

East Pottawattamie County Soil and Water Conservation District Five-Year Soil and Water
Resource Conservation Plan (2024-2028)

Preparer Information: 321 Oakland Ave, Oakland, IA 51560, (712) 482-6408

Taxpayer Information: N/A

Return Document To: See above

Grantors:

Kami Willett, Chairperson, East Pottawattamie County SWCD

Grantees:

See pg. 2

Legal Description:

N/A

YOU ARE HEREBY NOTIFIED that the East Pottawattamie County Soil and Water Conservation District has adopted a Five-Year Soil and Water Resource Conservation Plan which was approved by the State Soil Conservation Committee and signed by the director of the Division of Soil Conservation in July 2024. The plan is available for your inspection during normal business hours, Monday – Friday 8:00 a.m. – 4:30 p.m., at the district office located at the address listed above. This notice is given pursuant to the requirements of Iowa Code section 161A.7(2), or as subsequently amended.



**East Pottawattamie County
Soil & Water Conservation District
Five-Year Soil & Water Resource Conservation Plan
2024-2028**



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Oakland, IA 51560

www.soilwaterconservationia.com
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Soil health and water quality not only determine the quality of human life but whether human life is possible. Conservation and restoration of our soil and water resources benefits everyone and requires community-wide involvement. The East Pottawattamie County Soil and Water Conservation District (SWCD) invites everyone to get involved in preserving our essential natural resources for future generations.



*Terry Gleaves, DC &
Commissioner Dwight (Pete)
Hobson checking cover crops*

Mission & Vision of the East Pottawattamie County Soil and Water Conservation District

It is the mission of the East Pottawattamie County SWCD to: assist and educate residents in managing and minimizing soil loss and fostering soil health, ensuring water quality, and promoting conservation practices in-line with the District's mission. The whole community must share knowledge of conservation practices and natural resource concerns.

The Priority Goals for the East Pottawattamie County Soil and Water Conservation District are as follows:

The priority goals were established in collaboration with input from a Local Working Group (consisting of farmers, local business owners, and other residents of the community), East Pottawattamie County SWCD Commissioners and Natural Resources Conservation Service staff.

Priority goal:	Assist landowners, utilizing multiple modalities including technical guidance on best practices to conserve soil resources and promote soil health.
Priority goal:	To promote conservation practice applications that conserve and improve water resources.
Priority goal:	For the benefit of all, protect and ensure quality of recreation and wildlife resources in-line with current conservation practices and opportunities.
Priority goal:	Enhance service liaisons, providing guidance to community members to overcome financial and technical hurdles in applying conservation practices.
Priority goal:	Grow educational programs at the county and state levels geared toward ensuring full opportunity for all community members to gain greater knowledge of conservation practices.

(See Appendices A through E for specific information about the goals, actions, and timeframes.)

Who We Are and How We Operate

The East Pottawattamie Soil and Water Conservation District (SWCD) was organized at the request of local residents interested in soil and water conservation. The East Pottawattamie SWCD was officially formed in 1942. A charter was issued under the provisions of the Soil Conservation Districts' Law, Code of Iowa, Chapter 467A, on November 20, 1942. In the state of Iowa, the geographical boundaries of the County and Conservation District are usually the same. However, Pottawattamie County is split into East and West Pottawattamie Conservation Districts due to the majority of the county being rural. There is a total of 100 Conservation Districts in the state of Iowa.

The SWCD Board is composed of five locally elected Commissioners. They hold monthly meetings that are open to the public. A major function of the SWCD Board is to provide oversight of federal and state conservation programs including cover crops, strip till/no-till, windbreaks, waterways and more. They also conduct periodic Local Working Group meetings to obtain input and investment of community members and organizations. Their conservation efforts include education and outreach, and they form partnerships that protect and improve the soil and water resources of the District.

What We Do and Who We Serve

The Soil and Water Conservation District (SWCD) Board's purpose is to be aware of the soil and water issues of the District and work with the community and related organizations to address them. SWCD Boards serve and support individuals, organizations, farmers, urban residents, local school districts' conservation curriculum and the community-at-large in their work.

What is in the Plan

The Soil and Water Resource Conservation Plan (SWRCP) represents the state of soil and water resources of the East Pottawattamie County SWCD District and the priority goals to focus on for the next five years to protect and promote natural resources. The Board also uses the SWRCP to formulate their annual plans. The SWRCP includes a brief history of the District, an inventory of the District's resources, and an in-depth description of the SWCD Board's goals and credits.



Robert
Zimmerman



Keith Hotze



Dwight (Pete)
Hobson



Kami Willett



Bernie Bolton

East Pottawattamie County Assistant Commissioners

Russ Brandes
Chris Perdue
Wes Henry
Norma Bolton

**East Pottawattamie County Soil & Water
Conservation District (SWCD)
Five-Year Soil & Water Resource Conservation Plan
2024-2028**

Preface

“Amid the challenges, the farmer finds solace in deep-rooted connection with the land. You understand your efforts nourish not only your own family but also countless others who rely on your labor. You embrace your role as caretaker of the earth, striving for harmony between productivity and conservation”.

The land and water we enjoy in the East Pottawattamie County Soil & Water Conservation District are resources borrowed from future generations. We are responsible for their care. This Five-Year Soil and Water Resources Conservation Plan (SWRCP) recognizes that obligation. We have created it with the belief that we can enjoy the benefits of land and water stewardship today, while ensuring environmental security for tomorrow. Your involvement in the plan’s success is your gift to the future.

General Description of the East Pottawattamie County Soil & Water Conservation District

**The following data reflects the information for the entire county*

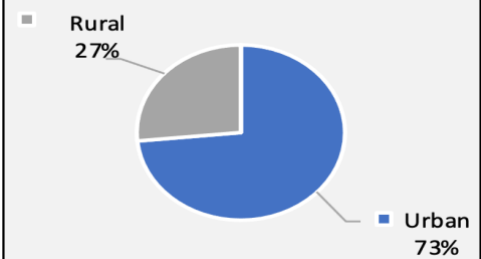
East Pottawattamie County, located in southwest Iowa, covers an area of 468 square miles (295,540 acres), and includes 99% land, and 1% water bodies. The county’s population (93,179 total) is relatively racially homogenous: White –85.5%; Hispanic –9.2%; Black –2%; Asian –1%; American Indian –0.9%; and two+ races –2.2%. County population is 73% urban (living in towns 2,500+ in size), and 27% rural (open country or towns smaller than 2,500 in size). Median county household income is \$68,718 compared to the state of Iowa median household income of \$70,571 (2022).

Population & Employment

General Population & Employment	
Total Population	93,179
Working Population (16 years +)	64%
Median Household Income	\$ 68,718.00
Female Population	50%
Male Population	50%
Caucasian	85.5%
African American or Black	2.0%
Hispanic or Latino	9.2%
Asian	1.0%
Native American or Native Alaskan	0.9%
Native Hawaiian or Pacific Islander	0.1%
Other Race/Two or More Races	2.2%

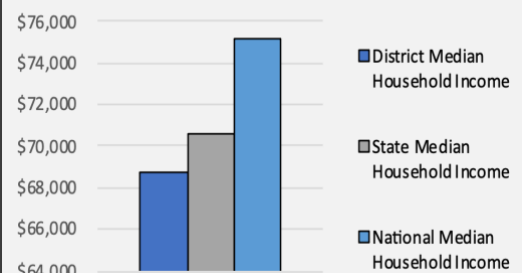
2023 US CENSUS

Rural & Urban Population



2020 US CENSUS

Median Income

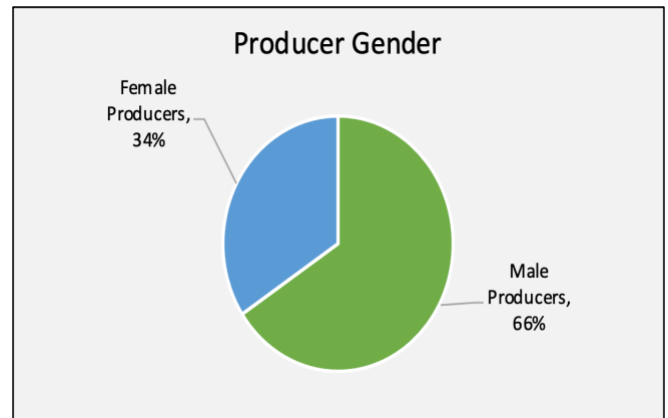


2023 US CENSUS

Producer Information

Producers	
Total Producers	2,249
Primary Occupation: Farming	1,120
Primary Occupation: Other	1,047
Average Age	58
Caucasian Producers	2,148
Black or African American	2
Asian	6
Hispanic	0
Other Race	6

[2022 CENSUS OF AGRICULTURE](#)



[2022 CENSUS OF AGRICULTURE](#)

Soil & Water Resources

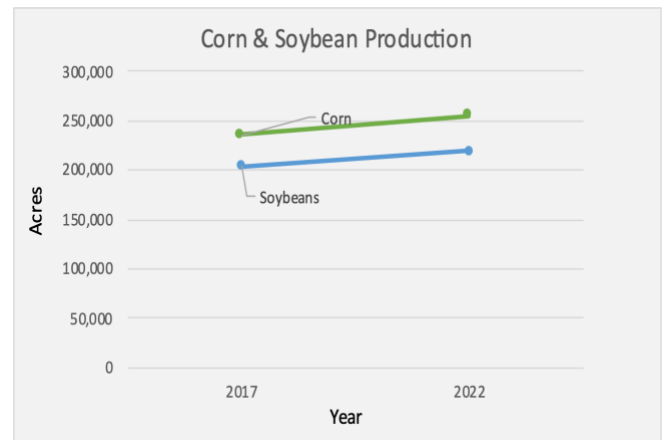
Existing Land Use

Existing Land Use	
Number of Farms	1,203
Average Farm Size (Acres)	468
Land in Farms (Acres)	563,574
Percent of District Land in Farms	93%
CRP (Acres, East Pott. Only)	6,119
Organic Ag. Land (Operations)	1

[2022 CENSUS OF AGRICULTURE](#)



[2022 CENSUS OF AGRICULTURE](#)

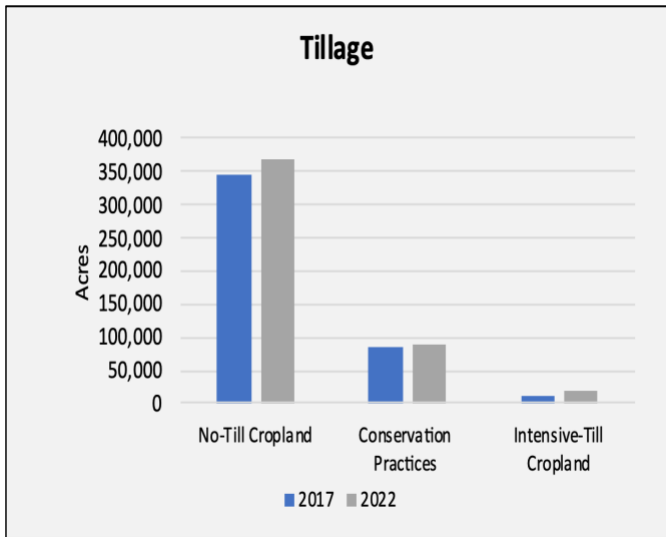


[2022 CENSUS OF AGRICULTURE](#)

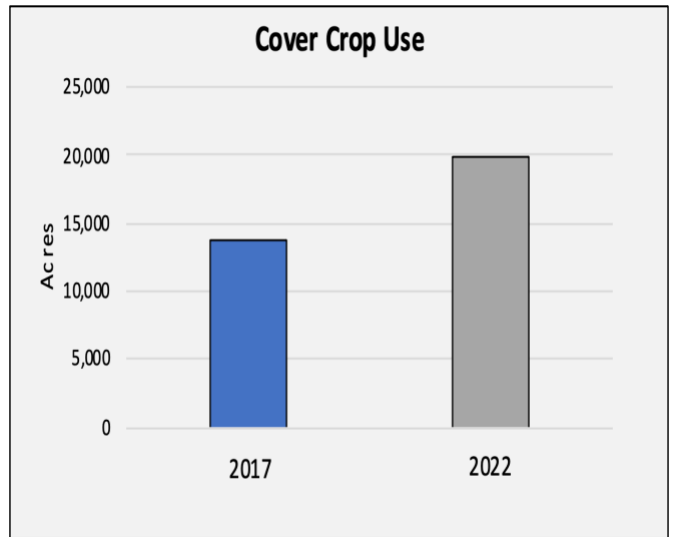
Soil Resources (refer to maps in appendices)

Practice	2017	2022
Tile Drained	70,528	79,660
Artificially Drained via Ditch	36,452	58,530
Under Conservation Easement	3,044	6,113
No-Till Cropland	345,102	369,324
Conservation Practices (excluding tillage)	85,884	90,166
Intensive-Till Cropland	10,837	20,296
Cover Crop Used	13,711	19,846

[2022 CENSUS OF AGRICULTURE](#)



[2022 CENSUS OF AGRICULTURE](#)



[2022 CENSUS OF AGRICULTURE](#)

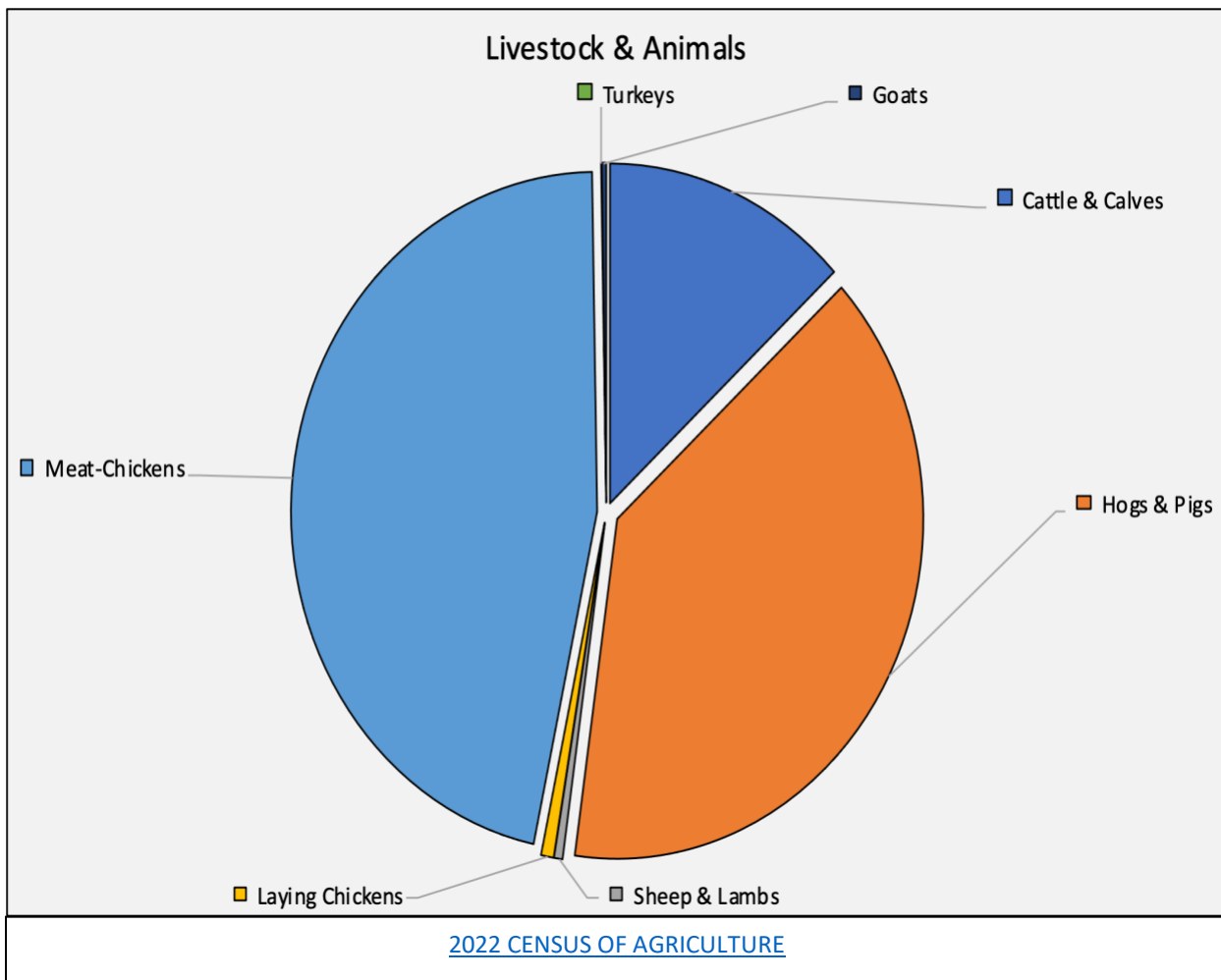
Highly Erodible Land	
Total Acres	271,054
Highly Erodible Land Acres (HEL)	212,410
Potentially HEL Acres	20,930
HEL Percentage of Total	78%
Potentially HEL Percentage of Total	7%

[East Pottawattamie County USDA Farm Service Agency](#)

Livestock & Animals

Livestock/Animals (2022)	Number
Cattle & Calves	48,084
Hogs & Pigs	143,922
Sheep & Lambs	1,656
Laying Chickens	2,458
Meat-Chickens	170,642
Turkeys	131
Goats	846

[2022 CENSUS OF AGRICULTURE](#)



Water Resources (refer to maps in appendices)

Water Bodies	
DNR Managed Acres of Water Bodies	703
Acres of Wetlands	2,261
lowadnr.gov 2019	

Water Bodies:

The East Nishnabotna, the West Nishnabotna, and the East Branch of the West Nishnabotna with stream lengths of 6.93, 24.68, and 5.04 miles, respectively. Other water bodies include Silver Creek, Middle Silver Creek, Walnut Creek, Indian Creek, Jordan Creek, Farm Creek, Slocum Creek and Graybill Creek, in addition to many private ponds.

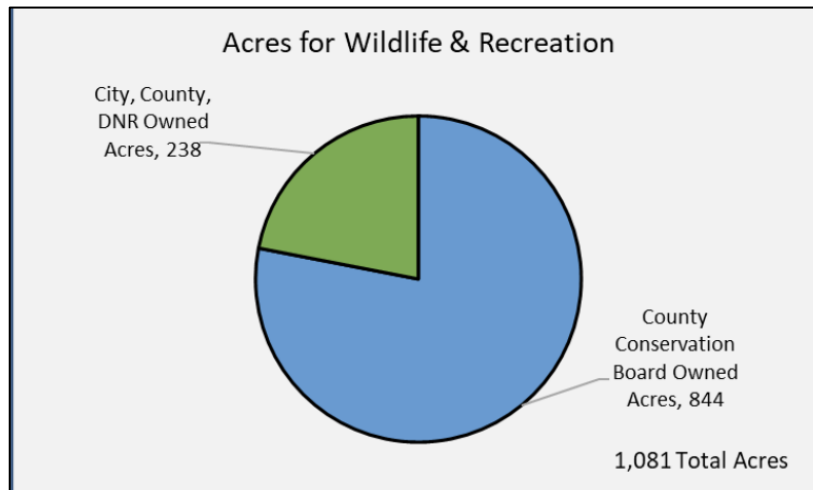
Watershed Management Authorities:

A Watershed Management Authority (WMA) is a mechanism for cities, counties, Soil and Water Conservation Districts (SWCDs) and stakeholders to cooperatively engage in watershed planning and management. Nishnabotna WMA.

Public Water Sources:

All towns and rural areas in the District rely on wells for their water supply.

Recreation and Wildlife



lowadnr.gov 2019

Mining & Mineral Resources

Three pits utilizing stone and gravel resources are present in the District.
Please see appendix K for full details and map.

Maps and Additional Documents

The maps and charts included provide further information and understanding about the soil and water resources of the District, and they appear in Appendices F through K.

Priority Goals

The SWCD Board determines their goals from an inventory of the natural resources of the District (above), input of the Local Working Group and the public. The goals for the SWCD for the next five years are listed and described thoroughly in Appendices A through E.

Purpose of the Planning Process

Planning enables District Commissioners and staff to take positive, proactive steps to preserve and improve our natural resources.

During the SWRCP planning process, the SWCD Board utilized current information about the states of the soil and water in their District. The Commissioners also requested input from the community through the formation of a Local Working Group, and public involvement in public board meetings about the natural resource issues for the District. The Board established goals for the next five years, seeking partnerships with individuals and organizations that share their concerns and objectives.

The finished Five-Year Plan provides information about the soil and water issues the District faces, and what the SWCD Board strives to implement to preserve and improve our natural resources. It is also an invitation to everyone in the community to get involved in the conservation of the District's natural resources.

Credits for Information/Resources

These are the individuals and organizations who provided materials, data, and resources for the information provided in this plan:

- Natural Resources Conservation Service
- Iowa Department of Agriculture & Land Stewardship
- Conservation Districts of Iowa
- Iowa Department of Natural Resources
- National Agricultural Statistics Service
- Farm Service Agency
- US Census Bureau

Credits for Input

These are the individuals and groups that provided input concerning the conservation issues and potential goals for the District:

- Local Working Group Members (Residents of East Pottawattamie County)
- District Staff (NRCS and IDALS staff)
- Elected Commissioners
- Pottawattamie County Supervisors

Organization & Authority

East Pottawattamie County consists of 14 townships on the eastern side of the county. The District is a subdivision of state government governed by five locally elected Commissioners, elected on the general ballot and serving four-year terms. District Commissioners are charged by the Iowa General Assembly with the restoration and conservation of the soil, water, and related natural resources of the county (Chapter 161A.5). The District receives support services from the Iowa Department of Agriculture and Land Stewardship. East Pottawattamie County SWCD currently has 3 Assistant Commissioners. Commissioners can appoint as many Assistant Commissioners as they deem necessary.

Additional authorities have been given to Soil and Water Conservation Districts since they were founded in 1942. Some of these additional authorities are listed under Iowa Code 161A:

1. Sub-districts of a soil and water conservation district may be formed for the purpose of carrying out watershed protection and flood prevention programs with the sub-district but may not be formed solely for the purpose of establishing or taking over the operation of an existing drainage district (Section 13, 161A).
2. The Commissioners of the Soil and Water Conservation District shall adopt reasonable regulations to establish a soil loss limit or limits for the District and provide for the implementation of the limit or limits and may subsequently amend or repeal their regulations as they deem necessary (Section 44, 161A).
3. The Soil and Water Conservation District advises and consults with counties and sub-districts upon the request of any of them or any affected landowners, and is authorized to cooperate with other state subdivisions, or instrumentalities and affected landowners, as well as with the federal government or any department or agency thereof, to construct, operate, and maintain suitable projects for flood or soil erosion control (Section 53, 161A).



Active Memorandums of Understanding have been signed with:

- City of Oakland, Iowa
- Food and Agriculture Council (FAC)
- Forestry Section, Iowa Conservation Commission
- Golden Hills /Hungry Canyons
- Iowa Cooperative Extension Service
- Iowa Dept. of Agriculture and Land Stewardship-Division of Soil Conservation &Water Quality
- Pottawattamie County Board of Supervisors
- U.S. Army Corp. of Engineers
- USDA - County Food and Agriculture Council (CFAC)
- USDA - Farm Service Agency (FSA)
- USDA - Natural Resources Conservation Service (NRCS)
- West Pottawattamie SWCD

East Pottawattamie County is in Collaboration with:

-

The East Pottawattamie District also provides sponsorship and direction to programs administered by other agencies that directly affect the operations and objectives of the District.

District Policies

One of the duties of the District Commissioners is to provide guidance for soil and water conservation. This includes but is not limited to conducting surveys, investigations, demonstrations, and to help determine research needs relating to soil and water problems. Another duty is to collaborate with other agencies, governmental or otherwise, and with landowners/operators to promote the development of comprehensive programs of planning, application, and maintenance of soil erosion control and conservation practices. Activities are intended to benefit the people of the District, the state of Iowa and our nation to ensure our natural resources are here for the next generations.

The East Pottawattamie County Soil and Water Conservation District is an equal opportunity provider and employer in line with all state and federal opportunity guidelines.

East Pottawattamie County SWCD reserves the right to modify the Five-Year Soil & Water Resource Conservation Plan as needed for the best interest of its natural conservation goals.

Statement of Adoption

We, the Commissioners of East Pottawattamie County Soil and Water Conservation District, adopt

this program on the 17th day of July 2024.

Kami Willett

Kami Willett

Chairperson, East Pottawattamie County SWCD

Notary Acknowledgement

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this acknowledgement is attached.

State of: Iowa

County of: Pottawattamie

On 7/24/24 before me, Susan Rush (notary)

Personally appeared, Kami Willett (signer)

Personally known to me

OR

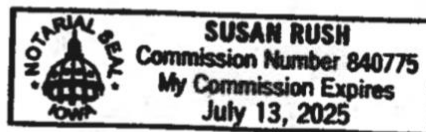
Prove to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and has hereby acknowledged to me that they have executed the same in their authorized capacity, and that by their signature on the instrument the person or the entity upon behalf of which the person acted, executed the instrument.

Witness my hand and official seal

Susan Rush
Notary Signature

(Seal)

Susan Rush
Print Name



Statement of Approval

This *5-Year Soil & Water Resource Conservation Plan* of the East Pottawattamie County Soil and Water Conservation District was reviewed and approved by the Iowa Department of Agriculture and Land Stewardship Division of Soil Conservation & Water Quality

on July 24, 2024.



Susan Kozak

Director of Soil Conservation & Water Quality Division
Iowa Department of Agriculture & Land Stewardship

Appendix A

Priority Goal: Assist landowners, utilizing multiple modalities including technical guidance on best practices to conserve soil resources and promote soil health.

Actions Planned	Timeframe	Milestones
<ul style="list-style-type: none"> Implement District’s Land Treatment Programs 	<ul style="list-style-type: none"> Continued to be reviewed annually 	<ul style="list-style-type: none"> Promote LOST Funds, current Farm Bill, EQUIP funding, cover crops Utilize IFIP Funds with FARMS; Utilize Buffer Initiative Continue Equipment Rental Program to farmers
<ul style="list-style-type: none"> Provide technical assistance to landowners wanting terrace construction on their land and/or other conservation practice 	<ul style="list-style-type: none"> Ongoing Annual review 	<ul style="list-style-type: none"> Plans certified/revised as needed Establish new type structures to solve streambank, streambed, and cutback problems Conservation layout
<ul style="list-style-type: none"> Continue to improve contractor certification of conservation practice construction on to reduce time in the field 	<ul style="list-style-type: none"> Annually Contractor meetings 	<ul style="list-style-type: none"> 1 training session for contractors Possible demonstration meeting
<ul style="list-style-type: none"> Promote pasture improvement with warm-season grass program on grassland. Education/research on crop rotations and cover crops 	<ul style="list-style-type: none"> Duration of the SWRCP 	<ul style="list-style-type: none"> 1 program assistant 1 tour
<ul style="list-style-type: none"> Continue to promote conservation methods and education programs 	<ul style="list-style-type: none"> Ongoing Annually 	<ul style="list-style-type: none"> Aim to install bioreactor and saturated buffer <ul style="list-style-type: none"> Continue soil pit/soil health judging with high school students Promote ag and conservation in general Review of material being presented Introduce more soil and water quality programs Continue in schools, summer programs, WLOP, absentee landowners

Factors Limiting Practice Application

- Staff time and availability
- Economic factors
 - Market condition, cost of new equipment, higher input costs
- Landowner habits (not willing to change)
- Use of cover crops

Actions Needed to Overcome Limiting Factors

- Encourage staff to use “one-person” layout with farmer, contractor assistance, or R-10
- Education (best practices, conservation methods, importance of preservation) for landowners/operators, producers, owners, suppliers etc.

Yearly Goal Updates

Year		Actions Completed, (Date)	Revisions to Goals, Actions	Additional Goals/Actions
1				
2				
3	2026			Add TSP as part of overcoming limiting factors- \$75/100
4				
5				

Appendix B

Priority Goal: Promote conservation practice applications that conserve & improve water resources.

Actions Planned	Timeframe	Milestones
<ul style="list-style-type: none"> Accelerate land treatment and secure funding for water quality projects 	<ul style="list-style-type: none"> Ongoing 	<ul style="list-style-type: none"> District Employment for 780
<ul style="list-style-type: none"> Continue promotion of plugging abandoned wells 	<ul style="list-style-type: none"> Ongoing Annual review 	<ul style="list-style-type: none"> Maintain cost-share with LOST funds
<ul style="list-style-type: none"> Educate local landowners/producers on the importance of available water resources in the county 	<ul style="list-style-type: none"> Bi-Annually 	<ul style="list-style-type: none"> Host a meeting to discuss solutions to the water resource concerns <ul style="list-style-type: none"> Provide educational material to the local landowners/producers in attendance (brochures, hand-outs, etc.) Invite water quality specialist or DNR to speak
<ul style="list-style-type: none"> Increase cover crop utilization and aim to reduce barriers to adoption 	<ul style="list-style-type: none"> Continuous 	<ul style="list-style-type: none"> Cover crops—limiting erosion and nitrogen sequestration Spread awareness of local farmers utilizing cover crops and the associated impacts on water quality through various methods of outreach (Facebook, newsletter, radio)
<ul style="list-style-type: none"> Improve/continue support the nutrient reduction strategy 	<ul style="list-style-type: none"> Ongoing Annual review 	<ul style="list-style-type: none"> Reach out and connect with the local water quality specialist <ul style="list-style-type: none"> Work with specialist to implement water testing in areas of priority (tile lines) Have testing data available to the SWCD Continue to work on nutrient & pesticide management (Focus on Silver Creek, Walnut Creek, Slocum Creek Watersheds) Grade stabilization/stabilization structures <ul style="list-style-type: none"> Contact Corp of Engineers to work together on projects

Factors Limiting Practice Application

- Maintenance limitations
- Expenses (grade stabilization structures, focusing on long-term ROI vs initial cost)
- Higher rates used as an insurance policy for nutrient and pesticides and operators do not realize implication to water quality
- Use of cover crops

Actions Needed to Overcome Limiting Factors

- Encourage producers to increase conservation on the upland so less maintenance is needed on the waterway (long term ROI)
- Continue to educate landowners/operators of collaborative responsibility to maintain and improve the natural resources they own, the benefits of cover crop usage, economic gains from good management practices

Yearly Goal Updates

Year	Actions Completed, (Date)	Revisions to Goals, Actions	Additional Goals/Actions
1			
2			
3	2026		Check tile lines for nitrates. Consider purchasing a water testing machine for tile lines and well water.
4			
5			

Appendix C

Priority Goal: For the benefit of all, protect and ensure quality of recreation and wildlife resources in-line with current conservation practices and opportunities.

Actions Planned	Timeframe	Milestones
<ul style="list-style-type: none"> Increase public awareness of environmental concerns 	<ul style="list-style-type: none"> Continuous Annual review 	<ul style="list-style-type: none"> Host a field day—annually Sponsor Trees for Threes Promote wildlife area Connect with the County Conservation Board and others to discuss park improvements, expanding areas, improve access, and converting highly erodible farmland and wetlands to areas of conservation
<ul style="list-style-type: none"> Find additional needed avenues to develop programs 	<ul style="list-style-type: none"> Annual review 	<ul style="list-style-type: none"> Educate the county on wildlife & wetland planting opportunities
<ul style="list-style-type: none"> Reverse the trend of short-term thinking farming fence row to fence row; farm program (corn base) 	<ul style="list-style-type: none"> Ongoing Annual review 	<ul style="list-style-type: none"> Keep in contact with legislations; REAP Board County Conservation District Forester & Wildlife Biologist
<ul style="list-style-type: none"> Research possible solutions to invasive species (windbreak and diseases) 	<ul style="list-style-type: none"> Annually 	<ul style="list-style-type: none"> Reach out to state forester for additional support Recommend introducing new species of trees in windbreak that are less prone to disease (compared to red cedar)

Factors Limiting Practice Application

- Lack of woodland management knowledge
- Operators do not see quick turnaround to investment
- Permanent seedings
 - Not the demand for forage
 - Government programs favor row crop production

Actions Needed to Overcome Limiting Factors

- Provide education materials to landowners on woodland management
- Promote long-term thinking; look at tree planning as a retirement plan
- Show producers how pasture and hay land plantings can be used for compliance purposes
- Utilize Ag Solver program; utilize partner options to aid producers in showing ROI—economic advantage

Yearly Goal Updates

Year	Actions Completed, (Date)	Revisions to Goals, Actions	Additional Goals/Actions
1			
2			
3	2026		Add district tour to increase public awareness of environmental concerns
4			
5			

Appendix D

Priority Goal: Enhance services as liaisons, providing guidance to community members to overcome financial and technical hurdles in applying conservation practices.

Actions Planned	Timeframe	Milestones
<ul style="list-style-type: none"> Publicize success stories of “Local Option Sales Tax” Fund 	<ul style="list-style-type: none"> Quarterly Annually 	<ul style="list-style-type: none"> Continue collaboration to utilize LOST funds
<ul style="list-style-type: none"> Keep partnerships intact with other conservation-minded agencies 	<ul style="list-style-type: none"> Ongoing review Quarterly 	<ul style="list-style-type: none"> Educate residents on conservation programs available
<ul style="list-style-type: none"> Encourage long-term financial thinking 	<ul style="list-style-type: none"> Ongoing Annual review 	<ul style="list-style-type: none"> Educate residents on conservation programs available Provide available financial resources in newsletter
<ul style="list-style-type: none"> Feature a local farmer or landowner who has implemented successful conservation practices (specifically farming methods--no till) in outreach. 	<ul style="list-style-type: none"> Annually 	<ul style="list-style-type: none"> Include a focus on how the SWCD was able to assist and provide support (information, education, technically, etc.) Conduct an interview with the farmer/landowner to include in outreach Host a meeting for the agricultural community to ask questions or guidance of the SWCD and other locals on conservation practice implementation (geared towards newer farmers) <ul style="list-style-type: none"> Develop applicator/contractor list
<ul style="list-style-type: none"> Continue to promote CRP practices to support conservation in the county 	<ul style="list-style-type: none"> As needed 	<ul style="list-style-type: none"> Promote awareness of CRP obligations and improve education of tree removal management for trees in CRP Incentivized livestock cattle grazing with cover crops and buffer strips Allow a certain percentage to be baled Continue to bale along waterways to maintain upkeep and improve efficiency

Factors Limiting Practice Application

- Weather & drought conditions
- Local Options Sales Tax limitations
- Dynamics of owners and operators’ relationships

Actions Needed to Overcome Limiting Factors

- Educate owner/operators on resources available
- Emphasize good communications between operators and owners
- Educate long-term natural resource stewardship

Yearly Goal Updates

Year	Actions Completed, (Date)	Revisions to Goals, Actions	Additional Goals/Actions
1			
2			
3	2026		Promote the program with outreach/advertise to absentee landowners. Use LOST funds to promote capital improvement programs. Encourage landowners to offer 5-year
4			leases to operators. Educate farmers about 5-year lease benefits. Promote 5 year lease to landowners with operators.
5			

Appendix E

Priority Goal: Grow educational programs at the county and state levels geared toward ensuring full opportunity for all community members to gain greater knowledge of conservation practices.

Actions Planned	Timeframe	Milestones
<ul style="list-style-type: none"> Continue collaboration with school districts, offering materials, presentations, education field days and assistance 	<ul style="list-style-type: none"> Annually Ongoing 	<ul style="list-style-type: none"> 2 meetings Ag & Environmental Science teachers. Elementary teachers – lessons for piloted curriculum Quarry & Farm Safety Day(s); Trees For Threes; Scholarships; IOWATER/canoe trips; Kindergarten Farm Tours
<ul style="list-style-type: none"> Promote District involvement in schools and organization 	<ul style="list-style-type: none"> Ongoing Annual Review 	<ul style="list-style-type: none"> Work collaboratively w/other corresponding field specialists to meet requested needs/interests of community, NRCS, FSA, Farm Bureau, Extension/4H, IDALS, ISU Continue to implement awards program and sponsor poster contest for K-12, and local 5-6 grade students <ul style="list-style-type: none"> Actively participate in NACD, CDI, IDALS, East Pottawattamie Conservation Education Award program Meet with schools to determine the possibility of implementing a compost project (rural schools) <ul style="list-style-type: none"> Aim to reduce food waste, encourage compost area, opportunity to educate on conservation Focus on expanding education and outreach in rural Iowa
<ul style="list-style-type: none"> Give presentations to local civic Groups, i.e. Women Landowners as requested on conservation measures and offer assistance to all groups 	<ul style="list-style-type: none"> Annually As needed 	<ul style="list-style-type: none"> 1 letter to all groups <ul style="list-style-type: none"> Women Landowners Rain Barrel events IA Children Water Festival presenter
<ul style="list-style-type: none"> Connect with absentee landowners to improve conservation efforts 	<ul style="list-style-type: none"> Annually Continuous 	<ul style="list-style-type: none"> Support communication between landowner and producer; communicate cost share and new programs to keep landowners informed Offer virtual meetings Create a list of emails for future communications

Factors Limiting Practice Application

- Iowa Core schedule & requirements

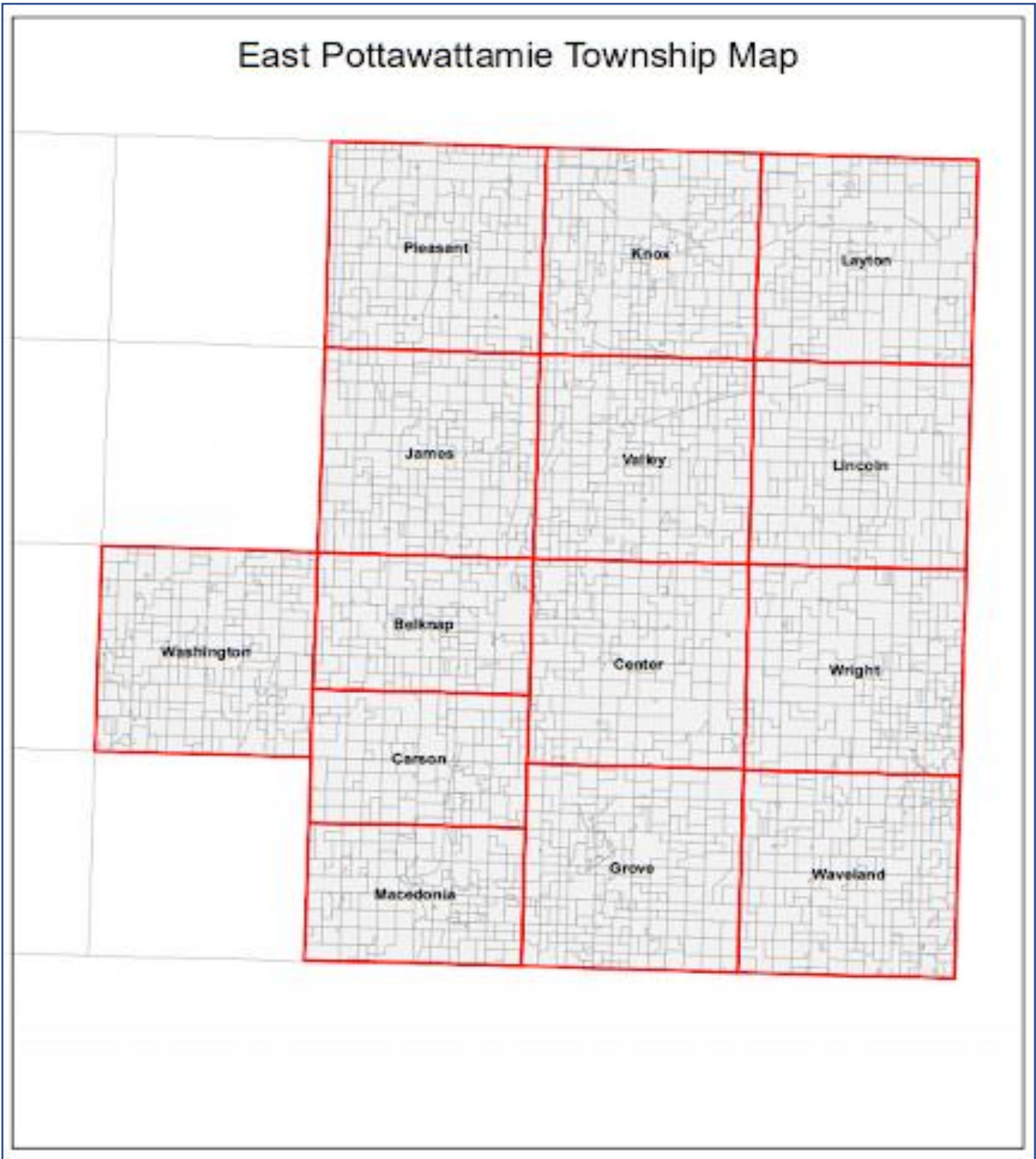
Actions Needed to Overcome Limiting Factors

- Education position continuation in collaboration with Iowa Core curriculum
 - Standardized programs, electronic curriculum, network of other Educators throughout the state (and nation if exists)
 - Performance measures and the long-term statistical goal of improving conservation knowledge outcomes for Iowa kids throughout their K-12 as well as increased implementation of conservation education into school’s curriculum plans

Yearly Goal Updates

Year	Actions Completed, (Date)	Revisions to Goals, Actions	Additional Goals/Actions
1			
2			
3	2026		Connect with absentee landowners to improve conservation efforts. Inform on current cost share available.
4			
5			

Townships Map



East Pottawattamie County
Townships Map

Maps

Hydrological Unit Code Watersheds Maps: show the full areal extent of surface water drainage for the U.S. using a hierarchical system of layered hydrologic units at various scales, each with an assigned hydrologic unit code (HUC). HUCs are delineated and georeferenced to U.S. Geological Survey. HUC 8 maps the subbasin level, analogous to medium-sized river basins and a HUC 10 covers the drainage area for a watershed, typically 40,000 and 250,000 acres in size.



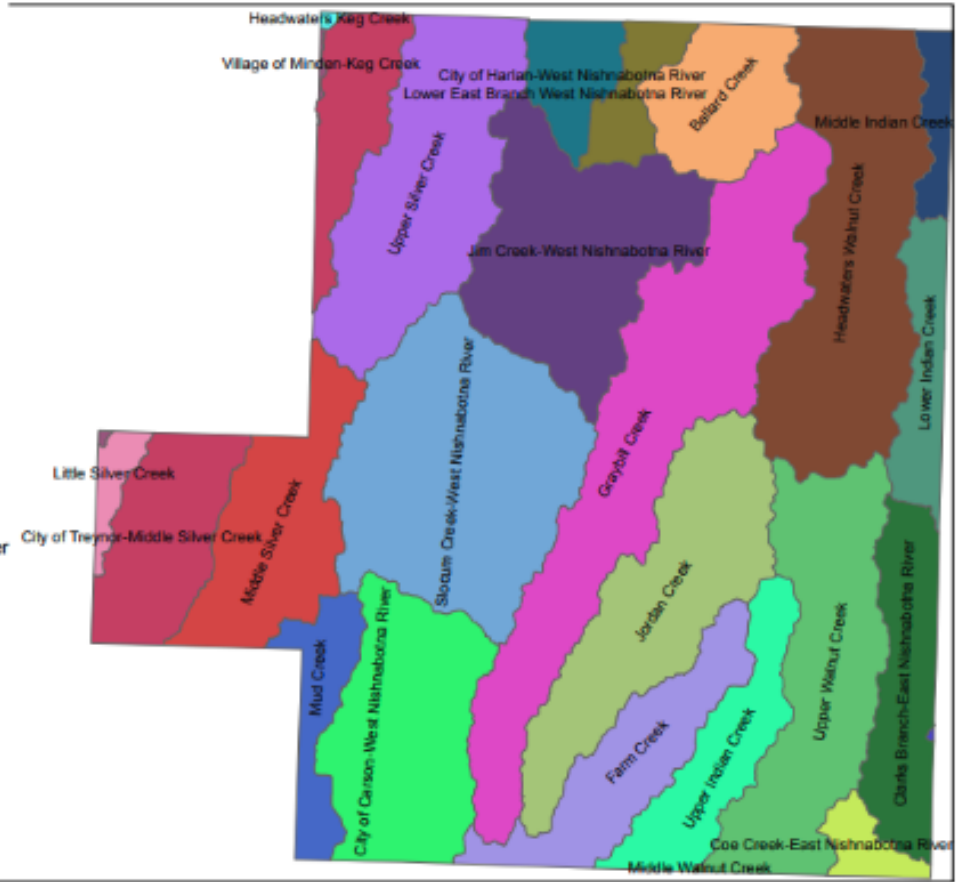
[East Pottawattamie County Interactive HUC 10 Watershed Map](#)

Hydrological Unit Code Watersheds Maps

Legend

East Pott SWCD Watersheds HUC12

- Name**
- Ballard Creek
 - Baughmans Creek
 - City of Carson-West Nishnabotna River
 - City of Harlan-West Nishnabotna River
 - City of Treynor-Middle Silver Creek
 - Clarks Branch-East Nishnabotna River
 - Coe Creek-East Nishnabotna River
 - Farm Creek
 - Graybill Creek
 - Headwaters Keg Creek
 - Headwaters Walnut Creek
 - Jim Creek-West Nishnabotna River
 - Jordan Creek
 - Little Silver Creek
 - Lower East Branch West Nishnabotna River
 - Lower Indian Creek
 - Middle Indian Creek
 - Middle Silver Creek
 - Middle Walnut Creek
 - Mud Creek
 - Slocum Creek-West Nishnabotna River
 - Upper Indian Creek
 - Upper Silver Creek
 - Upper Walnut Creek
 - Village of Minden-Keg Creek



[East Pottawattamie County HUC 12 Interactive Watershed Map](#)

Maps

Source Water Map: illustrates public wells and their associated groundwater capture zones within a county. It is important to understand that each well site captures groundwater from the surrounding areas to provide water to the well. Therefore, drinking water is impacted by not just its point source, but rather the expanding areas around the well.



[East Pottawattamie County Interactive Source Water Map](#)

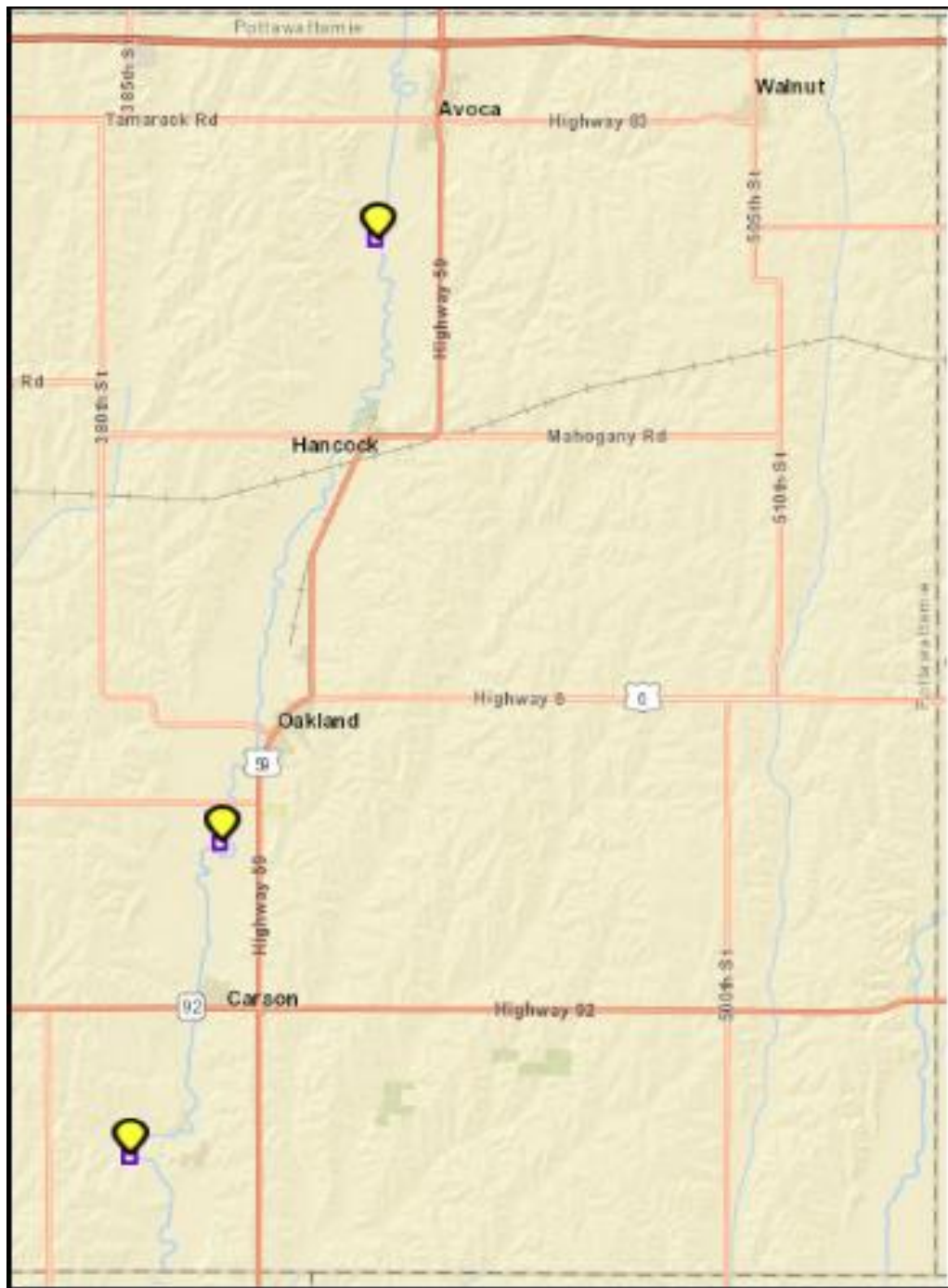
Maps

Mining and Minerals Data

<u>Facility ID</u>	<u>Facility Name</u>	<u>Address</u>	<u>Programs</u>
312050589	Avoca Pit	29751- 430TH STREET Avoca, IA 51521	Wastewater-NPDES General Permit #5 - Quarries- IAG140367
312049979	Macedonia Quarry	11910 - 385TH STREET Macedonia, IA 51549	Wastewater-NPDES General Permit #5 - Quarries- IAG140293
312051011	Oakland Pit	Oakland, IA 51560	Wastewater-NPDES General Permit #5 - Quarries- IAG140417

[East Pottawattamie County Mining and
Minerals Data](#)

Mining and Minerals Map



[East Pottawattamie County Interactive Mining and Minerals Map](#)

Local Working Group

What is a Local Working Group?

Local Working Groups are composed of agricultural producers, owners/operators of non-industrial private forest land, professionals representing agricultural and natural resource interests, and individuals representing a variety of disciplines in the soil, water, wetland, plant, forestry, and wildlife sciences who are familiar with agricultural and natural resource issues in the local community.

Role of Local Working Groups

Local Working Groups provide recommendations to the District Board of Commissioners, the District Conservationist and the State Conservationist on local natural resource priorities and criteria for conservation activities and programs.

Membership

Local Working Group membership aims to be diverse and focus on agricultural interests and natural resource issues existing in the local community. To ensure that recommendations of the Local Working Group take into account the needs of diverse groups served by USDA, membership shall include, to the extent practicable, individuals with demonstrated ability to represent the conservation concerns of particular historically underserved groups and individuals including, but not limited to, minorities; women; persons with disabilities; and socially and economically disadvantaged groups.

East Pottawattamie County Soil and Water Conservation District's Five-Year SWRCP Public Input Meetings

03/11/2020- Public Planning & Input Meeting

09/22/2020- Public Local Working Group Meeting

04/04/2024- Local Working Group Meeting

