

# Agricultural Conservation Technical Training

## *Level II Training*

### April 23 – 27, 2018

### Draft Agenda

<b>Monday</b> (Facilitator – Pete Vanderstappen) Evaluation reminder statement			
<b>Location – Keystone Conference Center, FITG</b>			
9:00–10:00 a.m.	Registration @ Keystone Conference Center	Shannon Wehinger, PACD	
10:00 a.m.	Open and Introductions  Welcome, Conservation Concerns, and Safety	Pete Vanderstappen, NRCS Acting State Conservation Engineer  Denise Coleman, NRCS State Conservationist	
10:30 a.m.	Welcome and Remarks  Comments from the Secretary	Karl Brown, Executive Secretary, State Conservation Commission, Russell Redding, PA Secretary of Agriculture,	
11:30 p.m.	Lunch (at Keystone Conference Center)		
12:00 p.m.	Photo	<b>Group Photo and Pretest</b>	
<b><u>Agronomy</u></b> (Facilitator – Mark Goodson)			
12:30 p.m.	Soil Health Introduction & Soil Biology 101	Mark Goodson / Tyson Myers / Lindsey Bream	<b>Tab 1</b>
2:00 p.m.	Travel to Kaylor Farm		
2:30 p.m.	Soil Health Evaluation Field Stations (Leave field by 3:45)	Lindsey Bream, Tyson Myers, Mark Goodson	
4:30 p.m.	Arrive back at Keystone Conference Center. Leave lot by 4:45		
4:45 - ? (optional)	Forestry at FITG	Peter Hoagland and Tim Haydt	
<b><u>Engineering</u></b> (Facilitator –Bob Deecki)			
12:30 p.m.	Engineering - Engineering Use/ID of Soils	Robert Deecki, John Chibirka, Jared Boger	<b>Tab 1</b>
3:15 p.m.	Travel to Local Farm with Afternoon Break (boxed)	Robert Deecki, John Chibirka, Jared Boger	
4:30 p.m.	Arrive back at Keystone Conference Center. Leave lot by 4:45		
4:45 - ? (optional)	Forestry at FITG	Peter Hoagland and Tim Haydt	

Tuesday				
Location – Keystone Conference Center, FITG				
<u>Agronomy</u> (Facilitator - Joe Kraft) Evaluation reminder statement - <b>Bring Laptops</b>				
7:30 a.m.	Universal Soil Loss Equation A=RKLSCP		Joe Kraft	Tab 2
8 a.m.	Depart for Training Farm (TBD Farm)			Tab 2
8:30 a.m.	Biosecurity, count-off, head to stations		Joe Kraft	
9:00-12:45 pm	Rotations (Soils, Agronomy)		Joe Kraft, Mark Goodson, Kris Ribble	
9:00-10:30	Soils – Group A	Soils – Group B		
Switch (15 min)	Agronomy Group A	Agronomy Group B		
10:45 – 12:15				
12:15-1:00p.m.	Box Lunch / biosecurity			
1:00-1:30	Travel back to KEYSTONE CONFERENCE CENTER and settle down			
1:30-2:00	Wrap up from the field		Mark Goodson	
2:00-4:00	RUSLE2 Intro / example / hands-on plug-and-chug		Mark Goodson / Joe Kraft	
4:00-4:30	Q&A / Wrap-up/Leave lot by 4:45			
4:45 - ? (optional)	Stream Ecology (Bring Rubber Boots) Location: Stream located at end of conference center driveway @ road		Joseph Hovis and Jim Gillis	
<u>Engineering</u> (Facilitator – Don Murray) <b>Bring Laptops</b> Evaluation reminder statement				
7:30 a.m.	Hydraulics		Don Murray/Tim Peters	Tab 2 Bring Laptops
9:30 a.m.	Morning break (at KEYSTONE CONFERENCE CENTER)			
9:45 a.m.	Hydraulics continued, Design of Practices		Don Murray/ Tim Peters	
11:45 a.m.	Lunch (at KEYSTONE CONFERENCE CENTER)			
12:30 p.m.	Travel to Geesaman Farm		Don Murray/ Tim Peters	
2:15 p.m.	Afternoon Break (at Geesaman Farm) Depart farm at 2:30 p.m.			
2:45-4:30 p.m.	Class Example Problem (at KEYSTONE CONFERENCE CENTER) Pack up and leave lot before 5:00		Don Murray/ Tim Peters	
4:45 - ? (optional)	Stream Ecology (Bring Rubber Boots) Location: Stream located at end of conference center driveway @ road		Joseph Hovis and Jim Gillis	

<b>Wednesday</b>			
<b>Location – Keystone Conference Center, FITG</b>			
<b><u>Agronomy</u></b> (Facilitator – Susan Parry) Evaluation reminder statement			
7:30 a.m.	Pasture Planning, Forages & Rotational Grazing	Susan Parry / Dan Ludwig	<b>Tab 3</b>
10:00 a.m.	Morning Break (at KEYSTONE CONFERENCE CENTER)		
12:15 p.m.	Lunch (at KEYSTONE CONFERENCE CENTER)		
12:45 p.m.	Board vehicles for Bomgardner Farm	Susan Parry/Dan Ludwig	
1:00 p.m.	Pasture Walk: Grazing System Practices	Susan Parry, Dan Ludwig and Matt Bomgardner (op.)	
2:30 p.m.	Break (boxed)		
2:45 p.m.	Forage ID, DM Estimation, Pasture Condition Scoring, Soil Health	Susan Parry, Dan Ludwig and Matt Bomgardner (op.)	
4:00 -4:30 p.m.	Board vehicles for return to Keystone Conference Center. Leave lot before 5:00		
<b><u>Engineering</u></b> (Facilitator – Jerry Whiteside) Evaluation reminder statement			
7:30 –11:45 a.m.	Board vehicles, visit to farms and travel to quarry-Construction Materials & Quality Assurance/Human Side of Quality Assurance	Jerry Whiteside/Craig Krotzer	<b>Tab 3</b>
11:45am – 2:15pm	Quarry site visit and Lunch (boxed) (potty)	Jerry Whiteside/ Craig Krotzer	
2: 15– 2:30 p.m.	Travel to concrete plant		
2:30 – 3:30 p.m.	Concrete plant site visit (potty)		
3:30 – 4:30 p.m.	Farm Visit and head back		
4:30 p.m.	Arrive at Keystone Conference Center and leave lot before 5:00		

<b>Thursday</b> (Facilitator – Pete Vanderstappen) <i>Agronomy and Engineering – Together!</i> Evaluation reminder statement			
<b>Location – Keystone Conference Center, FITG</b>			
7:30a.m.	Integrating Social and Physical Factors in Conservation Planning	Gwendolyn Crews	<b>Tab 7</b>
8:15 a.m.	Ag Waste Planning	Pete Vanderstappen	<b>Tab 6</b>
9:00 a.m.	Forestry Overview	Peter Hoagland	<b>Tab 5</b>
9:30 a.m.	Conservation Planning – Inventory and Evaluation ( <i>Scenario Groups</i> )	Gwendolyn Crews	<b>Tab 5</b>
10:00 a.m.	Morning Break (at KEYSTONE CONFERENCE CENTER – <i>Clean up, break down tables, pack up supplies</i> )		
10:15 a.m.	Board vehicles for Hostetter Farm site visit then travel to TBD Farm	Pete Vanderstappen	
12:00 p.m.	Lunch (boxed)		
12:45 p.m.	Field Exercises at TBD Farm – 4 Rotations; Grazing, Farmstead, Cropland & Forestry	Grazing – Dan Ludwig Farmstead – Pete V. Cropland – Mark Goodson Forestry – Peter Hoagland	
12:45 – 1:15 p.m. <i>Switch (10 min)</i> 1:25 – 1:55 p.m.	Crop – Group A	Crop – Group B	
	Forestry – B	Forestry – A	
	Pasture – Group C	Pasture – Group D	
	Headquarters – D	Headquarters – C	
1:55 p.m.	Afternoon Break (boxed)		
2:10 p.m.	Field Exercises at <u>TBD</u> Farm – 4 Rotations; Grazing, Farmstead, Cropland & Wildlife	Grazing – Dan Ludwig Farmstead – Pete V. Cropland – Mark Goodson Forestry – Peter Hoagland	
2:10 – 2:40 p.m. <i>Switch (10 min)</i> 2:50 – 3:20 p.m.	Crop – Group C	Crop – Group D	
	Forestry – D	Forestry – C	
	Pasture – Group A	Pasture – Group B	
	Headquarters – B	Headquarters – A	
3:20 p.m.	Wildlife Field Exercise	Jim Gillis	
4:00 – 4:30 p.m.	Board vehicles for return to Keystone Conference Center. Clean up and leave lot before 5:00	Meeting moving to Holiday Inn on Friday	

<b>Friday</b> (Facilitator – Jim Gillis) <i>Agronomy and Engineering Together!</i> Evaluation reminder statement			
<b>Location – Holiday Inn, Grantville</b>			
7:30 a.m.	Review of Resource Concerns (together)	Mark Goodson / Pete V. / Dan Ludwig / Jim Gillis / Peter Hoagland	
	Conservation Planning: Developing Alternatives - Presentations (in scenario groups)	Mark Goodson / Pete V. / Dan Ludwig / Jim Gillis / Peter Hoagland	
9:30 a.m.	Morning Break ()		
11:00 a.m.	Wrap-up – Tying it all together	Mark Goodson / Pete V. / Dan Ludwig / Jim Gillis / Peter Hoagland	
11:15 a.m.	Closing Thoughts & Certificates	Conservation Partnership	
11:30 p.m.	Boxed Lunch – Have a safe trip home!		