

Integrated Solid Waste Management Planning Project



Western Wyoming Planning Group

Lincoln County / Sublette County
Teton County / Uinta County



Regional Planning Meeting Agenda January 30, 2009

- Review project **tasks** and **schedule**
- Discuss **requirements** and **realities** of the ISWM planning process
- Summarize **issues** and **costs** associated with existing systems and three regional alternatives
- Review **public input** on work completed to date.
- Identify **issues** and **preferences** of each planning partner
- Define **focus** of the Draft Plan



ISWM Project Schedule and Tasks

- **Phase 1 Letter of Intent**
 - Completed August 1, 2007
- **Phase 2 Economic Analysis**
 - Evaluation of Existing Systems and Future Needs
 - Economic Analysis of Alternatives
 - Completed December 15, 2008
- **Phase 3 Draft Plan**
 - Due May 1, 2009
- **Phase 4 Final Plan**
 - Due July 1, 2009



ISWM Planning Process Requirements and Realities

- **Legislative Planning Requirements**
 - ▶ Evaluate needs for the next 20 years
 - ▶ Estimate costs of reasonable alternatives
 - ▶ Select alternative that best suits your needs
 - ▶ Develop implementation strategy
 - ▶ Update your plan in 10 years
- **Realities**
 - ▶ Implementation is NOT required
 - ▶ Everyone may not agree on the best alternative
 - ▶ What you do with this information is up to YOU



What do the existing systems look like?

- **6 unlined landfills** (\$25 to \$180 per ton)
- **4 transfer stations** (\$16 to \$51 per ton)
- **4 stand-alone recycling centers** (\$81 to \$\$\$)
Currently, the cost per ton to recycle is generally higher than local transfer/disposal options, but the price difference is likely to decrease as transfer/disposal costs increase, and the volume of diverted commodities increases.
- **Most communities are managing their own wastes and commodities, but some "regionalization" is already taking place**



What alternatives are being considered?

Short List of Alternatives:

- #1 ... 3 Lined Regional Landfills
- #2 ... 2 Lined Regional Landfills
- #3 ... No Lined Regional Landfills

All Options:

- Transfer stations
- More diversion, recycling, and composting
- Unlined landfills for "inert" wastes



Alternative #1 Issues

- Lined landfills: **Evanston, Marbleton, and Kemmerer**
- 20% diversion goal: **construction/demolition waste**
- Transfer stations: **Bridger Valley, Evanston, Pinedale, Jackson, Thayne, Cokeville, and LaBarge**
- Recycling: **Expanded facilities/services**



Alternative #2 Issues

- Lined landfills: **Evanston and Marbleton**
- 20% diversion goal: **construction/demolition waste**
- Transfer stations: **Bridger Valley, Evanston, Pinedale, Jackson, Thayne, Cokeville, LaBarge, and Kemmerer**
- Recycling: **Expanded facilities/services**



Alternative #3 Issues

- Lined landfills: **Rock Springs and Circular Butte**
- 20% diversion goal: **construction/demolition waste**
- Transfer stations: **Bridger Valley, Evanston, Pinedale, Marbleton, Jackson, Thayne, Cokeville, LaBarge, and Kemmerer**
- Recycling: **Expanded facilities/services**



Alternative #1 Costs

Planning Partner	Existing	Alternative #1	
	Life-Cycle ¹ (millions, per year)	Initial Capital ² (millions, total)	Life-Cycle ¹ (millions, per year)
Lincoln County	\$1.280	\$5.170	\$2.121
Sublette County	\$1.956	\$6.082	\$2.782
Teton County	\$2.698	\$1.908	\$3.372
Uinta County	\$1.108	\$6.512	\$2.308

NOTES:

1. Annualized life-cycle costs include development, operating, and closure/post-closure costs.
2. Initial capital costs only include initial capital costs required to implement alternative, and are included in annualized life-cycle costs.
3. **\$1.000** dark red bold indicates lowest life-cycle cost for each planning partner.



Alternative #2 Costs

Planning Partner	Existing	Alternative #2	
	Life-Cycle ¹ (millions, per year)	Initial Capital ² (millions, total)	Life-Cycle ¹ (millions, per year)
Lincoln County	\$1.280	\$1.685	\$2.341
Sublette County	\$1.956	\$6.082	\$3.224
Teton County	\$2.698	\$1.908	\$3.169
Uinta County	\$1.108	\$6.512	\$2.308

NOTES:

1. Annualized life-cycle costs include development, operating, and closure/post-closure costs.
2. Initial capital costs only include initial capital costs required to implement alternative, and are included in annualized life-cycle costs.
3. **\$1.000** dark red bold indicates lowest life-cycle cost for each planning partner.



Alternative #3 Costs

Planning Partner	Existing	Alternative #3	
	Life-Cycle ¹ (millions, per year)	Initial Capital ² (millions, total)	Life-Cycle ¹ (millions, per year)
Lincoln County	\$1.280	\$1.685	\$2.296
Sublette County	\$1.956	\$2.993	\$2.116
Teton County	\$2.698	\$1.908	\$3.245
Uinta County	\$1.108	\$3.062	\$1.794

NOTES:

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Regional Stakeholder Issues and Recommendations

- Summarize results of planning partner discussions & recommendations
- Group discussion and recommendations
 - ▶ 1st ... 2nd ... 3rd
 - ▶ Definitely ... Maybe ... Unreasonable
- Other ideas
- Need for additional data



What's Next?

- Summarize issues and recommendations
- Compile and analyze additional data (if necessary)
- Prepare implementation strategy options
 - ▶ Funding
 - ▶ Management
 - ▶ Public Education and Incentives
 - ▶ Schedule
- Local or regional meeting to develop draft implementation strategy



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