

Agricultural Conservation Technical Training

Level II Training

April 27 – May 1, 2020

Agenda

Monday (Facilitator – Pete Vanderstappen) Evaluation reminder statement			
Location – Keystone Conference Center, FITG			
9:00–10:00 a.m.	Registration @ Keystone Conference Center	Shannon Wehinger, PACD	
10:00 a.m.	Open Comments by Secretary Redding	Denise Coleman, NRCS State Conservationist Russell Redding, PA Secretary of Agriculture,	
10:30 a.m.	Welcome and Remarks	Karl Brown, Executive Secretary, State Conservation Commission,	
11:00 a.m.	Wok Safety and Biosecurity	Pete Vanderstappen	
11:30 p.m.	Lunch (at Keystone Conference Center)		
12:00 p.m.	Photo	Group Photo and Pretest	
<u>Agronomy</u> (Facilitator – Mark Goodson)			
12:30 p.m.	Soil Health Introduction & Soil Biology 101 / soil quality demonstrations	Mark Goodson, Tyson Myers	
2:00 p.m.	Travel to Kaylor Farm		
2:30 p.m.	Farm Visit (Leave field by 3:45)	Tyson Myers, Mark Goodson	
4:30 p.m.	Arrive back at Keystone Conference Center. Leave lot by 4:45		
4:45 -6:45 (optional)	Forestry at FITG	Peter Hoagland and Jarrid Doyle	
<u>Engineering</u> (Facilitator – Tim Peters)			
12:30 p.m.	Engineering – Hydraulics Presentation	Tim Peters / Pamela Smith	
2:30 p.m.	Break (CONFERENCE CENTER)		
2:45 p.m.	Travel to Geesaman Farm (Leave field by 4:00)	Tim Peters / Pamela Smith	
4:15 p.m.	Field trip wrap-up (CONFERENCE CENTER)	Tim Peters / Pamela Smith	
4:45 - ? (optional)	Forestry at FITG	Peter Hoagland and Jarrid Doyle	

Tuesday						
Location – Keystone Conference Center, FITG						
<u>Agronomy</u> (Facilitator – Yuri Plowden) Evaluation reminder statement - Bring Laptops						
7:30 a.m.	Soil Geomorphology – Preview of Soils Pit	Yuri Plowden				
8:00	Depart for Training Farm (Heagy Farm)					
8:30	Biosecurity, count-off, head to stations	Yuri Plowden				
9:00-12:00 pm	Rotations (Soils, Agronomy)					
9:00-9:50 Switch (10 min) 10:00 – 10:50 Switch (10 min) 11-11:50	<table border="1"><tr><td>Soils</td></tr><tr><td>Agronomy 1</td></tr><tr><td>Agronomy 2</td></tr></table>	Soils	Agronomy 1	Agronomy 2	Yuri Plowden, Mark Goodson, Kris Ribble, Mark Myers	
Soils						
Agronomy 1						
Agronomy 2						
12:00-12:45	Travel back to KEYSTONE CONFERENCE CENTER					
12:45-1:30	Lunch (at KEYSTONE CONFERENCE CENTER)					
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 / Yuri Plowden				
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 – Tim Peters) Bring Laptops Evaluation reminder statement						
7:30 a.m.	Hydraulics – Design of Practices	Tim Peters	Bring Laptops			
8:15 a.m.	Class Example Problem	Tim Peters				
9:30 a.m.	Morning Break (CONFERENCE CENTER)					
9:45 a.m.	SOILS – Engineering Use, Soils ID Presentations	Hosea Latshaw/ Tim Peters /Melissa Hanner				
11:45 a.m.	Lunch (at KEYSTONE CONFERENCE CENTER)					
12:30 p.m.	Soils – Hands on soil identification (Properties and Texturing)	Hosea Latshaw/ Tim Peters /Melissa Hanner				
2:15 p.m.	Afternoon Break (CONFERENCE CENTER)					
2:30-4:30 p.m.	Travel to Heagy Farm – Soil pits	Hosea Latshaw/ Tim Peters /Melissa Hanner				
4:45 - ? (optional)	Stream Ecology (Bring Rubber Boots) Location: Stream located at end of conference center driveway @ road	Joseph Hovis and Jim Gillis				

Wednesday			
Location – Keystone Conference Center, FITG			
<u>Agronomy</u> (Facilitator – Dan Ludwig) Evaluation reminder statement			
7:30 a.m.	Pasture Planning, Forages & Rotational Grazing	Dan Ludwig / Susan Parry	
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		
1:00 p.m.	Pasture Walk: Grazing System Practices	Dan Ludwig, Susan Parry, and Matt Bomgardner (op.)	
2:30 p.m.	Break (boxed)		
2:45 p.m.	Forage ID, DM Estimation, Pasture Condition Scoring, Soil Health	Dan Ludwig, Susan Parry, and Matt Bomgardner (op.)	
4:00 -4:30 p.m.	Board vehicles for return to Keystone Conference Center. Leave lot before 4:45		
<u>Engineering</u> (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	
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 4:45		

Thurs day (Facilitator – Pete Vanderstappen)							
Agronomy and Engineering – Together! Evaluation reminder statement							
Location – Keystone Conference Center, FITG							
7:30a.m.	Integrating Social and Physical Factors in Conservation Planning	Gwendolyn Crews					
8:15 a.m.	Ag Waste Planning	Pete Vanderstappen / Tim Peters					
9:00 a.m.	Forestry Overview	Peter Hoagland					
9:30 a.m.	Conservation Planning – Inventory and Evaluation (<i>Scenario Groups</i>)	Gwendolyn Crews					
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 Struphar Farm	Pete Vanderstappen					
12:00 p.m.	Lunch (boxed)						
12:45 p.m.	Field Exercises at Struphar Farm – 4 Rotations; Pasture, Farmstead, Crop & Forest	Grazing – Dan Ludwig, Susan Parry Farmstead – Pete V./ Peters Cropland –Mark Goodson Forestry – Peter Hoagland					
12:45 – 1:15 p.m. Switch (10 min) 1:25 – 1:55 p.m.	<table><tr><td>Crop – Group A</td><td>Crop – Group B</td></tr><tr><td>Forest – B</td><td>Forest – A</td></tr></table>			Crop – Group A	Crop – Group B	Forest – B	Forest – A
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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>Struphar</u> Farm – 4 Rotations; Pasture, Farmstead, Crop & Forest	Grazing –Dan Ludwig, Susan Parry Farmstead – Pete V./Peters Cropland –Mark Goodson Forestry – Peter Hoagland					
2:10 – 2:40 p.m. Switch (10 min) 2:50 – 3:20 p.m.	<table><tr><td>Crop – Group C</td><td>Crop – Group D</td></tr><tr><td>Forestry – D</td><td>Forestry – C</td></tr></table>			Crop – Group C	Crop – Group D	Forestry – D	Forestry – C
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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. Leave lot before 4:45						

Friday (Facilitator – Jim Gillis)			
<i>Agronomy and Engineering Together!</i> Evaluation reminder statement			
Location – Holiday Inn, Grantville			
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 (at KEYSTONE CONFERENCE CENTER)		
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!		