

Ken Tow, Director
Division of Soil Conservation
Wallace State Office Building
Des Moines, IA 50319

Dear Ken:

As President of the Whitebreast Watershed Association, I am writing in concern of the WBWS project. The WBWS has been without a coordinator for a year now, since Anne Hildebrand left the position in November 2006. Since this time an assessment, final report and grant application has been completed and approved on the Upper Whitebreast Creek area in Clarke and Lucas counties. The WBWS has been approved for funding to be spent on priority concerns within the watershed by April, 2009; however, we have not received any of the funding. To get this accomplished we are in need of a coordinator to contact the local landowners, sell the conservation practices, assist with the technical services, rank the projects and complete the financial ledgers. The field offices have staff to assist the coordinator with the technical assistance, but don't have the staffing to dedicate it to the complete project.

The Commissioners in the four watershed counties, Warren, Lucas, Marion and Clarke are all in support of hiring a coordinator for Whitebreast Watershed along with the Whitebreast Watershed Association. The Districts are also supportive of proceeding with the WBWS project as there is much landowner interest and concern.

We are writing at this time and will be anxiously waiting your response as we are waiting to hold the WBWS annual meeting when we have more information on the possibility of a coordinator and future funding for the project.

Thanks for your concern on the matter and we will be anxiously waiting your response. Any questions you may have please, call me at (641)862-3841 or Jeff Matthias, DC at (641)774-2512.

Sincerely,



Arnold Schneider, President
Whitebreast Watershed Association

Cc: Jim Gillespie, DSC, Bureau Chief
Cathie Graves, DSC, Field Rep
Jeff Zimprich, NRCS, ASTC (FO)
Steve Hopkins, IDNR Section 319
Bill Evans, Lucas SWCD Chair
Terry Boles, Clarke SWCD Chair

February 2007 WATER QUALITY PROJECT MONTHLY REPORT

Project Name: Whitebreast Water Quality Project

Project Number: 091-1.01

Soil and Water Conservation District: Clarke, Lucas, Marion, Warren

Reporting Period: February 1 – February 28

Date Report Prepared: March 9, 2007

Reporting Individual: Duane R. Miller

Preparer's Signature: Duane R. Miller

SWCD Chairperson's Signature: Jerry L. Boler

February 2007 WATER QUALITY PROJECT MONTHLY REPORT

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Reporting Period: February 1 – February 28

Date Report Prepared: March 9, 2007

Reporting Individual: Duane R. Miller

Preparer's Signature: Duane R. Miller

SWCD Chairperson's Signature: Jerry L. Boler

January 2007 WATER QUALITY PROJECT MONTHLY REPORT

Project Name: Whitebreast Water Quality Project

Project Number: 091-1.01

Soil and Water Conservation District: Clarke, Lucas, Marion, Warren

Reporting Period: January 1 – January 31

Date Report Prepared: February 16, 2007

Reporting Individual: Duane R. Miller

Preparer's Signature: Duane R. Miller

SWCD Chairperson's Signature: *Jerry L. Boles*

Major work activities, project administration/planning meeting, accomplishments, public information activities, and other activities that impact the project: November 2006

January 4, Byron Patrick, Kim Williams, Duane Miller, Jeff Mathias, and Dennis Schrodt received training training on completing gully studies from Adam Kiel and Vince Sitzman.

Byron and Kim have been completing the stream channel survey (weather permitting).

January 5, Duane spent the day with Kim and Byron monitoring stream channel assessment.

Duane spent an additional 5 days in the watershed completing Gully surveys. Duane spent an additional 2 days in the county making contacts for permissions to get access for gully studies and inputting gully data.

Janet Easter began work on January 29th using the tablet to collect data on cropping history, rotation, tillage, etc. Due to the snow cover, data is being gathered from FSA office records.

About 40 percent of the stream survey has been completed as of the end of January. Forty-three gully surveys were completed by the end of January.

Cold weather and snow cover have prevent much field work on gullies or stream assessment since about January 22.

Weinkoetz, Judy - Osceola, IA

From: Hildebrand, Anne - Indianola, IA
Sent: Tuesday, November 28, 2006 3:16 PM
To: Bob Sandy; Don Reasoner; Duane Ohnemus; J.B. Hamilton; Jim A. McCoy (jamccoy@mmm.com); Kim Francisco (cisco@lucasco.net); Jung, Jay - Knoxville, IA; Matthias, Jeff - Chariton, IA; Morrell, Nick - Indianola, IA; Schrodt, Dennis - Osceola, IA; Cathie Graves (cathie.graves@idals.state.ia.us); Schrodt, Dennis - Osceola, IA; Dora Guffey; Hilger, Dennis - Creston, IA; Appelgate, Linda - Ankeny, IA; Sitzmann, Vince; Ubbo Agena (ubbo.agena@dnr.state.ia.us)
Cc: Zimprich, Jeffrey - Atlantic, IA; Trautman, Bruce - Fairfield, IA; 'paul.valin@idals.state.ia.us'; Grimm, Marcia - Indianola, IA; Hunerdosse, Sandi - Chariton, IA; VanderHart, Frances - Knoxville, IA; Weinkoetz, Judy - Osceola, IA
Subject: Whitebreast Watershed Association Annual Meeting
Attachments: WWA Mtg. Agenda 01-18-07.doc; 11-08-06 WWA Minutes.doc

The next Whitebreast Watershed Association Board meeting will be held on Thursday January 18, 2007 at the Lacona Community Hall in Lacona, IA. The meeting will begin at 7 p.m.

Along with the usual business, it is the time for the Board of Supervisor Representative for each county to be nominated from each county's Board of Supervisors and the election of officers: president, vice president, and secretary/treasurer.

The new agenda and the minutes from the last Association meeting are attached.

Anne Hildebrand
Environmental Specialist
Iowa Dept. of Agriculture & Land Stewardship
Division of Soil Conservation
Phone: 515-961-5264
Fax: 515-961-5738

Whitebreast Creek Watershed Association Annual Meeting Agenda

January 18, 2007 (Thursday)

Location: Lacona - Lacona Community Hall

Meeting at 7 p.m.

Call Meeting to Order

Agenda, Minutes, Treasurer's Report

1. Adopt agenda M_____ S_____
2. Consider approval of minutes from November 8, 2006 meeting. M_____ S_____
3. Treasurer's Report M_____ S_____

Reports

1. Whitebreast Update

Old Business

1. IRS Tax Return for the Whitebreast Watershed Association - Alan

New Business

1. Election of Officer's M_____ S_____
 - a. President, Vice President, Secretary/Treasurer
2. Appointment of County Supervisor Members (3 year term)
 - a. One (1) Director appointed by the Board of Supervisors from each county (Clarke, Lucas, Marion & Warren Counties)
3. Presentation by J. B. Hamilton about lake project.
4. Vote on sending letter of support from the WWA for J.B.'s project. M_____ S_____
5. Adjourn M_____ S_____

WHITEBREAST WATERSHED ASSOCIATION

Lacona Community Building

Lacona, IA 50139

MINUTES

November 8, 2006 - 7:00 PM

Those Present:

Arnold Schneider, WBWS Vice-President
Kim Francisco, Lucas Co
Clarence Gee, Lucas Co
Allan Mathias, Clarke Co
Dora Guffey, Chariton Valley RC&D
Dennis Schrodt, DC, NRCS, Clarke Co
Nick Morrell, DC, NRCS, Warren Co
Cathie Graves, Field Rep, IDALS/DSC
Paul Valin, Field Rep, IDALS/DSC
Jeff Zimprich, ASTC(FO), NRCS, Atlantic
Sarah Zimmerman, SC, NRCS, Warren Co
Anne Hildebrand, ES, WBWS

Bob Sandy, Warren Co
Sam Nichols, Marion Co
JB Hamilton, Clarke Co
Jim McCoy, Marion Co
Linda Applegate, IA Heartland RC&D
Jeff Matthias, DC, NRCS, Lucas Co
Jay Jung, DC, NRCS, Marion Co
Mary Klein, Clarke Co
Vince Sitzman, ES, IDALS/DSC
Bruce Trautman, ASTC(FO), NRCS, Fairfield
Sandi Hunerdosse, Sec, Lucas Co

CALL MEETING TO ORDER

Association Vice-President, Arnold Schneider, called the meeting to order at 7:05 PM, at the Lacona Community Building in Lacona. Introductions were made. President Duane Ohnemus was unable to attend.

AGENDA:

Schneider called for additions to or approval of the proposed agenda.

(06-06) Motion by Francisco, seconded by Sandy to approve the agenda as presented. Motion carried.

MINUTES:

Hildebrand reviewed the minutes from the January 26, 2006 meeting.

(06-07) Francisco moved to approve the minutes of the January 26, 2006 meeting as presented, seconded by McCoy. Motion carried.

TREASURER'S REPORT:

Hildebrand reviewed the treasurer's report as presented in the board handout. Alan Mathias, treasurer, explained the activity of the checking account, he had to withdraw \$1.00 to keep the account open and then he deposited the \$1.00. Mathias had to show some activity in the account to keep it open. The balance remains the same.

(06-08) Motion by Gee, seconded by Sandy to approve the treasurer's report as presented. Motion carried.

Reports:

Whitebreast Coordinator Update: Anne gave her coordinator's report and updates to the board. Anne had handouts of maps of the Whitebreast watershed showing the 303(d) impaired waters, the upper Whitebreast Creek stream assessment and East Lake in Clarke County. Anne discussed the problem areas and priority areas of the watershed with the members.

Anne updated the members on the funding WBWS had received in 2006:

WSPF funds, \$158,809.80 of which \$136,883.31 was expended and \$8,151.94 was obligated.

EPA-319 funds, \$60,000.00 of which \$30,358.34 was expended. 32 projects were funded benefiting 802.2 acres with a sediment delivery reduction of 1,730 tons/year.

EQIP Special Project funding, \$475,000.00, of which \$474,348.96 was obligated for 47 EQIP contracts in the 4-county watershed area.

A breakdown of EQIP projects and dollars by county:

Clarke: \$41,302 for 2 contracts

Lucas: \$190,334.96 for 19 contracts

Marion: \$191,847 for 21 contracts

Warren: \$50,865 for 5 contracts

Anne has held 2 snapshot/water monitoring field days in 2006, one in the spring and in the fall. This was the 9th year to do the snapshot project in the WBWS. Some of the results of the sampling were that there are high nutrients in the area near the Knoxville water treatment plant.

Anne discussed the assessment and what IDNR would like to come out of the assessment. The assessment will focus on the impaired waters. Anne had maps of the sites to review with the board. The 1st part of the assessment will focus on Clarke and Lucas Counties on the head water. The assessment will work on stream and windshield survey. There are 100 gully sites. Anne informed the board that to get moving forward with the assessment, all 4 counties (Clarke, Warren, Lucas and Marion) will have to be in agreement and show their support of the project. The funding sources for the project after the assessment could be EPA-319, WPF, WSPF and other grants. Anne discussed the report from the 2004 study.

Question: Bob Sandy-time line to complete the assessment in the 1st area?

Answer: Anne- 2 to 3 months, this would be an on-site assessment and now would be a good time to complete the study with no snow on the ground.

The Districts that have agreed to support the assessment to date are Clarke, Lucas and Warren counties, Marion has tabled till their next commissioner's meeting, November 14th.

Comment: Mary Klein, Clarke Co-Encouraged the board to go along with the assessment and be supportive of the project and work together for the cause of the project. She reviewed the amounts of cost share dollars that had be spent in each of the 4 counties and stressed how the project needs support from all the board members.

New Business:

IRS Tax Return for Tax Exempt Organizations: Anne reported to the board that she had received paperwork for filing a IRS tax return for tax exempt organizations. After discussion it was decided that this filing goes along with the #990 form to the IRS. Alan Mathias agreed to look into the reporting of the tax return for non-profits with the help of the Iowa Heartland RC&D staff. The RC&D has to file these annual reports also and they will be able to assist the WBWS board.

(06-09) Motion by Francisco, seconded by Hamilton to have Mathias look into the filing of the Tax Exempt IRS tax return. Motion carried.

Review of 28E Agreement and WWA By-Laws: Anne gave each board member present a copy of the 28E Agreement and the WWA By-Laws for them to review. The members discussed the 28E Agreement, concerning members of the agreement, IDNR and IDALS/DSC are non-voting members, per Article IV item C. Also there will be some other changes to the Agreement, such as the contact person, this needs to be updated to the new coordinator.

The By-Laws were also reviewed. In Article II, it was discussed the members and term of those members, in Section 2. The members also reviewed what is needed to have quorum at the meetings.

Roles and Responsibilities: Cathie Graves, Field Rep with the IDALS/DSC reviewed the roles and responsibilities of the watershed board and the WBWS Coordinator.

The WWA should be the advisory board to the 4 Districts in the watershed. Advise them in regards to the funding from PL566 and 206 for flood control.

Direction of the Whitebreast Creek Watershed Association: Paul Valin, Field Rep with IDALS/DSC was at the meeting to facilitate the round table discussion on the future of the WWA board and the future of the project. Paul had the board members do a brainstorming session and asked the members write down their thoughts on the questions:

1. What do you see as a natural resource/environmental problems in the WBWS?
2. What is needed to solve these problems?
3. How will these problems be resolved?
4. What are you personally willing to do to accomplish this task?

To these questions Paul emphasized before answering the questions "That everyone's ideas are valued", "Need participation from all members of the board" and "Everyone needs to look to the future."

The results of the roundtable/brainstorming discussion will be an enclosed attachment.

Commitment of the Whitebreast Watershed Association: A commitment from the WWA was discussed. It was agreed that the association was for the WBWS project and to proceed forward with the assessment.

(06-10) Motion by Francisco, seconded by Gee for the WWA to commitment to the direction of the Whitebreast Creek Watershed project. Motion carried.

Other Business:

Introduction of new DC in Marion County: Anne introduced the new DC in Marion County, Jay Jung. Jay started in Marion county in March, replacing Marv Mensching, DC who passed away in June.

Anne requested that the WBWS board members contact her if they have any items for the agenda of the January meeting. At the January meeting will be election of officers and appointment of the County Board of Supervisors representatives.

JB Hamilton requested that he be able to present his plans for his lake project in Clarke county at the January meeting. JB's project is a "Green Development." JB also expressed to the board that he would like a letter of support for his project. After discussion, it was agreed to discuss JB's project in greater detail at the January meeting.

Anne, ES, expressed to the WBWS board that they take with them the question, "Where do we go from here?" and bring their ideas to the January meeting.

Adjournment:

The next meeting of the WBWS will be on January 11, 2007. No further business, meeting adjourned at 9:30 PM.

(06-11) Motion by Francisco, seconded by Hamilton to adjourn the meeting. Motion carried.

Respectfully submitted by:

S. Hunerdosse, State Secretary

DIRECTION OF Whitebreast WATERSHED-Round table
Facilitated by Paul Valin, IDALS/DSC

1. What do you see as the natural resource/environmental problems in the Whitebreast Creek Watershed?

CHALLENGES:

1. (8 votes) Streambank erosion/sediment passed through the stream
2. (6 votes) Gullies are developing and growing
3. (4 votes) Water quality - WBWS & Red Rock Lake
 Something in the water (causing rash on people)
 Illegal dumping of white good and trash in tributaries & Whitebreast under bridges
4. (3 votes) New storm sewers installed causing flash flooding/civic run-off
5. (1 vote) Sediment largest contributor to Red Rock Lake
 Discharges into stream (septic-waste water treatment plants/lagoons, etc.)

Comments/Concerns (no votes)

- *Spuratic flows in stream
- *Dry to bank being full
- *Stream cutting deeper & wider
- *Shortage of livestock water
- *Livestock using stream may result in E. Coli
- *Ground source water from abandon wells

2. What is needed to solve these problems?

SOLUTIONS:

1. (5 votes) Appropriate funding sources-no more Band-Aids
2. (4 votes) Money we need to go after-COE, 206 PL566, EPA-319,WIRB, whatever it takes
3. (2 votes) Education -about the cause & effect to stream & lake
 Flexibility to try new methods
 Enforcement of dumping rules
 Comprehensive evaluation of upland area to stop erosion
4. (1 vote) Long range planning: vision starts idea & move forward - Have patience and be steadfast

Comments/Concerns (no votes)

- *Work in public places on impoundments
- *Pool & ripples - streambank protection
- *Expect communities to be accountable for run-off
- *Identify needs & implement timely, prioritize
- *Deer population control

3. How will these problems be resolved? (No time to discuss)

Comments/Concerns

- *Containment structures, education, not sure will ever be resolved but can be reduced
- *Working together toward a common goal for an improved WBWS -starting at the local grassroots of each of the 4 counties-more awareness of the need & proceeding on to the local & area agencies. Team effort
- *By construction of sediment control structures & funding to implement BMPs
- *Silt structures for control of sediment deposit nutrient holding basins

4. What are you personally willing to do to accomplish this task?

Personal/WWA Commitment

1. (5 votes) Increase cost share rate in priority areas
2. (4 votes) Work as a member to work on problems we agree to
3. (3 votes) Set through whatever meetings-anywhere
Work with the state to record serial numbers for preventing dumping of white goods
4. (1 vote) Work to educate the public-board needs to commit to meet goals
Control erosion on my property
Start here as the pollution goes all the way to the gulf

Comments/Concern (no votes)

- *Work to get them money (landowners in watershed to do work needed)
- *Encourage community to encourage farmers
- *Goes as far as the money is available

WHITEBREAST CREEK WATERSHED PROJECT MONTHLY REPORT FOR OCTOBER 2006

Project Name: Whitebreast Creek Watershed Project

Project Number: 091-1.07

Reporting Period: October 1, 2006 – October 31, 2006

Soil and Water Conservation District: Warren, Clarke, Lucas, and Marion

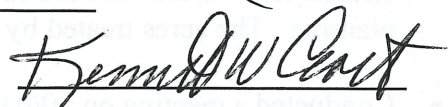
Date Report Prepared: November 14, 2006

Reporting Individual: Anne Hildebrand

Signature of Reporting Individual:



Signature of Warren Co. SWCD Commissioner:



Whitebreast Creek Watershed Project Monthly Report for October 2006
Anne Hildebrand, Project Coordinator

- I. Planning; Work Activities; Major Accomplishments; Public Information; BMPs Initiated or completed, Status of activities scheduled for completion; Scheduled Activity Progress:

Activities:

Project Coordinator

- Completed the September monthly, July through September quarterly, and annual reports and updated the project administrative spreadsheet.
- Completed the sediment delivery calculations for the SFY and FFY 2006 WSPF, EPA-319, and EQIP projects that were completed. Based on the sediment delivery calculations for SFY and FFY 2006, the sediment delivery reduction in the Whitebreast Creek Watershed was 2,372 tons/year (this includes a SFY07 funded WSPF project which was completed within the 2006 FFY). The practices that were installed are as follows: 25,687 feet of terraces, 4.35 acres of grassed waterways, 15 grade stabilization structures, 30 water and sediment control basins, and 256.5 acres of pasture and hayland planting. The acres treated by the installation of these practices are 851.9 acres.
- Conducted a meeting on 10/03/06 at the Indianola Public Library to discuss the Whitebreast assessment. Those in attendance were: Ubbo Agena, Jim Gillespie, Cathie Graves, Paul Valin, Vince Sitzmann, Nick Morrell, Jeff Matthias, and I. It was decided at this meeting that we would assess the 76.639 acre watershed which ends at the confluence of Brush Creek and Whitebreast Creek in Lucas County. Ubbo and Jim stated that the Clarke, Lucas, Marion and Warren SWCD boards would all need to approve the new direction of the assessment and the Whitebreast Creek Watershed Project for the Project to continue.
- Attended the Warren County SWCD meeting on 10/10/06, the Clarke County SWCD meeting on 10/11/06, the Lucas County SWCD meeting on 10/16/06, and the Marion County SWCD meeting on 10/26/06. The Warren, Clarke, and Lucas SWCDs approved the new direction of the Project and the assessment. The Marion County SWCD invited Ubbo Agena, Jim Gillespie, and Paul Valin to their meeting to answer questions about the assessment and discuss their concerns. The Marion County SWCD decided to table the decision until their next meeting on 11/14/06. The assessment is currently on hold awaiting a decision from Marion County.
- Assisted the Indianola NRCS office by answering phone calls and helping out at the counter.

- Entered the Clarke and Lucas County landowners which have land along the stream segments which are proposed to be assessed using the DNR RASCAL (Rapid Assessment of Stream Conditions Along Length) protocol into an excel spreadsheet. The parcel layers from the Clarke and Lucas County Assessors were used to acquire the landowner information. Using mail merge, the spreadsheet data was merged into a letter and a post-card to be sent to these landowners. The landowners would need to approve the assessment being completed on their land since it is voluntary. The letters will be sent out after confirmation is received from the state regarding whether the assessment can proceed as planned.
- Continued to enter the FFY06 Whitebreast projects into ArcMap for the DNR. After speaking with Kate Bussanmus (DNR GIS Specialist), additional information would need to be added to the layers' attribute tables before the information is submitted to DNR.

SWCD: | warren | DSC NO: | 091-1.07

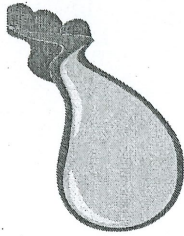
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11/14/2006 1 of 1 Version 2M

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11/14/2006 1 of 2 Version 2M

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Whitebreast Watershed Association

October 4, 2006

To: Whitebreast Watershed Association Board

From: Anne Hildebrand, Project Coordinator

Subject: Semi-Annual Meeting

The next Whitebreast Watershed Association Board meeting will be held on Wednesday November 8, 2006 at the Lacona Community Hall in Lacona, IA. The meeting will begin at 7 p.m.

Along with our regular business items we will be discussing the following subjects:

- Review of the 28E Joint Agreement and Association By-Laws
- Direction of the Whitebreast Creek Watershed Project
- Commitment of the Whitebreast Watershed Association

This meeting is very important as the results will impact the future of the Whitebreast Watershed Project. I understand that this is a very busy time of year but it is necessary that we meet as soon as possible because the direction of the Whitebreast Project is being required to change.

I hope you all can attend.

The meeting's agenda is attached.

Please let me know if you have any questions and if you will be able to attend.

My office number is 515-961-5264 and my email is anne.hildebrand@ia.nacdnet.net

Thank you ☺

Officers

President – Duane Ohnemus, Warren County

Vice President – Arnold Schneider, Lucas County

Secretary – Alan Mathias, Clarke County

Members

J.B. Hamilton, Clarke County

Kim Francisco, Lucas County

Don Cummings, Marion County

Harold Wachter, Warren County

Jack Bensink, Marion County (Alt.)

Bob Sandy, Warren County

Don Reasoner, Clarke County (Alt.)

Helmut Mueller, Clarke County

Clarence Gee, Lucas County

Howard Pothoven, Marion County

Jim McCoy, Marion County (Alt.)

Dan Dittmer, Warren County (Alt.)

Jack Cooley, Clarke County (Alt.)

Whitebreast Creek Watershed Association Semi-Annual Meeting Agenda

November 8, 2006 (Wednesday)
Location: Lacona - Lacona Community Hall
Meeting at 7 p.m.

Call Meeting to Order

Agenda, Minutes, Treasurer's Report

1. Adopt agenda M_____ S_____
2. Consider approval of minutes from January 26, 2006 meeting. M_____ S_____
3. Treasurer's Report M_____ S_____

Reports

1. Whitebreast Coordinator Update - Anne Hildebrand

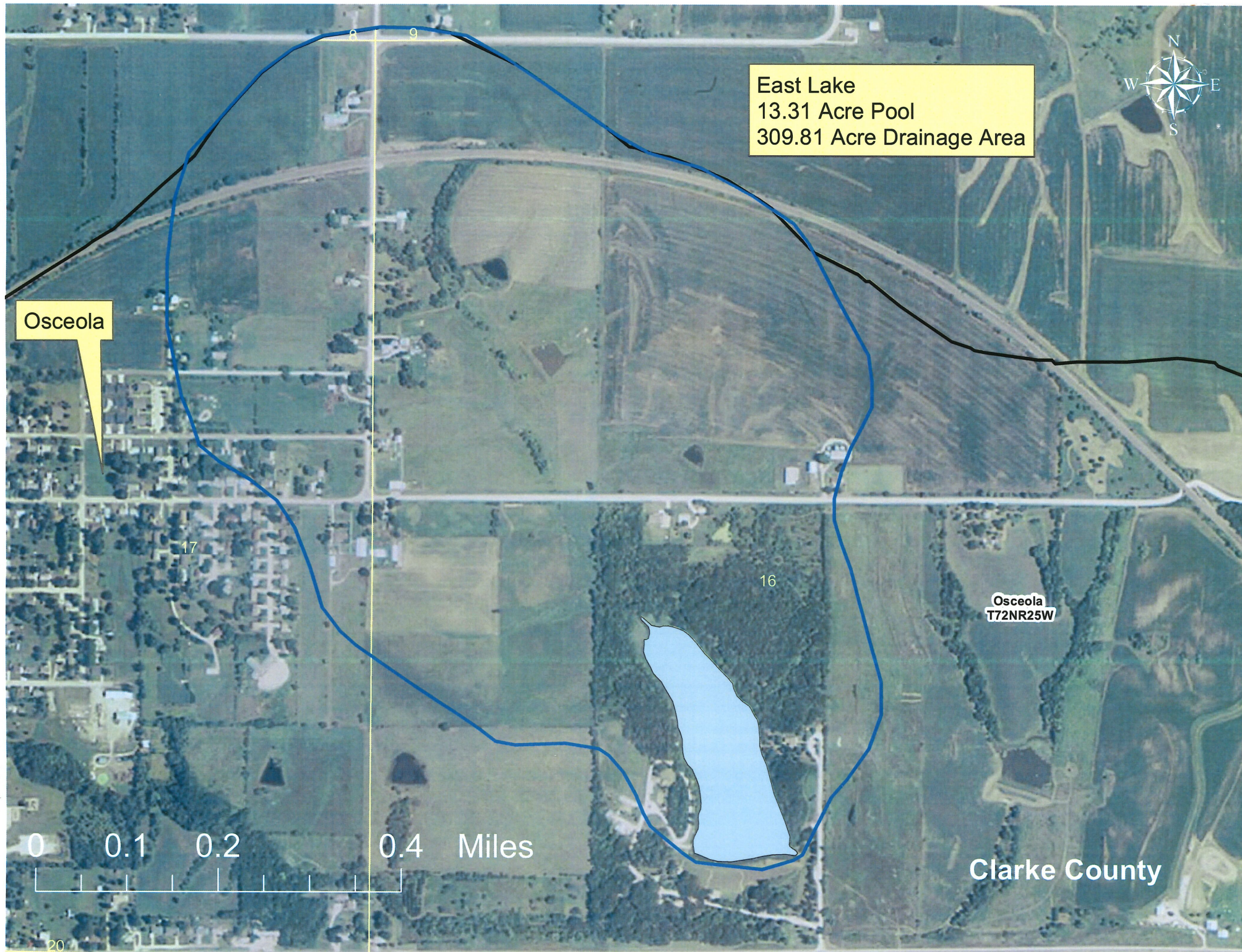
New Business

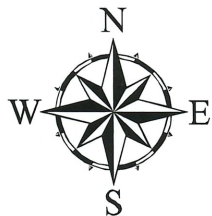
1. IRS Tax Return for Tax Exempt Organizations M_____ S_____

Other Business

1. Review of 28E Agreement and WWA By-Laws
2. Direction of the Whitebreast Creek Watershed Project
3. Commitment of the Whitebreast Watershed Association
4. Other Issues/Comments
5. Next meeting will be held on January 11, 2007
 - a. County Board of Supervisor Representative Appointment
6. Adjourn M_____ S_____

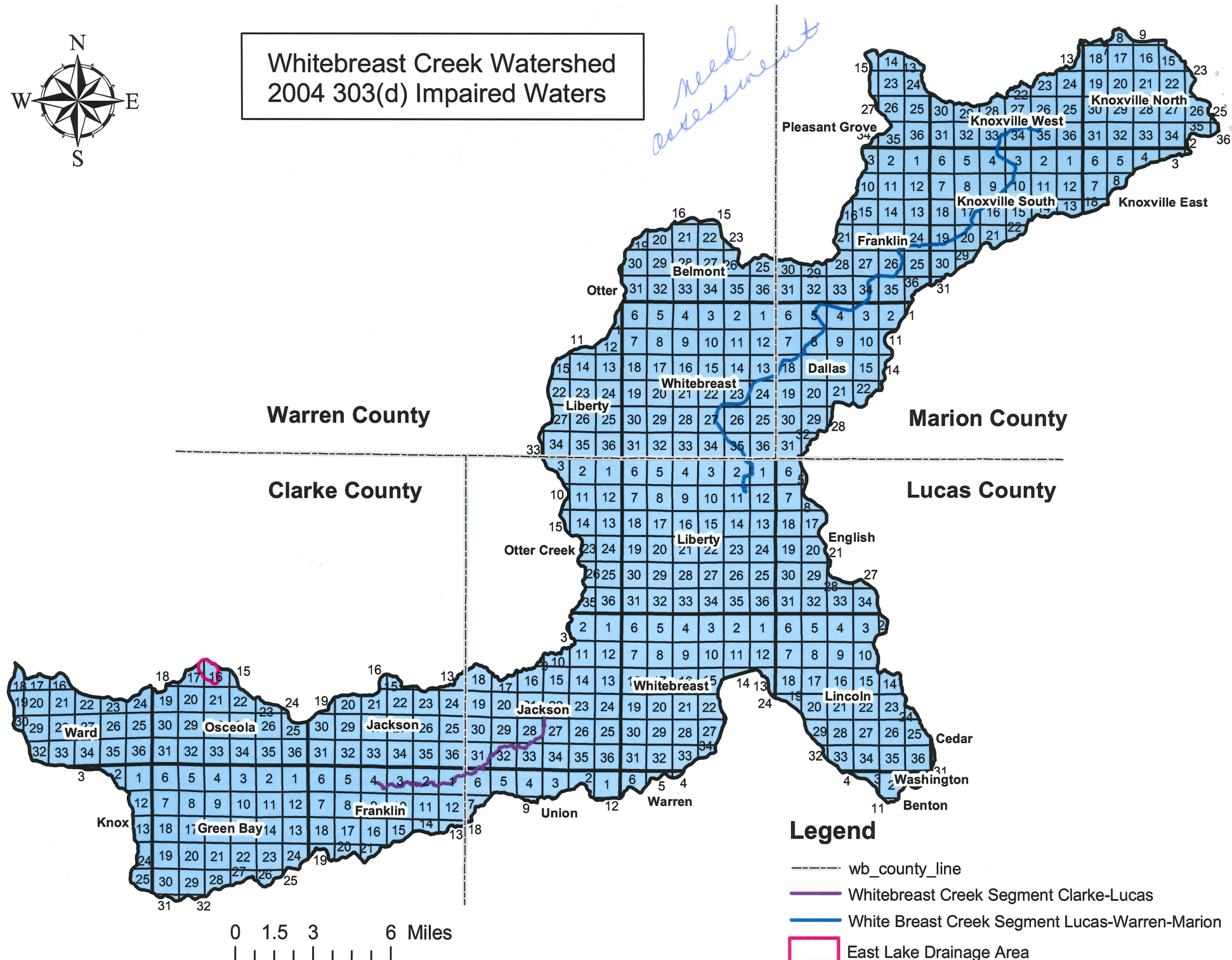
Title	LAST NAME	FIRST NAME	ADDRESS1	ADDRESS2	CITY	STATE	ZIP	COUNTY	HOME	OFFICE
Clarke BOS Rep	Hamilton	JB	P O Box 431		Osceola	IA	50213-0431	Clarke	641-342-3004	
Secretary-Clarke At-Large	Mathias	Alan	900 Smith Street		Woodburn	IA	50275-8025	Clarke	641-342-7023	641-342-6654
Clarke SWCD Rep	Mueller	Helmut	2524 Idaho Street		Osceola	IA	50213-8365	Clarke	641-342-3480	
Clarke BOS (Alternate)	Reasoner	Don	100 S Main	Clarke County Courthouse	Osceola	IA	50213-1293	Clarke		641-342-4256
Clarke At-Large (Alternate)	Cooley	Jack	100 S Main	Clarke County Courthouse	Osceola	IA	50213-1293	Clarke		641-342-4256
Lucas At-Large	Francisco	Kim	47753 127th Ave		Lucas	IA	50151	Lucas		
Lucas BOS Rep	Gee	Clarence	916 Braden Ave	Lucas County Courthouse	Chariton	IA	50049-1700	Lucas		641-774-2018
Vice President-Lucas SWCD Rep.	Schneider	Arnold	57495 230th TRL		Lacona	IA	50139-9603	Lucas	641-862-3841	
Marion SWCD Rep (Alternate)	Bensink	Jack	798 Hwy G40		Pleasantville	IA	50225-7642	Marion	515-848-3769	
Marion SWCD Rep	Cummings	Don	608 Lisbon		Pleasantville	IA	50225-7628	Marion		
Marion At-Large	McCoy	Jim	1628 - 70th Ave		Dallas	IA	50062-8539	Marion	641-842-2678	
Marion BOS Rep	Pothoven	Howard	214 E Main	Marion County Courthouse	Knoxville	IA	50138-2545	Marion		641-828-2231
Warren BOS or SWCD Rep (Alternate)	Dittmer	Dan	2028 - 240th Ave		Lacona	IA	50139-9225	Warren	641-534-4162	
President- Warren SWCD Rep	Ohnemus	Duane	2162 G58 Hwy		Milo	IA	50166-9663	Warren	641-942-6500	
Warren BOS Rep	Wachter	Harold	2169 Quebec		Milo	IA	50166-9697	Warren	641-534-4710	
Warren At-Large	Sandy	Bob	Warren County Supervisors	301 N Buxton	Indianola	IA	50125	Warren	515-961-4164	





Whitebreast Creek Watershed 2004 303(d) Impaired Waters

*Need
assessment*



WHITEBREAST CREEK WATERSHED PROJECT MONTHLY REPORT FOR AUGUST 2006

Project Name: Whitebreast Creek Watershed Project

Project Number: 091-1.07

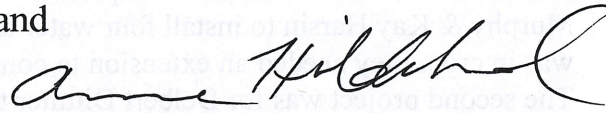
Reporting Period: August 1, 2006 – August 31, 2006

Soil and Water Conservation District: Warren, Clarke, Lucas, and Marion

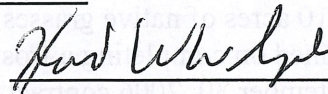
Date Report Prepared: September 11, 2006

Reporting Individual: Anne Hildebrand

Signature of Reporting Individual:



Signature of Warren Co. SWCD Commissioner:



Whitebreast Creek Watershed Project Monthly Report for August 2006
Anne Hildebrand, Project Coordinator

- I. Planning; Work Activities; Major Accomplishments; Public Information; BMPs Initiated or completed, Status of activities scheduled for completion; Scheduled Activity Progress:

Activities:

Project Coordinator

- Completed the July and created a new project administration spreadsheet for the 2007 state fiscal year.
- Completed the mandatory USDA Privacy Training. Certificate attached.
- Sent a letter to Cathie Graves requesting that the EPA-319 contract year be extended to December 31, 2006 in order to complete two projects. The first project was for Don Murphy & Kay Harsin to install four water and sediment control basins. Since their land was in crop, they needed an extension to complete the work after September 30, 2006. The second project was for Delbert Dittmer to complete a pasture and hayland planting for 10 acres of native grasses and 40.5 acres of cool season grasses. Since Delbert planned on completing a frost seeding, the project required an extension past the September 30, 2006 contract year end.
- Attended the Warren County SWCD meeting on August 8th and the Clarke County SWCD meeting on August 9th. At the Warren SWCD meeting, the board approved the letter to Cathie Graves requesting that the 319 contract year be extended to December 31, 2006. The Warren SWCD also unanimously moved to draft a "rousing" letter on behalf of the Whitebreast Creek Watershed to Jeff Zimprich, Area 4 Assistant State Conservationist (FO), in support of and highlighting the watershed as a high priority for Warren County. At the Clarke County SWCD meeting, a draft letter of support to Jeff Zimprich on behalf of the Whitebreast Creek Watershed was brought before the board. The board requested that the letter be re-written and brought before them at the September SWCD meeting.
- Rebecca Schwiete from the DNR called and suggested that another letter be written requesting that the unspent FY06 319 funds be rolled over to the FY07 fiscal year because it would make accounting difficult to extend the current contract year to December 31, 2006. Another letter was drafted and will be brought before the Warren County SWCD commissioners at the September meeting for approval and signature
- Drove to Kenneth Marker's property to GPS the structure that was built with FY06 WSPF. The GPS points were then uploaded into ArcMap.

- Continued to enter FY2006 projects into ArcMap and Toolkit and work on RUSLE calculations.
- Assisted the Indianola NRCS office by answering phone calls and helping out at the counter.
- Conducted a meeting in Indianola to develop the ranking sheet for the FY07 Whitebreast cost-share. Those in attendance were: Jeff Matthias (Lucas County DC), Nick Morrell (Warren County DC), Jay Jung (Marion County DC), Dennis Schrodt (Clarke County DC), Sarah Zimmerman (Warren County SC), and Vince Sitzmann (Regional Coordinator). It was decided to lower the cost-share rate to 50% due to an incomplete assessment and the planning of a future assessment. A copy of the ranking sheet is attached.
- Created and sent out the invitations for the Whitebreast Creek Watershed FY06 Annual Review. The review is being held at the Annette Nature Center on September 21, 2006 at 1:00 pm.
- Sent out the announcement for the 9th Whitebreast Creek Watershed Snapshot Event. The event is being held on Saturday September 30th from 8-Noon. The announcement is attached.
- Attended the Introduction to Soil Survey – Level 1 in Indianola from August 22-24. Agenda attached.
- Attended the CDI Region 6 meeting on Monday August 28, 2006. Agenda attached.
- Assisted Chuck Abel (Warren County State Tech) with the layout of a basin for Don Pochter's Whitebreast EQIP contract. Pre-construction information was taken for the Sediment Delivery Calculator.
- Began to fill out the required NRCS background check information.
- Received a phone call from Mark Frazier, Silver Oak Capitol Corporation. Mark resides in California and was interested in installing a structure land that is being used for quail restoration. The land lies in Lucas County and the Lucas county field office was contacted for more information about the land. Options for Mark are still being researched.



United States Department of Agriculture

Certificate of Excellence

is hereby granted to

Anne Hildebrand

for successfully completing the following training:

Privacy

Granted on: **July 31, 2006**

Please retain this certificate for your records.

Line Item	Individual Budget Item	Funding Source	Original Allocation	Obligated	Expended	Unobligated Balance
1	Salary/Benefits	319	\$28,500.00	\$0.00	\$28,500.00	\$0.00
2	Salary/Benefits	WPF	\$28,000.00	\$0.00	\$28,000.00	\$0.00
3	Indirect Cost	319	\$6,200.00	\$0.00	\$6,200.00	\$0.00
4	Travel & Training	WPF	\$3,000.00	\$0.00	\$133.94	\$2,866.06
5	Travel & Training (GIS Spec.)	319	\$1,000.00	\$0.00	\$0.00	\$1,000.00
6	Supplies	319	\$1,600.00	\$0.00	\$87.70	\$1,491.30
7	Contractual Services (GIS)	319	\$22,900.00	\$0.00	\$7,508.30	\$14,991.70
8	Contractual Services (GIS)	WPF	\$16,743.00	\$0.00	\$5,981.00	\$11,162.00
9	Information & Education	319	\$2,500.00	\$0.00	\$18.12	\$2,481.88
10	Terraces	WSPF	\$89,056.46	\$0.00	\$77,012.12	\$12,044.34
11	Grassed Waterways	WSPF	\$9,900.00	\$3,083.75	\$4,841.04	\$1,995.21
12	Grade Stab. Structures	WSPF	\$59,148.06	\$5,088.19	\$54,324.87	\$265.00
13	Water & Sed. Control Basins	319	\$37,500.00	\$0.00	\$24,687.09	\$12,812.91
14	Water & Sed. Control Basins	WSPF	\$705.28	\$0.00	\$705.28	\$0.00
15	Pasture & Hayland Planting	319	\$22,500.00	\$0.00	\$5,771.25	\$16,728.75
		Totals	\$328,762.80	\$6,151.94	\$243,191.71	\$77,409.15

[illegible]

Applicant Information			Pre-Implementation				Post-Implementation								Loading Reductions				
Line Item	Cost Share Claim Number	Landowner Name	Amount Planned	SWCD Approval Date	Cost Share Source	Funding Obligated	Date Certified	Amount Installed	Cost Share Claim Filed	Funds Expended	Land-owner Costs	Soil Loss Before (t/acy)	Soil Loss After (t/acy)	Other Soil Loss (t/y)	Area Treated (acres)	Sediment Loading (t/y)	N Loading (lb./y)	P Loading (lb./y)	Other Loading (units/y)
10	091-1-06-01	Lucas Farms	1400 ft.	12/15/04	WSPF	\$0.00	9/14/05	937 ft.	\$3,483.70	\$3,483.70	\$1,161.23	10	6		5				
11	091-1-06-01	Lucas Farms	1.0 ac.	12/15/04	WSPF	\$0.00	9/14/05	0.28	\$403.52	\$403.52	\$134.51	12	7		2				
10	091-1-06-02	Bill Evans	4200 ft.	12/15/04	WSPF	\$0.00	6/20/05	1950 ft.	\$7,722.75	\$7,722.75	\$2,751.80	12	5		15				
10	091-1-06-03	Jay Chandler	700 ft.	12/15/04	WSPF	\$0.00	11/21/05	600 ft.	\$2,210.50	\$2,210.50	\$736.83	20	3		10				
11	091-1-06-04	Steenhoek (cancelled)	0.2 ac.	12/15/04	WSPF	\$0.00													
10	091-1-06-05	Stafford	3000 ft.	12/15/04	WSPF	\$0.00	6/20/05	3275 ft.	\$10,000.58	\$10,000.58	\$3,333.52	9	5		15				
12	091-1-06-06	Edwin Allen	1	12/15/04	WSPF	\$0.00	6/20/05	1	\$5,970.04	\$5,970.04	\$1,990.01	12.8	1		10.4				
10	091-1-06-07	Clifford Pim	600 ft.	02/21/05	WSPF	\$0.00	7/21/05	775 ft.	\$1,881.49	\$1,881.49	\$627.16	11	7		20				
10	091-1-06-08	Kenneth McCormick	1400 ft.	05/17/05	WSPF	\$0.00	12/19/05	900 ft.	\$3,881.63	\$3,881.63	\$1,293.97	10.2	7		4.5				
12	091-1-06-09	Kevin Dorland (cancelled)	1		WSPF	\$0.00													
12	091-1-06-10	Kenneth Marker	1	02/09/08	WSPF	\$0.00	1/18/06	1	\$6,000.00	\$6,000.00	\$2,596.65	12	1		3				
10	091-1-06-11	Melvin Wallace	4800 ft.	07/28/05	WSPF	\$0.00	12/9/05	5900 ft.	\$17,475.96	\$17,475.96	\$5,825.32	10	2		60				
11	091-1-06-11	Melvin Wallace	1.2 ac.	07/28/05	WSPF	\$0.00	12/9/05	0.5 ac.	\$660.00	\$660.00	\$220.00	19	1		1				
12	091-1-06-12	David Smith	1	07/18/05	WSPF	\$0.00	9/19/05	1	\$5,717.21	\$5,717.21	\$1,905.74	106	2		2				
12	091-1-06-13	Norbert Schaefer	1	07/18/05	WSPF	\$0.00	2/17/06	1	\$6,000.00	\$6,000.00		10	4		2				
12	091-1-06-14	William Welch	1	07/18/05	WSPF	\$0.00	10/17/05	1	\$1,590.00	\$1,590.00	\$2,820.00	29	2		1				
	#19 VOL (03-04)	William Welch	410=1	07/19/04	IFIP	\$0.00	10/17/05	1	\$4,675.00	\$4,675.00									
12	091-1-06-15	Robert Goode	3	08/09/05	WSPF	\$0.00	11/6/05	3	\$17,492.63	\$17,492.63	\$10,156.72	1	1		52.1	126			
10	091-1-06-16	Dan Dittmer	2600 ft.	08/09/05	WSPF	\$0.00	12/13/05	2400 ft.	\$5,647.50	\$5,647.50	\$4,067.77	10	6		10.3				
12	091-1-06-17	Charles Chester	1	08/15/05	WSPF	\$0.00	10/17/05	1	\$6,000.00	\$6,000.00	\$3,990.69	29.75	1		2				
12	091-1-06-18	Ken & Jim McCormick	1	08/15/05	WSPF	\$5,088.19													
11	091-1-06-19	Roger Grimm	0.87 ac.		WSPF	\$3,063.75													
10	091-1-06-20	Shivers Fair Acres	1900 ft.	08/25/05	WSPF	\$0.00	4/27/06	1500 ft.	\$8,412.40	\$8,412.40	\$2,804.14	9	1		20				
11	091-1-06-20	Shivers Fair Acres	1.8 ac.	08/25/05	WSPF	\$0.00	4/27/06	1.3 ac.	\$2,038.64	\$2,038.64	\$679.54	50	5		2				
12	091-1-06-21	Bob McDonald	1	10/17/05	WSPF	\$0.00	11/21/05	1	\$5,544.99	\$5,544.99	\$1,851.66	25.5	1		2				
14	091-1-06-22	Bob McDonald	1	10/17/05	WSPF	\$0.00	11/21/05	1	\$705.28	\$705.28		9	1		2				
13	091-1-06-23	Steve Becker	6	01/09/05	319	\$0.00	2/23/06	6	\$7,730.39	\$7,730.39	\$2,576.79	10	2		15				
13	091-1-06-24	Jim Colwell	4	01/09/05	319	\$0.00	2/23/06	6	\$4,220.89	\$4,220.89	\$1,406.98	10	3		14				
10	091-1-06-25	Roger & Rodney Jordan	2550 ft.	03/07/06	WSPF	\$0.00	4/27/06	1100 ft.	\$7,042.05	\$7,042.05	\$3,757.61	9	3		15				
11	091-1-06-25	Roger & Rodney Jordan	0.8 ac.	03/07/06	WSPF	\$0.00	4/27/06	0.9 ac.	\$1,128.75	\$1,128.75	\$376.25	60	1		1				
13	091-1-06-26	Roger & Rodney Jordan	3	03/07/06	319	\$0.00	4/27/06	1	\$2,225.21	\$2,225.21	\$741.73	60	1		15				
10	091-1-06-27	Rodney Johnson	725 ft.	03/07/06	WSPF	\$0.00	5/25/06	1700 ft.	\$2,181.85	\$2,181.85	\$2,181.85	9	2		6				
10	091-1-06-28	Rodney Johnson (cancelled)			WSPF	\$0.00													
10	091-1-06-29	Kyle Phillips	2550 ft.	03/07/06	WSPF	\$0.00	5/25/06	2550 ft.	\$7,071.71	\$7,071.71	\$2,339.24	10	5		10				
13	091-1-06-30	Harry Dop	5	03/23/06	319	\$0.00	5/25/06	5	\$6,001.69	\$6,001.69	\$2,000.56	18	2		7				
11	091-1-06-31	Harry Dop	0.5 ac	03/23/06	WSPF	\$0.00	5/25/06	0.5 ac.	\$610.13	\$610.13	\$203.37	21	1		1				
13	091-1-06-32	Kevin Dorland (cancelled)	3		319	\$0.00													
15	091-1-06-33	Robert Goode	256.5 ac.	04/11/06	319	\$0.00	5/9/06	256.5	\$5,771.25	\$5,771.25	\$3,510.21	9	5		256.5				
13	091-1-06-34	Kyle Phillips	4	04/28/06	319	\$0.00	5/25/06	4	\$4,408.91	\$4,408.91	\$1,469.64	10	5		6				

Whitebreast Creek Watershed Application Evaluation Worksheet

Name: _____ County: _____
Practice: _____ Farm #: _____ Tract: _____

Points: _____

A. Critical Area Consideration:

1. Will the practice(s) treat all of the critical area? _____

Critical area (land eroding at 9 tons/acre/year or more shown in red or from current RUSLE2 calculations) within the priority subwatersheds.

Ex. 100% treatment = 100 points. (100 points maximum, less than 50 points ineligible)

B. Cropland or Pastureland Rating System (Rank for cropland or pastureland, not both)

List all practices but only award points to primary practice. Circle point amount.

1. Cropland	Estimated Practice Amount	
a. Grade Stabilization Structure	_____	10
b. Contoured Narrowbase Terrace	_____	7
c. Contoured Grassback Terrace	_____	6
d. Contoured Modified Narrowbase Terrace	_____	4
e. Contoured Broadbase Terrace	_____	3
f. Water and Sediment Control Basin	_____	2
g. Grassed Waterway	_____	1

2. Pastureland	Estimated Practice Amount	
a. Grade Stabilization Structure	_____	10
b. Water and Sediment Control Basin	_____	7
c. Grassed Waterway	_____	6

Total Points (A & B)*: _____

Tie Breaker:

Sediment Delivery Reduction

(Greatest reduction ranks first)

_____ tons/year

Rank: _____

Total Estimated Cost: \$ _____

Date: _____

Technician: _____

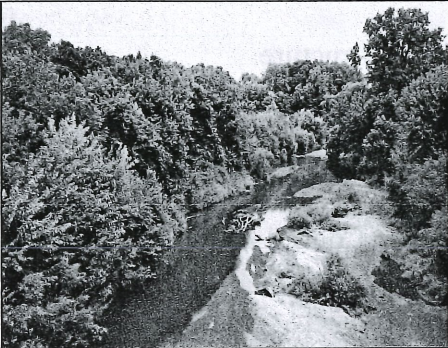
***No points given to land conversion from pastureland to cropland.**

Cost-share rates on practices are 50%

Whitebreast Creek Snapshot Day

**Join us for the 9th Whitebreast Creek
Fall Snapshot Day on Saturday September 30th!**

**Volunteer to help with water quality sampling in the Whitebreast Creek
Watershed.**

<u>Snapshot Day:</u> Saturday, September 30 th 8 a.m. – Noon Local meeting points in Knoxville, Lacona or Woodburn		<u>Snapshot Training:</u> Training will be scheduled upon request. Please call if training is required
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The data gathered will give us a “snapshot” of the current conditions in the watershed. Over 70 sites in Clarke, Lucas, Marion, and Warren counties will be sampled. Tests include phosphate, nitrate, nitrite, chloride, bacteria, and sediment levels.

Sponsored By:

IOWATER



Whitebreast Creek
Watershed Association

 **NRCS** Natural Resources
Conservation Service

For More Information or to Volunteer
Anne Hildebrand, Whitebreast Coordinator
(515)961-5264
anne.hildebrand@ia.nacdnet.net
or
Your Local SWCD/NRCS Office

Please Register for the Snapshot and/or Training by September 15th!!!!

INTRODUCTION TO SOIL SURVEY – LEVEL 1

Participants will learn how to utilize Soil Survey information for making effective landuse and management decisions. Emphasis will be on how to use a Soil Survey, contents and formats of a published report, digital soil data and how the information is developed and obtained. Field exercises will provide the participants with hands on experience in observing and describing soil properties and data collection methods for soil survey updates. Also an introduction to soil formation (genesis), air photo interpretation and remote sensing will be given.

AGENDA INTRODUCTION TO SOIL SURVEY – LEVEL 1 INDIANOLA, IOWA AUGUST 22-24, 2006

Tuesday August 22

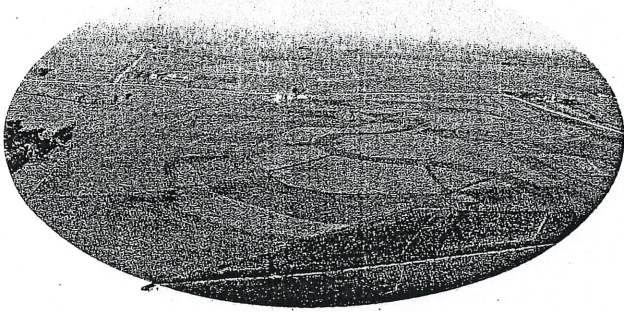
1:00 – 1:15	Welcome to Indianola	Ceolla, Morrell
1:15 – 2:00	Introductions, Course Objectives, Schedule and Pretest	Ceolla
2:00 – 2:30	Soil Survey – Mission, Goals & Objectives	Bednarek
2:30 – 2:45	Break	
2:45 – 3:15	Definitions	Ceolla
3:15 – 3:45	Using a Soil Survey Report - Contents	Ceolla
3:45 – 4:30	Soil Genesis in Iowa <u>CLOBPT</u>	LaVan
4:30 – 5:00	Soil Morphology	LaVan

Wednesday August 23

7:30 – 8:15	Making a Soil Survey Report / Soil Survey Update Process	Ceolla/LaVan
8:15 – 8:45	Air Photo Interpretation/Remote Sensing for Soil Survey <u>soils.usda.gov - education</u>	Bednarek
8:45 – 9:00	Textural Classification System <u>OSDs</u>	Bednarek
9:00 – 10:00	Using a Soil Survey Report / Exercise	Ceolla
10:00 – 10:15	Break – Leave for Field Exercise	
10:30 – 12:00	Field Exercise (Soil Quality Test Kit Demonstration & Soil Texture Exercise)	Ceolla, LaVan, Bednarek,
12:00 – 1:00	LUNCH	
1:00 – 4:30	Field Exercise (Soil Profile Descriptions)	Ceolla, LaVan, Bednarek,

**Thursday
August 24**

7:30 – 8:15	EFOTG Section II – Soil Interpretations & Soil Data Mart	LaVan
8:15 – 9:00	Soil Interpretation Exercise	Bednarek
9:00 – 9:30	Accessing & Understanding Digital Soils Information/Soil Data Mart	Ceolla
9:30-9:45	BREAK	
9:45 – 10:30	SoilView	Bednarek
10:30 – 11:00	Question & Answer Session & Level II Agenda	Instructors
11:00 – 12:00	Post test, Course Evaluation, Closing	Ceolla



**Jasper County Soil and Water Conservation District
709 1st Ave W
Newton, Iowa 50208**

(641)792-4116 • FAX (641)792-8252

"With The Right To Use Goes The Duty To Conserve"

Reminder

To: CDI Region 6 Commissioners, Guest, and Employees:

RE: Fall Regional, Monday, August 28

**Where: Country Kitchen Restaurant,
1400 W. 18TH St S at Hwy 14 and I-80,
Newton, IA 50208**

The Jasper County SWCD would like to invite you to attend the CDI Fall Regional Meeting. Jasper SWCD is proud of their "Jasper Prairie Farm" and would like to take you on a guided tour of the Farm. The new Iowa Speedway is nearing completion and will also be available for touring. Please meet at the Country Kitchen Restaurant at 4:50 p.m. if you would like to attend one of these tours. We will be leaving promptly at 5 p.m. You will need to RSVP by August 22, 2006.

Time: Tour:	5:00 PM
Registration:	6:15 PM
Buffet Meal:	6:30 PM
Business meeting	7:15 PM following meal

Cost: \$11.00 per person with advance payment, names of all attending the meeting and names of people that are interested in attending the Prairie Farm tour or Iowa Raceway tour is required by Tuesday, August 22 to:

**Jasper SWCD
709 1st Ave. W.
Newton, IA 50208**

Agenda also attached.

Thank you,

Carolyn Van Waardhuizen

Carolyn Van Waardhuizen

State Secretary

carolyn.vanwaardhuizen@ia.nacdnet.net

Jasper County Soil and Water Conservation District Commissioners:

Jim Johnston Mike Brown Dennis Clapper David Crow Gene Kaldenberg

Judy

WHITEBREAST CREEK WATERSHED PROJECT MONTHLY REPORT FOR MAY 2006

Project Name: Whitebreast Creek Watershed Project

Project Number: 091-1.06

Reporting Period: May 1, 2006 – May 31, 2006

Soil and Water Conservation District: Warren, Clarke, Lucas, and Marion

Date Report Prepared: June 13, 2006

Reporting Individual: Anne Hildebrand

Signature of Reporting Individual: Anne Hildebrand

Signature of Warren Co. SWCD Commissioner: Ralph J. Mendenhall

Whitebreast Creek Watershed Project Monthly Report for May 2006
Anne Hildebrand, Project Coordinator

- I. Planning; Work Activities; Major Accomplishments; Public Information; BMPs Initiated or completed, Status of activities scheduled for completion; Scheduled Activity Progress:

Activities:

Project Coordinator

- Completed the April monthly report and updated the Project Administration Spreadsheet.
- Completed and turned in the Whitebreast Creek Watershed Project's FY2007 WPF/WSPF/EPA-319 supplemental funding request.
- Spoke with Alan Lauver (Iowa NRCS Economist) about the best way to figure a cost-benefit analysis for practices completed by the Whitebreast Project.
- Attended a conference call between Nick Morrell (Warren Co. DC), Jay Jung (Marion Co. DC), Jeff Matthias (Lucas Co. DC), and Dennis Schrodt (Clarke Co. DC) to reallocate unspent Whitebreast EQIP dollars. It was decided that Marion County and Lucas County would divide the unspent funds between the two counties.
- Attended the Urban Stewards Alliance meeting at the Ankeny Service Center. The first presented was Mike Hawkins of the Iowa DNR's Fisheries Bureau in Storm Lake. Mike talking about using LiDAR as a watershed assessment and planning tool. Then Kate Bussanmas and Adamn Kiel of the Iowa DNR GIS staff demonstrated the use of tablet computers and PDAs to complete GIS assessments of watersheds.
- Prepared for and attended a meeting at the Red Rock Corps of Engineers Office. Those in attendance were: John Holt (U.S. Army Corps), Sherri Duey (U.S. Army Corps), Jay Jung (Marion Co. DC), and Will Prather (Red Rock Lake Assn.). At the meeting I presented information about the Whitebreast Creek Watershed Project's funding sources, funding history, HEL acres within the watershed, and a cost-benefit analysis for grade stabilization structures and terraces.
- Presented at the Warren County Field Day at the Annette Nature Center. Vince Sitzmann and I taught the students about watersheds, water quality, the water cycle, urban pollution sources, storm sewer drainage, and macro invertebrates. There were 100 4th grade students at the field day.
- Attended the Warren, Clarke, Lucas and Marion SWCD meetings where information about project activities and the project's future were presented.

- Conducted site checks for the 8th Whitebreast Creek Watershed Snapshot day. The sites to be sampled, group numbers and names were sent to Katie Foreman (IOWATER Snapshot Coordinator).
- Submitted the year end WSPF fund obligation spreadsheet to Mike Franklin at DSC.
- Assisted the Indianola NRCS office by answering phone calls and helping out at the counter.

WHITEBREAST CREEK WATERSHED PROJECT MONTHLY REPORT FOR APRIL 2006

Project Name: Whitebreast Creek Watershed Project

Project Number: 091-1.06

Reporting Period: April 1, 2006 – April 30, 2006

Soil and Water Conservation District: Warren, Clarke, Lucas, and Marion

Date Report Prepared: May 9, 2006

Reporting Individual: Anne Hildebrand

Signature of Reporting Individual: Anne Hildebrand

Signature of Warren Co. SWCD Commissioner: Jason R. DeLong

Whitebreast Creek Watershed Project Monthly Report for April 2006
Anne Hildebrand, Project Coordinator

- I. Planning; Work Activities; Major Accomplishments; Public Information; BMPs Initiated or completed, Status of activities scheduled for completion; Scheduled Activity Progress:

Activities:

Project Coordinator

- Completed the March monthly report, the January though March quarterly report, and updated ledgers.
- Completed a survey from the Iowa State University Extension Sociology Department for the Heartland Watershed (lower Coal Creek – South River). Nick Morrell (Warren Co. NRCS DC) gave them my name.
- Drove to Marion County to get the latest Whitebreast Creek cost-share files.
- Drove out to Clifford Rater's farm in Clarke County with Lori Schwalbe (Clarke Co. NRCS SCT) to find out if Clifford was interested in completing a project with the Whitebreast Special EQIP funding. Clifford was interested in a grade stabilization structure to control two classic gullies and provide water for his cattle.
- For several days calls were made to landowners located within the priority subwatersheds in Clarke County to inform them of the available Whitebreast EQIP Special Project funding and what practices could be funded. Many landowners were interested but not for this fiscal year. Due to the phone calls, three field visits were scheduled. Chuck Abel (Warren Co. ST) assisted with the field visits. None of the landowners who were visited were interested in signing up for funding.
- Worked on the EPA-319/WSPF/WPF supplemental funding request for FY2007.
- Attended the sediment delivery calculator training at the Osceola NRCS field office on April 21st. Other topics that were covered were the updated project administration spreadsheet and the demonstrations of the tablet computer and RASCAL GPS unit used for watershed assessments. (agenda attached)
- Attended the NRCS Compliance Training at 3 Mile Lodge north of Afton. (agenda attached)
- Began researching about different activities for 4th grade students at the Warren County Field Day on the topic of water quality.



IOWA DEPARTMENT OF AGRICULTURE AND LAND STEWARDSHIP

PATTY JUDGE
SECRETARY OF AGRICULTURE

April 14, 2006

To: Project Coordinators

From: Jim Gillespie, Field Services Bureau Chief, IDALS-DSC
Ubbo Agena, Nonpoint Source Program Coordinator, DNR

Handwritten signatures of Jim Gillespie and Ubbo Agena in black ink.

Re: Sediment Delivery Calculator Training (April 17th - 21st)

The purpose of this memo is to remind those Coordinators planning to attend any of the training sessions to bring 2-4 example BMPs that were recently applied within their project area, since the bulk of the training will involve entering these examples into the various calculators. Much of the data needed can be found on the various cost share forms and materials generated during the design process. You can also review the help guidance that was distributed to assist you in determining the appropriate materials to bring with you. (maps, drainage areas, etc.). Also included is an agenda, as well as the addresses of the various training session locations.

9:00 – 9:05 Welcome & Introduction

9:05 – 9:45 Project Administration Spreadsheet Update

9:45 – 10:45 Sediment Delivery Calculator Overview

- Program Overview
- Review Individual Calculators (terrace, streambank, management practices, sediment control structure, waterway, buffer)

10:45 – noon Sediment Delivery Calculator- Work time

- Opportunity to complete calculations on individual BMP examples brought in by Project Coordinators

Noon – 1:00 Lunch on your own

1:00 – 2:30 Sediment Delivery Calculator- Work time

- Explore alternative uses of the various calculators
- Opportunity to complete additional calculations on individual BMP examples brought in by Project Coordinators

2:30 – 3:00 RASCAL & Tablet Computer Demos (for those interested)

- RASCAL PowerPoint
- Computer Tablet Demonstration

Henry A. Wallace Building • Des Moines, Iowa 50319 • 515-281-5321

The Iowa Department of Agriculture and Land Stewardship is an equal opportunity employer and provider

HEL Compliance Issues

1) Sodbuster –

- a. Native Vegetation Issue
 - i. 7 CFR Part 12
 - ii. Section III Iowa Tech guide revised in 1997
 - iii. Section III Iowa Tech guide Jan 2006 Revision
 - iv. Agronomy Tech Note No. 29 – Dominant Critical Map Unit

2) HEL Map Unit Selection

- a. Use the Predominant HEL Map Unit (P HEL MU) – this is map unit not slope group!
This is the map HEL map unit with the greatest acres in the field or highest percentage of the field.
This has Nothing to do with Dominant Critical map unit!

3) Determining the acceptable level of erosion - base on Predominant HEL Map Unit

- i. For true sodbuster fields – plan to ‘T’ for P HEL MU
- ii. For non-sodbuster fields not included in an approved plan prior to 7/3/1996 – plan to 75% of PE or 2‘T’ for the P HEL MU
- iii. For non-sodbuster fields included in an approved plan prior to 7/3/1996 – plan to ACS for the P HEL MU

Status Review Procedures

1) Decisions on Ephemeral Erosion

- a. What is Ephemeral Erosion
- b. What constitutes compliance -
 - i. Use of waterways
 - ii. Use of other methods
- c. What constitutes non-compliance – day of status review conditions.

2) Decision on Approved Conservation System

Compare to approved conservation plan in the case file.

- a. Following the Approved Conservation Plan in folder – yes (AU)
- b. Following the Approved Conservation Plan in folder – no compare to ACS

Compare to minimum ACS erosion level using RUSLE2 for predominant HEL map unit for that field.

- c. Meets minimum ACS erosion level for HEL map unit – yes (AU)
- d. Meets minimum ACS erosion level for HEL map unit – no (NA)

Discussion of Dominant Critical Map Unit:

Clarke

WHITEBREAST CREEK WATERSHED PROJECT MONTHLY REPORT FOR JULY 2006

Project Name: Whitebreast Creek Watershed Project

Project Number: 091-1.07

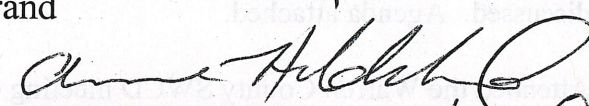
Reporting Period: July 1, 2006 – July 31, 2006

Soil and Water Conservation District: Warren, Clarke, Lucas, and Marion

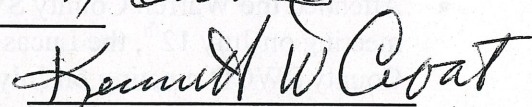
Date Report Prepared: August 8, 2006

Reporting Individual: Anne Hildebrand

Signature of Reporting Individual:



Signature of Warren Co. SWCD Commissioner:



Whitebreast Creek Watershed Project Monthly Report for July 2006
Anne Hildebrand, Project Coordinator

- I. Planning; Work Activities; Major Accomplishments; Public Information; BMPs Initiated or completed, Status of activities scheduled for completion; Scheduled Activity Progress:

Activities:

Project Coordinator

- Completed the June monthly report, the quarterly report for April through June, and updated the Project Administration Spreadsheet.
- Prepared for and presented the history of the Whitebreast Creek Watershed Project at the Whitebreast meeting held at Lake Red Rock. The other presenters were Steve Edwards (Marion County Conservation Board) and John Holt (Red Rock Corps of Engineers). Issues regarding project focus, a new assessment, and the future of the project were discussed. Agenda attached.
- Attended the Warren County SWCD meeting on July 11th, the Clarke County SWCD meeting on July 12th, the Lucas County SWCD meeting on July 17th, and the Marion County SWCD meeting on July 27th. The request from Jeff Zimprich (Area 4 AC) at the Whitebreast meeting held at Lake Red Rock to find out if the counties viewed the Whitebreast Project as a priority in their counties was conveyed at the SWCD meetings. All the SWCDs agreed that the Whitebreast Project was a priority and they agreed to write letters of their support for the Project to Jeff Zimprich.
- Met with Aaron Pickens (Rathbun Project Coordinator) at the Chariton NRCS office to receive training on how to calculate RUSLE. Aaron demonstrated how he used NRCS Toolkit as well as the RUSLE tables from the NRCS Field Office Technical Guide to calculate RUSLE.
- Went out with Chuck Abel (Warren Co. State Tech) to GPS Bob Goode's structures and waterways, which were completed with FY06 WSPF funding, with the Garmin and GPS pack. The GPS points were then uploaded into ArcMap.
- Prepared handout materials and a display for the Warren County Fair about the Whitebreast Creek Watershed Project.
- Assisted the Indianola NRCS office by answering phone calls and helping out at the counter.
- Met with Kate Bussanmas (DNR GIS) in Indianola to go through the assessment data left from when Nick Walters worked for the Project. Kate wanted to have some definitive data to report back to Ubbo regarding Whitebreast's progress with the previous

assessment. Kate and I also discussed the information I would need to have ready for the DNR in order for them to complete their sediment delivery reduction calculations. Kate said that she would get back to me after she spoke with Ubbo.

- Drove to the Osceola NRCS office to go through current cost-share applications to see if there were landowners who would be eligible for FY07 Whitebreast cost-share. I also sat down with Judy Weinkoetz and Lori Schwalbe to discuss where the current Whitebreast priority areas were, and that I would not be able to allocate new Whitebreast FY07 cost-share until I had met with all the DCs.
- Worked on RUSLE calculations and the digitization of FY06 projects into ArcMap.

You're invited to join us in conserving Lake Red Rock, "Whitebreast Watershed Project."

Where: Whitebreast Recreation Area

When: July 11th, @ 10:00am

Cost: \$6.00 for meal, grilled by Marion County Cattlemen's Association

Agenda

10:00-11:00 Whitebreast Watershed Coordinator Anne Hildebrand
"Whitebreast Overview, Where we have been and where we are going."

11:00 – 11:10 Break

11:10 – 12:00 Lake Red Rock Manager John Holt/Sheri Dewey
"Pressing issues from the Corps perspective"

12:00 – 1:00 Lunch/Social
Grilled by Marion County Cattlemen's Association

1:00 – 1:30 Lake Red Rock Manager Sheri Dewey/CCB Steve Edwards
"Cordova Project Overview"

1:30 – 3:00 Roundtable Discussion, Brainstorming, Goal Setting

3:00 – 3:30 Closing

***3:30 - ?** Boat Ride around Lake Red Rock/ (Will Prather Tour Guide)

Please RSVP by July 7th so we can make arrangements for lunch. Please also indicate if you would be interested in a pontoon ride around the lake.

* Depends on the interest of this event.

[illegible]

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TOTALS	\$0.00	\$2,496.30	\$2,496.30	\$832.10	3	0	0	0	0
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WHITEBREAST CREEK WATERSHED PROJECT MONTHLY REPORT FOR MARCH 2006

Project Name: Whitebreast Creek Watershed Project

Project Number: 091-1.06

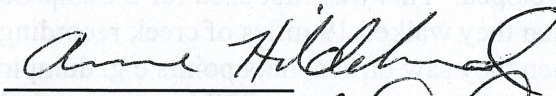
Reporting Period: March 1, 2006 – March 31, 2006

Soil and Water Conservation District: Warren, Clarke, Lucas, and Marion

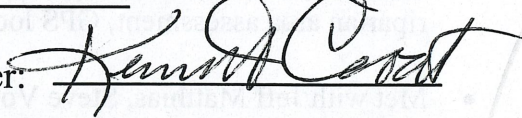
Date Report Prepared: April 11, 2006

Reporting Individual: Anne Hildebrand

Signature of Reporting Individual:



Signature of Warren Co. SWCD Commissioner:



Whitebreast Creek Watershed Project Monthly Report for March 2006

Anne Hildebrand, Project Coordinator

- I. Planning; Work Activities; Major Accomplishments; Public Information; BMPs Initiated or completed, Status of activities scheduled for completion; Scheduled Activity Progress:

Activities:

Project Coordinator

- Completed the February monthly report and updated ledgers.
- Attended the Urban Stewards Alliance Meeting in Ankeny on March 1, 2006. Susan Heathcote, Research Director of the Iowa Environmental Council, and Deb Ryun, Executive Director of Conservation Districts of Iowa, discussed the WIRB project selection process and answered questions. Also, Jeff Phillips of Barker Lemar Engineering Consultants presented a watershed assessment software/hardware tool they developed. This was first used for a Camp Creek watershed assessment last October when they walked 19 miles of creek recording information every 100 feet as well as when they saw critical data points e.g. dumping. The data included a stream bank and riparian area assessment, GPS location, and photographs.
- Met with Jeff Matthias, Steve Voltmer, and Diane Lowery on March 3, 2006 in Chariton to go over what information Jeff needed to bring to the DC meeting on the 13th and the future direction of the Whitebreast Creek Watershed Project.
- Met with Dennis Schrodtt and Lori Schwalbe on March 10, 2006 in Osceola to go over what Clarke County needed to bring to the DC meeting in Indianola the following Monday.
- Attended the Ag & Environment Conference at the Scheman Building in Ames on March 7, 2006. The morning sessions dealt with the subject of how tillage and land use changes affect nutrient loss. The morning concurrent sessions that were attended dealt with management strategies to improve water quality and the status of CRP and options. The afternoon plenary session dealt with the subject of conservation systems. The afternoon concurrent sessions that were attended dealt with grazing management, conservation adaptation history in two CEAP watersheds, and the use of plants for field-scale conservation.
- Attended the Water Quality and Watershed Project Coordinator's Meeting in Ames on March 8, 2006. The meeting dealt with many subjects such as the administrative spreadsheet, the sediment delivery calculator, and the revised plan of operations.

- Attended the Warren and Marion County SWCD meetings where a report of project activities such as the Whitebreast EQIP Special Project funding was given.
- Conducted a DC meeting in Indianola on March 13, 2006 to discuss the Whitebreast EQIP Special Project funding. Attendees were: Cathie Graves, Anne Hildebrand, Vince Sitzmann, Jeff Matthias, Nick Morrell, Dennis Schrodt, Mike Lewitke, Steve Voltmer, Jack Bensink, and Jeff Zimprich (via phone). Each DC brought a list of EQIP applications in the priority subwatersheds and the division of funds between the counties was discussed. It was decided that landowners would be offered the 50% cost-share from EQIP with no piggyback from WSPF. (agenda attached)
- Continued to work on the Whitebreast Creek Watershed Comprehensive Interim Report and update GIS layers.
- Assisted the Indianola NRCS office by answering phone calls and helping out at the counter.
- Attended the stakeholder meeting for the Atrazine watershed mitigation program for Chariton CWS Lakes Ellis and Morris watersheds held by Syngenta Crop Protection, Inc on March 20, 2006. The water monitoring results from Lake Morris and Ellis have continued to show that atrazine levels have been below the 3.0 ppb (National Drinking Water Standard). Syngenta is working to take Lake Morris off of the EPA 303(d) Impaired Waters List.
- Met with John Holt (U.S. Army Corps), Sherry Duey ((U.S. Army Corps), and Will Prather (Red Rock Lake Association) at the Lake Red Rock Army Corps of Engineers office. The Corps is working on a study of the benefit of Lake Red Rock to Iowa. Will requested simplified numbers to be given to the public and what sources funded the Whitebreast Project Coordinator. John Holt requested the cost per ton of soil erosion reduction in the Whitebreast Creek Watershed. Concerns about accuracy of results were expressed and more discussions will be conducted at the next meeting scheduled for May 4, 2006.
- Met with Vince Sitzmann to discuss the Whitebreast Project Application for FY2007. The project assessments for sediment delivery and gulley erosion were discussed with Adam Kiel and Chris Ensminger from DNR.
- Met with Don Pochter to discuss what practices he would be interested in installing with the Whitebreast EQIP funding.
- Received \$16,303.80 in supplemental funding that was requested from the Division of Soil Conservation to install terraces in Marion County. (letter attached)
- Spent a day in Osceola finding landowners in the priority subwatersheds to see if they would be interested in having an EQIP contract.

FFY2005 Allocation Watershed Protection Fund Expenditures Report Through:					March 31, 2006	
Project:	Whitebreast Creek Watershed Project					
DSC No.	091-1.06					
SWCD:	Warren, Clarke, Lucas, Marion					
Reporting Period:	03/01/06-03/31/06					
5h Yr. Accounting for District's SFY2005 WSPF Initial Ledger Balance for <u>All</u> Line Items - Through:						March 31, 2006
					June 30, 2006	Balance
		6th Yr.	6th Yr.	6h Yr.	6th Yr.	After 6th Year
Line Item	SFY05 Alloc.	Obligated	Expended	Bal. or Unoblig.	Recall	Recall
Practices	158,809.80			158,809.80		0.00
Total	158,809.80	0.00	0.00	158,809.80	0.00	0.00
				0.00		
5th Year Accounting for District's SFY2005 WSPF Initial Ledger Balance for Practices - Through:						March 31, 2006
					June 30, 2006	Carryover of
		6th Yr.	6thYr.	6th Yr.	6th Yr.	SFY06 \$
Practice	2006 Alloc.	Obligated	Expended	Unobligated	Recall	into SFY2007
Grassed Waterways	8,400.00	5,904.68	660.00	1,835.32		
Terraces	90,556.46	31,588.80	46,375.27	12,592.39		0.00
Grade Stabilization Structures	59,148.06	5,088.19	54,059.87	0.00		
Water & Sediment Cntrl Basins	705.28	0.00	705.28	0.00		
					0.00	
Total	158,809.80	42,581.67	101,800.42	14,427.71	0.00	0.00
				14,427.71		

SFY2005 Allocation Water Protection Fund Expenditures Report Through:					March 31, 2006	
Project:	Whitebreast Creek Watershed Project					
DSC No.	091-1.06					
SWCD:	Warren, Clarke, Lucas, Marion					
Reporting Period:	03/01/06 - 03/31/06					
SFY2005 WPF Initial Ledger Balance for All Line Items - Through:					March 31, 2006	
					June 30, 2006	Balance
		6th Yr.	6th Yr.	6th Yr.	6th Yr.	After 6th Year
Line Item	SFY06 Alloc.	Obligated	Expended	Bal. or Unoblig.	Recall	Recall
GIS Specialist	16,743.00	1,860.33	5,581.00	9,301.67		0.00
Travel/Training	3,000.00	0.00	133.94	2,866.06		
Total	19,743.00	1,860.33	5,714.94	12,167.73	0.00	0.00
				12,167.73		

[illegible]

Whitebreast Creek Watershed Planning Meeting Agenda

March 13, 2006 12:30 p.m.

Attendees:

Cathie Graves
Vince Sitzmann
Anne Hildebrand

Nick Morrell
Dennis Schrodtt
Mike Lewitke

Jeff Matthias
Steve Voltmer

Jack Bensink
Jeff Zimprich (via phone)

1. Whitebreast EQIP Special Project Funding (\$475,000)

- a. Applications in Whitebreast Priority Subwatersheds from each county.
- b. Questions from Jeff Zimprich
 - i. What are we going to be doing?
 - ii. Where are we spending the money?
 - iii. What are the number of applications?
 - iv. How are we going to divide the money between the four counties?
- c. Discussion on the amount of cost-share needing to be spend in the critical areas.

2. Future of the Whitebreast Creek Watershed Project

2006 Agriculture and the Environment Conference

Research and educational program results that address Iowa's water resources

March 7, 2006

**Scheman Building
Iowa State University
Ames, Iowa**

Conference Program

8:00 AM Registration desk opens, poster setup, and refreshments

Morning Plenary Session *Benton Auditorium*

Moderator: Gerald Miller, College of Agriculture, Iowa State University

8:55 Welcome and opening remarks

9:05 **Potential and limitations of tillage and nitrogen management to reduce nitrogen leaching losses from row-cropped land**

• *Gyles Randall – University of Minnesota*

Nitrate losses from row-cropped agricultural land can be substantial and can have a profound effect on ground and surface water quality. This presentation will outline nitrogen and tillage management practices available to farmers that can influence the degree of nitrate loss. The potential for these farmer-controlled practices to reduce nitrate losses as well as the practical limitations for success will be discussed.

9:35 **Potential and limitations of tillage, manure and fertilizer management to reduce phosphorus losses in surface runoff from row-cropped land**

• *Larry Bundy – University of Wisconsin*

Management practices such as tillage and fertilizer and manure applications can have important effects on phosphorus losses in runoff from cropland. This presentation will discuss the relationships between management practices and phosphorus losses and describe available tools for assessing the risk of these phosphorus losses in crop production.

10:05 **Critical and inter-connected roles of altered hydrology and land use/management in water quality, crop production and soil sustainability**

• *James Baker – Iowa State University*

Current nutrient impairments of waters in the Corn Belt are not mainly due to mismanagement of fertilizers and manures, they are due in large part to landscape and land-use changes which involve subsurface drainage, and annual crops which require nutrient inputs. In this presentation, the roles of hydrology and nutrient properties in determining nutrient losses will be discussed in conjunction with management practices that impact not only water quality, but also potentially crop yields and soil quality/organic matter.

10:35 Break and poster viewing

Concurrent Sessions

11:00 **Benton Auditorium**

Demonstration of In-Season Nitrogen Management Strategies for Corn Production - *John Sawyer, John Lundvall, Jennifer Hawkins – Iowa State University.*

This presentation will share results of ongoing field demonstrations hosted by Iowa producers. The demonstrations compare traditional single preplant or early sidedress N application rates to pre/in-season split application, with decisions for in-season N application based on results of plant N stress sensing through use of hand held chlorophyll meters. Corn yield response is used to compare effectiveness of each N management strategy.

This conference is sponsored by Iowa State University College of Agriculture, Iowa State University Extension, Iowa Department of Agriculture and Land Stewardship-Division of Soil Conservation, and the USDA Natural Resources Conservation Service.

IOWA STATE UNIVERSITY

University Extension

Agribusiness Education Program

167-171 Scheman

CSP: The Iowa Experience

Jim Gillespie and Tom O'Connor – USDA/NRCS.

A panel discussion on the current status and experiences of participants in the Conservation Security Program from the perspective of state level coordinator Tom O'Connor, Area Program Specialist Kristy York, and an enrolled ag producer Kurt Johnson.

175-179 Scheman

Demonstration of performance-based management strategies to improve water quality - Chad Ingels – Iowa State University

The development and demonstration of performance-based incentives to encourage watershed project participation in three northeast Iowa watersheds will be discussed. Three primary performance measures will be explained and early watershed results will be presented.

11:35

Benton Auditorium

Agronomic and Environmentally Sound Utilization of Nutrients in Poultry Manure - Antonio Mallarino – Iowa State University

167-171 Scheman

CSP: The Iowa Experience (continuation of 11:00 AM presentation)

175-179 Scheman

The status of CRP and the options available - Brian Peterson – State Grassland Specialist, USDA/NRCS, and Mark Licht – Iowa State University.

Over the next couple of years roughly a million acres of CRP contracts will expire. It will be important to make informed decisions about the future use of that land. This session will explore re-enrollment options as well as the various options for conversion to production agriculture and the importance of conservation compliance in doing so.

12:05 PM

Lunch - Second floor lobby, Scheman Building

Remarks from Jack Riessen, Iowa Water Center board member.

Afternoon Plenary Session Benton Auditorium

Moderator: Dean Lemke, Division of Soil Conservation, Iowa Department of Agriculture and Land Stewardship

1:00

Conservation systems role in sustaining productivity and soil quality

Mahdi Al-Kaisi, Mark Licht – Iowa State University

Conservation systems play a significant role in sustaining soil productivity. Additional benefits of conservation systems can be realized in overall soil quality improvement. The presentation will cover the value of conservation systems in sustaining soil productivity and improving soil quality.

1:30

Conservation systems: Effects of manure application on drainage water quality

Matt Helmers, Peter Lawlor – Iowa State University

With the increased use of manure as a nutrient resource for crop production there are increased questions about drainage water quality in areas where manure is applied. This session will present information from various studies on the impacts of manure application on drainage water quality.

2:00

Energy price change impacts on selection of conservation systems

Jim Jensen – Iowa State University

U.S. Agriculture has become very fossil fuel energy intensive. The impacts related to higher energy prices are changing the cost structure of agriculture and could eventually lead to short and long term changes in the way farmers operate."

2:30

Nuturing changes in conservation systems over the next 5 years

Jackie Comito, Steve Padgett – Iowa State University

What changes are ahead in who is managing farmland and deciding conservation practices? Learn about the transitions likely to occur and how tillage practices and plans and conservation attitudes differ between those likely to continue and those likely to exit farming in the next few years. Discussion comes from a 2006 survey of Iowa farmers.

3:00

Break and poster viewing

Concurrent Sessions

3:30

Benton Auditorium

Subsurface Drainage and Nitrate-Nitrogen Leaching from Fifteen Years in North-Central Iowa - Matt Helmers – Iowa State University

A drainage water quality study near Gilmore City, IA has been ongoing since 1990. Three different phases have been conducted investigating the impacts of nitrogen rate and timing on drainage water quality. This session will summarize the results relative to volume of subsurface drainage and nitrate leaching from this study.

175-179 Scheman ✕

Grazing Management Effects on Sediment and Phosphorus Loading of Pasture Streams by Stream Bank Erosion and Manure Deposition - Dan Morrical, Jim Russell – Iowa State University

Because excessive forage removal, hoof traffic, and fecal deposition along stream banks may be associated with uncontrolled grazing of riparian areas, the effects of management methods that alter the temporal and spatial distribution and activity of grazing cattle on stream bank erosion and manure deposition need to be evaluated. The data to be discussed in this presentation are the preliminary results of a study conducted at the Rhodes Research Farm evaluating the effects of three systems (continuous grazing with full access to a stream, continuous grazing with access restricted to stabilized crossings, and rotational grazing with stream access limited to managed grazing of the riparian paddock) on stream bank erosion; forage ground cover, height, and mass; manure distribution, and cattle distribution.

4:00

Benton Auditorium

Panel Discussion: Producer perspectives for adopting conservation systems

- Moderator: Jackie Comito – Iowa State University. Panelists: Rick Juchems, Jerry Crew, and Robert Pridie.

The Iowa Learning Farm project's goal is to improve Iowa's water quality through increased use of conservation systems by exchanging ideas, knowledge, data, and experiences among producers, educators, scientists and other stakeholders. This panel brings together four ILF cooperators to discuss the conservation systems on their operations, specifically the management and conservation techniques being demonstrated as a part of this multi-year project. They will share their insights into the social variables influencing conservation decisions and explore ways to further foster a conservation ethic among producers in Iowa.

175-179 Scheman ✕

Conservation adaptation history and water quality in two CEAP watersheds, Jasper County, Iowa - Keith Schilling – Iowa Geological Survey, Iowa Department of Natural Resources

The 10-year Walnut Creek Watershed Monitoring Project was completed and project results are presented. The project evaluated water quality changes resulting from large-scale land use change, including conversion of row crop land to native prairie at the Neal Smith National Wildlife Refuge in Walnut Creek watershed as well as conversion of former CRP land back to row crop in a paired, control watershed.

4:30

Benton Auditorium

Panel Discussion: Producer perspectives for adopting conservation systems

-(continuation of 4:00 PM session)

175-179 Scheman ✕

Using plants for field-scale conservation - Jeremy Singer – USDA-ARS National Soil Tilth Laboratory

A discussion of ecosystem services provided by cover crops and living mulches with examples from Iowa research.

5:00

Conference adjourns

Poster funding statements

1. Iowa Department of Agriculture and Land Stewardship - Division of Soil Conservation
2. Integrated Farm and Livestock Management Program (IFLM)
3. Natural Resources Conservation Service (NRCS) - Iowa
4. Iowa Department of Natural Resources
5. Cooperative State Research, Education and Extension Services (CSREES)
6. Heartland Regional Water Coordination Initiative (EPA Region 7, Iowa State University, Kansas State University, University of Missouri-Columbia, University of Nebraska-Lincoln)
7. Based on work supported by CSREES, U.S. Department of Agriculture, under Agreement No. 2004-51130-02249.
8. Based on work supported by CSREES, U.S. Department of Agriculture, under Agreement No. 2004-51130-02255.
9. Altria Group
10. U.S. Environmental Protection Agency
11. Iowa Department of Natural Resources - Section 319 program
12. Iowa Soybean Association
13. McKnight Foundation
14. Environmental Systems Research Institute
15. The Rathbun Lake Special Project is a partnership of the following individuals, agencies, and organizations: Participating landowners in the Rathbun Lake Watershed; Iowa Department of Agriculture and Land Stewardship's Division of Soil Conservation; Iowa Department of Natural Resources; Iowa State University; US Army Corps of Engineers; US Environmental Protection Agency; USDA Farm Service Agency; USDA Natural Resources Conservation Agency; Appanoose, Clarke, Decatur, Lucas, Monroe, and Wayne Soil and Water Conservation Districts and Counties; Iowa Farm Bureau at the state and county levels; and Rathbun Regional Water Association.

Posters and displays

1. **Division of Soil Conservation Overview**
Elaine Ilvess, Division of Soil Conservation, Iowa Department of Agriculture and Land Stewardship¹
2. **Iowa Learning Farm: Educational Concept for Promoting Conservation Systems**
Mark Licht - Department of Agronomy, Iowa State University^{1, 2, 3, 4}
3. **Addressing Iowa's Water Quality Concerns**
Shawn Richmond, Division of Soil Conservation, Iowa Department of Agriculture and Land Stewardship¹
4. **Raccoon River Watershed Monitoring: E. Coli and Emerging Contaminants**
Barb Duff and Dennis Hill - Des Moines Water Works
5. **Rathbun Lake Special Project: A Model Approach for Water Quality Protection**
Aaron Pickens - Rathbun Land and Water Alliance¹⁵
6. **Performance Measures to Evaluate Water Quality Accomplishments**
John Rodecap, Gerald Miller, and Susan Brown - Iowa State University⁸
7. **Capacity for Water Resources Research, Education and Extension**
Richard Cruse, Gerald Miller and Susan Brown - Department of Agronomy, Iowa State University⁷
8. **Building Capacity for Water Decision Making in the Heartland**
Gerald Miller - Iowa State University⁷
9. **Geographical Information Systems Analysis of Fish Kill and Manure Spill Data**
Anne Wiegand - Izaak Walton League of America - Agricultural Program - Fish Kill Advisory Network^{13, 14}
10. **Partnerships and Public Connections in Solving Water Quality Issues in Camp Creek**
Kristen Garrett Corey and Tim Terrill - Department of Sociology, Iowa State University⁶
11. **Relationship between Soil and Runoff Phosphorus for Three Typical Iowa Soils**
Brett L. Allen, Antonio P. Mallarino, and Mazhar U. Haq - Department of Agronomy, Iowa State University^{3, 12}
12. **Dye Tracing Subsurface Water Paths in the Yellow River Watershed**
Paul Berland - Northeast Iowa Resource Conservation and Development, Inc.^{9, 10, 11}
13. **Upper Iowa River Watershed Project: Targeting Critical Areas for Water Quality Improvements using GIS**
Nels Rasmussen - Northeast Iowa Resource Conservation and Development, Inc.^{10, 11}
14. **Partnering for Clean Water**
Harry Ahrenholtz and Chris Jones - Agriculture's Clean Water Alliance/Des Moines Water Works
15. **Iowa Watershed Improvement Review Board**
Jerry Neppel, Division of Soil Conservation, Iowa Department of Agriculture and Land Stewardship¹
16. **Making Strides in Watersheds**
Vince Sitzmann, Division of Soil Conservation, Iowa Department of Agriculture and Land Stewardship¹
17. **Corn yield response to reduced rates of spring-applied nitrogen**
Gaylia C. G. Ostermeier, Bradley W. Van De Woestyne, Alfred M. Blackmer, and Antonio P. Mallarino - Iowa State University¹²

Water Quality and Watershed Project Coordinators Meeting
March 8, 2006
Story County Conservation Center – McFarland Park – Ames, IA
Agenda

(Please check-in and pay \$6.00 for your lunch prior to the start of the meeting which will begin promptly at 8:00 a.m. Checks for meals should be made out to: "Soil Conservation Meeting Expense". Receipts for meals will be distributed upon payment.)

8:00 a.m.	Welcome	Jim Gillespie Ubbo Akena
8:10 a.m.	Status of Project Funding	Jim Gillespie Ubbo Akena
8:30 a.m.	Administrative Spreadsheet	Jeff Tisl Mike Franklin
8:50 a.m.	Watershed Planning Protocol	Vince Sitzmann
9:10 a.m.	Sediment Delivery Calculator	Adam Kiel Jeff Tisl
9:55 a.m.	Break	
10:10 a.m.	Watershed Atlas	Cam Conrad Bob Waters
10:55 a.m.	Newsletters and Information/Education	Jessie Brown
11:40 a.m.	Revised Plan of Operations	Becky Schwiete Marie Leat
12:00 p.m.	Lunch Break	
12:30 p.m.	Project Application Process Public Bidding Process WIRB Projects Low Interest Loan Program (Those covering these topics will each have a short presentation followed by a question and answer period.)	Mike Franklin Mike Franklin Jerry Neppel Tony Toigo
1:10 p.m.	Future Meetings and Final Comments	Jim Gillespie Ubbo Akena
1:30 p.m.	Adjourn	

WHITEBREAST CREEK WATERSHED PROJECT

MONTHLY REPORT FOR FEBRUARY 2006

Project Name: Whitebreast Creek Watershed Project

Project Number: 091-1.06

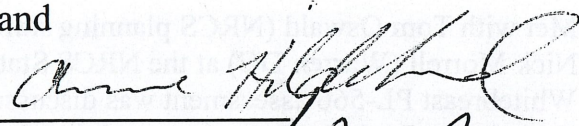
Reporting Period: February 1, 2006 – February 28, 2006

Soil and Water Conservation District: Warren, Clarke, Lucas, and Marion

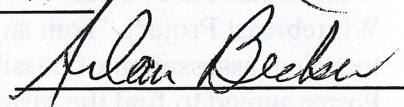
Date Report Prepared: March 14, 2006

Reporting Individual: Anne Hildebrand

Signature of Reporting Individual:



Signature of Warren Co. SWCD Commissioner:



Whitebreast Creek Watershed Project Monthly Report for February 2006
Anne Hildebrand, Project Coordinator

I. Planning; Work Activities; Major Accomplishments; Public Information; BMPs Initiated or completed, Status of activities schedules for completion; Scheduled Activity Progress:

Activities:

Project Coordinator

- Completed the January monthly report and updated ledgers.
- Visited Bob and Bernice Goode's Farms (Warren County Landowners) to go over their EQIP and State cost-share options. Bob was interested in constructing structures, crossings, basins, terraces, and installing new fence and improving the seeding on his land. Bernice was interested in constructing structures and crossings.
- Met with Tom Oswald (NRCS planning staff) and Jeff Porter (NRCS engineering) and Nick Morrell (Warren DC) at the NRCS State Office. The methodology behind the Whitebreast PL-566 assessment was discussed along with future options for the Whitebreast Project. Tom suggested that there was an opportunity to observe the technical assessment of possible PL-566 projects in Madison and Clarke Counties. Jeff Porter agreed to find the history of the Whitebreast Creek Watershed activities and email it.
- Attended the Warren and Clarke County SWCD meetings where the future possibilities for the Whitebreast Creek Project were discussed.
- Attended the 6th Annual Water Monitoring Conference in Ames, IA where the focus was on the "Heath and Economic Impacts of Water Quality". (agenda attached)
- Continued to work on the Whitebreast Creek Watershed Comprehensive Interim Report.
- Assisted the Indianola NRCS office by answering phone calls and helping out at the counter.
- Continued to update the Project's GIS layers.

FFY2005 Allocation Watershed Protection Fund Expenditures Report Through:					February 28, 2006	
Project:	Whitebreast Creek Watershed Project					
DSC No.	091-1.06					
SWCD:	Warren, Clarke, Lucas, Marion					
Reporting Period:	02/01/06-02/28/06					
5h Yr. Accounting for District's SFY2005 WSPF Initial Ledger Balance for <u>All</u> Line Items - Through:						February 28, 2006
					June 30, 2006	Balance
		6th Yr.	6th Yr.	6h Yr.	6th Yr.	After 6th Year
Line Item	SFY05 Alloc.	Obligated	Expended	Bal. or Unoblig.	Recall	Recall
Practices	142,506.00			142,506.00		0.00
Total	142,506.00	0.00	0.00	142,506.00	0.00	0.00
				0.00		
5th Year Accounting for District's SFY2005 WSPF Initial Ledger Balance for Practices - Through:						February 28, 2006
					June 30, 2006	Carryover of
		6th Yr.	6thYr.	6th Yr.	6th Yr.	SFY06 \$
Practice	2006 Alloc.	Obligated	Expended	Unobligated	Recall	into SFY2007
Grassed Waterways	8,400.00	5,047.05	660.00	2,692.95		
Terraces	65,400.72	23,007.75	38,652.52	3,740.45		0.00
Grade Stabilization Structures	68,000.00	5,088.19	54,059.87	8,851.94		
Water & Sediment Cntrl Basins	705.28	0.00	705.28	0.00		
					0.00	
Total	142,506.00	33,142.99	94,077.67	15,285.34	0.00	0.00
				15,285.34		

SFY2005 Allocation Water Protection Fund Expenditures Report Through:					February 28, 2006	
Project:	Whitebreast Creek Watershed Project					
DSC No.	091-1.06					
SWCD:	Warren, Clarke, Lucas, Marion					
Reporting Period:	02/01/06 - 02/28/06					
SFY2005 WPF Initial Ledger Balance for All Line Items - Through:					February 28, 2006	
					June 30, 2006	Balance
		6th Yr.	6th Yr.	6th Yr.	6th Yr.	After 6th Year
Line Item	SFY06 Alloc.	Obligated	Expended	Bal. or Unoblig.	Recall	Recall
GIS Specialist	16,743.00	1,860.33	5,581.00	9,301.67		0.00
Travel/Training	3,000.00	0.00	20.00	2,980.00		
Total	19,743.00	1,860.33	5,601.00	12,281.67	0.00	0.00
				12,281.67		

[illegible]

6th Annual Water Monitoring Conference

February 16-17, 2006 ♦ Scheman Building ♦ Ames, Iowa

Join us Thursday and Friday to discover what Iowans are doing
to improve and understand Iowa's water resources.

Thursday

- 4:00 p.m. Registration/Refreshments/Poster Session
Roundtable Group Discussions -- Open Forum (see back page for details)
- 5:45 p.m. Welcome/Opening Remarks
MARY SKOPEC (Iowa Department of Natural Resources)
- 6:00 p.m. Floods, Droughts, and Our Increasingly Erratic Weather
ELWYNN TAYLOR (Iowa State University)
- 7:00 p.m. Recognition of 2005 IOWATER Award Winners
- 7:15 p.m. Science in the Aftermath of Hurricanes Katrina and Rita
GREGORY SMITH (Director, U.S. Geological Survey's National Wetland Research Center)

Friday

- 7:00 a.m. Registration & Refreshments
- 8:00 a.m. Welcome
JEFF VONK (Director, Iowa Department of Natural Resources)
- 8:15 a.m. Valuing Water Quality Improvements in Iowa's Lakes
CATHY KLING, JOSEPH HERRIGES, and JOHN DOWNING (Iowa State University)
- 9:00 a.m. Potential Benefits of New Technology in Urban Watershed Modeling
MIKE HAWKINS (Iowa Department of Natural Resources)
- 9:45 a.m. Break/Poster Session
- 10:15 a.m. CONCURRENT SESSIONS
- A. Alternative Approaches to Urban Water Quality Issues**
- ♦ Ecological Wastewater Management in Iowa
SCOTT WALLACE (North American Wetland Engineering LLC, White Bear Lake, MN)
 - ♦ Implementing the FAIR Approach to Clean Water (Filter, Absorb, Infiltrate to Retain the 1" Rain)
STACIE JOHNSON (Cedar Rapids, IA)
 - ♦ Restricting Use of Phosphorus Fertilizers to Reduce Phosphorus Export from Residential Areas
JAMES JOHNSON (Three Rivers Park District, MN)

B. Shallow Lakes Management

- ♦ Ducks Unlimited's Living Lake Initiative for Iowa -- Emphasis on Larger Marshes
ROGER PEDERSON (Ducks Unlimited, Inc.)
- ♦ The Role of Fishes in Shallow Lakes
KYLE ZIMMER (University of St. Thomas, MN)
- ♦ Nutritional Ecology of Lesser Scaup during Migration and the Role of Healthy Wetlands in Iowa
MICHAEL ANTEAU (Louisiana State University)

11:30 a.m.

Lunch (vegetarian option will be available)

12:30 p.m.

CONCURRENT SESSIONS

C. Human Health and the Water Connection

- ♦ The Role of Waterfowl and other Wildlife on Aquatic Resources, Recreation, and Disease Transmission
MICHAEL ADAM (Lakes County Health Department, IL)
- ♦ Iowa Beach Epidemiology Study
GREG GRAY (College of Public Health, U. of Iowa)
- ♦ Iowa Groundwater as a Drinking Water Source: What are the Health Issues?
PETE WEYER (Center for Health Effects of Environmental Contamination, U. of Iowa)

D. The Meaning of Volunteer Data

- ♦ The Use of Volunteer Data in Conservation Planning
GEORGE CUNNINGHAM (The Nature Conservancy)
- ♦ Using Volunteer T-tube Data in Minnesota's Integrated Stream Assessments
LAURIE SOVELL (Minnesota Pollution Control Agency) -- *Invited*
- ♦ Collecting Credible Water Quality Data from Remote Sites with Volunteers
BERNIE HERMANSON (Harlan Community High School, IA)

1:45 p.m.

Break/Poster Session

2:00 p.m.

CONCURRENT SESSIONS

E. Indicators of Water Quality

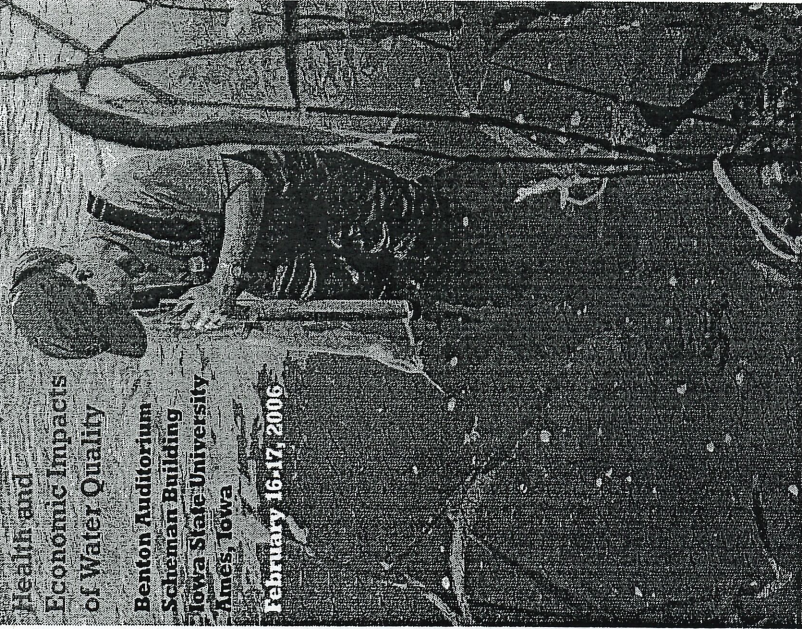
- ♦ How Does Iowa's Water Quality Rate?
KATIE FOREMAN (Iowa Department of Natural Resources)
- ♦ The Search for the Needle in the Haystack -- The Return of One of Iowa's Lost Mussels
SCOTT GRITTERS (Iowa Department of Natural Resources)
- ♦ Trout Response to Water Quality Changes in Iowa
BILL KALISHEK (Iowa Department of Natural Resources)
- ♦ Tracing Non-Point Sources in Iowa's Watersheds by Using a Coupled Approach
THANOS PAPANICOLAOU (Hydroscience and Engineering, U. of Iowa)

F. Recreation and the Value of Water

- ♦ The Lake Ahquabi Restoration Story
RANDY SCHULTZ (Iowa Department of Natural Resources)
- ♦ Iowa Water Trails
NATE HOOGEVEEN (Iowa Department of Natural Resources)
- ♦ A Local Water Trail: Skunk River Water Trail
GREG VITALE (Skunk River Paddlers)
- ♦ A Local Water Trail: Iowa River Water Trail
ROD SCOTT (Iowa River Greenbelt Resource Trust)
DUANE RIEKEN (Hardin County Conservation Board, IA)

Iowa Department of Natural Resources
Geological Survey
109 Trowbridge Hall
Iowa City, Iowa 52242-1319

**6th Annual
Water Monitoring Conference**
Health and
Economic Impacts
of Water Quality
Benton Auditorium
Scheman Building
Iowa State University
Ames, Iowa
February 16-17, 2006

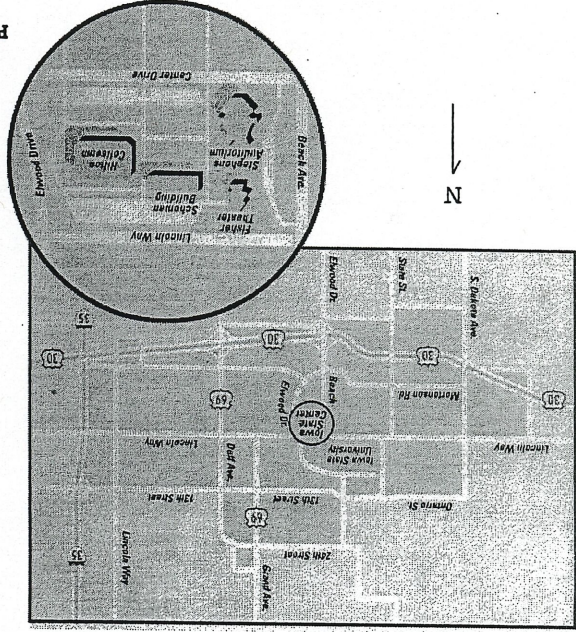


Printed in-house on recycled paper.

**Conference
registration
deadline is Friday,
February 3, 2006.**

**Free parking
is available north and
south of the Scheman
Building and Hilton
Coliseum.**

**For lodging information,
contact the Ames Conven-
tion and Visitors Bureau at
(800) 288-7470 or visit the
following web site:
[www.amescvb.com/maps/
maps.asp](http://www.amescvb.com/maps/maps.asp)**
**A block of rooms has been
reserved at the Comfort
Suites in Ames, Iowa.
Phone: (515) 268-8808.**



Roundtable Group Discussions
Open Forum at 4:00 p.m. on Thursday February 16 will provide an opportunity for informal discussions among IOWATER volunteers and professionals on a variety of topics. Meet the Water Monitoring Program staff and renew friendships with fellow Iowans involved in water quality. Start planning for the Project AWARE 2006 canoe trip on the Iowa River; practice your identification of aquatic insects; learn how to navigate around the online watershed atlas; explore water trail opportunities in Iowa; get answers to your questions about data entry and retrieval using the IOWATER and STORET databases; compare IOWATER bacteria methods to other available bacteria kits; and learn what it takes to organize a snapshot event in your area.

WHITEBREAST CREEK WATERSHED PROJECT MONTHLY REPORT FOR JANUARY 2006

Project Name: Whitebreast Creek Watershed Project

Project Number: 091-1.06

Reporting Period: January 1, 2006 – January 31, 2006

Soil and Water Conservation District: Warren, Clarke, Lucas, and Marion

Date Report Prepared: February 14, 2006

Reporting Individual: Anne Hildebrand

Signature of Reporting Individual: Anne Hildebrand

Signature of Warren Co. SWCD Commissioner: RJ Mendel

Whitebreast Creek Watershed Project Monthly Report for January 2006
Anne Hildebrand, Project Coordinator

I. Planning; Work Activities; Major Accomplishments; Public Information; BMPs Initiated or completed, Status of activities schedules for completion; Scheduled Activity Progress:

Activities:

Project Coordinator

- Completed the December monthly report and updated ledgers.
- Went to the Chariton field office to discuss the Norbert Schaefer project with Jeff Mathias.
- Attended the Warren, Clarke, Lucas, and Marion County SWCD meetings where a report on the Whitebreast budget and Project Coordinator activities was given.
- Submitted the revised Plan of Operations to Becky Schwiete (DNR).
- Sent in a budget change request letter to DSC to move \$705.28 from the terrace line item in WSPF to the water and sediment control basins line item because there was an error in a voucher submitted to the state accounting office.
- Attended the Iowa Watersheds Annual Meeting (January 12-13) where the theme was planning. (agenda attached)
- Sent in a request to attend the Iowa Annual Water Monitoring Conference.
- Spoke at the Marion County contractor's meeting in Knoxville. The contractor's were given a brief overview on project activities and cost-share prioritization.
- Continued to work on the Whitebreast Creek Watershed Comprehensive Interim Report.
- Received an extension to complete the Comprehensive Interim Report (February 28).
- Assisted the Indianola NRCS office by answering phone calls and helping out at the counter.
- Went out in the field with Chuck Abel (Warren County ST) to survey terraces.
- Went to the Greenfield NRCS office to assist Phil Patterson (ES) and Linda Dickerson (Sec.) with the Project Administration Spreadsheet for Phil's watershed project.

- After speaking with Vince Sitzmann about the Whitebreast Study that was completed by Jim Schneider for the Whitebreast PL-566 project, I set up a meeting for February 14 with Tom Oswald, Jeff Porter, and Nick Morrell at the NRCS state office to discuss the practice possibilities and the gully and stream bank erosion assessment options for the Whitebreast Project's new application.
- Prepared for and conducted the Whitebreast Watershed Association's annual meeting. (agenda attached)

Thursday, January 12, 2006

12:30 p.m. **Registration**

1:00 p.m. **Opening Session** **Ballroom**
Jeff Vonk, Iowa DNR
Marty Adkins, NRCS
Ken Tow, IDALS – DSC
Dan Sebert, National Watershed Coalition

2:00 p.m. Break-out sessions

X **Watershed Planning 101** **Room #6**
How do you do a successful watershed plan with a diverse group of interests? Learn the steps for including all partners and managing those interests.

Des Moines Water Works → Linda Kinman, Iowa Association of Water Agencies
Dr. Lois Morton, Iowa State University

X **Watershed Planning 101** **Room #7**
Watershed planning is more than just the people. The new protocol from NRCS, DNR and DSC shows you how to do the technical assessment.

Bill Ehm, DNR
Marty Adkins, NRCS
Jeff Tisel, IDALS

So You Want to Build A Lake **Room #8**
The latest craze in Iowa is building lakes for water supply, recreation and economic development. Is a lake right for your community?
David Beck, NRCS
Mike McGhee, DNR

3:00 p.m. Break

3:30 p.m. ***A View from DC & the Statehouse***
Ballroom
Congressman Tom Latham
State Senator Steve Kettering
John Moreland, Office of Sen. Tom Harkin
Moderated by: Max Proctor, IAWS President

4:15 p.m. Repeat of Break-out sessions

5:30 p.m. Social Hour (cash bar)

6:30 p.m. ***Banquet*** **Restaurant**
Jon Scholl, Agricultural Counselor to the EPA Administrator
What is the role of EPA in watershed planning? What resources can they offer? Listen to a top official with the EPA outline their commitment to voluntary watershed protection programs.

Friday, January 13, 2006

7:30 a.m. ***Buffet Breakfast*** **Balcony**

8:30 a.m. ***Business Session*** **Ballroom**

9:00 a.m. Break-out sessions

X **Watershed Planning 101** **Room #6**
You have the right people, you have the technical assessment. But did it really work? This session showcases three real life examples..

Room #
Fred Hainline Soap Creek Watershed
Leah Maass, Southfork Alliance

9:00 a.m. Break-out sessions (cont..)

Show Me the Money

Room #7

You have the plan, the right idea but you need funding. Do you know the funders' expectations?

Ubbo Agena, DNR (Section 319)

Patti Cale-Finegan, DNR (SRF)

Jim Gillespie, DSC

Marty Adkins, NRCS

Kevin Jacobson, Watershed Improvement Review Board

Brad Thompson, USACE

X

Will it Work – Evaluating Results of a Project

Room #8

Monitoring and modeling are two key elements of a watershed plan. Put together the right combination to evaluate the success of your project.

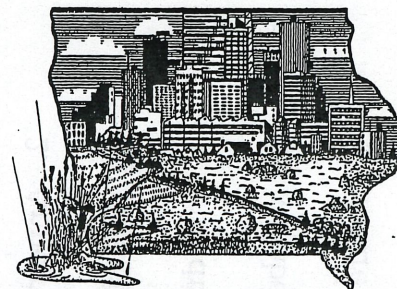
Alan Lauver, NRCS

Brian Soenen, DNR, IOWater

10:00 a.m. Break

10:30 a.m. Repeat break-out sessions

11:30 a.m. **Luncheon** **Restaurant**
Jeff Zinn, Congressional Research Service
"Are you Ready for the Next Farm Bill"



Member of National Watershed Coalition

Iowa Watersheds Annual Meeting

January 12-13, 2006
Adventureland Inn
Altoona, Iowa

Sponsored by:

**Iowa Watersheds
Iowa Department of Agriculture &
Land Stewardship
USDA-NRCS**

Whitebreast Creek Watershed Association Annual Meeting Agenda

January 26, 2006 (Thursday)

Location: Lacona - Rudy's Rendezvous
Meeting at 6 p.m.

Call Meeting to Order

Agenda, Minutes, Treasurer's Report

1. Adopt agenda M_____ S_____
2. Consider approval of minutes from August 25, 2005 meeting.
(Blue) M_____ S_____
3. Treasurer's Report (Purple) M_____ S_____

Reports

1. Whitebreast Coordinator Update - Anne Hildebrand

New Business

1. Election of Officer's - President, Vice President, Secretary/Treasurer M_____ S_____
2. Appointment of At-Large Members (3 year term)

Other Business

1. Introduction of Jeff Mathias (New District Conservationist in Lucas County)
2. Member update (Pink)
3. Future of the Whitebreast Creek Watershed
4. Adjourn M_____ S_____

FFY2005 Allocation Watershed Protection Fund Expenditures Report Through:					January 31, 2006	
Project:	Whitebreast Creek Watershed Project					
DSC No.	091-1.06					
SWCD:	Warren, Clarke, Lucas, Marion					
Reporting Period:	01/01/06-01/31/06					
5h Yr. Accounting for District's SFY2005 WSPF Initial Ledger Balance for <u>All</u> Line Items - Through:						January 31, 2006
		6th Yr.	6th Yr.	6h Yr.	June 30, 2006	Balance
Line Item	SFY05 Alloc.	Obligated	Expended	Bal. or Unoblig.	6th Yr.	After 6th Year
					Recall	Recall
Practices	142,506.00			142,506.00		0.00
Total	142,506.00	0.00	0.00	142,506.00	0.00	0.00
				0.00		
5th Year Accounting for District's SFY2005 WSPF Initial Ledger Balance for Practices - Through:						January 31, 2006
		6th Yr.	6thYr.	6th Yr.	June 30, 2006	Carryover of
Practice	2006 Alloc.	Obligated	Expended	Unobligated	6th Yr.	SFY06 \$
					Recall	into SFY2007
Grassed Waterways	13,400.00	3,963.75	660.00	8,776.25		
Terraces	60,400.72	39,245.89	17,475.96	3,678.87		0.00
Grade Stabilization Structures	68,000.00	35,088.19	30,534.84	2,376.97		
Water & Sediment Cntrl Basins	705.28	0.00	705.28	0.00		
					0.00	
Total	142,506.00	78,297.83	49,376.08	14,832.09	0.00	0.00
				14,832.09		

[illegible]

SFY2005 Allocation Water Protection Fund Expenditures Report Through:					January 31, 2006	
Project:	Whitebreast Creek Watershed Project					
DSC No.	091-1.06					
SWCD:	Warren, Clarke, Lucas, Marion					
Reporting Period:	01/01/06 - 01/31/06					
SFY2005 WPF Initial Ledger Balance for All Line Items - Through:					January 31, 2006	
					June 30, 2006	Balance
		6th Yr.	6th Yr.	6th Yr.	6th Yr.	After 6th Year
Line Item	SFY06 Alloc.	Obligated	Expended	Bal. or Unoblig.	Recall	Recall
GIS Specialist	16,743.00	1,860.33	5,581.00	9,301.67		0.00
Travel/Training	3,000.00	0.00	0.00	3,000.00		
Total	19,743.00	1,860.33	5,581.00	12,301.67	0.00	0.00
				12,301.67		

January 2007 WATER QUALITY PROJECT MONTHLY REPORT

Project Name: Whitebreast Water Quality Project

Project Number: 091-1.01

Soil and Water Conservation District: Clarke, Lucas, Marion, Warren

Reporting Period: January 1 – January 31

Date Report Prepared: February 16, 2007

Reporting Individual: Duane R. Miller

Preparer's Signature: Duane R. Miller

SWCD Chairperson's Signature:

Jerry L. Bales

Major work activities, project administration/planning meeting, accomplishments, public information activities, and other activities that impact the project: November 2006

January 4, Byron Patrick, Kim Williams, Duane Miller, Jeff Mathias, and Dennis Schrodt received training training on completing gully studies from Adam Kiel and Vince Sitzman.

Byron and Kim have been completing the stream channel survey (weather permitting).

January 5, Duane spent the day with Kim and Byron monitoring stream channel assessment.

Duane spent an additional 5 days in the watershed completing Gully surveys. Duane spent an additional 2 days in the county making contacts for permissions to get access for gully studies and inputting gully data.

Janet Easter began work on January 29th using the tablet to collect data on cropping history, rotation, tillage, etc. Due to the snow cover, data is being gathered from FSA office records.

About 40 percent of the stream survey has been completed as of the end of January. Forty-three gully surveys were completed by the end of January.

Cold weather and snow cover have prevent much field work on gullies or stream assessment since about January 22.

WHITEBREAST CREEK WATERSHED PROJECT MONTHLY REPORT FOR DECEMBER 2005

Project Name: Whitebreast Creek Watershed Project

Project Number: 091-1.06

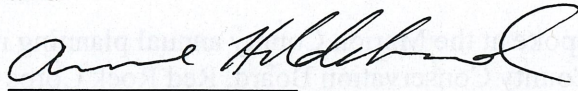
Reporting Period: December 1, 2005 – December 31, 2005

Soil and Water Conservation District: Warren, Clarke, Lucas, and Marion

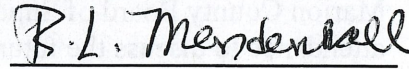
Date Report Prepared: January 10, 2006

Reporting Individual: Anne Hildebrand

Signature of Reporting Individual:



Signature of Warren Co. SWCD Commissioner:



Whitebreast Creek Watershed Project Monthly Report for December 2005
Anne Hildebrand, Project Coordinator

- I. Planning; Work Activities; Major Accomplishments; Public Information; BMPs Initiated or completed, Status of activities schedules for completion; Scheduled Activity Progress:

Activities:

Project Coordinator

- Completed the November monthly report and updated ledgers.
- Went to the Chariton field office to obtain the 2006 fiscal year Lucas County Whitebreast cost-share applications.
- Attended the Warren, Clarke, and Marion County SWCD meetings where a report on the Whitebreast budget and Project Coordinator activities was given.
- Spoke at the Marion County annual planning meeting where individuals from the Marion County Conservation Board, Red Rock Corps of Engineers Office, URBAN, DNR, Marion County Board of Supervisors, Marion County SWCD, and NRCS staff were in attendance to discuss the future of Marion County's conservation efforts.
- Spoke with Vince Sitzmann about difficulties with the new Project Administration Spreadsheet and the issues were resolved.
- Revised the Whitebreast Creek Watershed's FY2006 Plan of Operations.
- Began work on the Whitebreast Creek Watershed Comprehensive Interim Report.
- Received an extension to complete the Comprehensive Interim Report (January 30th).
- Assisted the Indianola NRCS office by answering phone calls and helping out at the counter.
- Warren County Staff Meeting.
- Continued to deal with issues concerning the Norbert Schaefer grade stabilization project. The Lucas County SWCD drafted a letter to each of the Marion, Clarke, and Warren County SWCDs requesting that the cap on the grade stabilization structures cost-share be changed from \$6000 to \$9000. The districts will decide whether to change the cost-share cap at the January SWCD meetings. (Lucas County Letter Attached)

- Met with Ubbo Agena, Cathie Graves, and Vince Sitzmann at the Wallace State Office Building to discuss the future of the Whitebreast project. Due to the unlikelihood that the Whitebreast 206 Project will receive money from the United States Army Corps of Engineers in the near future, the direction of the project needs to change. A few of the issues discussed were:
 - Completing a gulley assessment
 - Necessity to show projects that reduce sediment and nutrients
 - Large structures are to be more of a focus instead of on-land treatment
 - More emphasis on pollutant reduction
 - Focus and target
 - Must target the most critical areas
 - Focus on smaller areas where the impact can be shown

GIS Specialist:

- Worked on database project.
- Created soils maps for landowners.
- Organized files.
- Office assistance.

SFY2005 Allocation Water Protection Fund Expenditures Report Through:					December 31, 2005	
Project:	Whitebreast Creek Watershed Project					
DSC No.	091-1.06					
SWCD:	Warren, Clarke, Lucas, Marion					
Reporting Period:	12/01/05 - 12/31/05					
SFY2005 WPF Initial Ledger Balance for All Line Items - Through:					December 31, 2005	
					June 30, 2006	Balance
		6th Yr.	6th Yr.	6th Yr.	6th Yr.	After 6th Year
Line Item	SFY06 Alloc.	Obligated	Expended	Bal. or Unoblig.	Recall	Recall
GIS Specialist	16,743.00	0.00	5,581.00	11,162.00		0.00
Travel/Training	3,000.00	0.00	0.00	3,000.00		
Total	19,743.00	0.00	5,581.00	14,162.00	0.00	0.00
				14,162.00		

[illegible]

FFY2005 Allocation Watershed Protection Fund Expenditures Report Through:					December 31, 2005	
Project:	Whitebreast Creek Watershed Project					
DSC No.	091-1.06					
SWCD:	Warren, Clarke, Lucas, Marion					
Reporting Period:	12/01/05-12/31/05					
5h Yr. Accounting for District's SFY2005 WSPF Initial Ledger Balance for <u>All</u> Line Items - Through:						December 31, 2005
					June 30, 2006	Balance
		6th Yr.	6th Yr.	6h Yr.	6th Yr.	After 6th Year
Line Item	SFY05 Alloc.	Obligated	Expended	Bal. or Unoblig.	Recall	Recall
Practices	142,506.00			142,506.00		0.00
Total	142,506.00	0.00	0.00	142,506.00	0.00	0.00
				0.00		
5th Year Accounting for District's SFY2005 WSPF Initial Ledger Balance for Practices - Through:						December 31, 2005
					June 30, 2006	Carryover of
		6th Yr.	6thYr.	6th Yr.	6th Yr.	SFY06 \$
Practice	2006 Alloc.	Obligated	Expended	Unobligated	Recall	into SFY2007
Grassed Waterways	13,400.00	3,963.75	660.00	8,776.25		
Terraces	60,400.72	39,245.89	17,475.96	3,678.87		0.00
Grade Stabilization Structures	68,000.00	35,088.19	30,534.84	2,376.97		
Water & Sediment Cntrl Basins	705.28	0.00	705.28	0.00		
					0.00	
Total	142,506.00	78,297.83	49,376.08	14,832.09	0.00	0.00
				14,832.09		

Project: Whitebreast Creek Watershed Project

SWCD: **Warren**

DSC No: 091-1.06

Line Item	Individual Budget Item	Funding Source	Original Allocation	Obligated	Expended	Unobligated Balance
1	Salary/Benefits	319	\$28,500.00	\$0.00	\$0.00	\$28,500.00
2	Salary/Benefits	WPF	\$28,000.00	\$0.00	\$0.00	\$28,000.00
3	Indirect Cost	319	\$6,200.00	\$0.00	\$0.00	\$6,200.00
4	Travel & Training	WPF	\$3,000.00	\$0.00	\$0.00	\$3,000.00
5	Travel & Training (GIS Spec.)	319	\$1,000.00	\$0.00	\$0.00	\$1,000.00
6	Supplies	319	\$1,500.00	\$0.00	\$0.00	\$1,500.00
7	Contractual Services (GIS)	319	\$22,500.00	\$913.39	\$4,961.61	\$16,625.00
8	Contractual Services (GIS)	WPF	\$16,743.00	\$0.00	\$5,581.00	\$11,162.00
9	Information & Education	319	\$2,500.00	\$0.00	\$0.00	\$2,500.00
10	Terraces	WSPF	\$60,400.72	\$39,245.89	\$17,475.96	\$3,678.87
11	Grassed Waterways	WSPF	\$13,400.00	\$3,963.75	\$660.00	\$8,776.25
12	Grade Stab. Structures	WSPF	\$68,000.00	\$35,089.19	\$30,534.84	\$2,376.97
13	Water & Sed. Control Basins	319	\$37,500.00	\$21,075.38	\$0.00	\$16,424.62
14	Water & Sed. Control Basins	WSPF	\$705.28	\$0.00	\$705.28	\$0.00
15	Pasture & Hayland Planting	319	\$22,500.00	\$0.00	\$0.00	\$22,500.00
16						
		Totals	\$312,449.00	\$100,286.60	\$59,918.69	\$152,243.71

[illegible][illegible]

December 27, 2005

To: Whitebreast Watershed Commissioners

From: Lucas County SWCD

Dear Commissioners:

We have a WBWS grade stab project nearing completion in our county. The original estimate for the pond was for \$8480.00 and since it lies in a priority sub-watershed of White Breast Creek, he was approved for 75% and met the maximum limitation of \$6000.00 cost-share.

The design was sent to our area civil engineering technician for design and the estimate came in for considerable more dollars, \$14,876.26. The producer was not given the final design or estimate because of a fast turn around time requested by the contractor for the project. After about three days of construction, the producer realized this project was going to be more costly than the original estimate. He talked with the office to see if more money would be available to assist with the extra cost.

From the environmental aspect of this project, we feel this project is worth considerably more than \$6,000 for the improvements to White Breast Creek. This structure lies within one mile of the main creek and has a drainage area of 78 acres. This alone means that it is stopping 9415 tons of sediment and 269 tons per year for the 35 year life expectancy. The structure was built to minimum requirements of storing 35 years of sediment, so it is not a recreation structure, nor will it be a good source of water for the 35 year life expectancy of the structure.

Our commissioners are proposing to the other SWCD's in the WBWS to consider changing the maximum cost share amount on structures to the percentage allowed of a \$12000.00 total cost project. In the case above, the producer receiving 75% cost-share would be entitled to \$9,000.00 reimbursement. This would then allow the same size of structure as our IFIP state cost-share allows with 50% cost-share. As a comparison, this structure has a per acre treated cost of \$212. In the Rathbun Watershed, they like to keep the cost per acre treated under \$500 per acre. This structure is well under that figure at only half of that cost.

Thanks for your consideration. We will be anxious to hear your response. If you have any questions, please feel free to call Jeff Matthias, DC at the Chariton field office at (641)774-2512.

Sincerely,

Kevin Luedtke, Chairman
Lucas County SWCD

Weinkoetz, Judy - Osceola, IA

From: Hildebrand, Anne - Indianola, IA
Sent: Tuesday, November 28, 2006 3:16 PM
To: Bob Sandy; Don Reasoner; Duane Ohnemus; J.B. Hamilton; Jim A. McCoy (jamccoy@mmm.com); Kim Francisco (cisco@lucasco.net); Jung, Jay - Knoxville, IA; Matthias, Jeff - Chariton, IA; Morrell, Nick - Indianola, IA; Schrodt, Dennis - Osceola, IA; Cathie Graves (cathie.graves@idals.state.ia.us); Schrodt, Dennis - Osceola, IA; Dora Guffey; Hilger, Dennis - Creston, IA; Appelgate, Linda - Ankeny, IA; Sitzmann, Vince; Ubbo Agena (ubbo.agena@dnr.state.ia.us)
Cc: Zimprich, Jeffrey - Atlantic, IA; Trautman, Bruce - Fairfield, IA; 'paul.valin@idals.state.ia.us'; Grimm, Marcia - Indianola, IA; Hunerdosse, Sandi - Chariton, IA; VanderHart, Frances - Knoxville, IA; Weinkoetz, Judy - Osceola, IA
Subject: Whitebreast Watershed Association Annual Meeting
Attachments: WWA Mtg. Agenda 01-18-07.doc; 11-08-06 WWA Minutes.doc

The next Whitebreast Watershed Association Board meeting will be held on Thursday January 18, 2007 at the Lacona Community Hall in Lacona, IA. The meeting will begin at 7 p.m.

Along with the usual business, it is the time for the Board of Supervisor Representative for each county to be nominated from each county's Board of Supervisors and the election of officers: president, vice president, and secretary/treasurer.

The new agenda and the minutes from the last Association meeting are attached.

Anne Hildebrand
Environmental Specialist
Iowa Dept. of Agriculture & Land Stewardship
Division of Soil Conservation
Phone: 515-961-5264
Fax: 515-961-5738

Whitebreast Creek Watershed Association Annual Meeting Agenda

January 18, 2007 (Thursday)

Location: Lacona - Lacona Community Hall

Meeting at 7 p.m.

Call Meeting to Order

Agenda, Minutes, Treasurer's Report

1. Adopt agenda M_____ S_____
2. Consider approval of minutes from November 8, 2006 meeting. M_____ S_____
3. Treasurer's Report M_____ S_____

Reports

1. Whitebreast Update

Old Business

1. IRS Tax Return for the Whitebreast Watershed Association - Alan

New Business

1. Election of Officer's M_____ S_____
 - a. President, Vice President, Secretary/Treasurer
2. Appointment of County Supervisor Members (3 year term)
 - a. One (1) Director appointed by the Board of Supervisors from each county (Clarke, Lucas, Marion & Warren Counties)
3. Presentation by J. B. Hamilton about lake project.
4. Vote on sending letter of support from the WWA for J.B.'s project. M_____ S_____
5. Adjourn M_____ S_____

WHITEBREAST WATERSHED ASSOCIATION

Lacona Community Building

Lacona, IA 50139

MINUTES

November 8, 2006 - 7:00 PM

Those Present:

Arnold Schneider, WBWS Vice-President
Kim Francisco, Lucas Co
Clarence Gee, Lucas Co
Allan Mathias, Clarke Co
Dora Guffey, Chariton Valley RC&D
Dennis Schrodt, DC, NRCS, Clarke Co
Nick Morrell, DC, NRCS, Warren Co
Cathie Graves, Field Rep, IDALS/DSC
Paul Valin, Field Rep, IDALS/DSC
Jeff Zimprich, ASTC(FO), NRCS, Atlantic
Sarah Zimmerman, SC, NRCS, Warren Co
Anne Hildebrand, ES, WBWS

Bob Sandy, Warren Co
Sam Nichols, Marion Co
JB Hamilton, Clarke Co
Jim McCoy, Marion Co
Linda Applegate, IA Heartland RC&D
Jeff Matthias, DC, NRCS, Lucas Co
Jay Jung, DC, NRCS, Marion Co
Mary Klein, Clarke Co
Vince Sitzman, ES, IDALS/DSC
Bruce Trautman, ASTC(FO), NRCS, Fairfield
Sandi Hunerdosse, Sec, Lucas Co

CALL MEETING TO ORDER

Association Vice-President, Arnold Schneider, called the meeting to order at 7:05 PM, at the Lacona Community Building in Lacona. Introductions were made. President Duane Ohnemus was unable to attend.

AGENDA:

Schneider called for additions to or approval of the proposed agenda.

(06-06) Motion by Francisco, seconded by Sandy to approve the agenda as presented. Motion carried.

MINUTES:

Hildebrand reviewed the minutes from the January 26, 2006 meeting.

(06-07) Francisco moved to approve the minutes of the January 26, 2006 meeting as presented, seconded by McCoy. Motion carried.

TREASURER'S REPORT:

Hildebrand reviewed the treasurer's report as presented in the board handout. Alan Mathias, treasurer, explained the activity of the checking account, he had to withdraw \$1.00 to keep the account open and then he deposited the \$1.00. Mathias had to show some activity in the account to keep it open. The balance remains the same.

(06-08) Motion by Gee, seconded by Sandy to approve the treasurer's report as presented. Motion carried.

Reports:

Whitebreast Coordinator Update: Anne gave her coordinator's report and updates to the board. Anne had handouts of maps of the Whitebreast watershed showing the 303(d) impaired waters, the upper Whitebreast Creek stream assessment and East Lake in Clarke County. Anne discussed the problem areas and priority areas of the watershed with the members.

Anne updated the members on the funding WBWS had received in 2006:

WSPF funds, \$158,809.80 of which \$136,883.31 was expended and \$8,151.94 was obligated.

EPA-319 funds, \$60,000.00 of which \$30,358.34 was expended. 32 projects were funded benefiting 802.2 acres with a sediment delivery reduction of 1,730 tons/year.

EQIP Special Project funding, \$475,000.00, of which \$474,348.96 was obligated for 47 EQIP contracts in the 4-county watershed area.

A breakdown of EQIP projects and dollars by county:

Clarke: \$41,302 for 2 contracts

Lucas: \$190,334.96 for 19 contracts

Marion: \$191,847 for 21 contracts

Warren: \$50,865 for 5 contracts

Anne has held 2 snapshot/water monitoring field days in 2006, one in the spring and in the fall. This was the 9th year to do the snapshot project in the WBWS. Some of the results of the sampling were that there are high nutrients in the area near the Knoxville water treatment plant.

Anne discussed the assessment and what IDNR would like to come out of the assessment. The assessment will focus on the impaired waters. Anne had maps of the sites to review with the board. The 1st part of the assessment will focus on Clarke and Lucas Counties on the head water. The assessment will work on stream and windshield survey. There are 100 gully sites. Anne informed the board that to get moving forward with the assessment, all 4 counties (Clarke, Warren, Lucas and Marion) will have to be in agreement and show their support of the project. The funding sources for the project after the assessment could be EPA-319, WPF, WSPF and other grants. Anne discussed the report from the 2004 study.

Question: Bob Sandy-time line to complete the assessment in the 1st area?

Answer: Anne- 2 to 3 months, this would be an on-site assessment and now would be a good time to complete the study with no snow on the ground.

The Districts that have agreed to support the assessment to date are Clarke, Lucas and Warren counties, Marion has tabled till their next commissioner's meeting, November 14th.

Comment: Mary Klein, Clarke Co-Encouraged the board to go along with the assessment and be supportive of the project and work together for the cause of the project. She reviewed the amounts of cost share dollars that had be spent in each of the 4 counties and stressed how the project needs support from all the board members.

New Business:

IRS Tax Return for Tax Exempt Organizations: Anne reported to the board that she had received paperwork for filing a IRS tax return for tax exempt organizations. After discussion it was decided that this filing goes along with the #990 form to the IRS. Alan Mathias agreed to look into the reporting of the tax return for non-profits with the help of the Iowa Heartland RC&D staff. The RC&D has to file these annual reports also and they will be able to assist the WBWS board.

(06-09) Motion by Francisco, seconded by Hamilton to have Mathias look into the filing of the Tax Exempt IRS tax return. Motion carried.

Review of 28E Agreement and WWA By-Laws: Anne gave each board member present a copy of the 28E Agreement and the WWA By-Laws for them to review. The members discussed the 28E Agreement, concerning members of the agreement, IDNR and IDALS/DSC are non-voting members, per Article IV item C. Also there will be some other changes to the Agreement, such as the contact person, this needs to be updated to the new coordinator.

The By-Laws were also reviewed. In Article II, it was discussed the members and term of those members, in Section 2. The members also reviewed what is needed to have quorum at the meetings.

Roles and Responsibilities: Cathie Graves, Field Rep with the IDALS/DSC reviewed the roles and responsibilities of the watershed board and the WBWS Coordinator.

The WWA should be the advisory board to the 4 Districts in the watershed. Advise them in regards to the funding from PL566 and 206 for flood control.

Direction of the Whitebreast Creek Watershed Association: Paul Valin, Field Rep with IDALS/DSC was at the meeting to facilitate the round table discussion on the future of the WWA board and the future of the project. Paul had the board members do a brainstorming session and asked the members write down their thoughts on the questions:

1. What do you see as a natural resource/environmental problems in the WBWS?
2. What is needed to solve these problems?
3. How will these problems be resolved?
4. What are you personally willing to do to accomplish this task?

To these questions Paul emphasized before answering the questions "That everyone's ideas are valued", "Need participation from all members of the board" and "Everyone needs to look to the future."

The results of the roundtable/brainstorming discussion will be an enclosed attachment.

Commitment of the Whitebreast Watershed Association: A commitment from the WWA was discussed. It was agreed that the association was for the WBWS project and to proceed forward with the assessment.

(06-10) Motion by Francisco, seconded by Gee for the WWA to commitment to the direction of the Whitebreast Creek Watershed project. Motion carried.

Other Business:

Introduction of new DC in Marion County: Anne introduced the new DC in Marion County, Jay Jung. Jay started in Marion county in March, replacing Marv Mensching, DC who passed away in June.

Anne requested that the WBWS board members contact her if they have any items for the agenda of the January meeting. At the January meeting will be election of officers and appointment of the County Board of Supervisors representatives.

JB Hamilton requested that he be able to present his plans for his lake project in Clarke county at the January meeting. JB's project is a "Green Development." JB also expressed to the board that he would like a letter of support for his project. After discussion, it was agreed to discuss JB's project in greater detail at the January meeting.

Anne, ES, expressed to the WBWS board that they take with them the question, "Where do we go from here?" and bring their ideas to the January meeting.

Adjournment:

The next meeting of the WBWS will be on January 11, 2007. No further business, meeting adjourned at 9:30 PM.

(06-11) Motion by Francisco, seconded by Hamilton to adjourn the meeting. Motion carried.

Respectfully submitted by:

S. Hunerdosse, State Secretary

DIRECTION OF Whitebreast WATERSHED-Round table
Facilitated by Paul Valin, IDALS/DSC

1. What do you see as the natural resource/environmental problems in the Whitebreast Creek Watershed?

CHALLENGES:

1. (8 votes) Streambank erosion/sediment passed through the stream
2. (6 votes) Gullies are developing and growing
3. (4 votes) Water quality - WBWS & Red Rock Lake
 Something in the water (causing rash on people)
 Illegal dumping of white good and trash in tributaries & Whitebreast under bridges
4. (3 votes) New storm sewers installed causing flash flooding/civic run-off
5. (1 vote) Sediment largest contributor to Red Rock Lake
 Discharges into stream (septic-waste water treatment plants/lagoons, etc.)

Comments/Concerns (no votes)

- *Spuratic flows in stream
- *Dry to bank being full
- *Stream cutting deeper & wider
- *Shortage of livestock water
- *Livestock using stream may result in E. Coli
- *Ground source water from abandon wells

2. What is needed to solve these problems?

SOLUTIONS:

1. (5 votes) Appropriate funding sources-no more Band-Aids
2. (4 votes) Money we need to go after-COE, 206 PL566, EPA-319,WIRB, whatever it takes
3. (2 votes) Education -about the cause & effect to stream & lake
 Flexibility to try new methods
 Enforcement of dumping rules
 Comprehensive evaluation of upland area to stop erosion
4. (1 vote) Long range planning: vision starts idea & move forward - Have patience and be steadfast

Comments/Concerns (no votes)

- *Work in public places on impoundments
- *Pool & ripples - streambank protection
- *Expect communities to be accountable for run-off
- *Identify needs & implement timely, prioritize
- *Deer population control

3. How will these problems be resolved? (No time to discuss)

Comments/Concerns

- *Containment structures, education, not sure will ever be resolved but can be reduced
- *Working together toward a common goal for an improved WBWS -starting at the local grassroots of each of the 4 counties-more awareness of the need & proceeding on to the local & area agencies. Team effort
- *By construction of sediment control structures & funding to implement BMPs
- *Silt structures for control of sediment deposit nutrient holding basins

4. What are you personally willing to do to accomplish this task?

Personal/WWA Commitment

1. (5 votes) Increase cost share rate in priority areas
2. (4 votes) Work as a member to work on problems we agree to
3. (3 votes) Set through whatever meetings-anywhere
Work with the state to record serial numbers for preventing dumping of white goods
4. (1 vote) Work to educate the public-board needs to commit to meet goals
Control erosion on my property
Start here as the pollution goes all the way to the gulf

Comments/Concern (no votes)

- *Work to get them money (landowners in watershed to do work needed)
- *Encourage community to encourage farmers
- *Goes as far as the money is available

WHITEBREAST CREEK WATERSHED PROJECT MONTHLY REPORT FOR OCTOBER 2006

Project Name: Whitebreast Creek Watershed Project

Project Number: 091-1.07

Reporting Period: October 1, 2006 – October 31, 2006

Soil and Water Conservation District: Warren, Clarke, Lucas, and Marion

Date Report Prepared: November 14, 2006

Reporting Individual: Anne Hildebrand

Signature of Reporting Individual: Anne Hildebrand

Signature of Warren Co. SWCD Commissioner: Kenneth W. Carr

Whitebreast Creek Watershed Project Monthly Report for October 2006
Anne Hildebrand, Project Coordinator

- I. Planning; Work Activities; Major Accomplishments; Public Information; BMPs Initiated or completed, Status of activities scheduled for completion; Scheduled Activity Progress:

Activities:

Project Coordinator

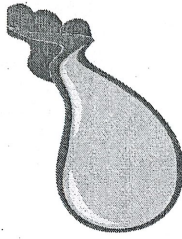
- Completed the September monthly, July through September quarterly, and annual reports and updated the project administrative spreadsheet.
- Completed the sediment delivery calculations for the SFY and FFY 2006 WSPF, EPA-319, and EQIP projects that were completed. Based on the sediment delivery calculations for SFY and FFY 2006, the sediment delivery reduction in the Whitebreast Creek Watershed was 2,372 tons/year (this includes a SFY07 funded WSPF project which was completed within the 2006 FFY). The practices that were installed are as follows: 25,687 feet of terraces, 4.35 acres of grassed waterways, 15 grade stabilization structures, 30 water and sediment control basins, and 256.5 acres of pasture and hayland planting. The acres treated by the installation of these practices are 851.9 acres.
- Conducted a meeting on 10/03/06 at the Indianola Public Library to discuss the Whitebreast assessment. Those in attendance were: Ubbo Agena, Jim Gillespie, Cathie Graves, Paul Valin, Vince Sitzmann, Nick Morrell, Jeff Matthias, and I. It was decided at this meeting that we would assess the 76.639 acre watershed which ends at the confluence of Brush Creek and Whitebreast Creek in Lucas County. Ubbo and Jim stated that the Clarke, Lucas, Marion and Warren SWCD boards would all need to approve the new direction of the assessment and the Whitebreast Creek Watershed Project for the Project to continue.
- Attended the Warren County SWCD meeting on 10/10/06, the Clarke County SWCD meeting on 10/11/06, the Lucas County SWCD meeting on 10/16/06, and the Marion County SWCD meeting on 10/26/06. The Warren, Clarke, and Lucas SWCDs approved the new direction of the Project and the assessment. The Marion County SWCD invited Ubbo Agena, Jim Gillespie, and Paul Valin to their meeting to answer questions about the assessment and discuss their concerns. The Marion County SWCD decided to table the decision until their next meeting on 11/14/06. The assessment is currently on hold awaiting a decision from Marion County.
- Assisted the Indianola NRCS office by answering phone calls and helping out at the counter.

- Entered the Clarke and Lucas County landowners which have land along the stream segments which are proposed to be assessed using the DNR RASCAL (Rapid Assessment of Stream Conditions Along Length) protocol into an excel spreadsheet. The parcel layers from the Clarke and Lucas County Assessors were used to acquire the landowner information. Using mail merge, the spreadsheet data was merged into a letter and a post-card to be sent to these landowners. The landowners would need to approve the assessment being completed on their land since it is voluntary. The letters will be sent out after confirmation is received from the state regarding whether the assessment can proceed as planned.
- Continued to enter the FFY06 Whitebreast projects into ArcMap for the DNR. After speaking with Kate Bussanmus (DNR GIS Specialist), additional information would need to be added to the layers' attribute tables before the information is submitted to DNR.

Line Item	Individual Budget Item	Funding Source	Original Allocation	Obligated	Expended	Unobligated Balance
1	Salary/Benefits	319	\$28,500.00	\$0.00	\$28,500.00	\$0.00
2	Salary/Benefits	WPF	\$28,000.00	\$0.00	\$28,000.00	\$0.00
3	Indirect Cost	319	\$8,200.00	\$0.00	\$8,200.00	\$0.00
4	Travel & Training	WPF	\$3,000.00	\$0.00	\$133.94	\$2,866.06
5	Travel & Training (GIS Spec.)	319	\$1,000.00	\$0.00	\$0.00	\$1,000.00
6	Supplies	319	\$1,500.00	\$0.00	\$8.70	\$1,491.30
7	Contractual Services (GIS)	319	\$22,500.00	\$0.00	\$7,508.30	\$14,991.70
8	Contractual Services (GIS)	WPF	\$16,743.00	\$0.00	\$5,581.00	\$11,162.00
9	Information & Education	319	\$2,500.00	\$0.00	\$18.12	\$2,481.88
10	Terraces	WSPF	\$89,056.46	\$0.00	\$77,012.12	\$12,044.34
11	Grassed Waterways	WSPF	\$9,900.00	\$3,083.75	\$4,841.04	\$1,995.21
12	Grade Stab. Structures	WSPF	\$59,148.06	\$5,088.19	\$54,324.87	\$265.00
13	Water & Sed. Control Basins	319	\$37,500.00	\$0.00	\$24,587.09	\$12,912.91
14	Water & Sed. Control Basins	WSPF	\$705.28	\$0.00	\$705.28	\$0.00
15	Pasture & Hayland Planting	319	\$22,500.00	\$0.00	\$5,771.25	\$16,728.75
Totals			\$328,752.80	\$8,151.94	\$243,191.71	\$77,409.15

Line Item	Administrative Expenses	Expended
1	Salary/Benefits	\$28,500.00
2	Salary/Benefits	\$28,000.00
3	Indirect Cost	\$8,200.00
4	Travel & Training	\$133.94
5	Travel & Training (GIS Spec.)	
6	Supplies	\$8.70
7	Contractual Services (GIS)	\$7,508.30
8	Contractual Services (GIS)	\$5,581.00
9	Information & Education	\$18.12

Applicant Information			Pre-Implementation				Post-Implementation								Loading Reductions				
Line Item	Cost Share Claim Number	Landowner Name	Amount Planned	SWCD Approval Date	Cost Share Source	Funding Obligated	Date Certified	Amount Installed	Cost Share Claim Filed	Funds Expended	Land-owner Costs	Soil Loss Before (t/acy)	Soil Loss After (t/acy)	Other Soil Loss (t/y)	Area Treated (acres)	Sediment Loading (t/y)	N Loading (lb./y)	P Loading (lb./y)	Other Loading (units/y)
	7461146A882	Jerry Lehr	410=1	4/13/06-NRCS	EQIP	\$6,000.00	9/14/06	1				2.4	2.4		42.9	218			178
	7461146A882	Jerry Lehr	638=5	4/13/06-NRCS	EQIP	\$0.00	9/14/06	5	\$7,380.20	\$7,380.20	\$14,760.40	3.4	3.4		12.6	61			42
	7461146B983	David Smith	410=1	5/05/06-NRCS	EQIP	\$0.00	7/31/06	1	\$6,000.00	\$6,000.00	\$12,742.00	2.3	2.3		52.7	115			68
	7461146B983	David Smith	638=1	5/05/06-NRCS	EQIP	\$0.00	7/31/06	1	\$2,956.60	\$2,956.60	\$2,956.70	2	2		23.7	36			16
	7461146A973	Sam Voss	638=1	4/05/06-NRCS	EQIP	\$0.00	7/7/06	1	\$1,827.27	\$1,827.27	\$1,827.27	1	1		6.5	7			4
	7461146A973	Sam Voss	410=1	4/05/06-NRCS	EQIP	\$0.00	7/7/06	1	\$2,893.75	\$2,893.75	\$2,893.75	1	1		6	50			47
	7461146A973	Sam Voss	410=1	4/05/06-NRCS	EQIP	\$0.00	7/7/06	1	\$4,408.91	\$4,408.91	\$4,408.91	1	1		11.3	95			88
	7461146A861	Edward Dillman	600=800 ft.	4/05/06-NRCS	EQIP	\$0.00	4/24/06	800 ft.	\$2,152.71	\$2,152.71	\$2,152.71	4	3		4	11			1
	7461146D086	William Offenburger	600=900 ft.	4/21/06-NRCS	EQIP	\$0.00	4/27/06	900 ft.	\$1,248.86	\$1,248.86	\$1,248.86	8	6		2	14			3
	7461146D086	William Offenburger	600=400 ft.	4/21/06-NRCS	EQIP	\$0.00	4/27/06	400 ft.	\$1,164.06	\$1,164.06	\$1,164.06	6	4		2	8			1
	7461146C701	James Whitham	410=1	4/05/06-NRCS	EQIP	\$0.00	9/6/06	1	\$5,743.05	\$5,743.05	\$1,914.35	1	1		11.2	23			19
TOTALS						\$14,151.94			\$207,892.08	\$207,892.08	\$125,507.53				977.1	2368	0	0	1423



Whitebreast Watershed Association

October 4, 2006

To: Whitebreast Watershed Association Board

From: Anne Hildebrand, Project Coordinator

Subject: Semi-Annual Meeting

The next Whitebreast Watershed Association Board meeting will be held on Wednesday November 8, 2006 at the Lacona Community Hall in Lacona, IA. The meeting will begin at 7 p.m.

Along with our regular business items we will be discussing the following subjects:

- Review of the 28E Joint Agreement and Association By-Laws
- Direction of the Whitebreast Creek Watershed Project
- Commitment of the Whitebreast Watershed Association

This meeting is very important as the results will impact the future of the Whitebreast Watershed Project. I understand that this is a very busy time of year but it is necessary that we meet as soon as possible because the direction of the Whitebreast Project is being required to change.

I hope you all can attend.

The meeting's agenda is attached.

Please let me know if you have any questions and if you will be able to attend.

My office number is 515-961-5264 and my email is anne.hildebrand@ia.nacdn.net

Thank you ☺

Officers

President – Duane Ohnemus, Warren County
Vice President – Arnold Schneider, Lucas County
Secretary – Alan Mathias, Clarke County

Members

J.B. Hamilton, Clarke County
Kim Francisco, Lucas County
Don Cummings, Marion County
Harold Wachter, Warren County
Jack Bensink, Marion County (Alt.)
Bob Sandy, Warren County
Don Reasoner, Clarke County (Alt.)

Helmut Mueller, Clarke County
Clarence Gee, Lucas County
Howard Pothoven, Marion County
Jim McCoy, Marion County (Alt.)
Dan Dittmer, Warren County (Alt.)
Jack Cooley, Clarke County (Alt.)

Whitebreast Creek Watershed Association Semi-Annual Meeting Agenda

November 8, 2006 (Wednesday)

Location: Lacona - Lacona Community Hall

Meeting at 7 p.m.

Call Meeting to Order

Agenda, Minutes, Treasurer's Report

1. Adopt agenda M____ S____
2. Consider approval of minutes from January 26, 2006 meeting. M____ S____
3. Treasurer's Report M____ S____

Reports

1. Whitebreast Coordinator Update - Anne Hildebrand

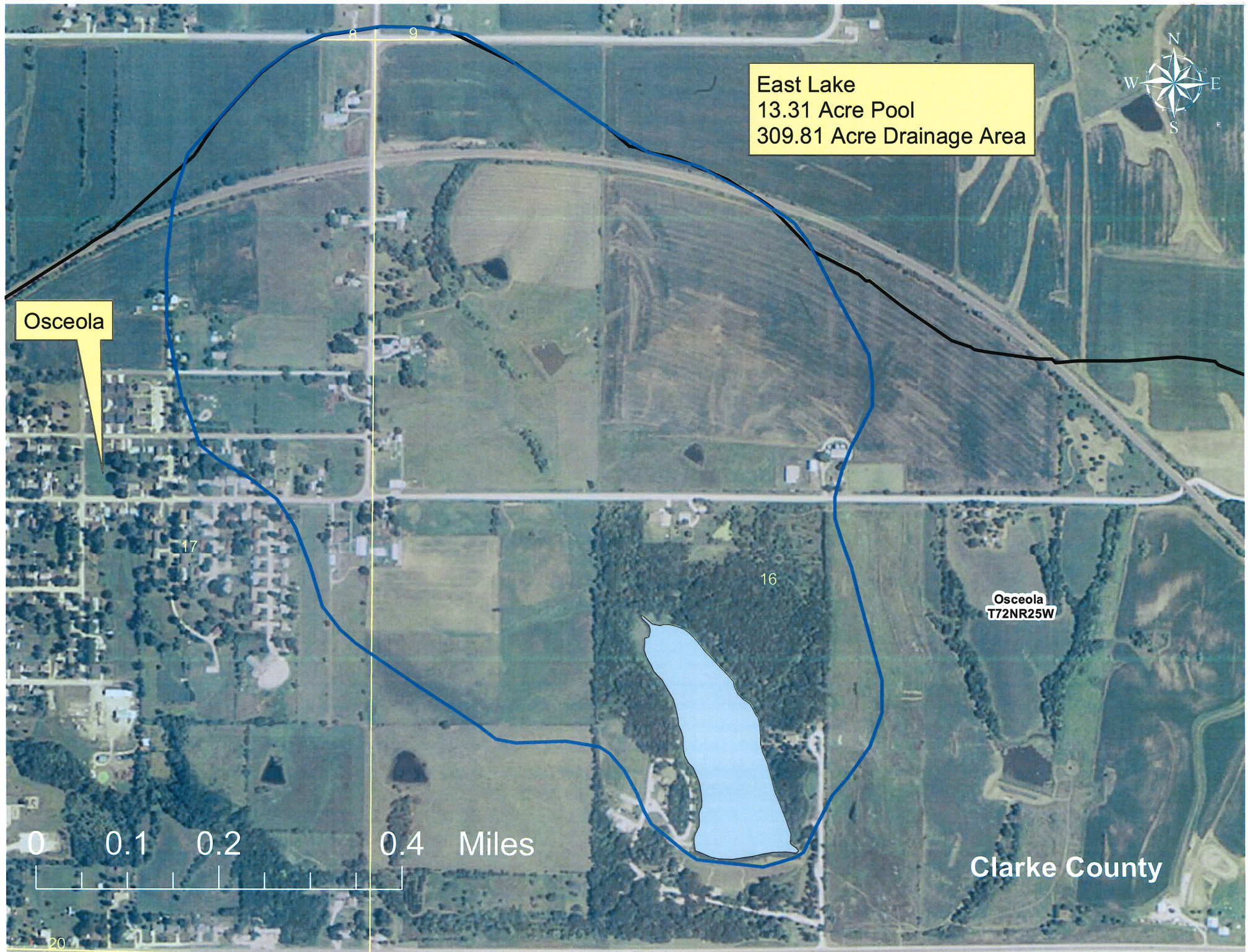
New Business

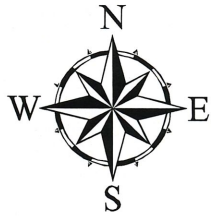
1. IRS Tax Return for Tax Exempt Organizations M____ S____

Other Business

1. Review of 28E Agreement and WWA By-Laws
2. Direction of the Whitebreast Creek Watershed Project
3. Commitment of the Whitebreast Watershed Association
4. Other Issues/Comments
5. Next meeting will be held on January 11, 2007
 - a. County Board of Supervisor Representative Appointment
6. Adjourn M____ S____

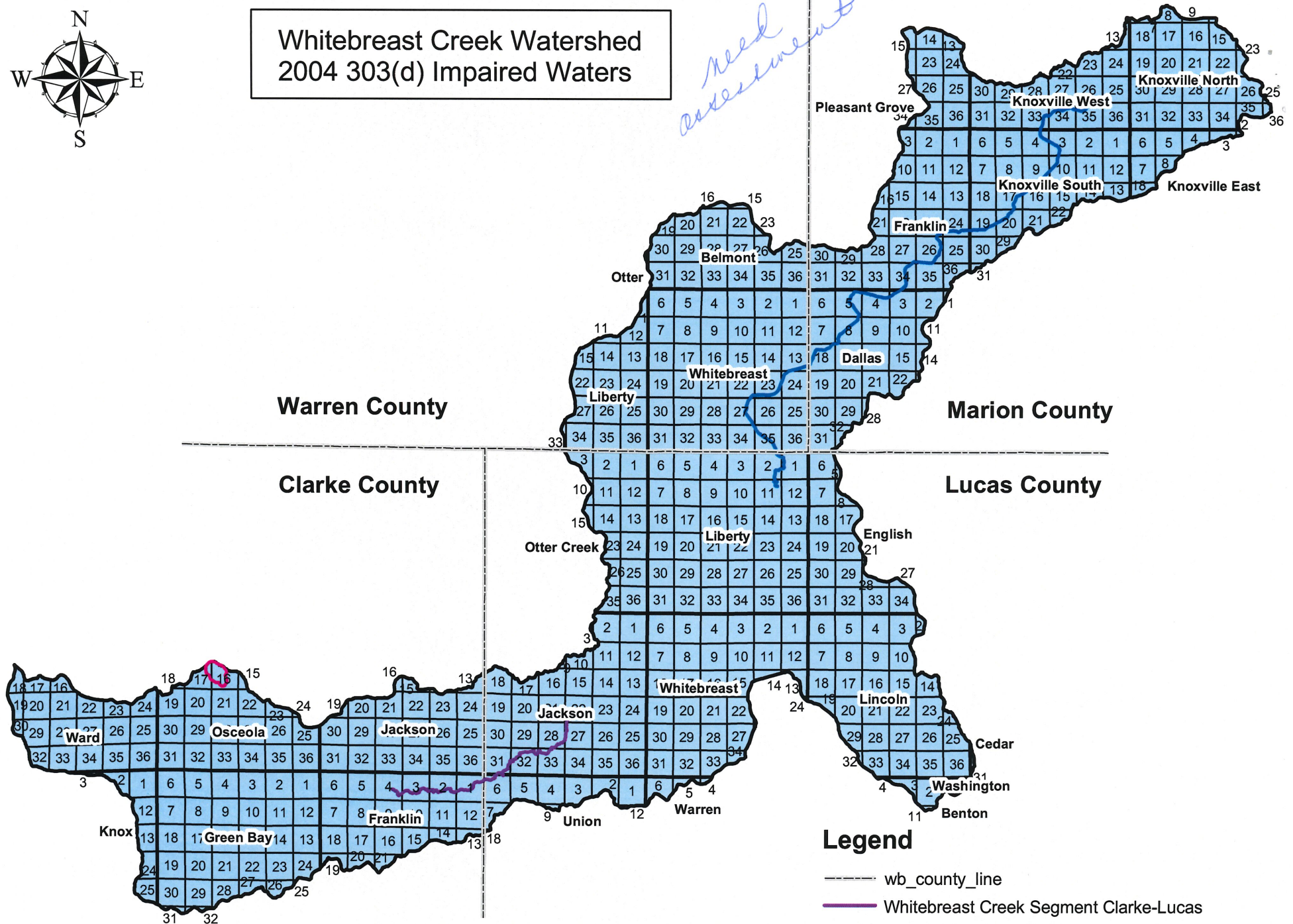
Title	LAST NAME	FIRST NAME	ADDRESS1	ADDRESS2	CITY	STATE	ZIP	COUNTY	HOME	OFFICE
Clarke BOS Rep	Hamilton	JB	P O Box 431		Osceola	IA	50213-0431	Clarke	641-342-3004	
Secretary-Clarke At-Large	Mathias	Alan	900 Smith Street		Woodburn	IA	50275-8025	Clarke	641-342-7023	641-342-6654
Clarke SWCD Rep	Mueller	Helmut	2524 Idaho Street		Osceola	IA	50213-8365	Clarke	641-342-3480	
Clarke BOS (Alternate)	Reasoner	Don	100 S Main	Clarke County Courthouse	Osceola	IA	50213-1293	Clarke		641-342-4256
Clarke At-Large (Alternate)	Cooley	Jack	100 S Main	Clarke County Courthouse	Osceola	IA	50213-1293	Clarke		641-342-4256
Lucas At-Large	Francisco	Kim	47753 127th Ave		Lucas	IA	50151	Lucas		
Lucas BOS Rep	Gee	Clarence	916 Braden Ave	Lucas County Courthouse	Chariton	IA	50049-1700	Lucas		641-774-2018
Vice President-Lucas SWCD Rep.	Schneider	Arnold	57495 230th TRL		Lacona	IA	50139-9603	Lucas	641-862-3841	
Marion SWCD Rep (Alternate)	Bensink	Jack	798 Hwy G40		Pleasantville	IA	50225-7642	Marion	515-848-3769	
Marion SWCD Rep	Cummings	Don	608 Lisbon		Pleasantville	IA	50225-7628	Marion		
Marion At-Large	McCoy	Jim	1628 - 70th Ave		Dallas	IA	50062-8539	Marion	641-842-2678	
Marion BOS Rep	Pothoven	Howard	214 E Main	Marion County Courthouse	Knoxville	IA	50138-2545	Marion		641-828-2231
Warren BOS or SWCD Rep (Alternate)	Dittmer	Dan	2028 - 240th Ave		Lacona	IA	50139-9225	Warren	641-534-4162	
President- Warren SWCD Rep	Ohnemus	Duane	2162 G58 Hwy		Milo	IA	50166-9663	Warren	641-942-6500	
Warren BOS Rep	Wachter	Harold	2169 Quebec		Milo	IA	50166-9697	Warren	641-534-4710	
Warren At-Large	Sandy	Bob	Warren County Supervisors	301 N Buxton	Indianola	IA	50125	Warren	515-961-4164	





Whitebreast Creek Watershed 2004 303(d) Impaired Waters

Need assessment



Legend

- wb_county_line
- Whitebreast Creek Segment Clarke-Lucas
- White Breast Creek Segment Lucas-Warren-Marion
- East Lake Drainage Area

WHITEBREAST CREEK WATERSHED PROJECT

MONTHLY REPORT FOR AUGUST 2006

Project Name: Whitebreast Creek Watershed Project

Project Number: 091-1.07

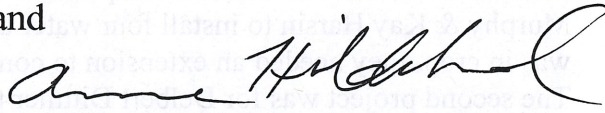
Reporting Period: August 1, 2006 – August 31, 2006

Soil and Water Conservation District: Warren, Clarke, Lucas, and Marion

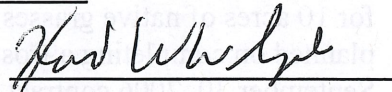
Date Report Prepared: September 11, 2006

Reporting Individual: Anne Hildebrand

Signature of Reporting Individual:



Signature of Warren Co. SWCD Commissioner:



Whitebreast Creek Watershed Project Monthly Report for August 2006
Anne Hildebrand, Project Coordinator

- I. Planning; Work Activities; Major Accomplishments; Public Information; BMPs Initiated or completed, Status of activities scheduled for completion; Scheduled Activity Progress:

Activities:

Project Coordinator

- Completed the July and created a new project administration spreadsheet for the 2007 state fiscal year.
- Completed the mandatory USDA Privacy Training. Certificate attached.
- Sent a letter to Cathie Graves requesting that the EPA-319 contract year be extended to December 31, 2006 in order to complete two projects. The first project was for Don Murphy & Kay Harsin to install four water and sediment control basins. Since their land was in crop, they needed an extension to complete the work after September 30, 2006. The second project was for Delbert Dittmer to complete a pasture and hayland planting for 10 acres of native grasses and 40.5 acres of cool season grasses. Since Delbert planned on completing a frost seeding, the project required an extension past the September 30, 2006 contract year end.
- Attended the Warren County SWCD meeting on August 8th and the Clarke County SWCD meeting on August 9th. At the Warren SWCD meeting, the board approved the letter to Cathie Graves requesting that the 319 contract year be extended to December 31, 2006. The Warren SWCD also unanimously moved to draft a "rousing" letter on behalf of the Whitebreast Creek Watershed to Jeff Zimprich, Area 4 Assistant State Conservationist (FO), in support of and highlighting the watershed as a high priority for Warren County. At the Clarke County SWCD meeting, a draft letter of support to Jeff Zimprich on behalf of the Whitebreast Creek Watershed was brought before the board. The board requested that the letter be re-written and brought before them at the September SWCD meeting.
- Rebecca Schwiete from the DNR called and suggested that another letter be written requesting that the unspent FY06 319 funds be rolled over to the FY07 fiscal year because it would make accounting difficult to extend the current contract year to December 31, 2006. Another letter was drafted and will be brought before the Warren County SWCD commissioners at the September meeting for approval and signature
- Drove to Kenneth Marker's property to GPS the structure that was built with FY06 WSPF. The GPS points were then uploaded into ArcMap.

- Continued to enter FY2006 projects into ArcMap and Toolkit and work on RUSLE calculations.
- Assisted the Indianola NRCS office by answering phone calls and helping out at the counter.
- Conducted a meeting in Indianola to develop the ranking sheet for the FY07 Whitebreast cost-share. Those in attendance were: Jeff Matthias (Lucas County DC), Nick Morrell (Warren County DC), Jay Jung (Marion County DC), Dennis Schrodt (Clarke County DC), Sarah Zimmerman (Warren County SC), and Vince Sitzmann (Regional Coordinator). It was decided to lower the cost-share rate to 50% due to an incomplete assessment and the planning of a future assessment. A copy of the ranking sheet is attached.
- Created and sent out the invitations for the Whitebreast Creek Watershed FY06 Annual Review. The review is being held at the Annette Nature Center on September 21, 2006 at 1:00 pm.
- Sent out the announcement for the 9th Whitebreast Creek Watershed Snapshot Event. The event is being held on Saturday September 30th from 8-Noon. The announcement is attached.
- Attended the Introduction to Soil Survey – Level 1 in Indianola from August 22-24. Agenda attached.
- Attended the CDI Region 6 meeting on Monday August 28, 2006. Agenda attached.
- Assisted Chuck Abel (Warren County State Tech) with the layout of a basin for Don Pochter's Whitebreast EQIP contract. Pre-construction information was taken for the Sediment Delivery Calculator.
- Began to fill out the required NRCS background check information.
- Received a phone call from Mark Frazier, Silver Oak Capitol Corporation. Mark resides in California and was interested in installing a structure land that is being used for quail restoration. The land lies in Lucas County and the Lucas county field office was contacted for more information about the land. Options for Mark are still being researched.



United States Department of Agriculture

Certificate of Excellence

is hereby granted to

Anne Hildebrand

for successfully completing the following training:

Privacy

Granted on: **July 31, 2006**

Please retain this certificate for your records.

[illegible]

9/11/2006 1 of 1 Version 2M

[illegible]

9/12/2006 1 of 1 Version 2M

Whitebreast Creek Watershed Application Evaluation Worksheet

Name: _____ County: _____
Practice: _____ Farm #: _____ Tract: _____

Points:

A. Critical Area Consideration:

1. Will the practice(s) treat all of the critical area? _____

Critical area (land eroding at 9 tons/acre/year or more shown in red or from current RUSLE2 calculations) within the priority subwatersheds.

Ex. 100% treatment = 100 points. (100 points maximum, less than 50 points ineligible)

B. Cropland or Pastureland Rating System (Rank for cropland or pastureland, not both)

List all practices but only award points to primary practice. Circle point amount.

1. Cropland	Estimated Practice Amount	
a. Grade Stabilization Structure	_____	10
b. Contoured Narrowbase Terrace	_____	7
c. Contoured Grassback Terrace	_____	6
d. Contoured Modified Narrowbase Terrace	_____	4
e. Contoured Broadbase Terrace	_____	3
f. Water and Sediment Control Basin	_____	2
g. Grassed Waterway	_____	1

2. Pastureland	Estimated Practice Amount	
a. Grade Stabilization Structure	_____	10
b. Water and Sediment Control Basin	_____	7
c. Grassed Waterway	_____	6

Total Points (A & B)*: _____

Tie Breaker:

Sediment Delivery Reduction
(Greatest reduction ranks first)

_____ tons/year

Rank: _____

Total Estimated Cost: \$ _____

Date: _____

Technician: _____

***No points given to land conversion from pastureland to cropland.**

Cost-share rates on practices are **50%**

Whitebreast Creek Snapshot Day

**Join us for the 9th Whitebreast Creek
Fall Snapshot Day on Saturday September 30th!**

**Volunteer to help with water quality sampling in the Whitebreast Creek
Watershed.**

<u>Snapshot Day:</u> Saturday, September 30 th 8 a.m. – Noon Local meeting points in Knoxville, Lacona or Woodburn		<u>Snapshot Training:</u> Training will be scheduled upon request. Please call if training is required
---	---	--

The data gathered will give us a “snapshot” of the current conditions in the watershed. Over 70 sites in Clarke, Lucas, Marion, and Warren counties will be sampled. Tests include phosphate, nitrate, nitrite, chloride, bacteria, and sediment levels.

Sponsored By:

IOWATER



Whitebreast Creek
Watershed Association

 **NRCS** Natural Resources
Conservation Service

For More Information or to Volunteer
Anne Hildebrand, Whitebreast Coordinator
(515)961-5264
anne.hildebrand@ia.nacdnet.net
or
Your Local SWCD/NRCS Office

Please Register for the Snapshot and/or Training by September 15th!!!!

INTRODUCTION TO SOIL SURVEY – LEVEL 1

Participants will learn how to utilize Soil Survey information for making effective land use and management decisions. Emphasis will be on how to use a Soil Survey, contents and formats of a published report, digital soil data and how the information is developed and obtained. Field exercises will provide the participants with hands on experience in observing and describing soil properties and data collection methods for soil survey updates. Also an introduction to soil formation (genesis), air photo interpretation and remote sensing will be given.

AGENDA INTRODUCTION TO SOIL SURVEY – LEVEL 1 INDIANOLA, IOWA AUGUST 22-24, 2006

Tuesday August 22

1:00 – 1:15	Welcome to Indianola	Ceolla, Morrell
1:15 – 2:00	Introductions, Course Objectives, Schedule and Pretest	Ceolla
2:00 – 2:30	Soil Survey – Mission, Goals & Objectives	Bednarek
2:30 – 2:45	Break <i>Soil Survey Program TAB</i>	
2:45 – 3:15	Definitions	Ceolla
3:15 – 3:45	Using a Soil Survey Report - Contents	Ceolla
3:45 – 4:30	Soil Genesis in Iowa <i>CLOBPT</i>	LaVan
4:30 – 5:00	Soil Morphology	LaVan

Wednesday August 23

7:30 – 8:15	Making a Soil Survey Report / Soil Survey Update Process	Ceolla/LaVan
8:15 – 8:45	Air Photo Interpretation/Remote Sensing for Soil Survey <i>soils.usda.gov - education</i>	Bednarek
8:45 – 9:00	Textural Classification System <i>OSDs</i>	Bednarek
9:00 – 10:00	Using a Soil Survey Report / Exercise	Ceolla
10:00 – 10:15	Break – Leave for Field Exercise	
10:30 – 12:00	Field Exercise (Soil Quality Test Kit Demonstration & Soil Texture Exercise)	Ceolla, LaVan, Bednarek,
12:00 – 1:00	LUNCH	
1:00 – 4:30	Field Exercise (Soil Profile Descriptions)	Ceolla, LaVan, Bednarek,

**Thursday
August 24**

7:30 – 8:15	EFOTG Section II – Soil Interpretations & Soil Data Mart	LaVan
8:15 – 9:00	Soil Interpretation Exercise	Bednarek
9:00 – 9:30	Accessing & Understanding Digital Soils Information/Soil Data Mart	Ceolla
9:30-9:45	BREAK	
9:45 – 10:30	SoilView	Bednarek
10:30 – 11:00	Question & Answer Session & Level II Agenda	Instructors
11:00 – 12:00	Post test, Course Evaluation, Closing	Ceolla

Judy

WHITEBREAST CREEK WATERSHED PROJECT MONTHLY REPORT FOR MAY 2006

Project Name: Whitebreast Creek Watershed Project

Project Number: 091-1.06

Reporting Period: May 1, 2006 – May 31, 2006

Soil and Water Conservation District: Warren, Clarke, Lucas, and Marion

Date Report Prepared: June 13, 2006

Reporting Individual: Anne Hildebrand

Signature of Reporting Individual: Anne Hildebrand

Signature of Warren Co. SWCD Commissioner: Ralph J. Mendenhall

Whitebreast Creek Watershed Project Monthly Report for May 2006
Anne Hildebrand, Project Coordinator

I. Planning; Work Activities; Major Accomplishments; Public Information; BMPs Initiated or completed, Status of activities scheduled for completion; Scheduled Activity Progress:

Activities:

Project Coordinator

- Completed the April monthly report and updated the Project Administration Spreadsheet.
- Completed and turned in the Whitebreast Creek Watershed Project's FY2007 WPF/WSPF/EPA-319 supplemental funding request.
- Spoke with Alan Lauver (Iowa NRCS Economist) about the best way to figure a cost-benefit analysis for practices completed by the Whitebreast Project.
- Attended a conference call between Nick Morrell (Warren Co. DC), Jay Jung (Marion Co. DC), Jeff Matthias (Lucas Co. DC), and Dennis Schrodtt (Clarke Co. DC) to reallocate unspent Whitebreast EQIP dollars. It was decided that Marion County and Lucas County would divide the unspent funds between the two counties.
- Attended the Urban Stewards Alliance meeting at the Ankeny Service Center. The first presented was Mike Hawkins of the Iowa DNR's Fisheries Bureau in Storm Lake. Mike talking about using LiDAR as a watershed assessment and planning tool. Then Kate Bussanmas and Adamn Kiel of the Iowa DNR GIS staff demonstrated the use of tablet computers and PDAs to complete GIS assessments of watersheds.
- Prepared for and attended a meeting at the Red Rock Corps of Engineers Office. Those in attendance were: John Holt (U.S. Army Corps), Sherri Duey (U.S. Army Corps), Jay Jung (Marion Co. DC), and Will Prather (Red Rock Lake Assn.). At the meeting I presented information about the Whitebreast Creek Watershed Project's funding sources, funding history, HEL acres within the watershed, and a cost-benefit analysis for grade stabilization structures and terraces.
- Presented at the Warren County Field Day at the Annette Nature Center. Vince Sitzmann and I taught the students about watersheds, water quality, the water cycle, urban pollution sources, storm sewer drainage, and macro invertebrates. There were 100 4th grade students at the field day.
- Attended the Warren, Clarke, Lucas and Marion SWCD meetings where information about project activities and the project's future were presented.

- Conducted site checks for the 8th Whitebreast Creek Watershed Snapshot day. The sites to be sampled, group numbers and names were sent to Katie Foreman (IOWATER Snapshot Coordinator).
- Submitted the year end WSPF fund obligation spreadsheet to Mike Franklin at DSC.
- Assisted the Indianola NRCS office by answering phone calls and helping out at the counter.

WHITEBREAST CREEK WATERSHED PROJECT MONTHLY REPORT FOR APRIL 2006

Project Name: Whitebreast Creek Watershed Project

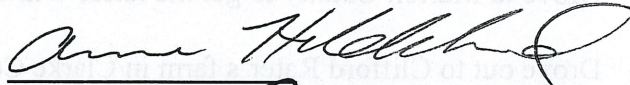
Project Number: 091-1.06

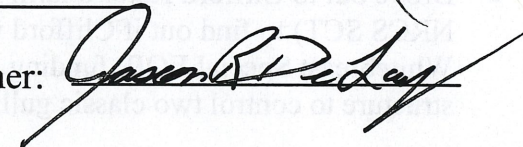
Reporting Period: April 1, 2006 – April 30, 2006

Soil and Water Conservation District: Warren, Clarke, Lucas, and Marion

Date Report Prepared: May 9, 2006

Reporting Individual: Anne Hildebrand

Signature of Reporting Individual: 

Signature of Warren Co. SWCD Commissioner: 

Whitebreast Creek Watershed Project Monthly Report for April 2006
Anne Hildebrand, Project Coordinator

- I. Planning; Work Activities; Major Accomplishments; Public Information; BMPs Initiated or completed, Status of activities scheduled for completion; Scheduled Activity Progress:

Activities:

Project Coordinator

- Completed the March monthly report, the January though March quarterly report, and updated ledgers.
- Completed a survey from the Iowa State University Extension Sociology Department for the Heartland Watershed (lower Coal Creek – South River). Nick Morrell (Warren Co. NRCS DC) gave them my name.
- Drove to Marion County to get the latest Whitebreast Creek cost-share files.
- Drove out to Clifford Rater's farm in Clarke County with Lori Schwalbe (Clarke Co. NRCS SCT) to find out if Clifford was interested in completing a project with the Whitebreast Special EQIP funding. Clifford was interested in a grade stabilization structure to control two classic gullies and provide water for his cattle.
- For several days calls were made to landowners located within the priority subwatersheds in Clarke County to inform them of the available Whitebreast EQIP Special Project funding and what practices could be funded. Many landowners were interested but not for this fiscal year. Due to the phone calls, three field visits were scheduled. Chuck Abel (Warren Co. ST) assisted with the field visits. None of the landowners who were visited were interested in signing up for funding.
- Worked on the EPA-319/WSPF/WPF supplemental funding request for FY2007.
- Attended the sediment delivery calculator training at the Osceola NRCS field office on April 21st. Other topics that were covered were the updated project administration spreadsheet and the demonstrations of the tablet computer and RASCAL GPS unit used for watershed assessments. (agenda attached)
- Attended the NRCS Compliance Training at 3 Mile Lodge north of Afton. (agenda attached)
- Began researching about different activities for 4th grade students at the Warren County Field Day on the topic of water quality.



IOWA DEPARTMENT OF AGRICULTURE AND LAND STEWARDSHIP

PATTY JUDGE
SECRETARY OF AGRICULTURE

April 14, 2006

To: Project Coordinators

From: Jim Gillespie, Field Services Bureau Chief, IDALS-DSC
Ubbo Akena, Nonpoint Source Program Coordinator, DNR

Handwritten signatures of Jim Gillespie and Ubbo Akena in black ink.

Re: Sediment Delivery Calculator Training (April 17th - 21st)

The purpose of this memo is to remind those Coordinators planning to attend any of the training sessions to bring 2-4 example BMPs that were recently applied within their project area, since the bulk of the training will involve entering these examples into the various calculators. Much of the data needed can be found on the various cost share forms and materials generated during the design process. You can also review the help guidance that was distributed to assist you in determining the appropriate materials to bring with you. (maps, drainage areas, etc..). Also included is an agenda, as well as the addresses of the various training session locations.

9:00 – 9:05 Welcome & Introduction

9:05 – 9:45 Project Administration Spreadsheet Update

9:45 – 10:45 Sediment Delivery Calculator Overview

- Program Overview
- Review Individual Calculators (terrace, streambank, management practices, sediment control structure, waterway, buffer)

10:45 – noon Sediment Delivery Calculator- Work time

- Opportunity to complete calculations on individual BMP examples brought in by Project Coordinators

Noon – 1:00 Lunch on your own

1:00 – 2:30 Sediment Delivery Calculator- Work time

- Explore alternative uses of the various calculators
- Opportunity to complete additional calculations on individual BMP examples brought in by Project Coordinators

2:30 – 3:00 RASCAL & Tablet Computer Demos (for those interested)

- RASCAL PowerPoint
- Computer Tablet Demonstration

Henry A. Wallace Building • Des Moines, Iowa 50319 • 515-281-5321

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HEL Compliance Issues

1) Sodbuster –

- a. Native Vegetation Issue
 - i. 7 CFR Part 12
 - ii. Section III Iowa Tech guide revised in 1997
 - iii. Section III Iowa Tech guide Jan 2006 Revision
 - iv. Agronomy Tech Note No. 29 – Dominant Critical Map Unit

2) HEL Map Unit Selection

- a. Use the Predominant HEL Map Unit (P HEL MU) – this is map unit not slope group!
This is the map HEL map unit with the greatest acres in the field or highest percentage of the field.
This has Nothing to do with Dominant Critical map unit!

3) Determining the acceptable level of erosion - base on Predominant HEL Map Unit

- i. For true sodbuster fields – plan to ‘T’ for P HEL MU
- ii. For non-sodbuster fields not included in an approved plan prior to 7/3/1996 – plan to 75% of PE or 2‘T’ for the P HEL MU
- iii. For non-sodbuster fields included in an approved plan prior to 7/3/1996 – plan to ACS for the P HEL MU

Status Review Procedures

1) Decisions on Ephemeral Erosion

- a. What is Ephemeral Erosion
- b. What constitutes compliance -
 - i. Use of waterways
 - ii. Use of other methods
- c. What constitutes non-compliance – day of status review conditions.

2) Decision on Approved Conservation System

Compare to approved conservation plan in the case file.

- a. Following the Approved Conservation Plan in folder – **yes** (AU)
- b. Following the Approved Conservation Plan in folder – **no** compare to ACS

Compare to minimum ACS erosion level using RUSLE2 for predominant HEL map unit for that field.

- c. Meets minimum ACS erosion level for HEL map unit – **yes** (AU)
- d. Meets minimum ACS erosion level for HEL map unit – **no** (NA)

Discussion of Dominant Critical Map Unit:

WHITEBREAST CREEK WATERSHED PROJECT MONTHLY REPORT FOR JULY 2006

Project Name: Whitebreast Creek Watershed Project

Project Number: 091-1.07

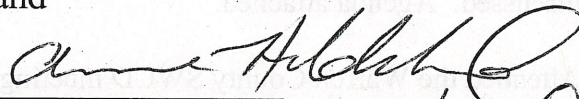
Reporting Period: July 1, 2006 – July 31, 2006

Soil and Water Conservation District: Warren, Clarke, Lucas, and Marion

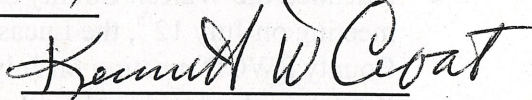
Date Report Prepared: August 8, 2006

Reporting Individual: Anne Hildebrand

Signature of Reporting Individual:



Signature of Warren Co. SWCD Commissioner:



Whitebreast Creek Watershed Project Monthly Report for July 2006

Anne Hildebrand, Project Coordinator

- I. Planning; Work Activities; Major Accomplishments; Public Information; BMPs Initiated or completed, Status of activities scheduled for completion; Scheduled Activity Progress:

Activities:

Project Coordinator

- Completed the June monthly report, the quarterly report for April through June, and updated the Project Administration Spreadsheet.
- Prepared for and presented the history of the Whitebreast Creek Watershed Project at the Whitebreast meeting held at Lake Red Rock. The other presenters were Steve Edwards (Marion County Conservation Board) and John Holt (Red Rock Corps of Engineers). Issues regarding project focus, a new assessment, and the future of the project were discussed. Agenda attached.
- Attended the Warren County SWCD meeting on July 11th, the Clarke County SWCD meeting on July 12th, the Lucas County SWCD meeting on July 17th, and the Marion County SWCD meeting on July 27th. The request from Jeff Zimprich (Area 4 AC) at the Whitebreast meeting held at Lake Red Rock to find out if the counties viewed the Whitebreast Project as a priority in their counties was conveyed at the SWCD meetings. All the SWCDs agreed that the Whitebreast Project was a priority and they agreed to write letters of their support for the Project to Jeff Zimprich.
- Met with Aaron Pickens (Rathbun Project Coordinator) at the Chariton NRCS office to receive training on how to calculate RUSLE. Aaron demonstrated how he used NRCS Toolkit as well as the RUSLE tables from the NRCS Field Office Technical Guide to calculate RUSLE.
- Went out with Chuck Abel (Warren Co. State Tech) to GPS Bob Goode's structures and waterways, which were completed with FY06 WSPF funding, with the Garmin and GPS pack. The GPS points were then uploaded into ArcMap.
- Prepared handout materials and a display for the Warren County Fair about the Whitebreast Creek Watershed Project.
- Assisted the Indianola NRCS office by answering phone calls and helping out at the counter.
- Met with Kate Bussanmas (DNR GIS) in Indianola to go through the assessment data left from when Nick Walters worked for the Project. Kate wanted to have some definitive data to report back to Ubbo regarding Whitebreast's progress with the previous

assessment. Kate and I also discussed the information I would need to have ready for the DNR in order for them to complete their sediment delivery reduction calculations. Kate said that she would get back to me after she spoke with Ubbo.

- Drove to the Osceola NRCS office to go through current cost-share applications to see if there were landowners who would be eligible for FY07 Whitebreast cost-share. I also sat down with Judy Weinkoetz and Lori Schwalbe to discuss where the current Whitebreast priority areas were, and that I would not be able to allocate new Whitebreast FY07 cost-share until I had met with all the DCs.
- Worked on RUSLE calculations and the digitization of FY06 projects into ArcMap.

You're invited to join us in conserving Lake Red Rock, "Whitebreast Watershed Project."

Where: Whitebreast Recreation Area

When: July 11th, @ 10:00am

Cost: \$6.00 for meal, grilled by Marion County Cattlemen's Association

Agenda

10:00-11:00 Whitebreast Watershed Coordinator Anne Hildebrand
"Whitebreast Overview, Where we have been and where we are going."

11:00 – 11:10 Break

11:10 – 12:00 Lake Red Rock Manager John Holt/Sheri Dewey
"Pressing issues from the Corps perspective"

12:00 – 1:00 Lunch/Social
Grilled by Marion County Cattlemen's Association

1:00 – 1:30 Lake Red Rock Manager Sheri Dewey/CCB Steve Edwards
"Cordova Project Overview"

1:30 – 3:00 Roundtable Discussion, Brainstorming, Goal Setting

3:00 – 3:30 Closing

***3:30 - ?** Boat Ride around Lake Red Rock/ (Will Prather Tour Guide)

Please RSVP by July 7th so we can make arrangements for lunch. Please also indicate if you would be interested in a pontoon ride around the lake.

* Depends on the interest of this event.

[illegible]

TOTALS	\$0.00	\$2,496.30	\$2,496.30	\$832.10	3	0	0	0	0
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WHITEBREAST CREEK WATERSHED PROJECT MONTHLY REPORT FOR MARCH 2006

Project Name: Whitebreast Creek Watershed Project

Project Number: 091-1.06

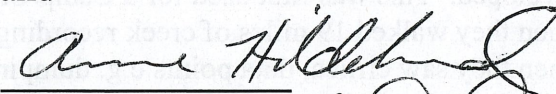
Reporting Period: March 1, 2006 – March 31, 2006

Soil and Water Conservation District: Warren, Clarke, Lucas, and Marion

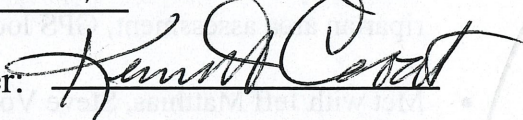
Date Report Prepared: April 11, 2006

Reporting Individual: Anne Hildebrand

Signature of Reporting Individual:



Signature of Warren Co. SWCD Commissioner:



Whitebreast Creek Watershed Project Monthly Report for March 2006

Anne Hildebrand, Project Coordinator

- I. Planning; Work Activities; Major Accomplishments; Public Information; BMPs Initiated or completed, Status of activities scheduled for completion; Scheduled Activity Progress:

Activities:

Project Coordinator

- Completed the February monthly report and updated ledgers.
- Attended the Urban Stewards Alliance Meeting in Ankeny on March 1, 2006. Susan Heathcote, Research Director of the Iowa Environmental Council, and Deb Ryun, Executive Director of Conservation Districts of Iowa, discussed the WIRB project selection process and answered questions. Also, Jeff Phillips of Barker Lemar Engineering Consultants presented a watershed assessment software/hardware tool they developed. This was first used for a Camp Creek watershed assessment last October when they walked 19 miles of creek recording information every 100 feet as well as when they saw critical data points e.g. dumping. The data included a stream bank and riparian area assessment, GPS location, and photographs.
- Met with Jeff Matthias, Steve Voltmer, and Diane Lowery on March 3, 2006 in Chariton to go over what information Jeff needed to bring to the DC meeting on the 13th and the future direction of the Whitebreast Creek Watershed Project.
- Met with Dennis Schrodtt and Lori Schwalbe on March 10, 2006 in Osceola to go over what Clarke County needed to bring to the DC meeting in Indianola the following Monday.
- Attended the Ag & Environment Conference at the Scheman Building in Ames on March 7, 2006. The morning sessions dealt with the subject of how tillage and land use changes affect nutrient loss. The morning concurrent sessions that were attended dealt with management strategies to improve water quality and the status of CRP and options. The afternoon plenary session dealt with the subject of conservation systems. The afternoon concurrent sessions that were attended dealt with grazing management, conservation adaptation history in two CEAP watersheds, and the use of plants for field-scale conservation.
- Attended the Water Quality and Watershed Project Coordinator's Meeting in Ames on March 8, 2006. The meeting dealt with many subjects such as the administrative spreadsheet, the sediment delivery calculator, and the revised plan of operations.

- Attended the Warren and Marion County SWCD meetings where a report of project activities such as the Whitebreast EQIP Special Project funding was given.
- Conducted a DC meeting in Indianola on March 13, 2006 to discuss the Whitebreast EQIP Special Project funding. Attendees were: Cathie Graves, Anne Hildebrand, Vince Sitzmann, Jeff Matthias, Nick Morrell, Dennis Schrodt, Mike Lewitke, Steve Voltmer, Jack Bensink, and Jeff Zimprich (via phone). Each DC brought a list of EQIP applications in the priority subwatersheds and the division of funds between the counties was discussed. It was decided that landowners would be offered the 50% cost-share from EQIP with no piggyback from WSPF. (agenda attached)
- Continued to work on the Whitebreast Creek Watershed Comprehensive Interim Report and update GIS layers.
- Assisted the Indianola NRCS office by answering phone calls and helping out at the counter.
- Attended the stakeholder meeting for the Atrazine watershed mitigation program for Chariton CWS Lakes Ellis and Morris watersheds held by Syngenta Crop Protection, Inc on March 20, 2006. The water monitoring results from Lake Morris and Ellis have continued to show that atrazine levels have been below the 3.0 ppb (National Drinking Water Standard). Syngenta is working to take Lake Morris off of the EPA 303(d) Impaired Waters List.
- Met with John Holt (U.S. Army Corps), Sherry Duey ((U.S. Army Corps), and Will Prather (Red Rock Lake Association) at the Lake Red Rock Army Corps of Engineers office. The Corps is working on a study of the benefit of Lake Red Rock to Iowa. Will requested simplified numbers to be given to the public and what sources funded the Whitebreast Project Coordinator. John Holt requested the cost per ton of soil erosion reduction in the Whitebreast Creek Watershed. Concerns about accuracy of results were expressed and more discussions will be conducted at the next meeting scheduled for May 4, 2006.
- Met with Vince Sitzmann to discuss the Whitebreast Project Application for FY2007. The project assessments for sediment delivery and gulley erosion were discussed with Adam Kiel and Chris Ensminger from DNR.
- Met with Don Pochter to discuss what practices he would be interested in installing with the Whitebreast EQIP funding.
- Received \$16,303.80 in supplemental funding that was requested from the Division of Soil Conservation to install terraces in Marion County. (letter attached)
- Spent a day in Osceola finding landowners in the priority subwatersheds to see if they would be interested in having an EQIP contract.

FFY2005 Allocation Watershed Protection Fund Expenditures Report Through:					March 31, 2006	
Project:	Whitebreast Creek Watershed Project					
DSC No.	091-1.06					
SWCD:	Warren, Clarke, Lucas, Marion					
Reporting Period:	03/01/06-03/31/06					
5h Yr. Accounting for District's SFY2005 WSPF Initial Ledger Balance for <u>All</u> Line Items - Through:						March 31, 2006
		6th Yr.	6th Yr.	6h Yr.	June 30, 2006	Balance
Line Item	SFY05 Alloc.	Obligated	Expended	Bal. or Unoblig.	6th Yr. Recall	After 6th Year Recall
Practices	158,809.80			158,809.80		0.00
Total	158,809.80	0.00	0.00	158,809.80	0.00	0.00
				0.00		
5th Year Accounting for District's SFY2005 WSPF Initial Ledger Balance for Practices - Through:						March 31, 2006
		6th Yr.	6thYr.	6th Yr.	June 30, 2006	Carryover of
Practice	2006 Alloc.	Obligated	Expended	Unobligated	6th Yr. Recall	SFY06 \$ into SFY2007
Grassed Waterways	8,400.00	5,904.68	660.00	1,835.32		
Terraces	90,556.46	31,588.80	46,375.27	12,592.39		0.00
Grade Stabilization Structures	59,148.06	5,088.19	54,059.87	0.00		
Water & Sediment Cntrl Basins	705.28	0.00	705.28	0.00		
					0.00	
Total	158,809.80	42,581.67	101,800.42	14,427.71	0.00	0.00
				14,427.71		

SFY2005 Allocation Water Protection Fund Expenditures Report Through:					March 31, 2006	
Project:	Whitebreast Creek Watershed Project					
DSC No.	091-1.06					
SWCD:	Warren, Clarke, Lucas, Marion					
Reporting Period:	03/01/06 - 03/31/06					
SFY2005 WPF Initial Ledger Balance for All Line Items - Through:					March 31, 2006	
					June 30, 2006	Balance
		6th Yr.	6th Yr.	6th Yr.	6th Yr.	After 6th Year
Line Item	SFY06 Alloc.	Obligated	Expended	Bal. or Unoblig.	Recall	Recall
GIS Specialist	16,743.00	1,860.33	5,581.00	9,301.67		0.00
Travel/Training	3,000.00	0.00	133.94	2,866.06		
Total	19,743.00	1,860.33	5,714.94	12,167.73	0.00	0.00
				12,167.73		

[illegible]

Whitebreast Creek Watershed Planning Meeting Agenda

March 13, 2006 12:30 p.m.

Attendees:

Cathie Graves
Vince Sitzmann
Anne Hildebrand

Nick Morrell
Dennis Schrodt
Mike Lewitke

Jeff Matthias
Steve Voltmer

Jack Bensink
Jeff Zimprich (via phone)

1. Whitebreast EQIP Special Project Funding (\$475,000)

- a. Applications in Whitebreast Priority Subwatersheds from each county.
- b. Questions from Jeff Zimprich
 - i. What are we going to be doing?
 - ii. Where are we spending the money?
 - iii. What are the number of applications?
 - iv. How are we going to divide the money between the four counties?
- c. Discussion on the amount of cost-share needing to be spend in the critical areas.

2. Future of the Whitebreast Creek Watershed Project

Water Quality and Watershed Project Coordinators Meeting
March 8, 2006
Story County Conservation Center – McFarland Park – Ames, IA
Agenda

(Please check-in and pay \$6.00 for your lunch prior to the start of the meeting which will begin promptly at 8:00 a.m. Checks for meals should be made out to: "Soil Conservation Meeting Expense". Receipts for meals will be distributed upon payment.)

8:00 a.m.	Welcome	Jim Gillespie Ubbo Agena
8:10 a.m.	Status of Project Funding	Jim Gillespie Ubbo Agena
8:30 a.m.	Administrative Spreadsheet	Jeff Tisl Mike Franklin
8:50 a.m.	Watershed Planning Protocol	Vince Sitzmann
9:10 a.m.	Sediment Delivery Calculator	Adam Kiel Jeff Tisl
9:55 a.m.	Break	
10:10 a.m.	Watershed Atlas	Cam Conrad Bob Waters
10:55 a.m.	Newsletters and Information/Education	Jessie Brown
11:40 a.m.	Revised Plan of Operations	Becky Schwiete Marie Leat
12:00 p.m.	Lunch Break	
12:30 p.m.	Project Application Process Public Bidding Process WIRB Projects Low Interest Loan Program (Those covering these topics will each have a short presentation followed by a question and answer period.)	Mike Franklin Mike Franklin Jerry Neppel Tony Toigo
1:10 p.m.	Future Meetings and Final Comments	Jim Gillespie Ubbo Agena
1:30 p.m.	Adjourn	