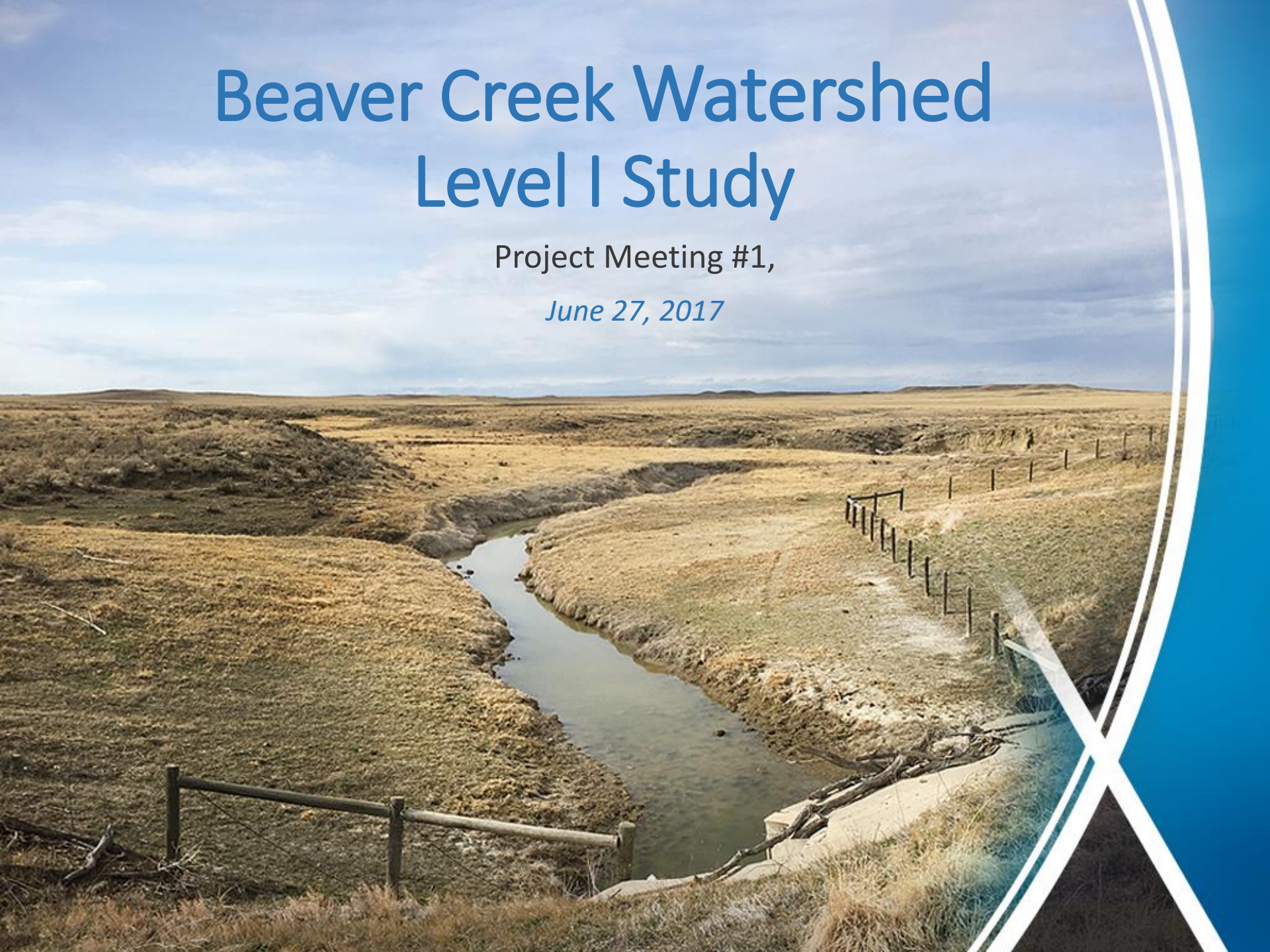


# Beaver Creek Watershed Level I Study

Project Meeting #1,

*June 27, 2017*



# WELCOME!!!

## Informational Meeting Tonight

- Who, What, When, Why, Where, and How
- Wrap up
  - Question/Answer and Open House Style

# Who is completing the study?

- Wyoming Water Development Office
  - *Funding and Project Management*
- Weston County Natural Resource District
  - *Sponsor*
- Olsson Associates and Steady Stream Hydrology
  - *Engineering Support*



# Who is Olsson Associates?



# What is a watershed study?



*The objective of a Watershed Study is to*

- *Evaluate an individual watershed's existing conditions*

*And from collaboration with landowners, stakeholders, and public outreach*

- *Develop a Watershed Management and Rehabilitation Plan*
- *To identify projects that are eligible for funding that may improve or maintain watershed function and systems*

# What do we do?

## *A Holistic Approach to Watershed Management*



- Collect watershed information
- Document and map conditions
- Identify improvements
- Develop costs and funding options

Why is the study being done?





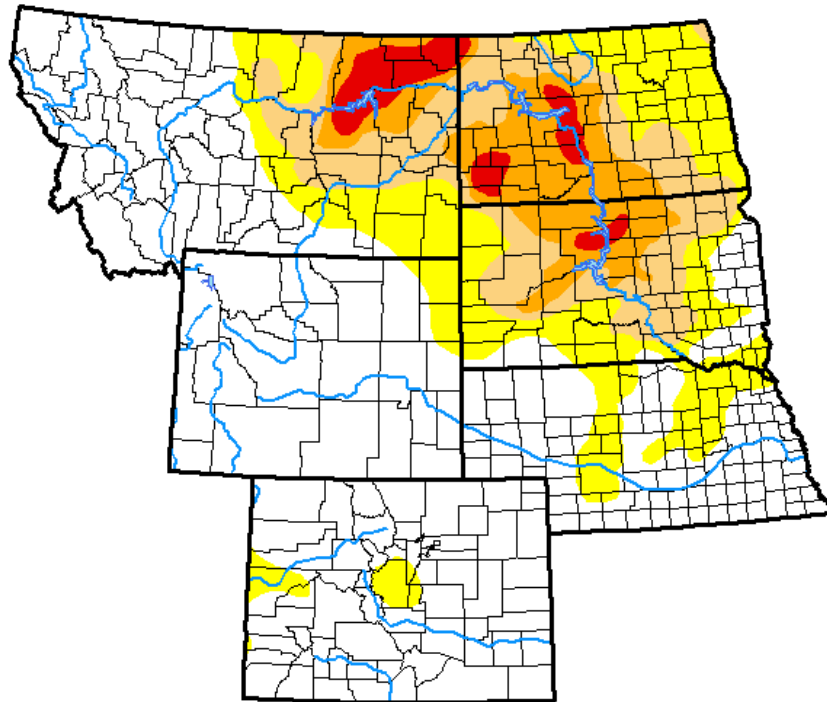


# U.S. Drought Monitor USDA Northern Plains Climate Hub

**June 20, 2017**  
(Released Thursday, Jun. 22, 2017)  
Valid 8 a.m. EDT

*Drought Conditions (Percent Area)*

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
<b>Current</b>	60.24	39.76	22.13	10.80	2.86	0.00
<b>Last Week</b> <i>06-13-2017</i>	65.98	34.02	21.59	7.66	0.00	0.00
<b>3 Months Ago</b> <i>03-21-2017</i>	74.31	25.69	13.05	0.93	0.04	0.00
<b>Start of Calendar Year</b> <i>01-03-2017</i>	61.47	38.53	15.95	1.47	0.00	0.00
<b>Start of Water Year</b> <i>09-27-2016</i>	62.66	37.34	14.21	3.88	0.23	0.00
<b>One Year Ago</b> <i>06-21-2016</i>	77.30	22.70	6.65	0.92	0.00	0.00



Intensity:

- D0 Abnormally Dry
- D1 Moderate Drought
- D2 Severe Drought
- D3 Extreme Drought
- D4 Exceptional Drought

*The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. See accompanying text summary for forecast statements.*

Author:

David Miskus  
NOAA/NWS/NCEP/CPC



<http://droughtmonitor.unl.edu/>

# Link Projects to Funding



*“The sources of water are strategically placed taking pressure off the sensitive habitats”*

*Dave Pellatz, Thunder Basin Project Sponsor*

# Link Projects to Funding

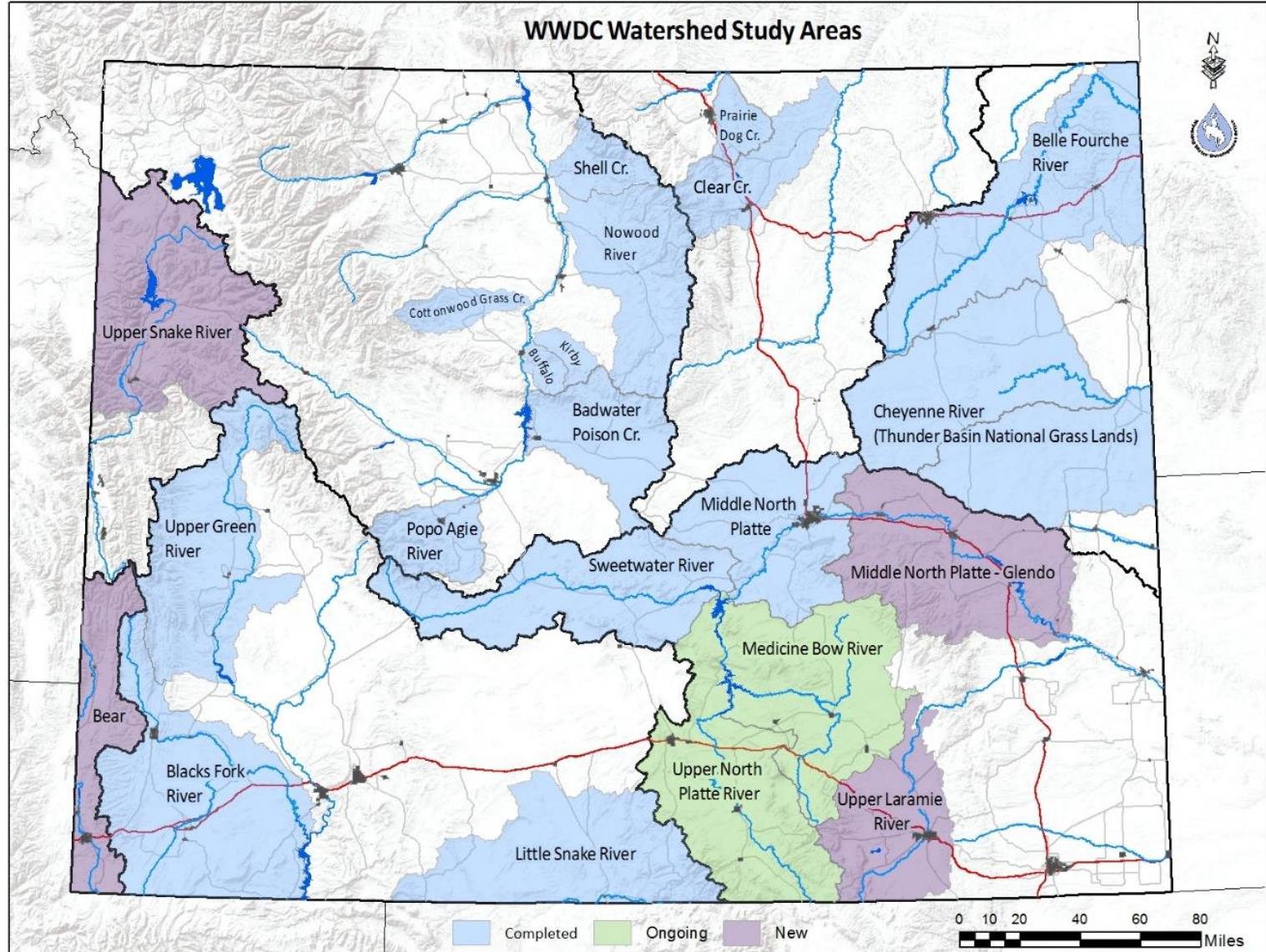


*“The WWDC watershed projects have made a phenomenal change in Thunder Basin”*

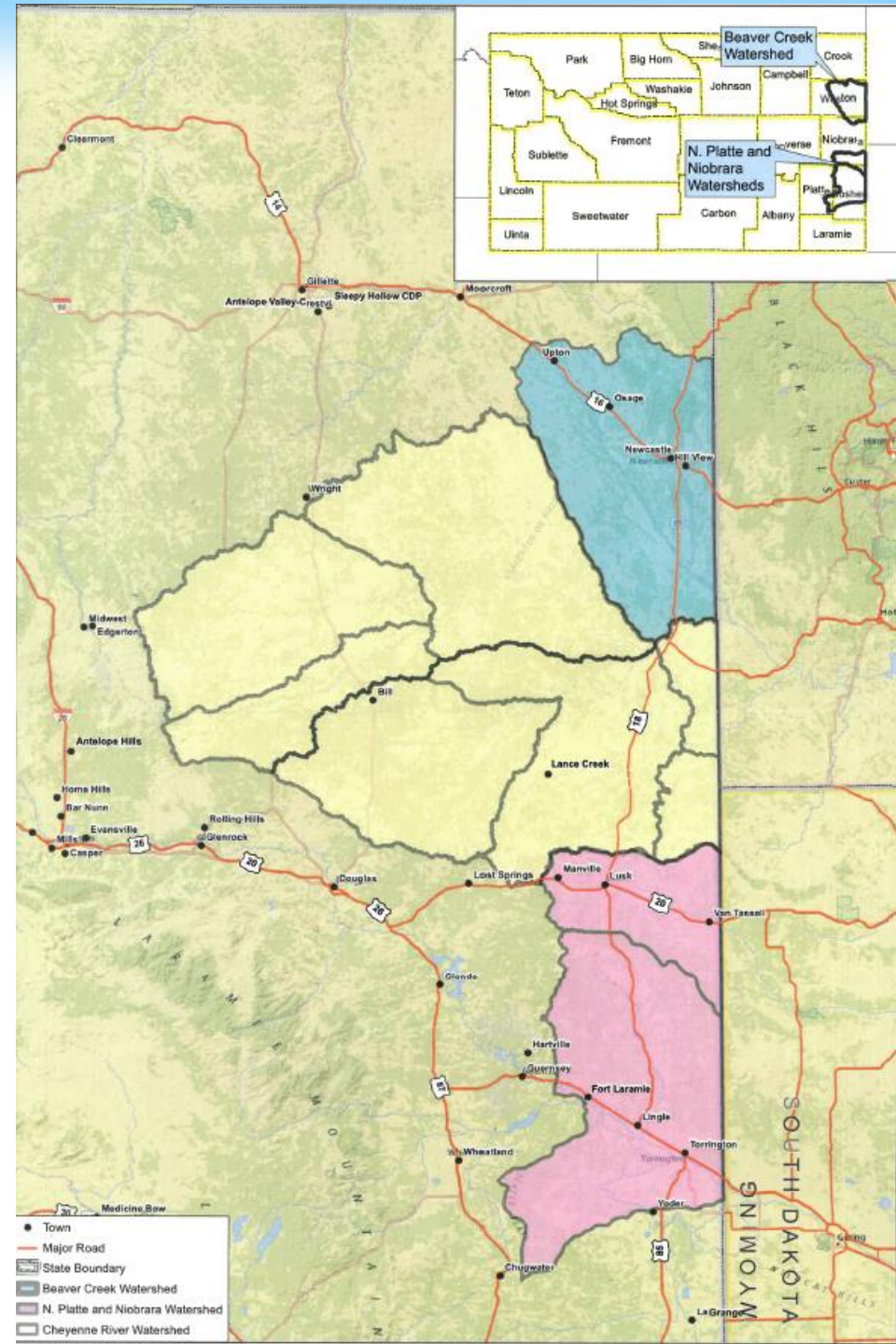
*Dave Pellatz,  
Project Sponsor*



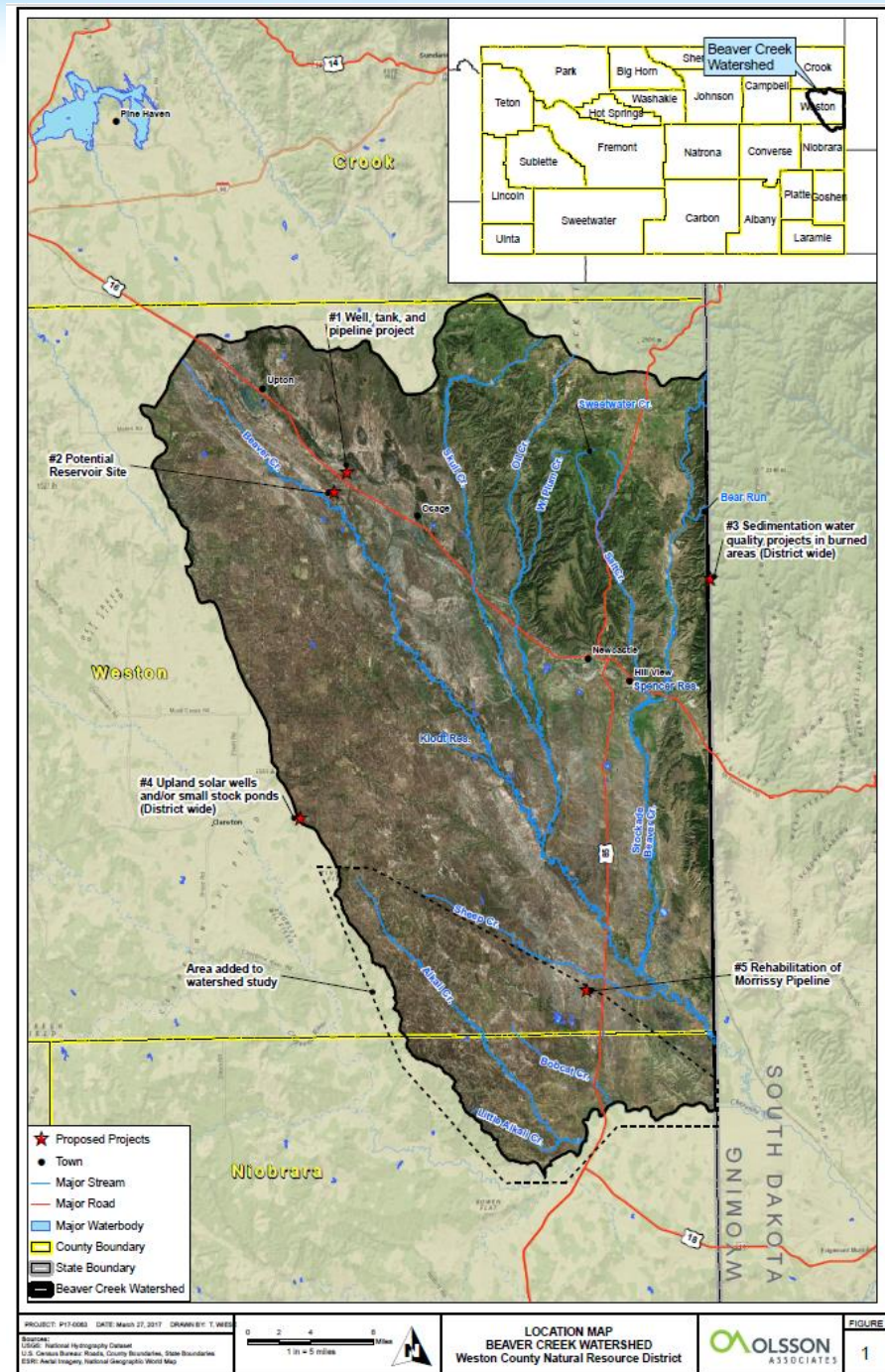
# Where?



# Completed and ongoing studies



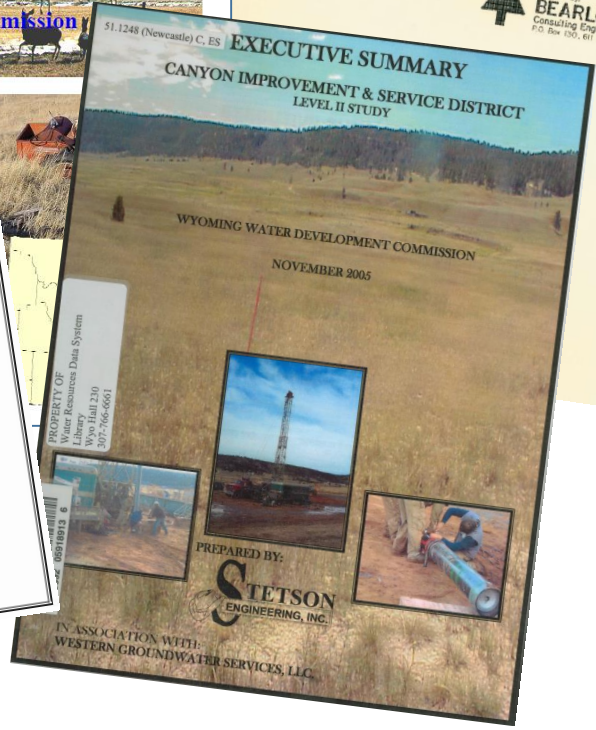
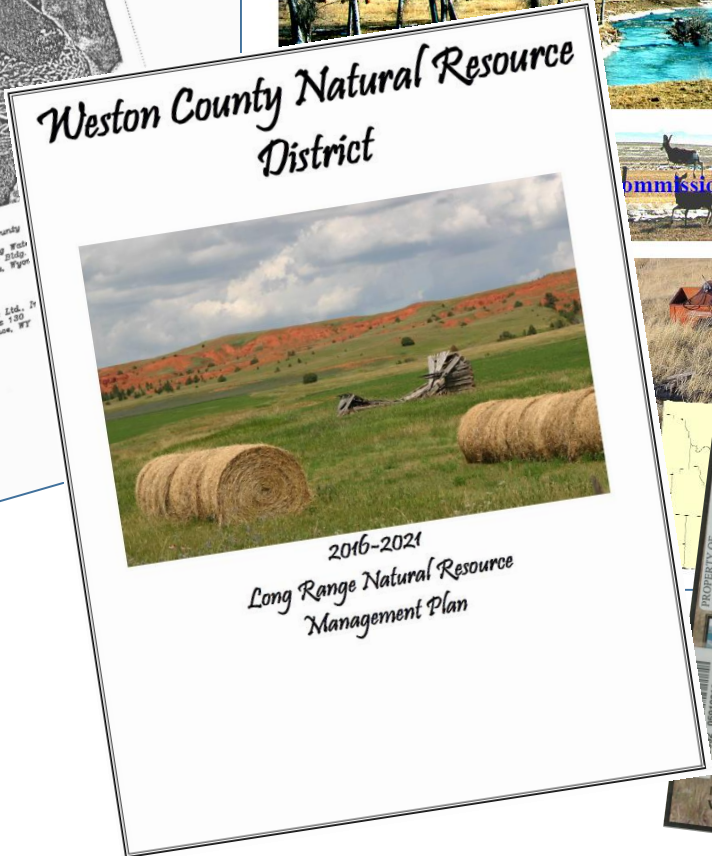
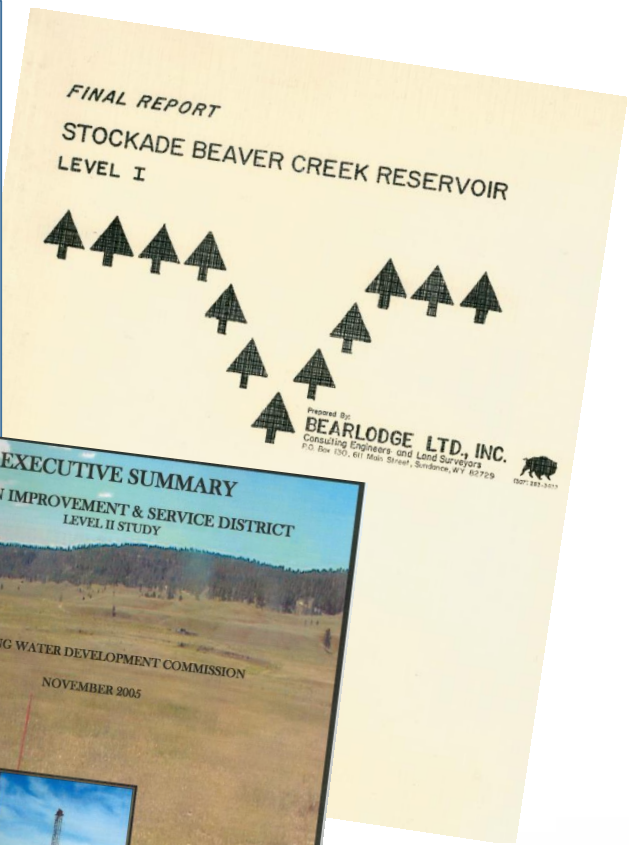
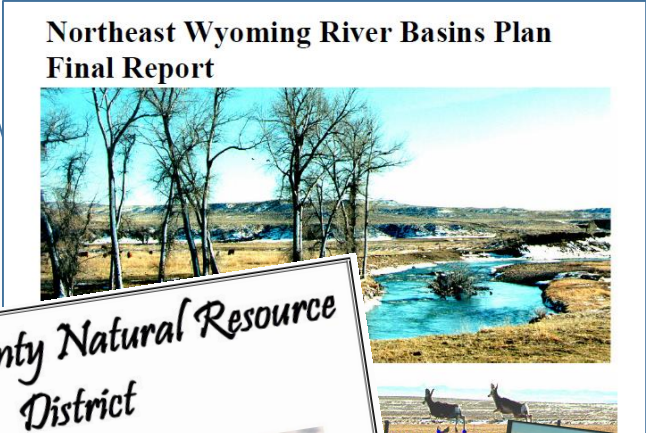
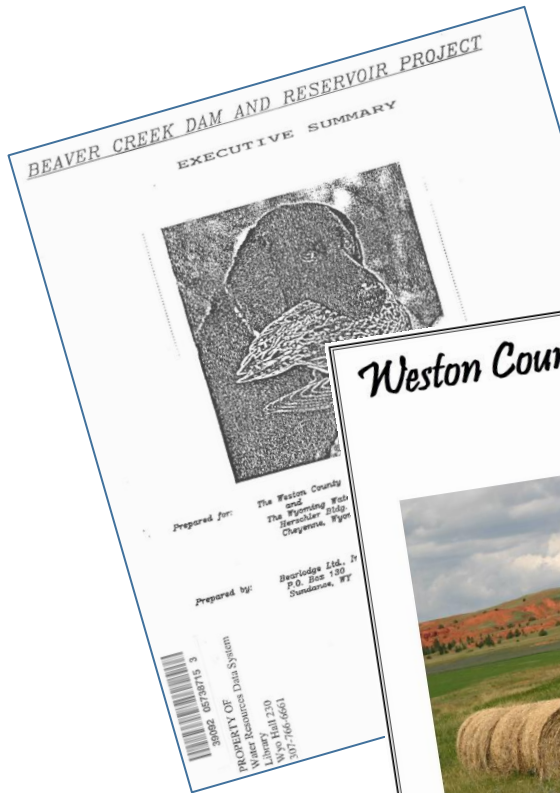
# Where exactly is the study area?



# How is the study completed?



# Review of Background Info









# Public Engagement

**POTENTIAL PROJECT INFORMATION FORM**

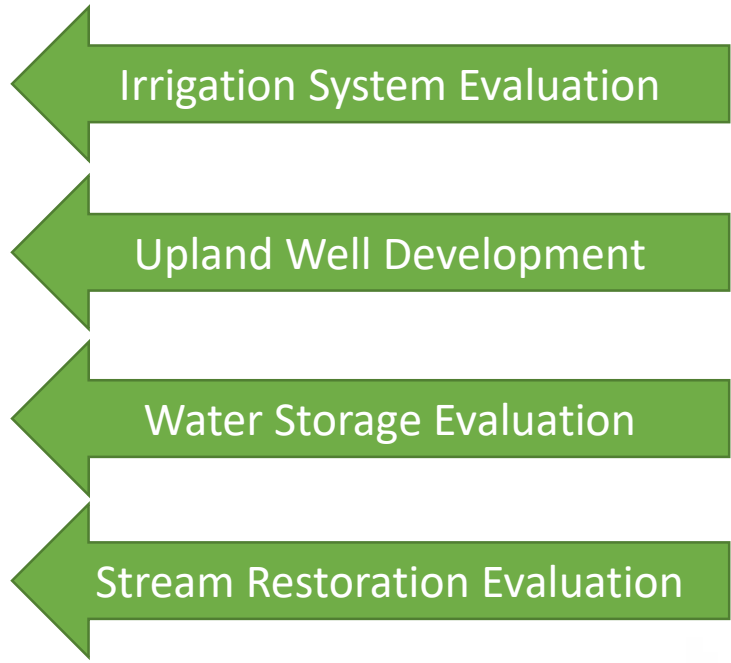
Name: \_\_\_\_\_  
 Street Address: \_\_\_\_\_  
 City/State/Zip: \_\_\_\_\_  
 Location of property or allotment (township, range, section): \_\_\_\_\_  
 Phone Number: \_\_\_\_\_  
 E-mail Address: \_\_\_\_\_

What is the best way to contact you? (please check)     mail     phone     e-mail

**What improvement projects would you like to see evaluated as part of this watershed study?**

	<p>Do you want an <b>irrigation system evaluation</b>?    <input type="checkbox"/> yes    <input type="checkbox"/> no          If so, do you have a project in mind? Please describe.</p>
	<p>Do you want an <b>upland well development evaluation</b>?    <input type="checkbox"/> yes    <input type="checkbox"/> no          If so, do you have a project in mind? Please describe.</p>
	<p>Do you want a <b>water storage evaluation</b>?    <input type="checkbox"/> yes    <input type="checkbox"/> no          If so, do you have a project in mind? Please describe.</p>
	<p>Do you want a <b>stream/stream restoration evaluation</b>?    <input type="checkbox"/> yes    <input type="checkbox"/> no          If so, do you have a project in mind? Please describe.</p>

Other comments or ideas? (Please feel free to use the back of this form, if needed.)



Thank you for your comments!  
 Please return this form in the envelope included by August 30, 2015.

May 2015

# Site Visits for Evaluations



# Documented Site Visits

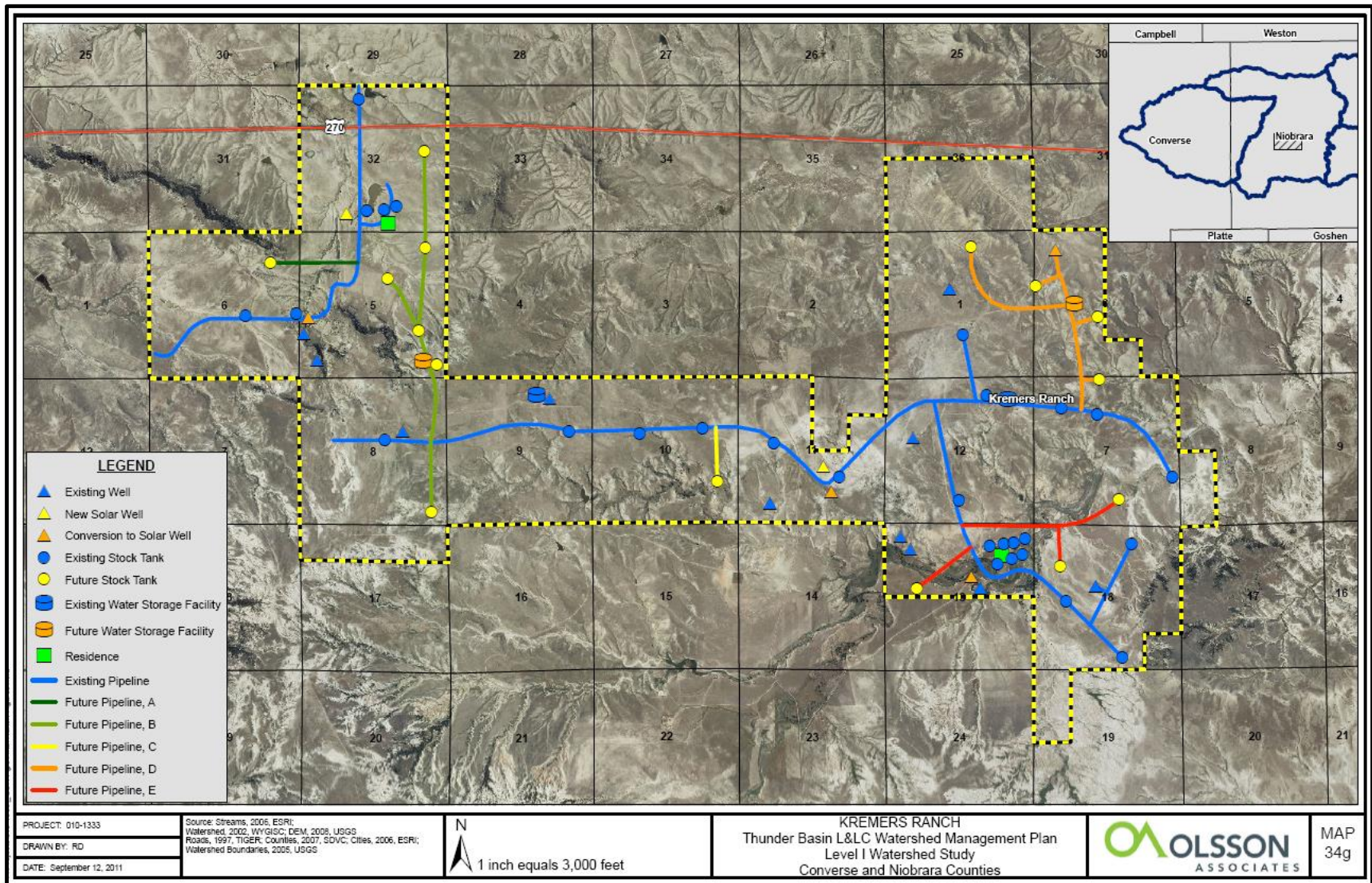
Attributes	
File Name	GeoJot+ 2016-08-30 15_12_10.jpg
Title	Turkey Creek
Subject	
Comment	
Description	
Tags	
Latitude	N 40° 30' 38.65"
Longitude	W 99° 44' 47.23"
Time Stamp	3:12:11 PM
Date Stamp	8/30/2016
Elevation	2293 ft
Photo Direction	182° S
Make	samsung
Model	SM-P607T

GeoJot+ 2016-08-30 15\_12\_10.jpg

Title: Turkey Creek



# Conceptual Design and Cost



# Assistance with Funding Options

## APPLICATION FOR THE SMALL WATER PROJECT PROGRAM

WYOMING WATER DEVELOPMENT COMMISSION

6920 Yellowtail Road

Cheyenne, Wyoming 82002

Telephone: (307) 777-7626

Project Name: KREMERS RANCH

THUNDER BASIN GRAZING ASSOCIATION

317 E CENTER ST

*(Applicant – Name of Entity)*

DOUGLAS

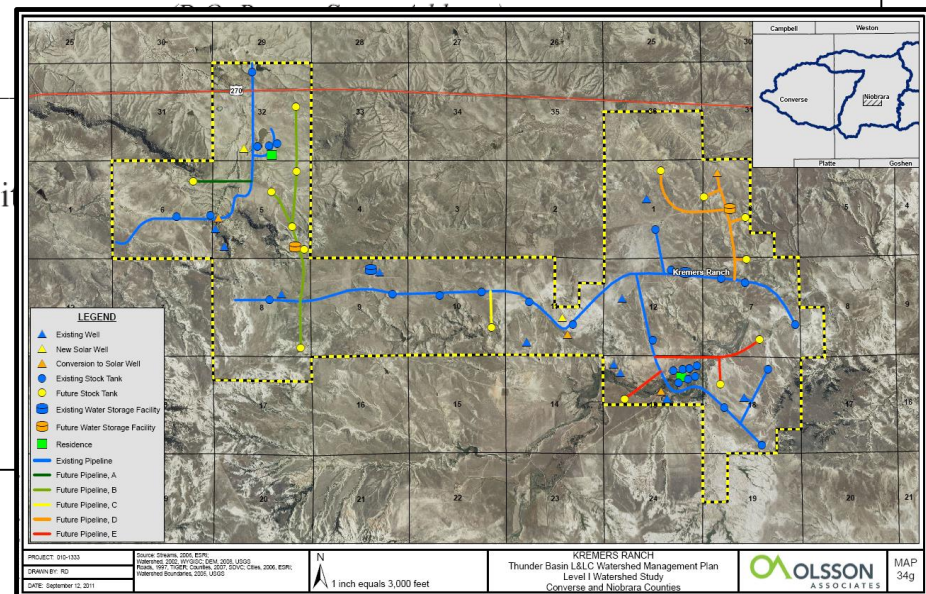
CONVERSE

*(City)*

*(County)*

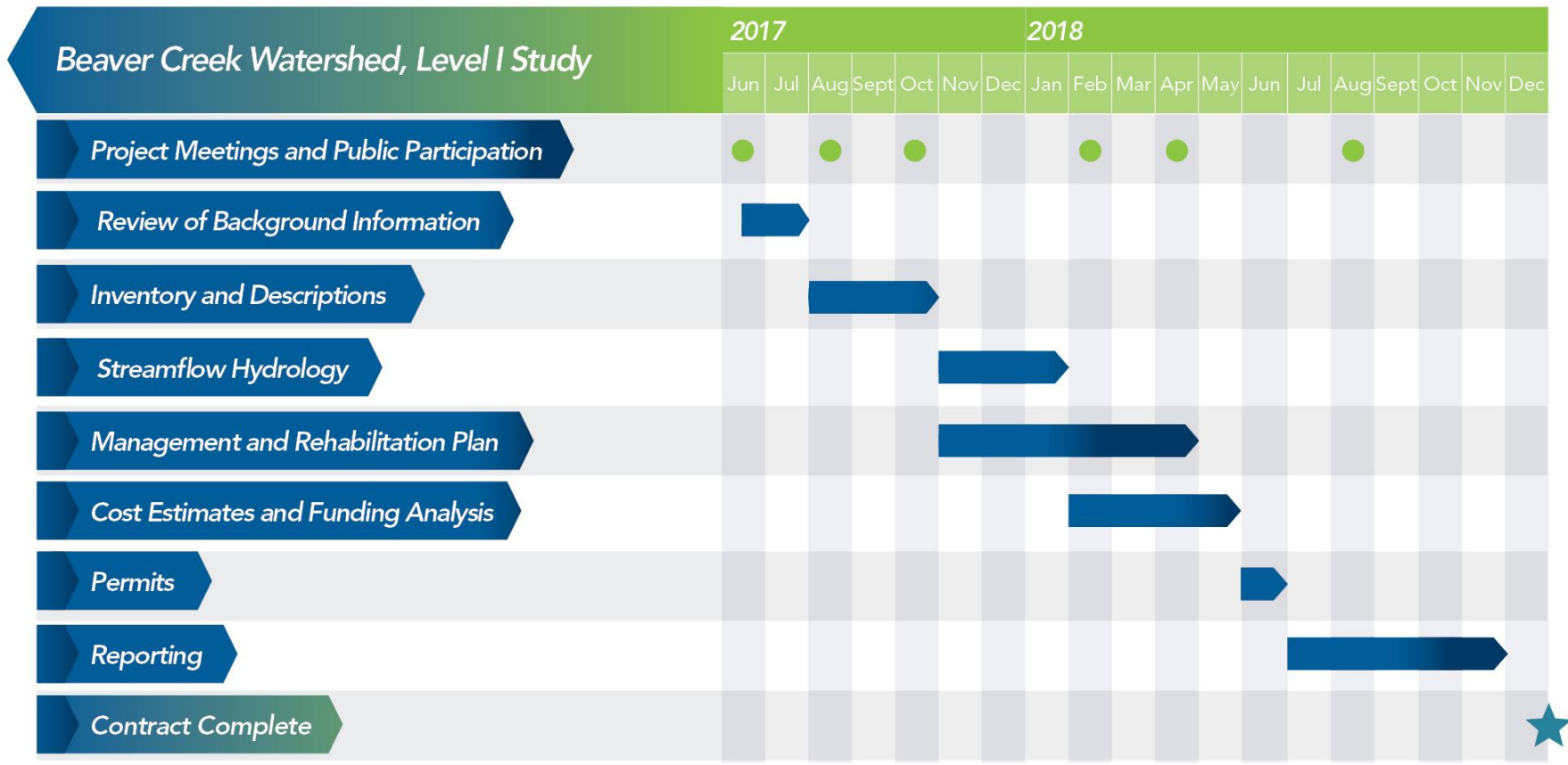
Type of Development: \_\_\_\_\_ Rehabilitate

- Solar Platform
- Pipeline
- Spring Development
- Well – Drilled and Cased
- Wetland



# When?

June 2017 – December 2018



# QUESTIONS?

