

# **Integrated Solid Waste Management Planning Project**

## **Southeast Wyoming Regional Landfill Planning Group**

### **Project Kick-Off Meeting**

*January 18, 2008 – Cheyenne, WY*

*Presented by: Marge Bedessem / Trihydro*



# Introductions

- **Core Working Group**
  - **City of Cheyenne**
  - **Eastern Laramie Co. SWDD**
  - **City of Laramie**
- **Stakeholders**
- **Trihydro Team**



# Trihydro Team

- **Ken Schreuder – Project Director**
- **Marge Bedessem – Project Manager**
- **Bill Brewer – Technical Manager**
- **Laurie Johnson – Assistant Manager**
- **Nicole Twing – Technical Advisor**
- **Travis Brockie – Technical Advisor**
- **Craig Unrein – Information Technology Lead**
- **Tammy Reed – Transportation Advisor**
- **Julie McKim – Cost Accounting/Analysis**
- **Deby Forry – Legal and Financial Advisor**
- **Shanna Fisher – Public Relations**



# Why Are We Here?

- **Senate File 38 (Enrolled Act No. 43) passed in 2006 Legislature, focused on two issues:**
  - *Landfill Monitoring*
  - *Integrated Solid Waste Management Planning*
- **Legislation provides grant money (\$1.3M) to help operators prepare ISWM plans**
- **Everybody that holds an operating permit must prepare a 20-year ISWM plan by *July 1, 2009***
- ***This is a FUNDED mandate***

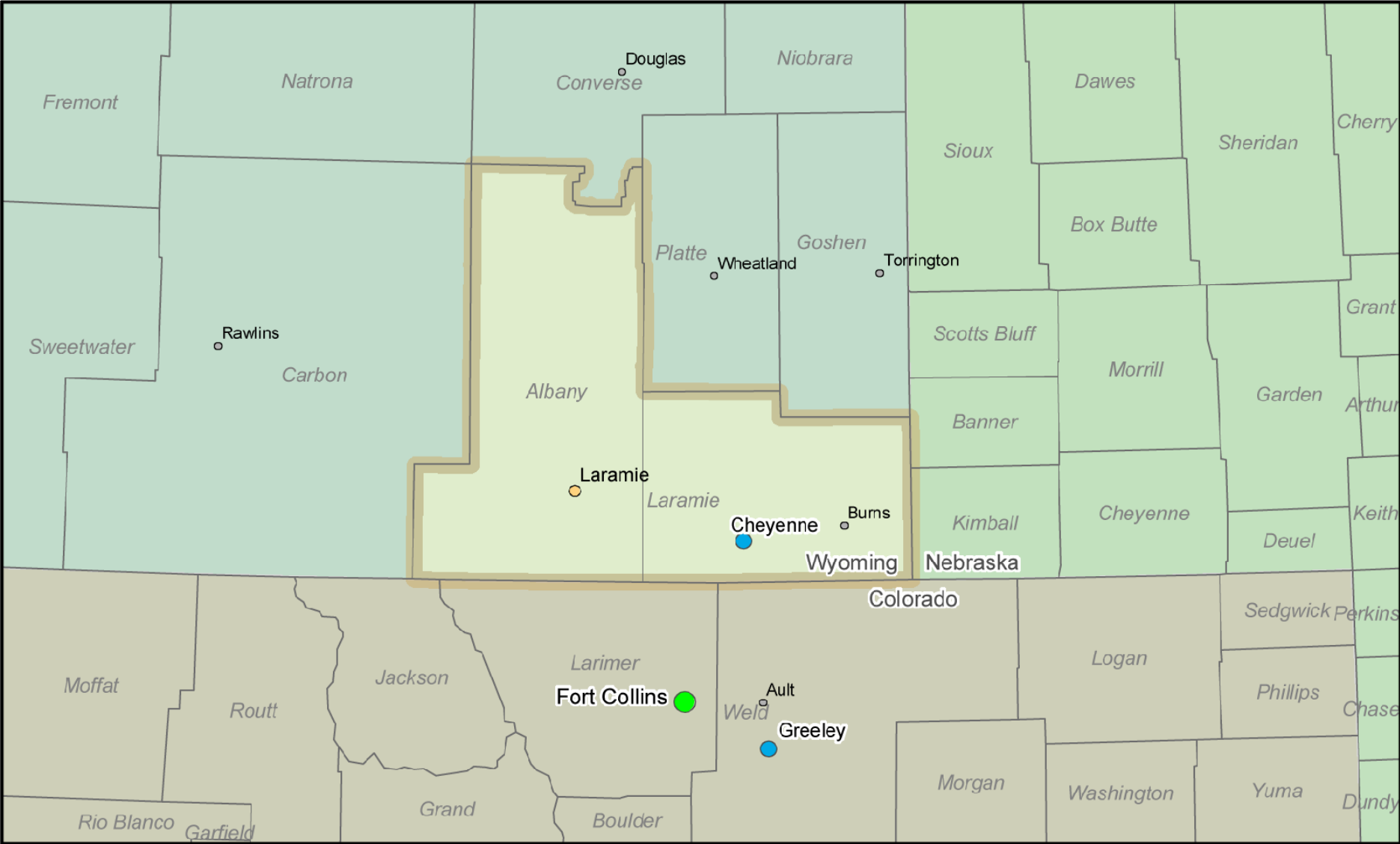
# Why Are We *REALLY* Here?

- **52** operating landfills – all but 2 are unlined
- **78+** “closed” landfills are unlined
- Most unlined operating landfills appear to be leaking
- **2,600** water supply sources within 1 mile of landfill
- **\$\$\$** cost to clean up groundwater pollution
- Lining landfills is expensive
- Seriously consider regionalization of services
- ***OPPORTUNITY***—*is there is a better way to do it ?*
- ***NOT A COMMITMENT!***

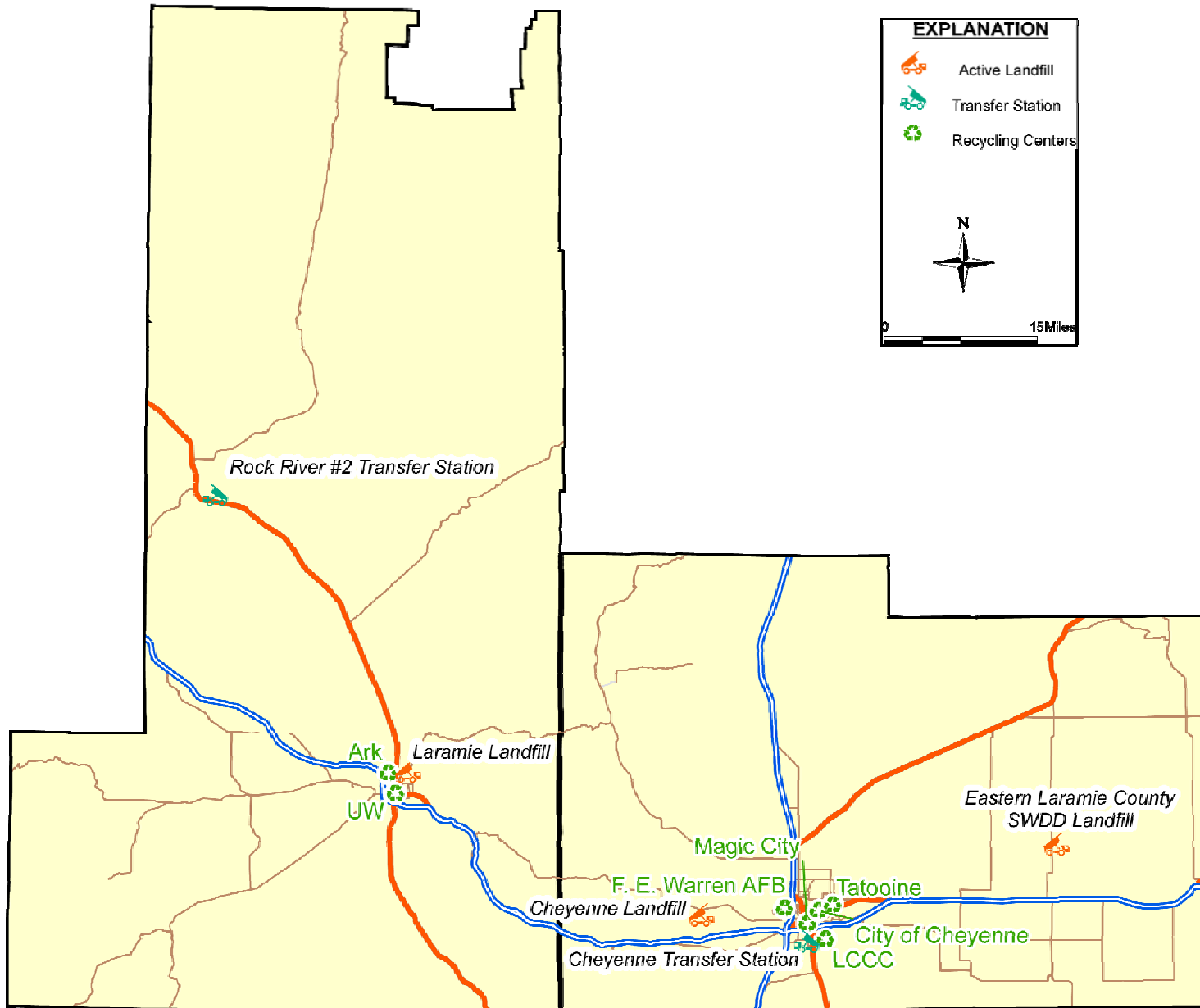
# ISWM Planning ... Facts and Fiction

- **What does an ISWM plan do? (Facts)**
  - Evaluates the cost of your current system
  - Identifies “reasonable” alternatives and associated costs
  - Provides the information that is needed to make informed, responsible decisions
- **What does a ISWM plan NOT do? (Fiction)**
  - Commit you to closing all your landfills
  - Commit you to implementing an option with a planning partner
  - Commit you to taking your garbage to an out-of-county landfill
  - Commit you to accepting garbage from another community

REGIONAL LOCATION MAP SHOWING PLANNING AREA



# ACTIVE SOLID WASTE MANAGEMENT FACILITIES



# ISWM Planning Process

- Identify your planning objectives (today)
- Inventory existing systems and waste generation rates, then predict needs for the next 20 years
- Identify “*reasonable*” alternatives
- Evaluate the full cost of existing and alternative systems
- Select the alternative that best suits your planning objectives (community needs)
- Develop an implementation strategy
- **Involve the public ... from start to finish!**

# Operating Landfills (Core Working Group)

- **Laramie County**
  - **City of Cheyenne Landfill**
  - **Eastern Laramie County SWDD (Burns)**
- **Albany County**
  - **City of Laramie Landfill**

# Potential Stakeholders

- **Recycling Organizations**
- **Cities/Towns**
- **Local Media**
- **Private Waste Haulers**
- **Environmental Organizations**
- **Local Citizens**
- **Others?**

# Roles and Responsibilities

- **Core Working Group**
  - Attend all meetings and participate
  - Complete existing facility survey
  - Assist with local outreach efforts
  - Review planning documents provided by Trihydro
  - Work as a group to make local/regional recommendations
- **Stakeholders**
  - Ask questions and offer suggestions
  - Provide local perspective
- **Trihydro Team**
  - Coordinate and manage project tasks, including public outreach efforts
  - Facilitate meetings
  - Compile and analyze data, and prepare plan



# Planning Meetings

- **Phase 1: Letter of Intent**
  - Sent to WDEQ
- **Phase 2: Economic Analysis of Alternatives**
  - Project Kick-Off (1 regional - today)
  - Analyze existing facilities and characterize waste streams
  - Identify Alternative Systems (3 local, 1 regional)
  - Review Economic Analysis (1 regional)
  - Public Outreach (5+ local)
- **Phase 3: Draft Plan**
  - Review preliminary Draft Plan (1 regional)
  - Select Preferred Alternative (1 regional)
  - Review final Draft Plan (1 regional)
  - Public Outreach (5+ local)
- **Phase 4: Final Plan**
  - Review and respond to DEQ comments (1 regional)

# Project Schedule

- **Phase 1: Letter of Intent**
  - **July 13, 2007 – Sent to WDEQ**
- **Phase 2: Economic Analysis of Alternatives**
  - **October 1, 2008**
- **Phase 3: Draft ISWM Plan**
  - **April 1, 2009**
- **Phase 4: Final ISWM Plan**
  - **June 30, 2009**

# Public Outreach Strategy

- **Internet**
- **Local Flyers ... city hall, grocery store, lumber yard, etc.**
- **Press Releases ... news stories**
- **Presentations to local groups**
  - **City Councils & County Commissions**
  - **Civic Groups (e.g., Rotary, Kiwanis, Elks)**
  - **County Fair**
  - **Senior Citizen Center**
  - **Anyone who will listen!**

# Planning Objectives

- ***“We want our preferred alternative(s) to ...”***
  - ***Minimize*** the cost of waste management system
  - ***Maintain*** or improve the current level of customer service
  - ***Minimize*** the amount of change customers need to deal with
  - ***Increase*** existing recycling rates
  - ***Improve*** the level of environmental protection
  - ***Others?***
- **Competing objectives are OK**
- **Final recommendations?**

# Next Steps

- **Planning Area Name? (Southeast Region)**
  - **Compile data for existing facilities and waste stream (facility surveys)**
  - **Characterize future waste stream**
  - **Local meetings to review inventories, objectives, local alternatives**
  - **Start outreach efforts (introduction to the solid waste problem, ISWM, and the planning process)**
- **Questions? Thank you for coming!**