Department of Natural Resources
Iowa River Programs
Value Stream Mapping Event

River Rats
February 9 – 12, 2015
The Opportunity

Kelley Myers, CRD Division Administrator
This event will look at the global view of river programs within the Department of Natural Resources to determine what they are, how they interact and where opportunities exist amongst them for improved collaboration and new ventures.
Objectives
Claire Hruby

1. Understand existing priorities, basic functions, associated partners and audiences for each of the river programs in the Department.

2. Compare river program goals to department goals and document gaps in service opportunities and find ways to articulate these goals as they fit with the Department’s Strategic Plan.

3. Identify areas of greatest need for further/improved collaboration (intra, interagency and external partners/stakeholders)
Goals

Mike Steuck

1. Develop a list of all river programs, deliverables, and partners (other agencies and NGO’s) that are documented for program management across division and bureau lines.

2. Recommend (including suggested priority order) a list of future events, for management consideration, that may be necessary to meet improvements in river program collaboration, functionality or to meet identified gaps in service.

3. Develop a framework for an intra and inter-agency plan related to the programs, priorities and gaps/ventures identified to facilitate meaningful and effective river program efforts.
Why Map the Value Stream?
Lynette Seigley

- Value Stream Mapping is a method that assists a team in seeing and understanding the flow of both documents and information
- It delivers breakthrough opportunities across system processes that otherwise are difficult to see
- It helps you not only see waste and gaps, but more importantly the source of the waste
Value Streams
Nate Hoogeveen
What did we see?
Heather Jobst

- Programs interact/do a lot
- Programs are dependent on each other
- Programs need people outside the agencies and they need us
- Programs do a lot of on-the-fly problem solving
- Programs are very collaborative and do overlap in services but that’s not necessarily bad
- Overall river programs are hard to explain to someone
- Surprised that more data collected by programs doesn’t feed back to water monitoring
- Lots of databases but they don’t talk/connect to each other
• Consult Floodplains/Dam Safety in the planning process when working on Dam mitigation

• Use information from flood center for planning special wildlife initiatives

  - Stream Mitigation (IDNR/IDOT) Process – Future Design Event
  - Consultation Process – Future Design Event
De-selection Process

Jason Palmer

• Identifies
  – Impact to customer
  – Difficulty implementing

• Helps to rate/rank solutions to resolve issues while identifying ease of implementation
Draft Plan Framework for Iowa River Programs
Lisa Hein

• Vision
  – To protect, enhance, evaluate and connect river functions for Iowans

• Scope
  Maximize the long term value, function and health of rivers and streams through focused communication and collaboration with a broad range of partners.
  Coordinate amongst watershed improvement, recreation, permitting, education, and evaluation programs with all partners in order to achieve the collective vision.
  Build a tool box that includes partnerships, stream stabilization, dam removal and modification, stream habitat, flood plain connectivity, riparian management, watershed work, data collection and dissemination.
Guiding Principles

- Whereas the protection of the ecological/hydrological functions of Iowa’s river corridors in a sustainable way is critical to the viability of this resource, landscape, the health, safety & enjoyment of future generations.
- Whereas opportunities exist to enhance the functionality and overall quality of Iowa’s rivers and streams.
- Whereas rivers and streams have an impact on human health, biological diversity and economic vitality the rivers program collects & evaluates a broad range of information related to rivers.
- Whereas a comprehensive river programs requires the connection of people to rivers, coordination of programs and sharing of information
Draft Framework for Iowa River Programs

Seth Moore

- Current State – Where are we now
# Transformation Plan

**Marty Adkins**

<table>
<thead>
<tr>
<th>Plan Component</th>
<th>Task</th>
<th>Execution Method (Kaizen, Design, VSM, SIPOC, Project, JID)</th>
<th>Owner (program/process owner for this event)</th>
<th>Planned Timeline for execution</th>
<th>Status</th>
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<tbody>
<tr>
<td><strong>Connect</strong></td>
<td>Incorporate all credible data and other relevant WQ and river data into website (link, One stop shopping, Database integration)</td>
<td>Project</td>
<td>All Processes</td>
<td>Mar   Apr   May   Jun   Jul   Aug   Sep   Oct   Nov   Dec   Jan   Feb</td>
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<td>Coordination education that addresses all function together (flood, bio, watershed, habitat, etc.)</td>
<td>Project</td>
<td>All Processes</td>
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<td><strong>Evaluate</strong></td>
<td>Develop aquatic area management program for recreational access, riparian, protection and watershed</td>
<td>Project</td>
<td>Water Trails</td>
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<td>Human health alerts</td>
<td>Project</td>
<td>Water Monitoring</td>
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<td><strong>Enhance</strong></td>
<td>DNR Engineering hire a hydrologic modeler (skills for building structures related to improving rivers. Provide expertise to partners)</td>
<td>Project</td>
<td>Dam Modification</td>
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<td>Stream Restoration Projects</td>
<td>Design event</td>
<td>CRD Processes</td>
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<td><strong>Protect</strong></td>
<td>Consider holistic (social, ecological, flood, hydro) needs/demands in planning. Develop aquatic area management program for recreational access,</td>
<td>Project</td>
<td>Watershed Improvements &amp; Water Trails</td>
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<td>Work with NRCS and other groups to plan for future flood recovery response. Identify additional stakeholders (internal/external) who would be interested in Dam Inspections reports.</td>
<td>Project</td>
<td>Dam Modification and Wildlife</td>
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Team Member Experience

Larry Gullett
Jake Hansen
Seth Moore
Comments

Corey McCoid
Dept. of Natural Resources

Marcia Tope
Dept. of Management

Michelle Wilson
Dept. of Natural Resources

Bill Ehm, Division Administrator
DNR Environmental Services Division
We welcome your questions and comments!