Sustaining Idaho’s Water Resources

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Vice President, Clear Springs Foods, Inc.
Sustainability means managing Idaho’s water resources like a corporation: with depreciation, amortization, and maintenance accounts. In other words, keeping the asset whole, rather than undermining our natural capital.
Key Points

• Why sustainability is essential?
• Policy and plan ingredients
• Similarities and lessons learned
Clear Springs Foods, Inc.

- Seafood company founded in 1966
- Employee owned
  - 380 employees
- World’s largest producer of rainbow trout
- Sales throughout US
  - 60-70% of Idaho trout
- Vertically integrated
Vertically Integrated

- Brood
- Farms
- Feed
- By-products
- Technical Services
- Research
- Processing
- Specialty products
- Distribution
- Sales and Marketing
Why sustainability matters?

• Sustain current economic vitality
• Attract future economic development
• Sustain environmental quality
• 157,000 acre curtailment order- Rangen delivery call
• Curtailment warning letter to Sept. 23, 1974 juniors
• Potential public investment in water resource (HO547)
Policy elements

- Objective: clear statement of the overall purpose or long-term aim
- Policy instrument 1: identify the actions and the methods
- Policy instrument 2: identify metrics
- Policy instrument 3: identify a champion
CSF Business Perspective

“Sustain Clear Springs Foods into the future for the benefit of its employee owners and the community”

Profit
Tools to Sustain Clear Springs Foods

- Financial
- Employees
- Resource
- Legal
Resource Pillar

- Resource assessment
  - Fish need water (quantity)
  - Non-consumptive water use
  - Limits carrying capacity
  - Declining resource
  - IDWR estimate 200,000 ac-ft/year decline
  - Resilience is diminished

- Spring water quality
- Receiving water quality
- Strategic and tactical planning
  - Spring flow predictor
Financial Pillar

- Annual and long-term plan
  - Identify strategic objectives
  - Set specific performance objectives
  - Develop strategies (action plans) to achieve these objectives
  - Consider relevant internal and external circumstances
  - Execute the action plans, monitor and report

- Investment back into company (maintenance account)
  - Methodical investment program

- What are our financial resources
  - Source and amount of funding (cash flow)

- Return-on-investment (ROI)
  - Requires appropriate metrics
Legal Pillar

• Water rights
  – Priority Doctrine
  – Non-consumptive water rights

• Regulatory requirements
  – Environmental
  – Endangered species
  – Food safety
  – Employment
  – Accounting
  – etc.
Employee (social) Pillar

- Qualified staff
  - Engaged and committed
- Education
  - Continual process
  - Work objectives
- Teamwork
  - Collaboration
Similarities

• Resource Assets
  – Good at using the resource but…..
  – Finite supply
    • Carrying capacity limits
    • Demand exceeds supply (e.g. ESPA)
  – Limited management controls
    • Priority doctrine and delivery calls
    • Allocation process

• Financial resources
  – Need to invest in Idaho water resource assets
  – Cash flow constraints yields need for prioritization
Similarities

• Socio-economic needs
  – Maintain and grow current economy
  – Suitable work force
  – Meet societal needs

• Environmental needs
  – Water quality
Lessons learned

• Delay leads to steeper sustainability climb
  – Sustainability must be more than an ornament, requires action
  – ESPA CAMP (2009)

• Strategic thinking is essential
  – Sustainability efforts must be practical

• Control the controllable
  – Flexibility

• Continual education

• Requires a champion- focus

• Periodic checks on progress
  – Adjust accordingly
Lessons learned

TLC

Transparency

Longevity

Certainty
Sustainability
A Meridian View

David Miles, CFM
Surface Water Administrator
City of Meridian

February 26, 2014
Overview

Meridian Public Works Department

Strategic Plan 2010 - 2015

July 2010
Idaho Power’s Easy Upgrades Program

Is proud to recognize the Energy Efficiency Accomplishments of

City of Meridian City Hall

For energy efficient upgrades completed on

April, 2011

Theresa Drake, Customer Relations & Energy Efficiency Manager

Bill Horn, Customer Representative

Think You from Idaho Power

April, 2011

Butaman Customer Representative

There is Drake, Customer Relations & Energy Efficiency Manager

Internal Practices
Partnerships
Education & Outreach
New Technologies
Sustainability
A Meridian View

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