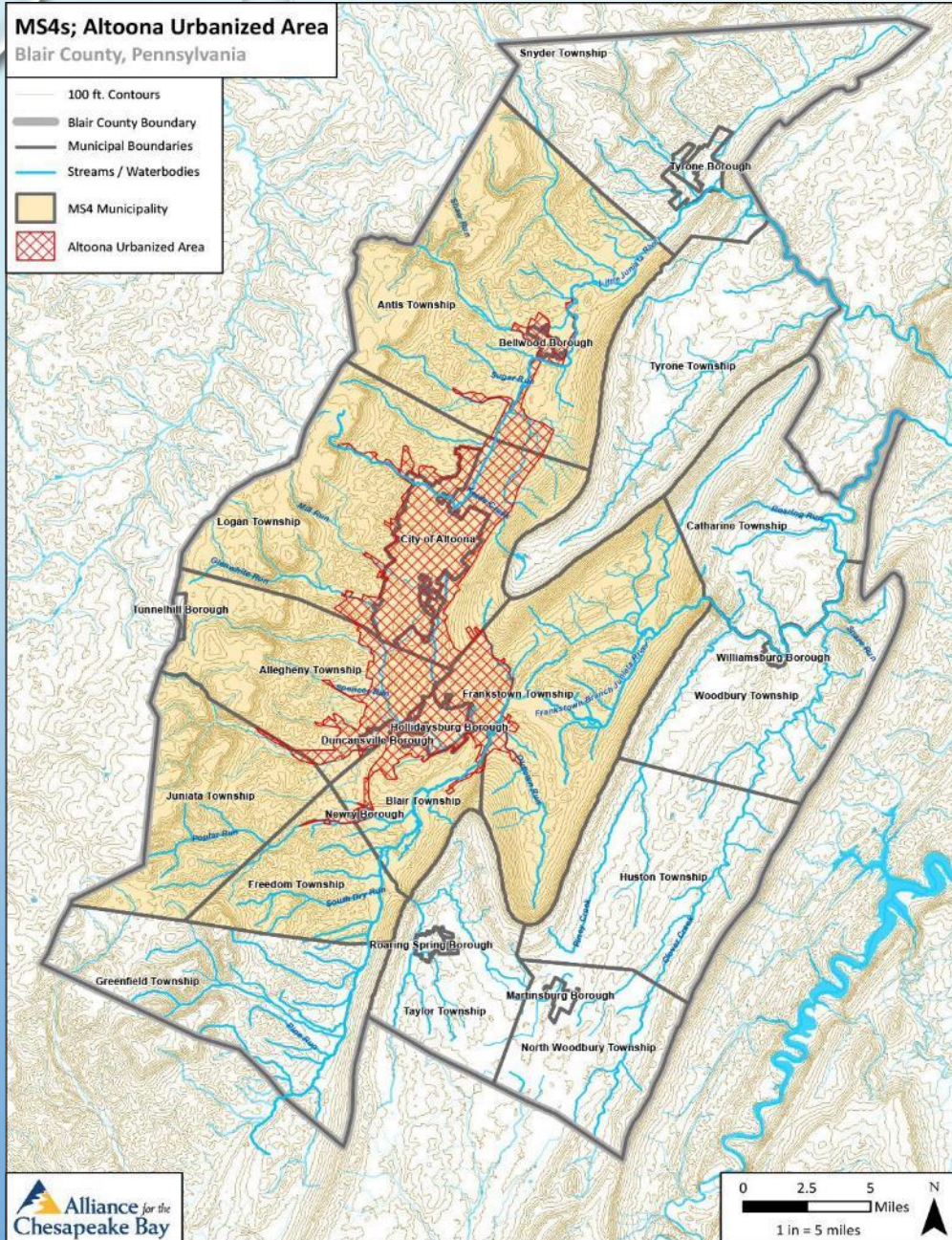


The background is a light blue gradient with several realistic water droplets of various sizes scattered across the surface. The droplets have highlights and shadows, giving them a three-dimensional appearance.

BLAIR COUNTY CONSERVATION DISTRICT AND STORMWATER MANAGEMENT

SUCCESS THROUGH COLLABORATION

House Agriculture and Rural Affairs Committee
November 20, 2019



BLAIR COUNTY

NUMBER 1 INDUSTRY IS
AGRICULTURE!

STILL 70% WOODED

ALTOONA URBANIZED
AREA

NORTH/SOUTH HIGHWAY
CONNECTION – I99

THE NPDES PROGRAM AND STORMWATER REGULATIONS IN PA

- CONSERVATION DISTRICTS CHOSE TO ACCEPT DELEGATION FOR THE NPDES PERMIT FOR STORMWATER ASSOCIATED WITH CONSTRUCTION ACTIVITIES BEGINNING IN 1990
 - EXPANSION OF OUR CLEAN STREAMS LAW – CHAPTER 102 DELEGATIONS RELATED TO EROSION AND SEDIMENT CONTROL
- MUNICIPAL SEPARATE STORM SEWER SYSTEM (MS4) PROGRAM WAS LAUNCHED IN 1990 WITH PHASE II FOLLOWING IN 1999 WHEREBY SMALLER URBANIZED AREAS ARE REQUIRED TO ATTAIN A NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) PERMIT

STORMWATER REGULATIONS AND THE MS4 PROGRAM IN PA

MINIMUM CONTROL MEASURES (MCM) ARE PART OF EACH PERMIT

- MCM#1 – PUBLIC EDUCATION AND OUTREACH
- MCM#2 – PUBLIC PARTICIPATION AND INVOLVEMENT
- MCM#3 – ILLICIT DISCHARGE DETECTION AND ELIMINATION
- MCM#4 – CONSTRUCTION SITE RUNOFF CONTROL
- MCM#5 – POST-CONSTRUCTION RUNOFF CONTROL
- MCM#6 – POLLUTION PREVENTION AND GOOD HOUSEKEEPING

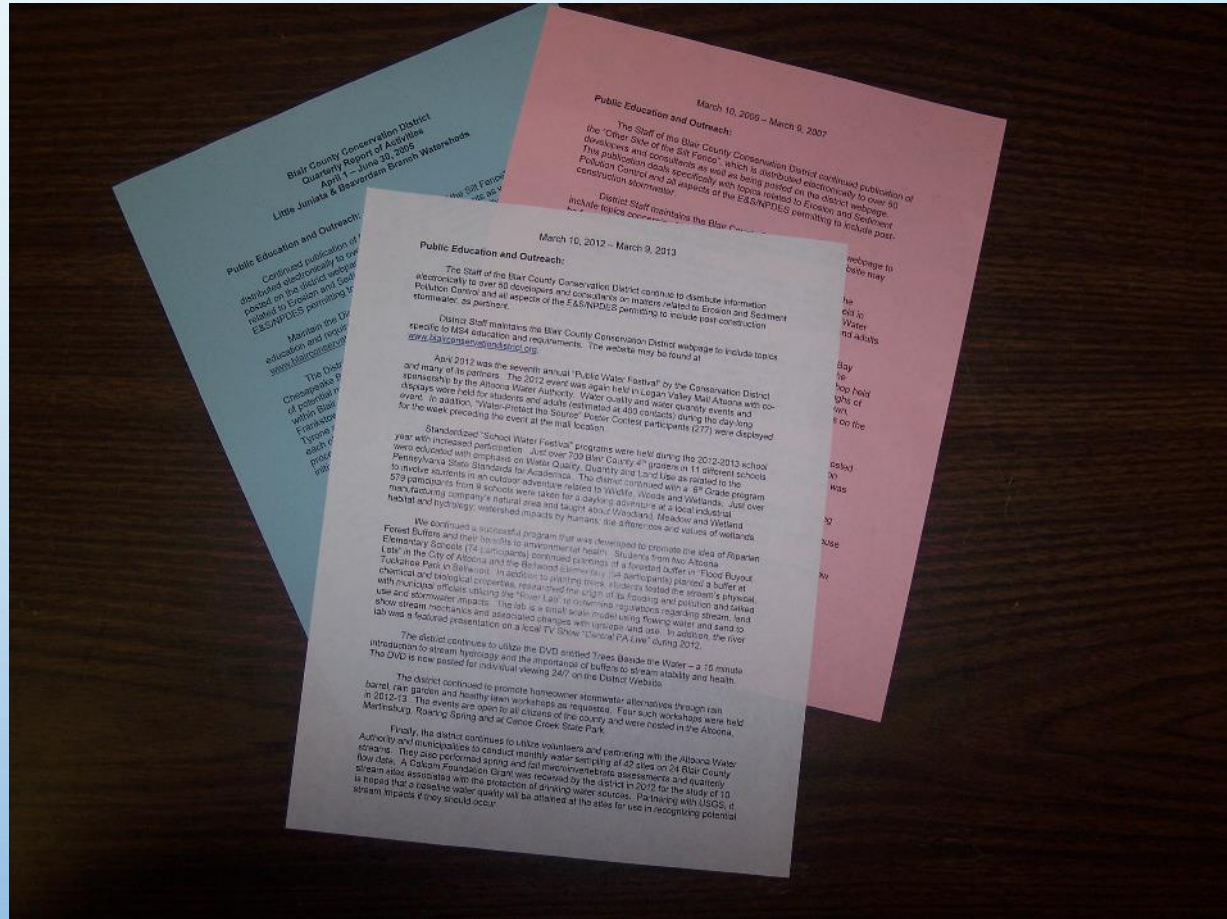
EARLY DUTIES UNDERTAKEN BY THE DISTRICT

THE BLAIR COUNTY
CONSERVATION DISTRICT
BEGAN ASSISTING
MUNICIPALITIES BY MAPPING
AND PROVIDING GIS DATA
FOR EACH IDENTIFIED OUTFALL
OWNED BY THE MUNICIPALITY
WITHIN THE MS4 AREA



EARLY DUTIES UNDERTAKEN BY THE DISTRICT

BEGAN COMPILING ANNUAL
REPORTS OF DISTRICT ACTIVITIES
THAT COULD COUNTED BY
MUNICIPALITIES TOWARD THEIR
PUBLIC OUTREACH AND
EDUCATION GOALS UNDER
MINIMUM CONTROL MEASURES
(MCM) #1 AND #2



EARLY DUTIES UNDERTAKEN BY THE DISTRICT

DEMONSTRATION PROJECT IMPLEMENTATION

- 16,300 SQ FT PERVIOUS
PARKING LOT INSTALLATION
WITH THE ASSISTANCE OF
COMMUNITY VOLUNTEERS
- HOLLIDAYSBURG BOROUGH,
KELLER ENGINEERS, INC AND
ACF ENVIRONMENTAL
- MCM #1 AND #2



EARLY DUTIES UNDERTAKEN BY THE DISTRICT

EROSION AND SEDIMENT CONTROL AND POST-CONSTRUCTION STORMWATER

- THE DISTRICT IS DELEGATED BY PA DEP TO ADMINISTER THE NPDES PERMITS FOR STORMWATER DISCHARGES ASSOCIATED WITH CONSTRUCTION ACTIVITIES
- ALL PERMIT CORRESPONDENCE AND INSPECTIONS REPORTS ARE COPIED TO THE MUNICIPALITY
- MCM #4 AND #5



FORMATION OF THE BLAIR COUNTY MS4 WORKGROUP

- IN APRIL OF 2010 – THE EPA PERFORMED FILE REVIEWS FOR MOST OF THE MS4'S IN PA DEP'S SOUTHCENTRAL REGION (TO INCLUDE BLAIR COUNTY) AND ISSUED NUMEROUS DEFICIENCY ORDERS
- MARCH OF 2012 THE FIRST MEETING OF THE BLAIR COUNTY "MS4 WORKGROUP" WAS HELD TO SHARE MUNICIPAL RESOURCES AS PART OF THEIR PERMIT RENEWAL APPLICATION THAT WAS DUE IN SEPTEMBER 2012
- BEGAN LOOKING TO FORMALIZE THE COLLABORATION AND HAVING DISCUSSIONS WITH DEP REGARDING SHARED SERVICES AND PROJECTS

MOU DEVELOPED

THE DISTRICT DEVELOPED A
STANDARDIZED MOU WITH THE
ASSISTANCE OF THE MS4
WORKGROUP AND MUNICIPAL
SOLICITORS TO CLEARLY
COMMUNICATE AND COMMIT
TO DUTIES BY AND BETWEEN
ALL PARTIES

/

MEMORANDUM OF UNDERSTANDING Between the

Blair County Conservation District
(hereinafter sometimes referred to as “District”)
And

(hereinafter sometimes referred to as “Municipality”)

STATEMENT OF PURPOSE

This Memorandum made and executed this _____ day of _____, 2014, has been prepared jointly and agreed upon by each party, the same parties intending to be legally bound hereby, for the following purposes to the extent applicable:

To serve as a joint commitment by the signatory parties to control accelerated erosion and to minimize sediment pollution to the waters of the Commonwealth which may result from the conduct of earthmoving activities in _____ (name of municipality).

To serve as a basis for stating the role of each party in administering the provisions of (name of municipality)’s Erosion and Sediment Control Ordinance or Ordinance which contains Erosion and Sediment Control Provisions: Ordinance Name _____ and Ordinance # _____, as amended from time to time.

I. In carrying out the intent of this memorandum, the Blair County Conservation

WHAT WILL BE SHARED

- TASKS RELATED TO PUBLIC EDUCATION AND OUTREACH (MCM#1); PUBLIC PARTICIPATION AND INVOLVEMENT (MCM#2) WILL BE COORDINATED AND SHARED
- TASKS RELATED TO CONSERVATION DISTRICT ACTIVITIES REGARDING EROSION AND SEDIMENT CONTROL AND POST CONSTRUCTION STORMWATER WILL BE TRACKED AND REPORTED (MCM# 4 AND #5)
- DEVELOP MULTI-MUNICIPAL TRAININGS RELATED TO POLLUTION PREVENTION AND GOOD HOUSEKEEPING AT MUNICIPAL FACILITIES (MCM#6)

BENEFITS TO A COLLABORATIVE APPROACH

SHARE DISTRICT WEBSITE; PUBLIC OUTREACH, MUNICIPAL TRAINING



www.blairconservationdistrict.org



Highway and Maintenance Crew Training Mandatory for Blair County MS4 Communities

As part of our MS4 responsibilities, we are required to hold mandatory training for our highway and maintenance crews. The 13 member Blair County MS4 Workgroup, has worked together to hold this joint training. This training will become a part of each municipality's annual report. Because of this, it is important that each municipality be represented by their highway and maintenance crews.

Date: Wednesday, March 27, 2013

Time: Morning Session 10am - 12pm

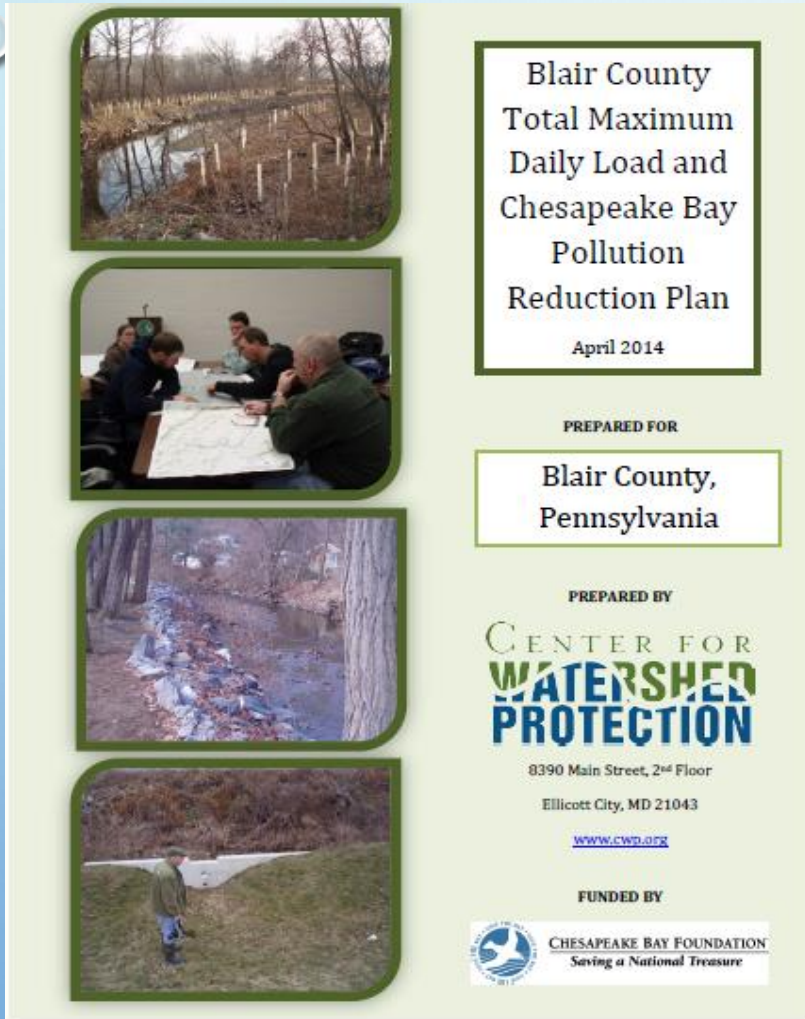
OR

Afternoon Session 12:30pm - 2:30pm

Lunch will be provided for both sessions from 12pm-12:30pm.

Lunch is courtesy of the Blair County Conservation District, Keller Engineers, Stiffler McGraw, and the members of the MS4 Workgroup.

BENEFITS TO A COLLABORATIVE APPROACH



GRANT FUNDING.....

- COUNTY PLANNING COMMISSION ON BEHALF OF THE MS4 WORKGROUP RECEIVED FUNDING AND TECHNICAL ASSISTANCE THROUGH THE CHESAPEAKE BAY FOUNDATION AND THE CENTER FOR WATERSHED PROTECTION FOR THE PREPARATION OF THE TMDL AND CHESAPEAKE BAY POLLUTION REDUCTION PLAN AS REQUIRED BY THE MS4 PERMIT
- LESSENERD THE BURDEN ON EACH MUNICIPALITY FOR THE COMPLETION OF THE REPORT

BENEFITS TO A COLLABORATIVE APPROACH

GRANT FUNDING.....

- THE DISTRICT APPLIED FOR AND RECEIVED A GRANT FROM THE NATIONAL FISH AND WILDLIFE FOUNDATION TO:
 - DEVELOP A LOCAL WATER SPECIFIC WEBSITE
 - WWW.CLEANBLAIRWATER.ORG
 - IMPLEMENT GREEN INFRASTRUCTURE BMP'S AS DEMONSTRATION AREAS
 - ENHANCE THE DISTRICT'S EXISTING WATER QUALITY MONITORING PROGRAM BY ADDING AUTOMATED SAMPLING TO DEVELOP BASELINE DATA

BENEFITS TO A COLLABORATIVE APPROACH



WATER QUALITY
MONITORING WITH
AUTOMATED
SAMPLING WILL
CREATE CREDIBLE
BASELINE DATA AND
EVENTUALLY SHOW
WATER QUALITY
IMPROVEMENTS
WITH BMP
IMPLEMENTATION!

BENEFITS TO A COLLABORATIVE APPROACH

GRANT FUNDING.....

- THE ALLIANCE FOR THE CHESAPEAKE BAY APPLIED FOR AND RECEIVED A GRANT FROM THE NATIONAL FISH AND WILDLIFE FOUNDATION TO DEVELOP A STORMWATER MANAGEMENT PLAN FOR THE BLAIR COUNTY MS4 AREA
- BUILT UPON THE BAY POLLUTION REDUCTION PLAN AND IDENTIFIED ISSUES, NEEDS, STRATEGIES AND OPPORTUNITIES
- HOSTED TRAINING OPPORTUNITIES
- FUNDED THE UNIVERSITY OF MARYLAND, ENVIRONMENTAL FINANCE CENTER TO DEVELOP A COST ANALYSIS FOR THE IMPLEMENTATION OF THE CHESAPEAKE BAY POLLUTION REDUCTION PLAN

Stormwater Management and Green Infrastructure in Blair County, Pennsylvania *An Inventory of Current Issues, Needs, Strategies, and Opportunities*



Photo credit, clockwise from top left: <http://www.city-data.com/>, <http://www.bccd.com/>, <http://www.detroitcanal.com/>, <http://www.bccd.com/>

Prepared for the MS4 Municipalities of Blair County, PA
January 2015

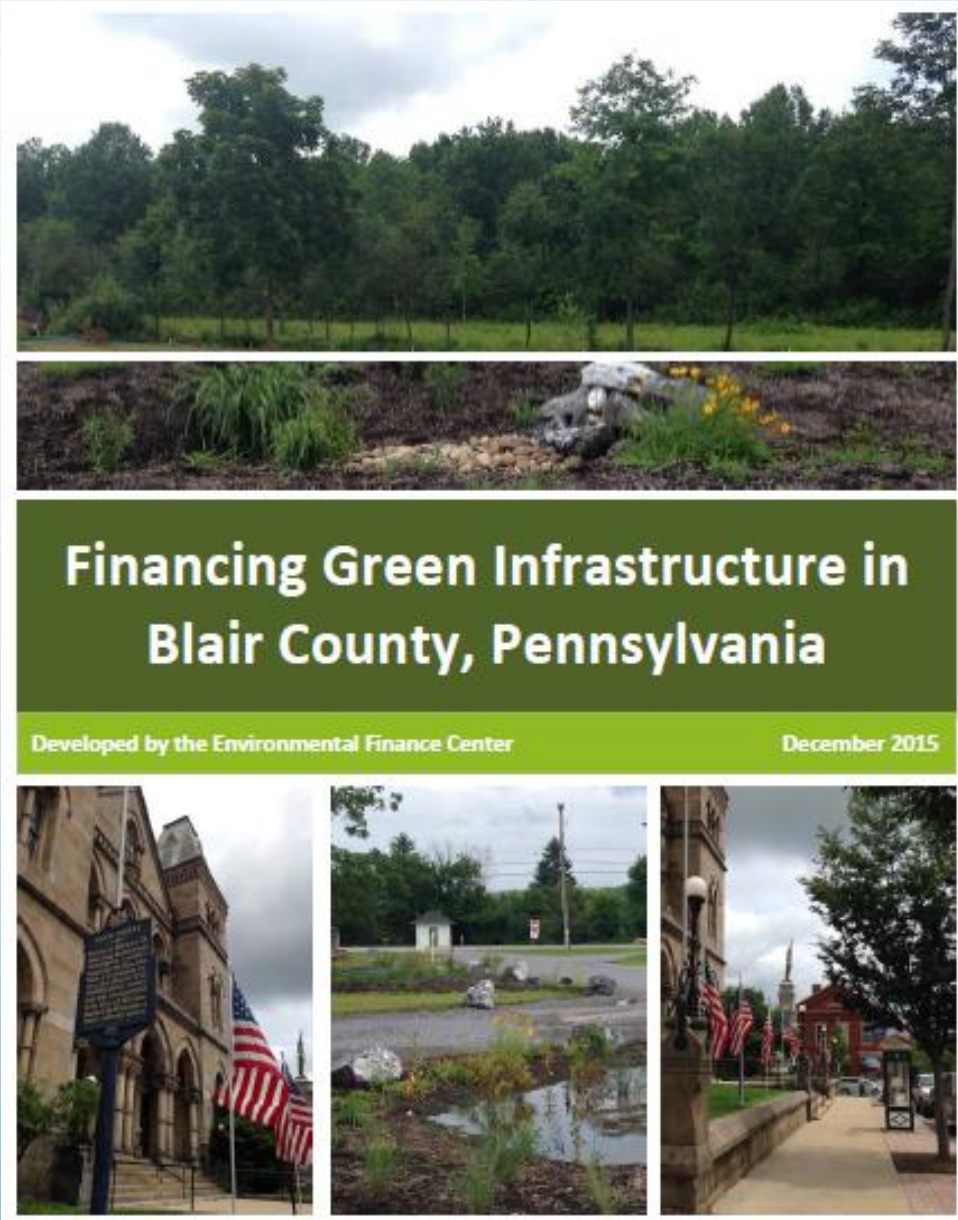
Funding provided by the National Fish and Wildlife Foundation
"Building Green Infrastructure in Blair County, Pennsylvania"



FINANCING

FINANCIAL ANALYSIS PROVIDED A STARTING POINT FOR BOTH MUNICIPAL INVOLVEMENT AND BUDGETING

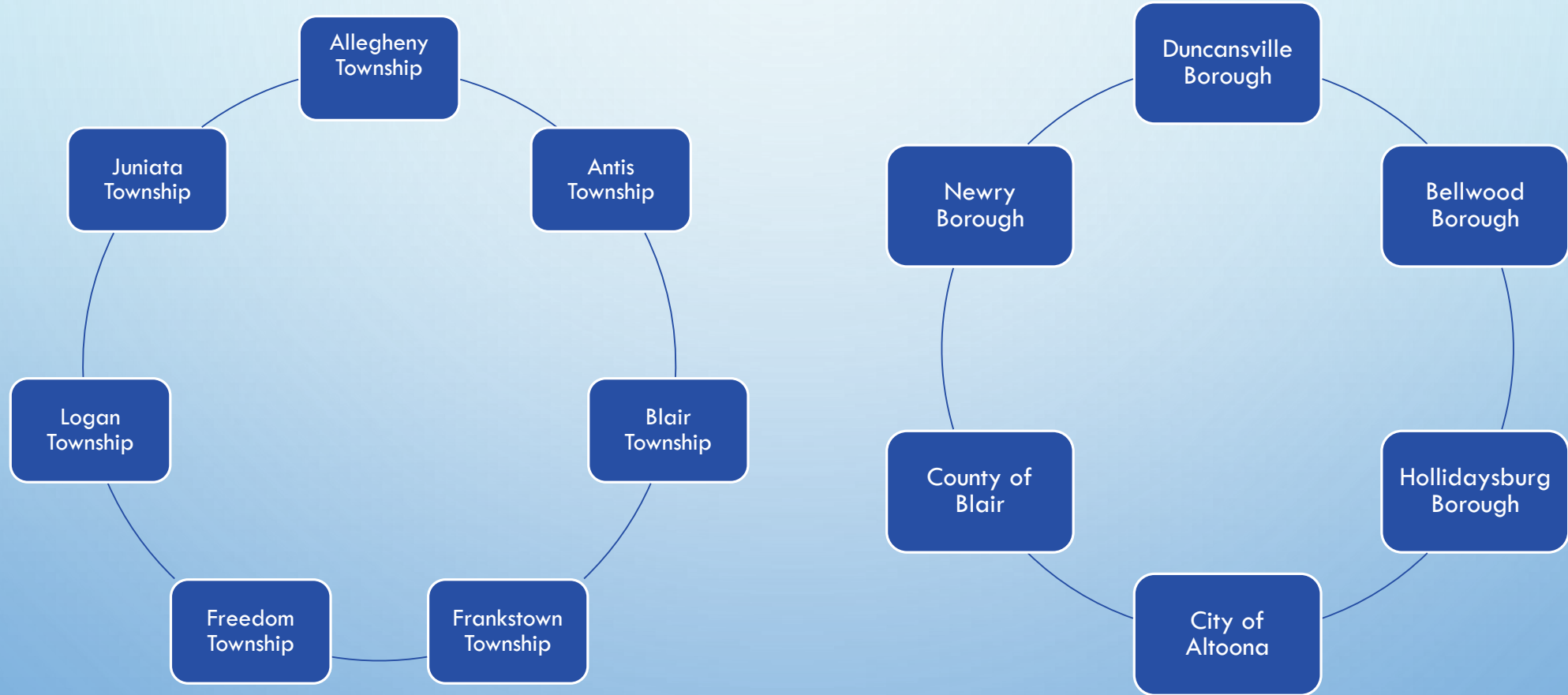
- PROVIDED SCENARIOS FOR A COST TO PARTICIPATE FOR EACH MUNICIPALITY
- VARIED FROM \$1,800 TO \$111,000 ANNUALLY
- IDENTIFIED A DESIRE TO HAVE A SHARED STORMWATER COORDINATOR



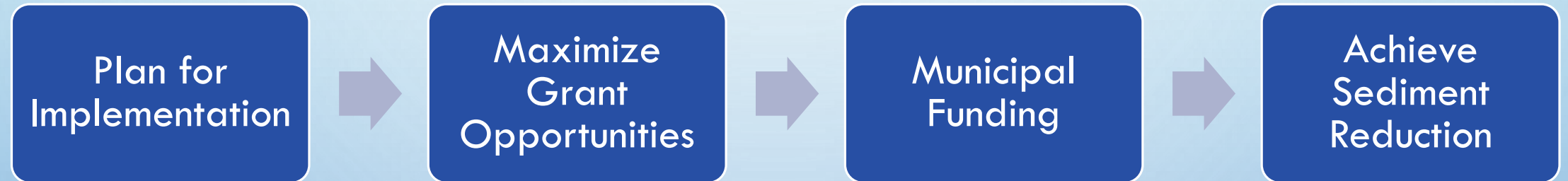
BLAIR COUNTY'S INTERGOVERNMENTAL STORMWATER COMMITTEE

- JANUARY 2017 THE INTERGOVERNMENTAL STORMWATER COMMITTEE (ISC) WAS FORMED FOR A 2-YEAR PILOT PROGRAM
 - \$100,000 IN ADMINISTRATIVE/PROJECT FUNDS WERE COMMITTED ANNUALLY
- THE CONSERVATION DISTRICT WAS CHOSEN TO HOST A SHARED STORMWATER COORDINATOR POSITION
 - DCED MUNICIPAL ASSISTANCE PROGRAM GRANT RECEIVED
- JANUARY 2019 THE ISC WAS RENEWED FOR A 5-YEAR PERIOD AS WAS THE RELATIONSHIP WITH THE BLAIR COUNTY CONSERVATION DISTRICT
 - ADMINISTRATIVE AND PROJECT FUNDS COMMITTED TOTALING OVER 6 MILLION DOLLARS

WHY IT HAPPENED – LOCAL BUY IN



NEXT STEPS



IN SUMMARY..... WAS COLLABORATION A SUCCESS?

ABSOLUTELY - FOR BLAIR COUNTY

- OVER 1 MILLION DOLLARS OF PRODUCTS, SERVICES AND PROJECT FUNDS SECURED
- SHARED RESOURCES AND KNOWLEDGE
- ELEVATED THE LOCAL WATER QUALITY MONITORING PROGRAM
- ADVANCED PUBLIC OUTREACH AND EDUCATION EFFORTS

THANKS TO OUR MANY PARTNERS

First and foremost the Intergovernmental Stormwater Committee including our local Municipalities, local Engineering Firms & Planning Commission and the following for financial, planning and project resources....



QUESTIONS.....



DONNA J. FISHER, DISTRICT MANAGER

DFISHER@BLAIRCONSERVATIONDISTRICT.ORG

CHELSEY N. ERGLER, STORMWATER COORDINATOR

CERGLER@BLAIRCONSERVATIONDISTRICT.ORG