

Advanced Conservation Drainage Training Program

Session One: Saturated Buffers

CLASSROOM TRAINING – JUNE 19, 2019

Parkland College - [Tony Noel Agricultural Technology Applications Center](#), Room W115

INTRODUCTION

8:00 AM	REGISTRATION AND NETWORKING - <i>Light refreshments available</i>
8:30 AM	<i>Welcome, Introductions, and Training Program Goals</i> Adrienne Marino and Megan Baskerville, The Nature Conservancy

SETTING THE STAGE – CONSERVATION DRAINAGE OVERVIEW

9:00-9:45	<i>A Landscape View of Subsurface Tile, Nutrient Loss, and Conservation Drainage</i> Jane Frankenberger, Purdue University and Transforming Drainage
9:45-10:15	<i>Edge of Field Practices and the IL Nutrient Loss Reduction Strategy</i> Keegan Kult, Agricultural Drainage Management Coalition
10:15 AM	BREAK
10:30-11:00	<i>Conservation Planning Concepts and Tools</i> Ruth Book, IL NRCS

FOCUS ON SATURATED BUFFERS: SCIENCE, STANDARDS, DESIGN, AND IMPLEMENTATION

11:00 AM	<i>The Science Behind Saturated Buffers for Nutrient Removal</i> Nathan Utt, University of Minnesota
11:45 AM	LUNCH
12:30 PM	<i>Overview of NRCS Practice Standards for Saturated Buffer</i> – Ruth Book, IL NRCS
1:00 PM	<i>Learning by Doing: Planning and Designing a Saturated Buffer</i> – Ruth Book, IL NRCS and Stephen Anderson, Water Management Solutions LLC <ul style="list-style-type: none"> • Planning: Site Evaluation • Designing • Share and Review
3:00 PM	BREAK
3:15 PM	<i>Economics of Saturated Buffers</i> Keegan Kult, ADMC and Megan Baskerville, The Nature Conservancy
3:45 PM	<i>Installing a saturated buffer: Experience from the field</i> Contractor Panel Discussion
4:30 PM	<i>Session Wrap-up: Next steps, field day logistics</i>

**GROUP HAPPY HOUR
(5:30-7:00 PM)**

FIELD DAY OPEN HOUSE – JUNE 20, 2019

John Lannon Farm, [275 N County Rd 12, Longview, IL](#)

EARLY ACCESS FOR TRAINING PARTICIPANTS

8:15 AM	<i>Assessing Site Conditions for Saturated Buffer – A Soils Investigation</i> Scott Wiesbrook, Certified Professional Soil Classifier
----------------	---

PUBLIC OPEN HOUSE

8:30-9:00	<i>Public registration</i> (light refreshments available)
9:15 AM	<u>Field Day Stations</u> <i>Saturated Buffer Installation</i> <i>Soils Properties Investigation</i> <i>Opportunities for Improving Upland Wildlife Habitat</i> <i>In-field considerations for improving water quality - S.T.A.R. Program</i> <i>Advances in Tile Technology</i>
11:00 AM	<u>Lunch (provided)</u> <i>Managing Water in a Changing Climate</i> Eric Snodgrass, Nutrien Ag Solutions
12:00 PM	End of event