Phase 6 BMP	E3 Implementation Level	Approved
Nutrient Management Core N, Nutrient Management Core P	100% of all available agricultural land uses	Y
NM Supplemental: N and P Placement, N and P Rate, N and P Timing	100% of all available agricultural land uses	Y
Tillage Management-High Residue/Minimal Soil Disturbance	100% of row crops (excluding corn silage and soybeans), and low input speciality crops	Y
Tillage Management-Conservation Tillage	100% of select row crops including corn silage and soybeans, and high input speciality crops; excludes mushrooms, greenhouse and container nursery	Y
Tillage Management-Low Residue Tilage	100% of select high input speciality crops including potatoes, peanuts, tobacco; excludes mushrooms, greenhouse and container nursery	Y
Cover Crop	81% of row crops; not associated with small-grain production and high input specialty (excludes murshroom, greenhouse and container nursery; early, drilled, rye	Y
Commodity Cover Crop	19% of row crops; associated with small-grain production; early, drilled, wheat	Y
Cover Crop Composite	100% of row crops and high input speciality crops; excludes mushroom, greenhouse, and container nursery	Y
Off Stream Watering Without Fencing	100% of all available livestock pasture	Y
Prescribed Grazing	100%; includes PIRG acres	Y
Forest Buffer-Streamside with Exclusion Fencing	***Pasture land within 30m of all streams and rivers that's unbuffered - from high-resolution land cover (originally 5% of pasture for Phase6, 10% for Phase5)***	Y
Pasture Management Composite	100%	Y
Forest Buffers	***Crop land within 30m of all streams and rivers that's unbuffered - from high-resolution land cover (6% of cropland for Phase6, 15% for Phase5)***	Y
Wetland Restoration	1% of available crops and pasture	Y
Land Retirement to Ag Open Space and to Pasture	7% of available crops and pasture	Y
Tree Planting	1% of available crops and pasture	Y
Agricultural Land Conversion	Total land use change not to exceed 15%	
Alternative Crops	1% of row crop	Y
Soil Conservation and Water Quality Plans	100% over all available agricultural land uses	Y
Manure Injection	***Will be added based on applicable land use and manure type availability (0% Row with Manure)***	***Y***
Manure Incorporation; Low Disturbance	***Will be added based on applicable land use and manure type availability (100% Row with Manure)***	***Y***
Manure Transport	***Will be added based on excess of crop goal; Includes benefits of Manure Treatment Technologies***	***Y***
Crop Irrigation Management	***Will be added if approved***	***N***
Livestock Waste Management Systems	100% of all livestock production areas	Y
Poultry Waste Management Systems	100% of all poultry production areas	Y
Animal Waste Management Systems	100%	Y
Livestock Mortality Composting	100% of all livestock mortality	Y
Poultry Mortality Composting	100% of all poultry mortality	Y
Mortality Composting	100%	Y
Barnyard Runoff Control	100% of all large animal livestock facilities	Y
Loafing Lot Management	100% of all large animal livestock facilities	Y
Animal Feed Operations	100%	Y
Dairy Precision Feeding and/or Forage Management N	100% of Dairy @ TN = 24% reduction	Y
Dairy Precision Feeding and/or Forage Management P	100% of Dairy @ TP = 28% reduction	Y
Biofilters and Lagoon Covers	100% of Dairy and Swine, excludes manure storage for dry manure/stackable manure	Y
Non-Urban Stream Restoration	***15% of agriculture stream miles are restored @ twice the default Stream Restoration value***	***Conditions***
	Stream miles from Chesapeake Conservancy synthetic data layer at lower order than National Hydrography Dataset (NHD)	
Shoreline Erosion Control	***Any practice along agriculturally-dominated tidal shorelines that prevents and/or reduces tidal sediments to the Bay.***	***Y***
	Shoreline practices can include living shorelines, revetments and/or breakwater systems and bulkheads and seawalls	
	Using new buffer data set of buffered:unbuffered shoreline to define domain	