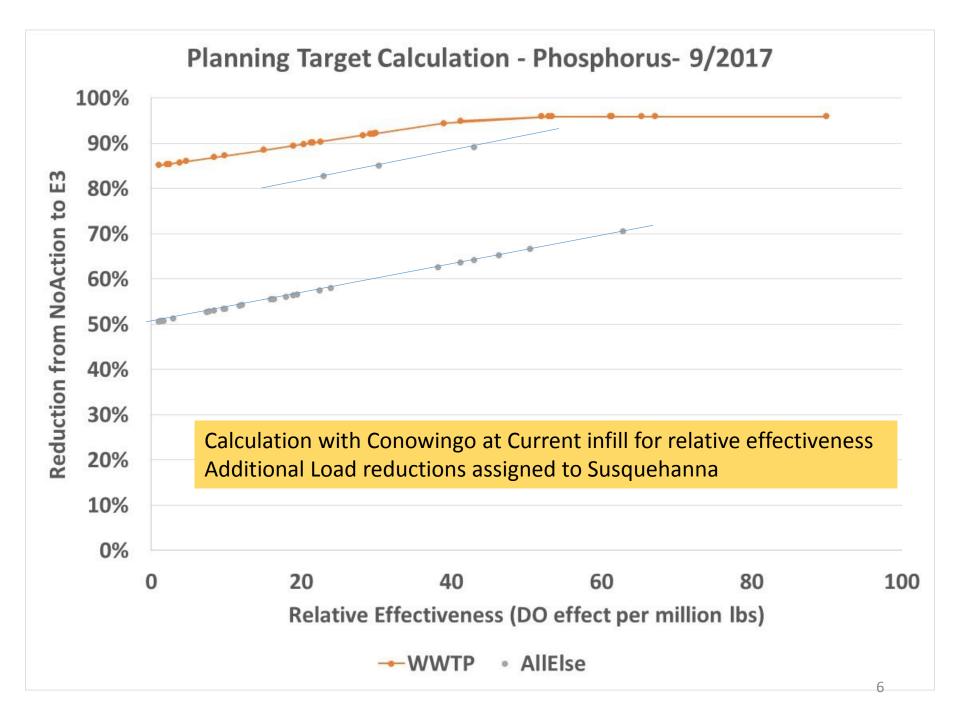
- 1990s or Current Effectiveness for base
- All Else line only
- Basins to include
  - Susquehanna Only
  - Effective Basins
    - Susquehanna
    - Upper Eastern Shore MD and PA
    - Middle Eastern Shore MD
    - Western Shore Maryland
    - Patuxent Below Fall Line
  - Susquehanna + MD + VA
  - All
- Base scenario for comparison

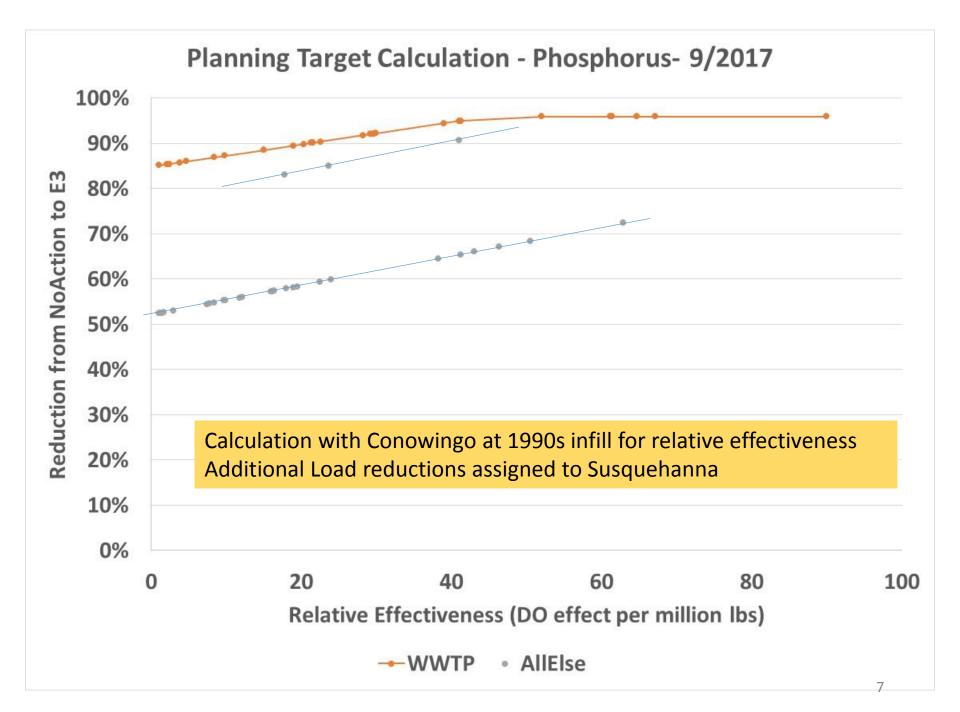
### Method

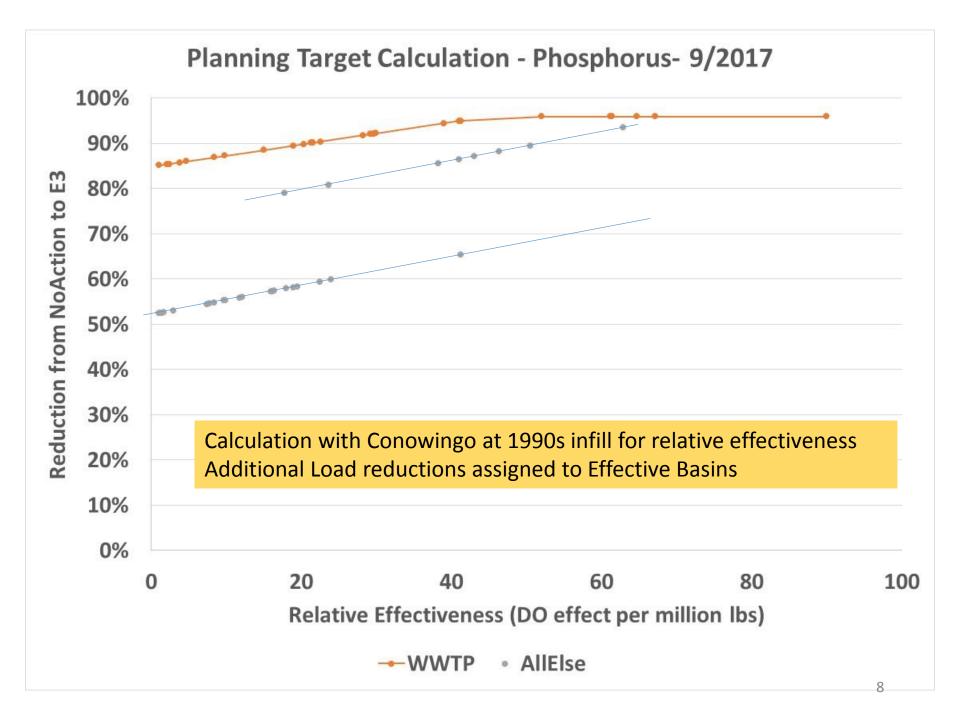
- Use relative effectiveness to calculate planning targets with Conowingo in 1990s or current state
- Calculate the additional load to be offset
- Create a second AllElse line for the set of basins

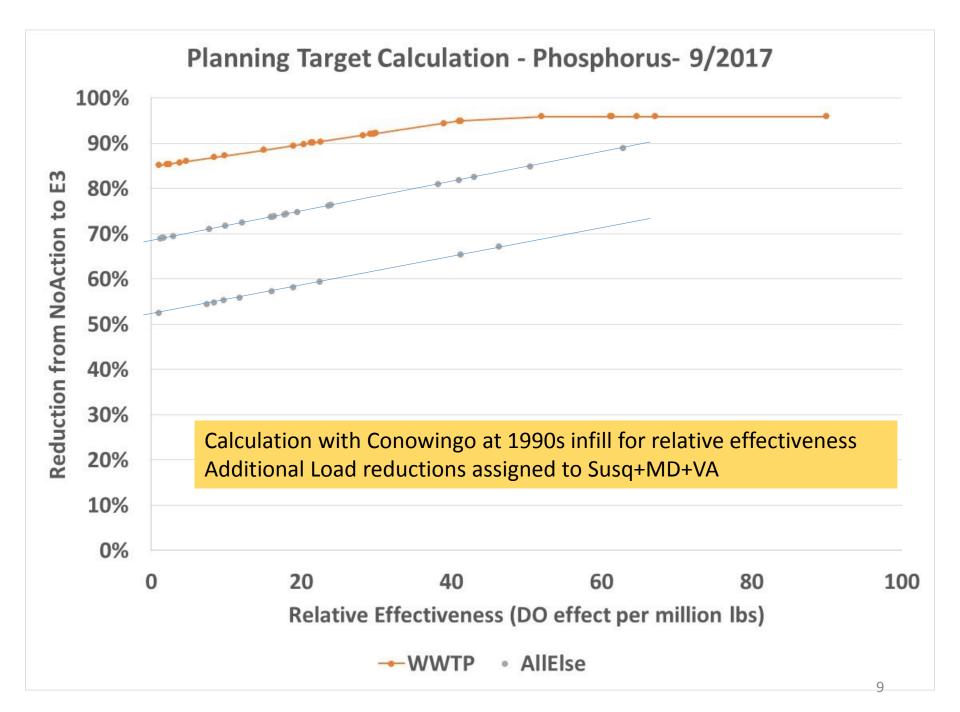


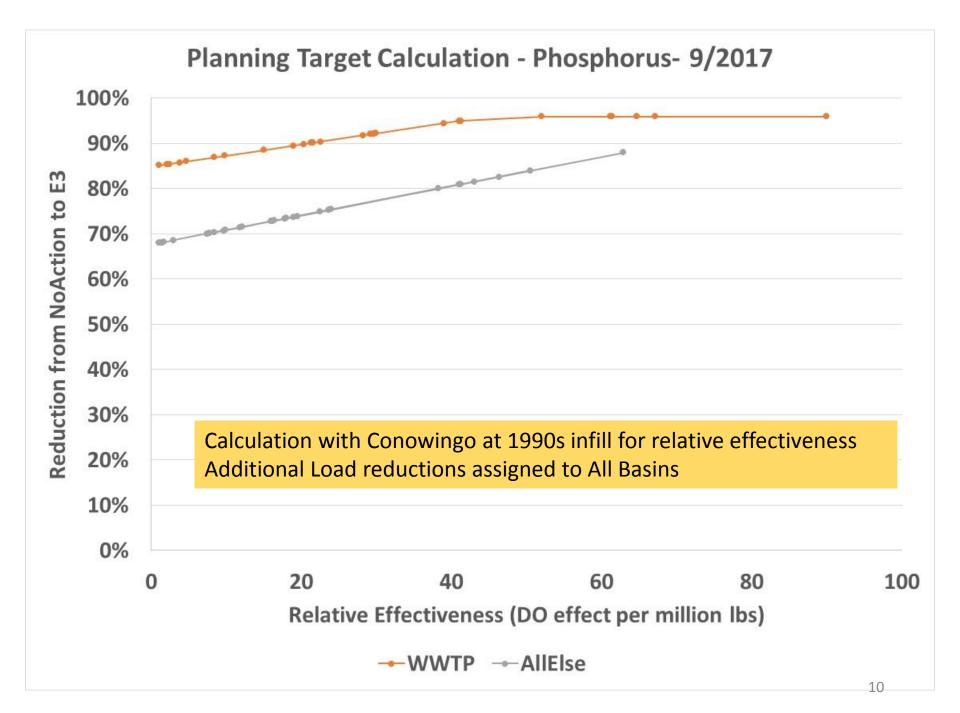






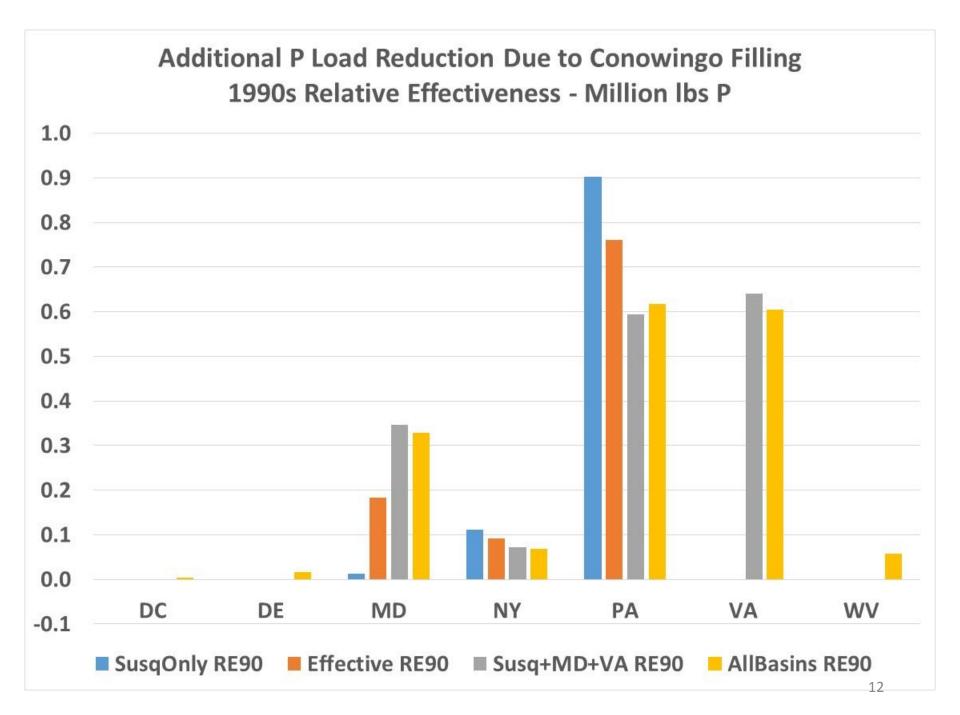


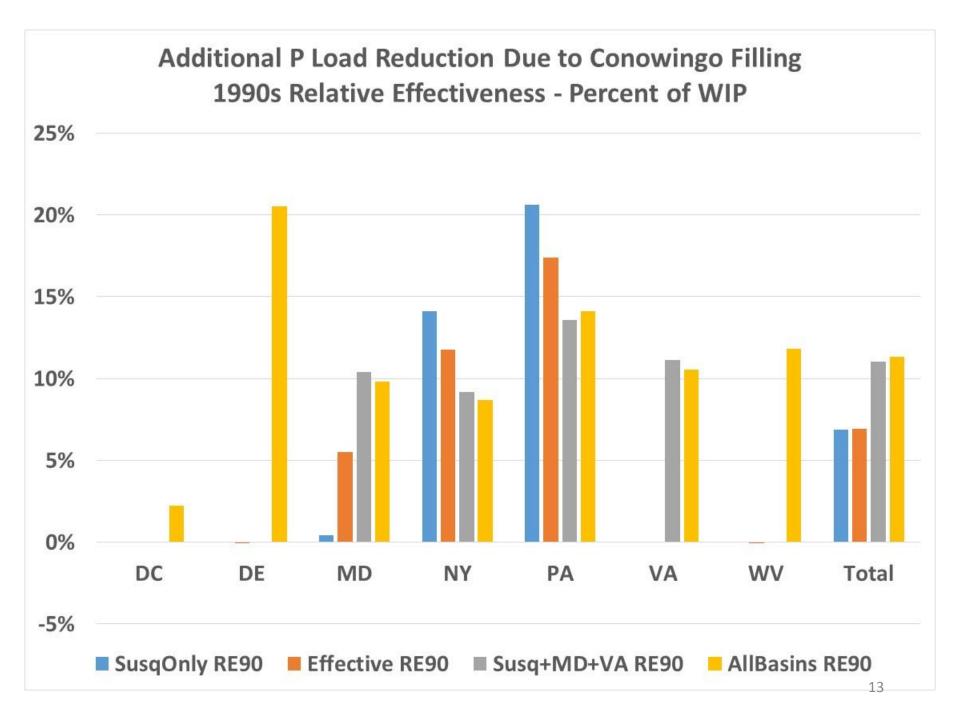


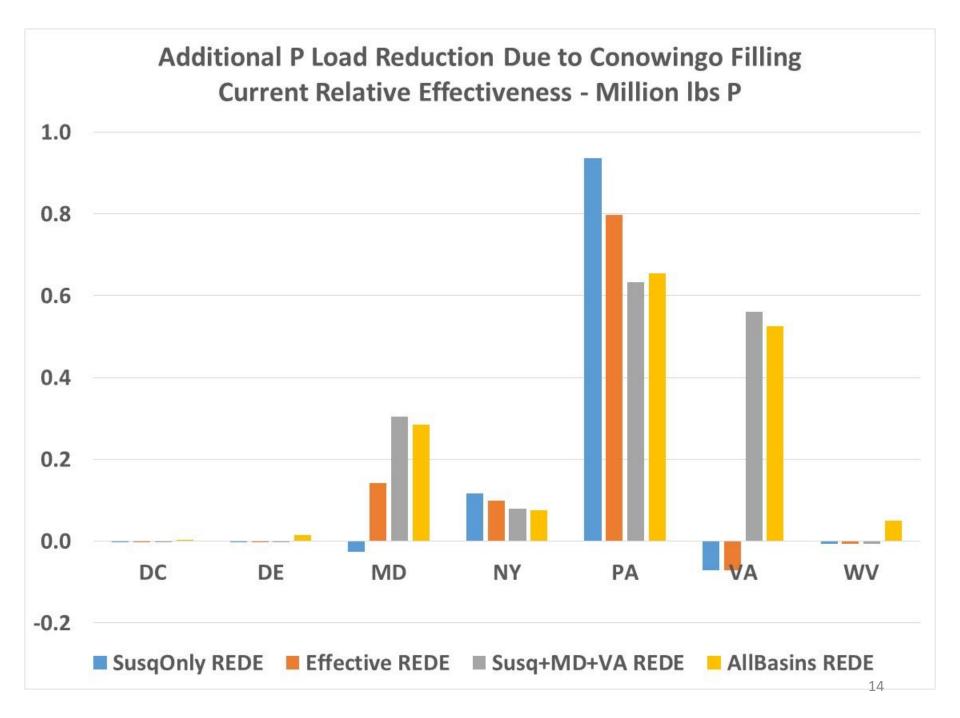


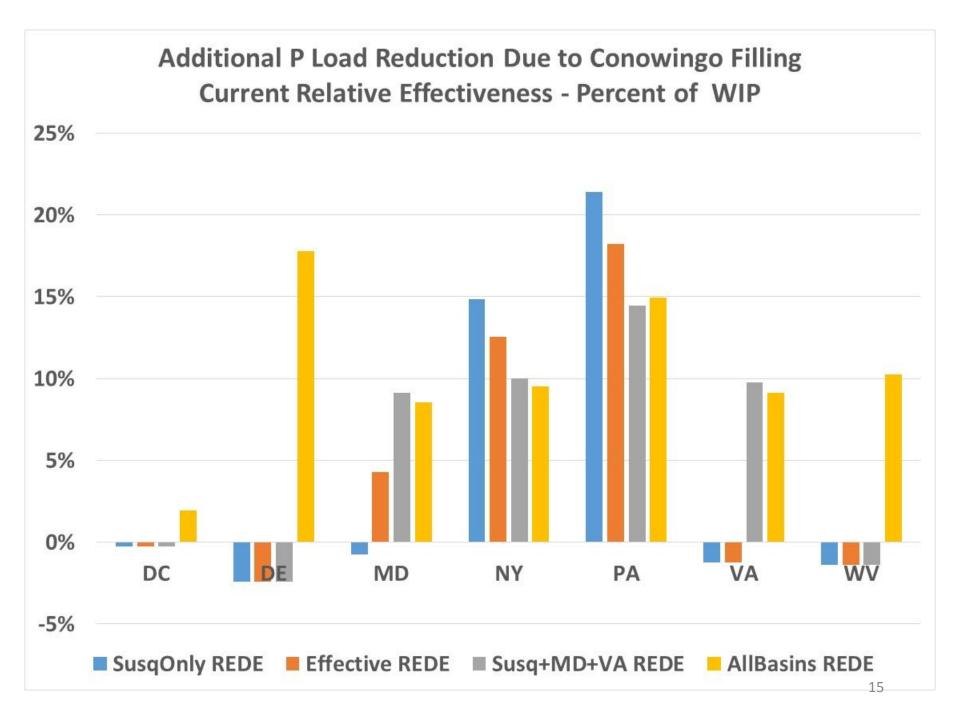
#### Susquehanna Options

-										
1	Million	SusqOnly	Effective	Susq+MD+VA	AllBasins	Million	SusqOnly	Effective	Susq+MD+VA	AllBasins
	lbs P	RE 1990s	RE 1990s	RE 1990s	RE 1990s	Ibs P	Dynamic Eq.	Dynamic Eq.	Dynamic Eq.	Dynamic Eq.
		SusqOnly RE90	Effective RE90	Susq+MD+VA RE90	AllBasins RE90		SusqOnly REDE	Effective REDE	Susq+MD+VA REDE	AllBasins REDE
D	C.	0.000	0.000	0.000	0.003	DC	0.000	0.000	0.000	0.003
DE		0.000	0.000	0.000	0.017	7 DE	-0.002	-0.002	-0.002	0.015
MD		0.013	0.184	0.347	0.328	MD	-0.025	0.143	0.304	0.285
NY		0.111	0.093	0.072	0.068	NY	0.117	0.099	0.079	0.075
PA	4	0.902	0.761	0.594	0.617	PA	0.936	0.797	0.633	0.655
VA	4	0.000	0.000	0.641	0.605	VA	-0.072	-0.072	0.561	0.525
WV		0.000	0.000	0.000	0.058	WV	-0.007	-0.007	-0.007	0.051
Total		1.026	1.038	1.655	1.697	Total	0.947	0.958	1.567	1.608
1	Percent	SusqOnly	Effective	Susq+MD+VA	AllBasins	Percent	SusqOnly	Effective	Susq+MD+VA	AllBasins
1	change	RE 1990s	RE 1990s	RE 1990s	RE 1990s	change	Dynamic Eq.	Dynamic Eq.	Dynamic Eq.	Dynamic Eq.
	to PT	SusqOnly RE90	Effective RE90	Susq+MD+VA RE90	AllBasins RE90	to PT	SusqOnly REDE	Effective REDE	Susq+MD+VA REDE	AllBasins REDE
D	2	0%	0%	0%	2%	DC	0%	0%	0%	2%
DE	E .	0%	0%	0%	21%	DE	-2%	- 2%	- 2%	18%
MD		0%	6%	10%	10%	MD	- 1%	4%	9%	9%
NY		14%	12%	9%	9%	NY	15%	13%	10%	10%
PA		21%	17%	14%	14%	PA	21%	18%	14%	15%
V	4	0%	0%	11%	11%	VA	- 1%	-1%	10%	9%
W	V	0%	0%	0%	12%	WV	- 1%	-1%	- 1%	10%
Total		7%	7%	11%	11%	Total	6%	6%	10%	11%
4										









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## Issue with Scenarios

- Missing Shoreline loads in No Action scenarios
- Raising No Action Loads means higher percentage effort across the board
- States with Shoreline better off relative to yesterday's presentation

