



Your Planning doesn't end with The Plan

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DILBERT

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Local Red River Implementation Plans

- ⇒ Defining *socially, economically, and environmentally* acceptable NRE and FDR solution alternatives in response to the resource needs in priority watershed areas.

Process Expectations

⇒ Build an understanding

- Nature, extent, and severity of the problem
- Others' thoughts, ideas, and philosophies

⇒ Provide guidance

- As to the desired future conditions
- How we plan to get there

⇒ Identify who's willing to doing what

- Lead or support

Planning Wisdoms

⇒ **Winston Churchill...**

“Plans are of Little importance, but planning is essential”

⇒ **Dwight D. Eisenhower...**

“ Plans are nothing; planning is everything”

⇒ **Alice in Wonderland...**

Alice: *“Would you tell me, please, which way I ought to go from here?”*

Cat: *“That depends a good deal on where you want to get to.”*

Alice: *“I don’t much care where..”*

Cat: *“Then it doesn’t matter which way you go!”*

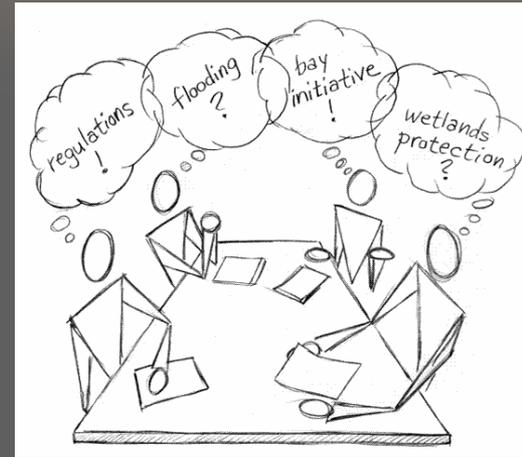
Planning Process Outcome

(more than just a big fancy document)

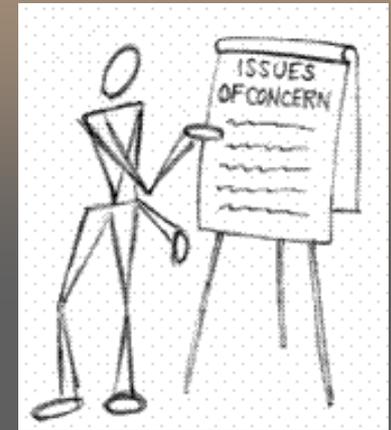
- ⇒ An event that builds an understanding and appreciation of all perspectives
- ⇒ Builds ownership by those involved
- ⇒ A **GUIDEBOOK** of acceptable NRE and FDR alternatives in the various priority areas for consideration by the local **PROJECT TEAM**

Plan Expectations

- ⇒ Comprehensive watershed approach to water management
- ⇒ Improve efficiency into PROJECT TEAM process
- ⇒ Clear “desired future conditions”
- ⇒ Project alternatives that are socially, economically, and environmentally acceptable (achieve a balance)
- ⇒ Participating parties have a continued dedication to implementation (project teams)

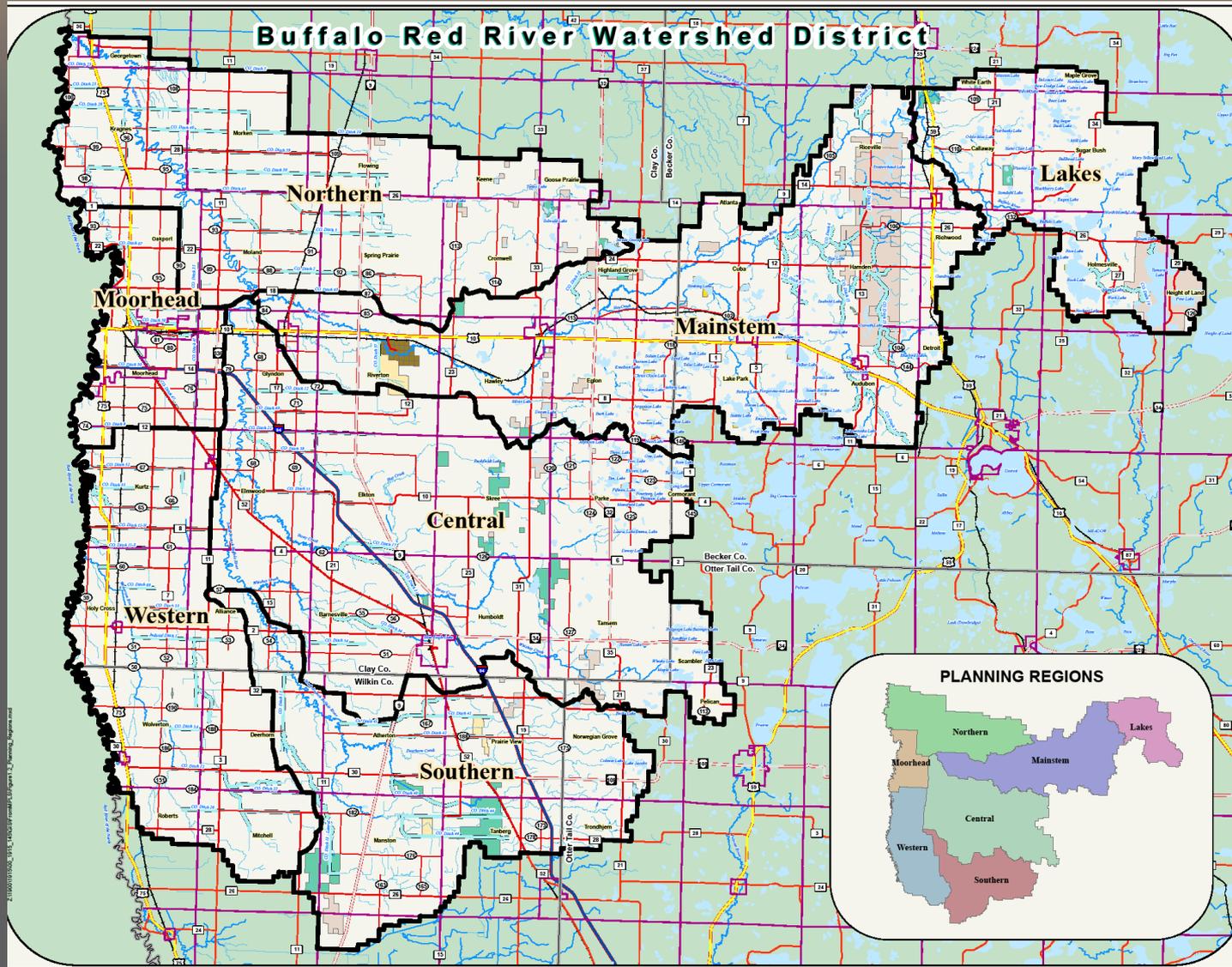


Basic Plan Content



- ⇒ Provide a description of the watershed
 - Topography, land use, unique features
- ⇒ Identify issue\need areas
 - Public input
 - Data supported
- ⇒ Identify cause of problem area(s) (if possible)
- ⇒ Prioritize those areas
- ⇒ Set FDR and NRE goals (WD wide and sub-WD)
- ⇒ Develop a list of alternatives which have a balance of NRE and FDR components (WD wide and sub-WD)
- ⇒ Develop an evaluation process/PRAP

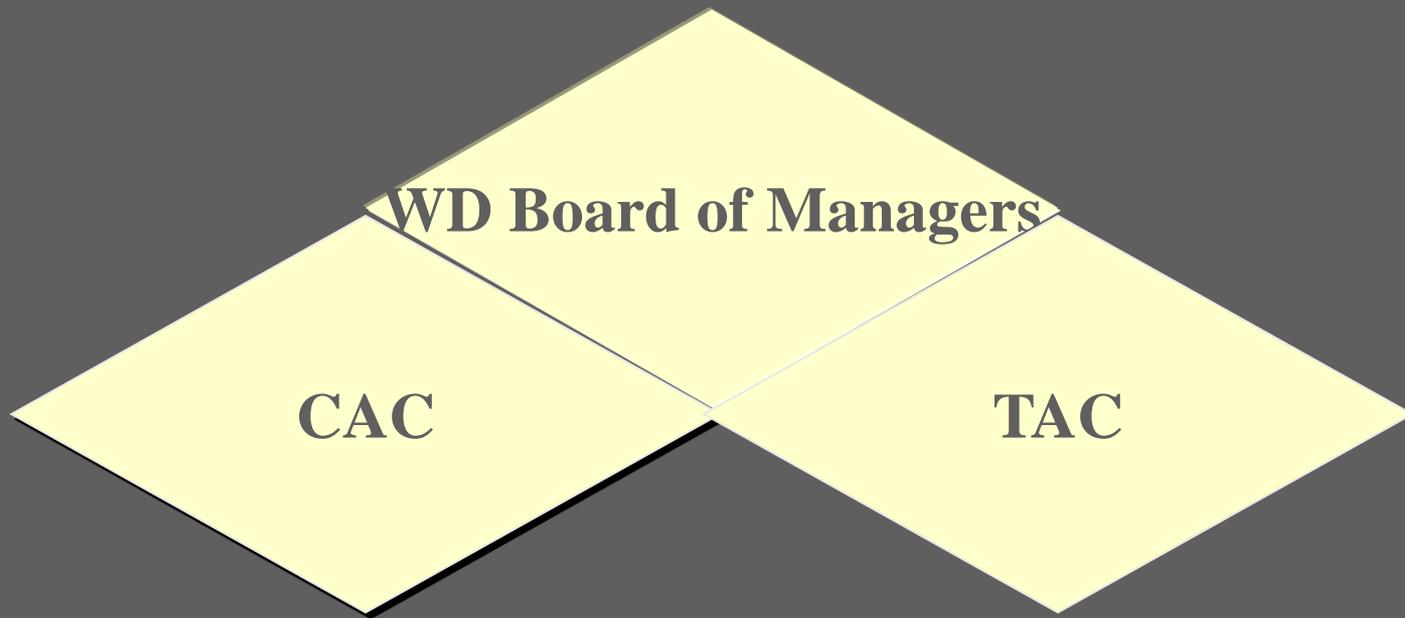
Planning Regions Established



Coordination of other Red River Planning Efforts

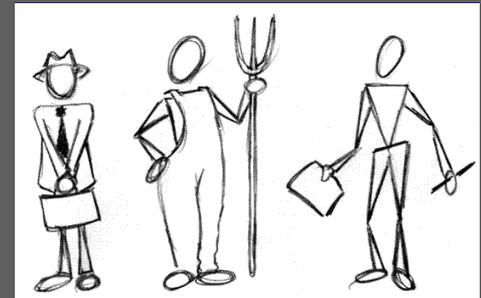
- ⇒ Comprehensive Local Water Planning
- ⇒ SWCD comprehensive plans
- ⇒ County land use, planning and zoning
- ⇒ State agency planning efforts
- ⇒ Federal planning efforts
- ⇒ Regional planning efforts (i.e. RRBC)

Participation of local citizens and local, state & federal partners



CAC and TAC

- ⇒ “CAC” Citizens Advisory Committee
 - Local decision makers, landowners, special interests
 - Identify issues, set priorities, social reality
- ⇒ “TAC” Technical Advisory Committee
 - Local, state, and federal agencies
 - Quantify and support issues
 - Environmental concerns



Watershed District Management Plan Update

- ⇒ After District Managers and Staff identified issues and problems within each Planning Region
 - Technical Advisory Committee (TAC)
 - A Citizen Advisory Committee (CAC)
 - Public Input meetings were held within each planning region
 - CAC and TAC attended all Planning Region meetings

Committees

January 31, 2006

Board of Managers, Buffalo-Red River Watershed District

PLAN MANAGEMENT TEAM

Bruce E. Albright, BRRWD Administrator
 Erik Jones, Engineer, Houston Engineering, Inc. (H.E.)
 Mark Deutschman, Advisory, H.E.
 Mark Aanenson, Plan Coordinator, H.E.
 Gerald L. VanAmburg, Manager, BRRWD
 Peter Waller, Board Conservationist, BWSR
 Brian Dwight, Board Conservationist, BWSR

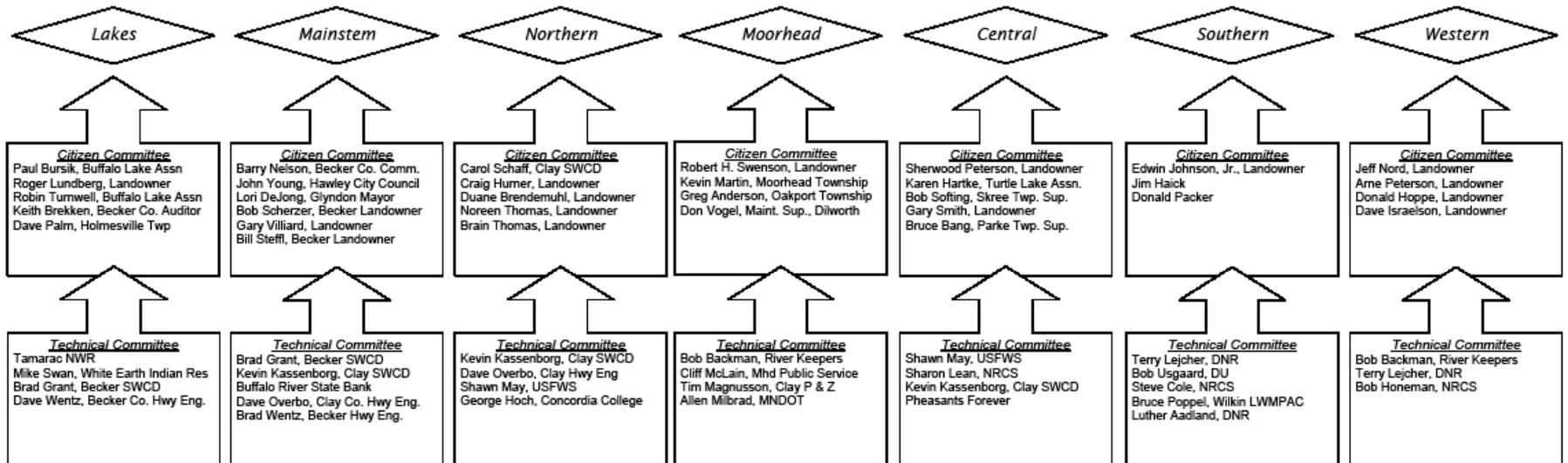
Local Citizen Steering Committee

Wayne Brendemuhl, Landowner, Clay County
 Jerome Flottesmesch, Landowner, Becker County
 Alvin Hansen, Landowner, Clay County
 Orrin B. Sorum, Landowner, Otter Tail County
 Jerry Matter, Landowner, Becker County
 Kevin Campbell, Commissioner, Clay County
 Lyle Hovland, Commissioner, Wilkin County
 John Boen, Landowner, Otter Tail County
 Arvid Leiseth, Chairman, Moorhead Township
 Karen A. Brandon, Landowner, Becker County
 Arnie Swenson, Landowner, Wilkin County

Technical Advisory Committee

Dave Barsness, Fisheries Specialist, DNR
 Steve Hofstad, Water Planner/WCA, Clay County
 Robert Merritt, Area Hydrologist, DNR
 Robert A. Zimmerman, Engineer, City of Moorhead
 Brian Winter, Program Director, TNC
 Henry VanOffien, MCEA
 Jack Frederick, MPCA
 Don Schultz, Area Wildlife Manager, DNR
 Michael T. Murphy, Refuge Manager/USFWS
 Don Bajumpaa, Manager, Wilkin SWCD
 COE
 Ruth Lewis, RRBC

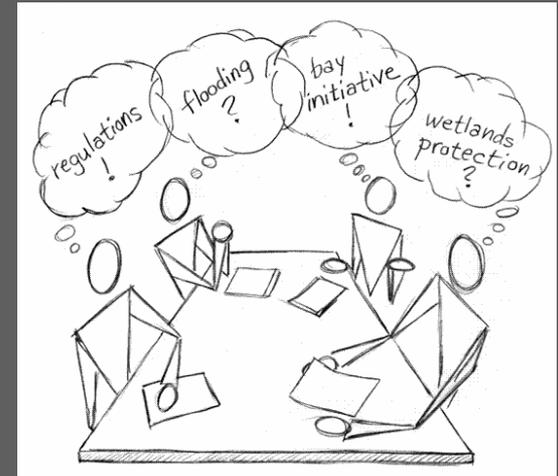
Planning Regions



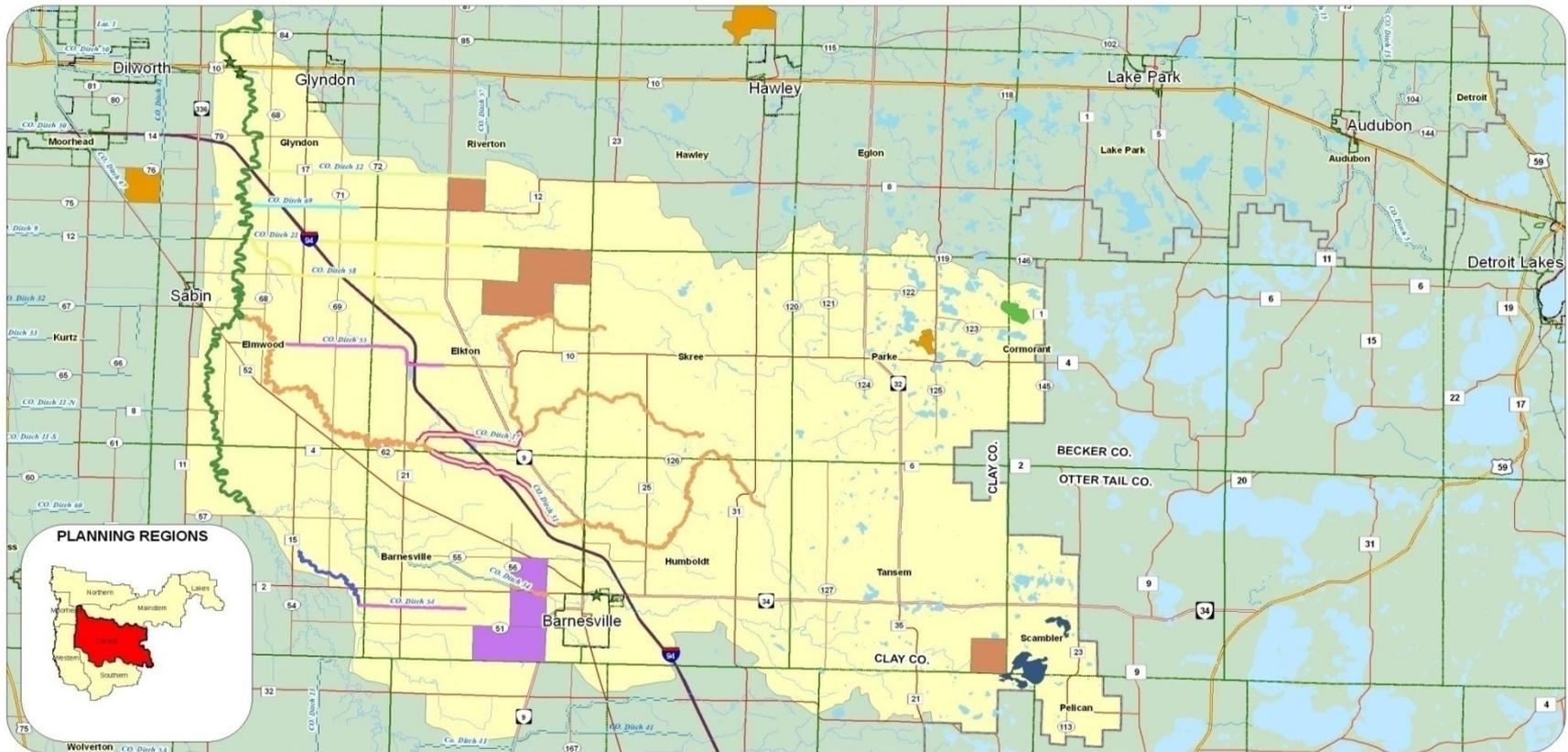
PLAN PROCESS

⇒ IDENTIFY ADDITIONAL ISSUES/POTENTIAL SOLUTIONS – Public Input meetings:

- Public Kick Off Meeting: Barnesville 2/27/2007
- Central Region: Barnesville 7/19/2007
- Mainstem Region: Hawley 7/31/2007
- Moorhead Region: Dilworth 5/10/2007
- Southern Region: 6/26/2007
- Northern Region: Georgetown 5/22/2007
- Lakes Region: Callaway 4/24/2007
- Western Region: Comstock 4/17/2007
- 3 Additional CAC and TAC meetings held in 2008



Example Issues and Problems Map



- ★ Fish passage barriers
- Capacity Issues and Channel Breakouts
- Capacity Issues and Channel Breakouts, Plug in Drainage System
- Ditch System Degradation
- Flooding
- Flooding, Ditch System Benefits
- Logjam problems
- Logjam problems, Floodplain map revision
- Outdated Ditch System, Capacity Issues, Channel Breakouts
- Drainage Problems
- Flooding
- Lake Levels, Erosion from Outlet
- Possible detention site
- Water Levels

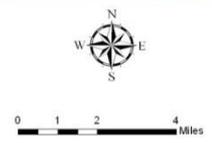


Figure 17F: Problem Areas of the Central Planning Region

Scale: AS SHOWN	Drawn by: gmv	Checked by:	Project No: 1815-146	Date: 12/2/07	Sheet:
Map created by:					
 Houston Engineering, Inc. 6901 E. Fish Lake Rd., Suite 140 Maple Grove, MN 55160 Bus: (763) 493-4522 Fax: (763) 493-5672					

Date: source: MN DNR Data Deck
Problem area locations obtained by Houston Engineering, Inc.

Build Public Support



Public Participation that worked

- ⇒ Plan needs to address citizen concerns over entire district.
- ⇒ Citizens helpful in identifying their concerns.
- ⇒ Citizens interested in proposed solutions.

The Project Team

A broad-based representation from all stakeholder groups with an interest in the project area

- ⇒ Land owners
- ⇒ Cities
- ⇒ Counties
- ⇒ Regional organization
- ⇒ Local, State, and Federal Agencies
- ⇒ Special interest groups

When to use a Project Team ?

- ⇒ Watershed Districts decision to use the project team process
 - large, complex, controversial, or head scratching projects
- ⇒ Team membership by invitation only
- ⇒ Advisory **ONLY** to the Watershed District

Project team member commitment

- ⇒ Regular attendance
- ⇒ Deliberate issues in a constructive, productive manner
- ⇒ Commit resources (expertise, data and analysis,\$)
- ⇒ Indicate any “red flags” (regulatory, political, Eng.)
- ⇒ Responsibility of follow-through
- ⇒ Come prepared

The Project Team Role

- ⇒ Identify problems and opportunities for FDR and NRE in areas identified in the WD Plans
- ⇒ Formulate and evaluate alternative solutions that will address the problems and opportunities
- ⇒ Recommend preferred alternative solutions to the WD
- ⇒ Identify and clarify regulatory concerns, requirements and needed permits
- ⇒ Assist in the formulation of project operating and monitoring plans where required
- ⇒ Review and comment on key project documents
 - AW, EIS, engineering reports, operating and monitoring plans



All project team recommendations
are derived from a
consensus-based process

Consensus ?

- ⇒ built by identifying and exploring all stakeholder interests and assembling a recommendation that satisfies those interests to the greatest extent possible.
- ⇒ The process of building consensus involves the development of alternatives, the assessment of the impacts of those alternatives, and the selection of a preferred alternative or proposed action.

Consensus

has been reached when **all**
project team members **can live**
with and will **not publicly oppose**
the recommendation

Plan will be the foundation for the local project team

WD defines issue needs in plan



WD project team develops alternative



Project team recommends to WD



WD accepts and implements alternative

KEY CONCEPTS

- ⇒ DON'T PLAN IN A DARK, SMOKE FILLED ROOM
 - “Go Public”
- ⇒ DON'T “GO IT” ALONE
 - Don't ask for assistance, “DEMAND IT”
- ⇒ THE PLAN IS THE PLAN
 - Refer to it often



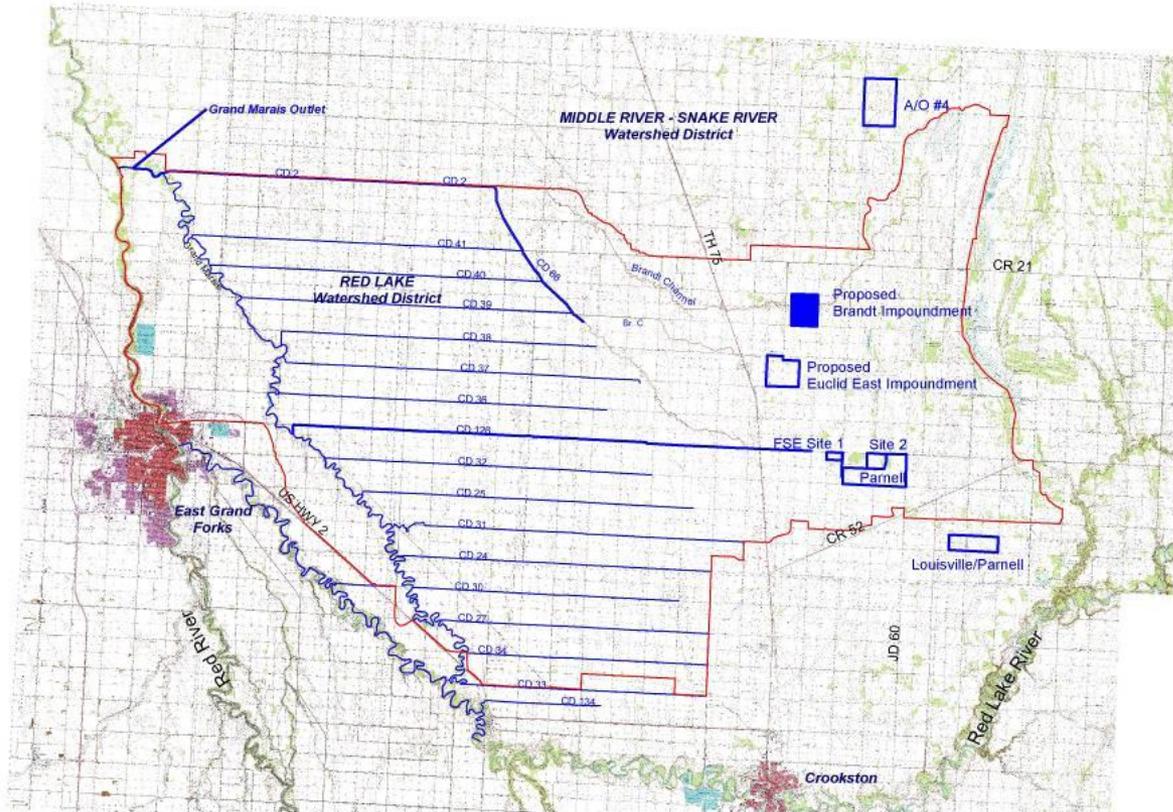
Due to a planning process which relied on the input of a cross section of interested parties, the use of models, and scientific data to identify and prioritize flood damage reduction needs and natural resource enhancement opportunities, there now exists a high level of ownership by many in Watershed District Plans.

The process also fostered a better understanding and appreciation of the differing opinions amongst the participants.

With the high level of interest and energy that went into these planning efforts it is expected that the Watershed District Long range plans will be referred to often.

Resulting Project

Grand Marais - Flood Damage Reduction Project Brandt Impoundment



Legend

- █ Red Lake Watershed District
- Grand Marais Sub-Watershed
- Proposed Project Location
- Area Ditch Systems
- Other Local Storage Projects



Drawn By: GHH 5/12/04
 Appd. By: NPD 5/13/04
 Project No. 07178054164

Figure 1

Brandt Impoundment – Project 60E, Polk Co.



Brandt Impoundment – Project 60E, Polk Co.

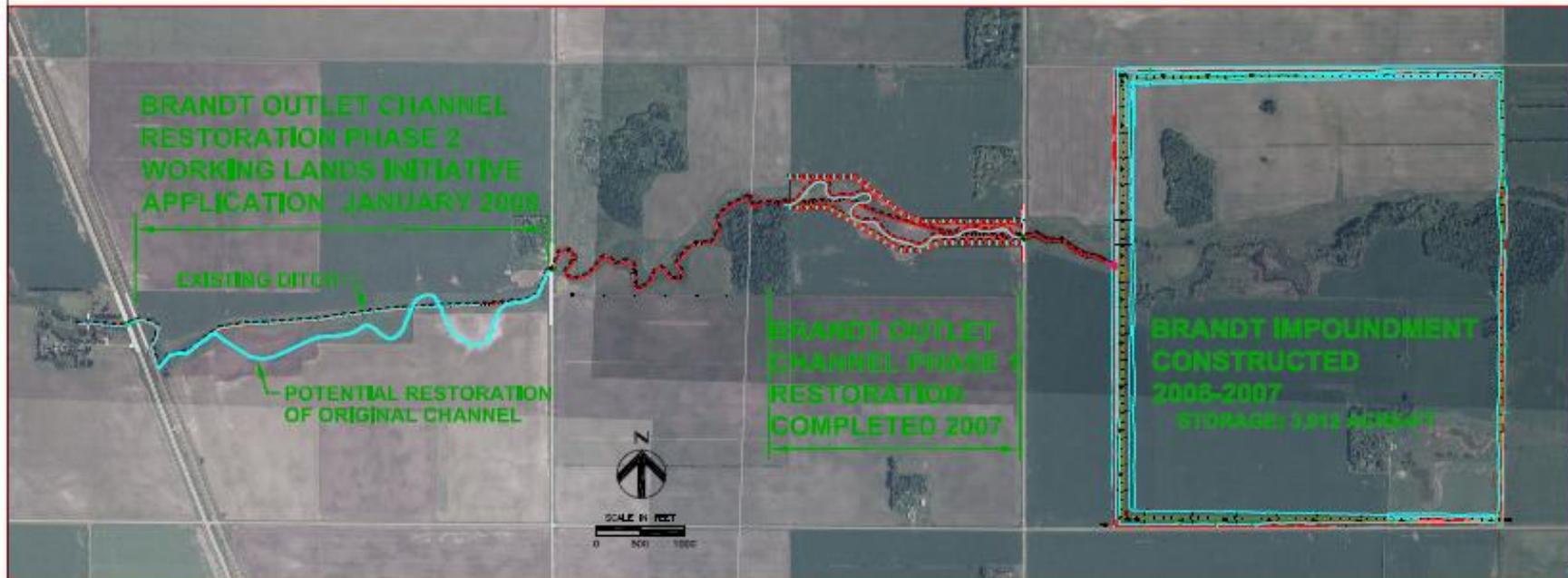
PICVideo

An aerial photograph of a rural landscape featuring a winding river and various agricultural fields. A specific area on the right side of the image is highlighted with a yellow border and a semi-transparent blue overlay. A dark green rounded rectangle is placed within this highlighted area, containing the text 'Brandt Impoundment'.

Brandt Impoundment

www.jpg.com

GRAND MARAIS CREEK SUB WATERSHED GOVERNORS CLEAN WATER CABINET PILOT PROJECT





DATE: 01/14/08
 DRAWN BY: [blank]
 CHECKED BY: [blank]
 SCALE: AS SHOWN
 PROJECT: [blank]



Red Lake Watershed District

Overall Site Plan
BRANDT OUTLET CHANNEL RESTORATION

DATE: JANUARY 2008
 DRAWN BY: [blank]
 CHECKED BY: [blank]





Slightly Used Project Funding Options



⇒ 103D.729 Water Management Districts

⇒ 103D.905 Subd. 3, General Fund

“.... cost attributable to the basic water management features of project initiated by petition of a political subdivision...”

Water Management Districts 103D.729

➔ What is it?

- A mechanism to fund watershed projects initiated by authorities 103D.601, 605, 611 or 730
- It is a system that can charge a fee (to pay for a project) based on others factors than benefits received thus no determination of benefits process
- Fees can be based on “contributors to the problem pay”

Water Management Districts

103D.729

How to establish (BWSR involvement)

1) Include in Long Range Plan

(Amend or scheduled update)

describe in “particularity”

territory

amount of charges

charge formula

length of time

2) Approval of Plan

Water Management Districts

103D.729

⇒ Who Initiates once established

⇒ Watershed District initiates

- 3) Watershed District establishes project in WMD
- 4) Watershed District refines charging formula based on project (i.e. H₂O quality vs. quantity)
- 5) Watershed District Set charges based on formula and project needs
- 6) Set up collection mechanism
- 7) Establish a separate fund account

Additional Features of the New Plan

- ⇒ Water Management Districts (MS103D.729)
 - Provides additional/alternative funding source for projects based on storm water contribution
 - Funds can be spent on storm water/runoff related projects (only).
 - Four Methods of charges discussed in the plan
 - Based on Runoff
 - Based on Sediment Contribution
 - Based on a combination of Runoff and Sediment Contribution
 - Based on Drainage Area

Additional Features of the New Plan

⇒ Water Management Districts (MS103D.729)

- Proposed to be set up based on the planning regions
- Require additional hearings to begin charges
- Would provide a source of matching funds for grant opportunities.

Watershed Experiences with Water Management Districts

- ⇒ Misconceptions about what WMD is/process.
- ⇒ Watershed Managers appointed and not elected-“*taxation without representation*”
- ⇒ Board can implement without public input.

Watershed Experiences with Water Management Districts

Pelican River (1st in the state – 2001):

⇒ District-wide and up to 8 WMD's

⇒ Purpose

- Education, monitoring, Rules/permitting; storm water treatment; nutrient reductions, chemical treatments, buffer zones
- Grant Matches/Clean Water Partnership loan repayments.

Petition from Political Subdivisions

(103D.905 Subd. 3, General Fund)

⇒ Political subdivision or 60+ residents petition the Watershed District to pay for basic water management features of a project.

- Up to 15 consecutive years
- Not to exceed 0.00798 % of taxable market value

What is needed to initiate

- Approved watershed management Plan (130D.701)
- Submittal of a sufficient Petition
- Establishment of Project by Watershed District



Watershed District experiences
Petition from Political Subdivision
(103D.905 Subd. 3, General Fund)

- ⇒ BRRWD has used for 7-8 years.
- ⇒ Good political subdivision support (petition signers).



Watershed District experiences Petition from Political Subdivision (103D.905 Subd. 3, General Fund)

- ⇒ PRWD - Set up Lake Vegetation Management Project – AIS
- ⇒ City of DL Petitioned
- ⇒ Defendable
 - Identified in Plan; Engineer Report; Budget; Public Support/Input

Mother Goose & Grimm: *By Mike Peters*



A landscape photograph showing a horizon line with hills and a sky with light clouds, positioned at the top of the slide.

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