Reuse Permitting in Idaho

Water Reuse Conference
May 2011
Richard Huddleston

Year in Review

Revised Reuse Rules

Prepared Backlog Elimination Plan for Director
- Reduce Backlog to 0% by July 2012
- Currently 30%

FY2010 – Issued 28 Permits
FY2011 – Will Issue approximately 20 Permits
FY2012 – Will issue 30 Permits

NPDES

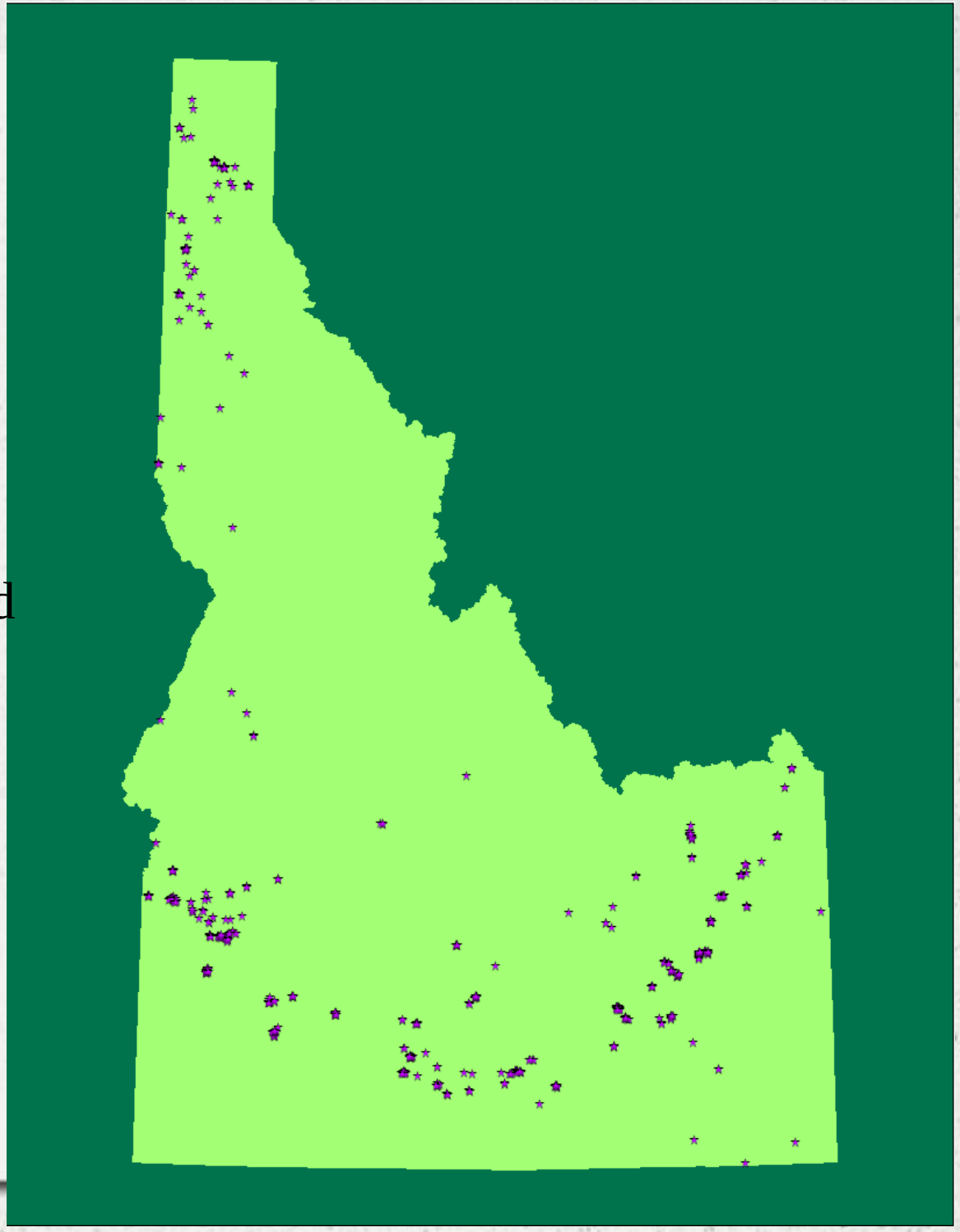
- NPDES = National Pollutant Discharge Elimination System
  - EPA Primacy Program to track and limit pollutants into surface water
- DEQ Reuse Program
  - Idaho Surface Water Pollutant Discharge Elimination System

Value of Recycled Water

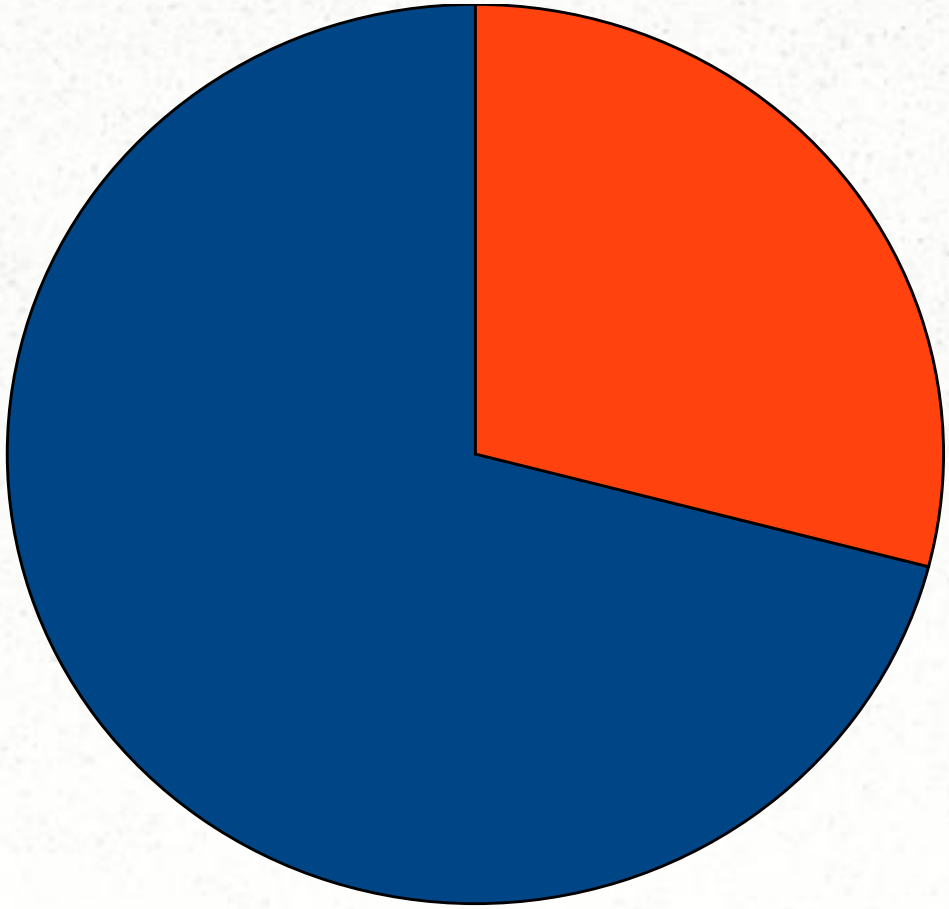
• Recycled Water	8.5 billion gal.	$12.75M
• +Nitrogen	5.6 million lbs.	$15.50M
• +Phosphorus	1.5 million lbs.	$15.85M

Statewide Distribution

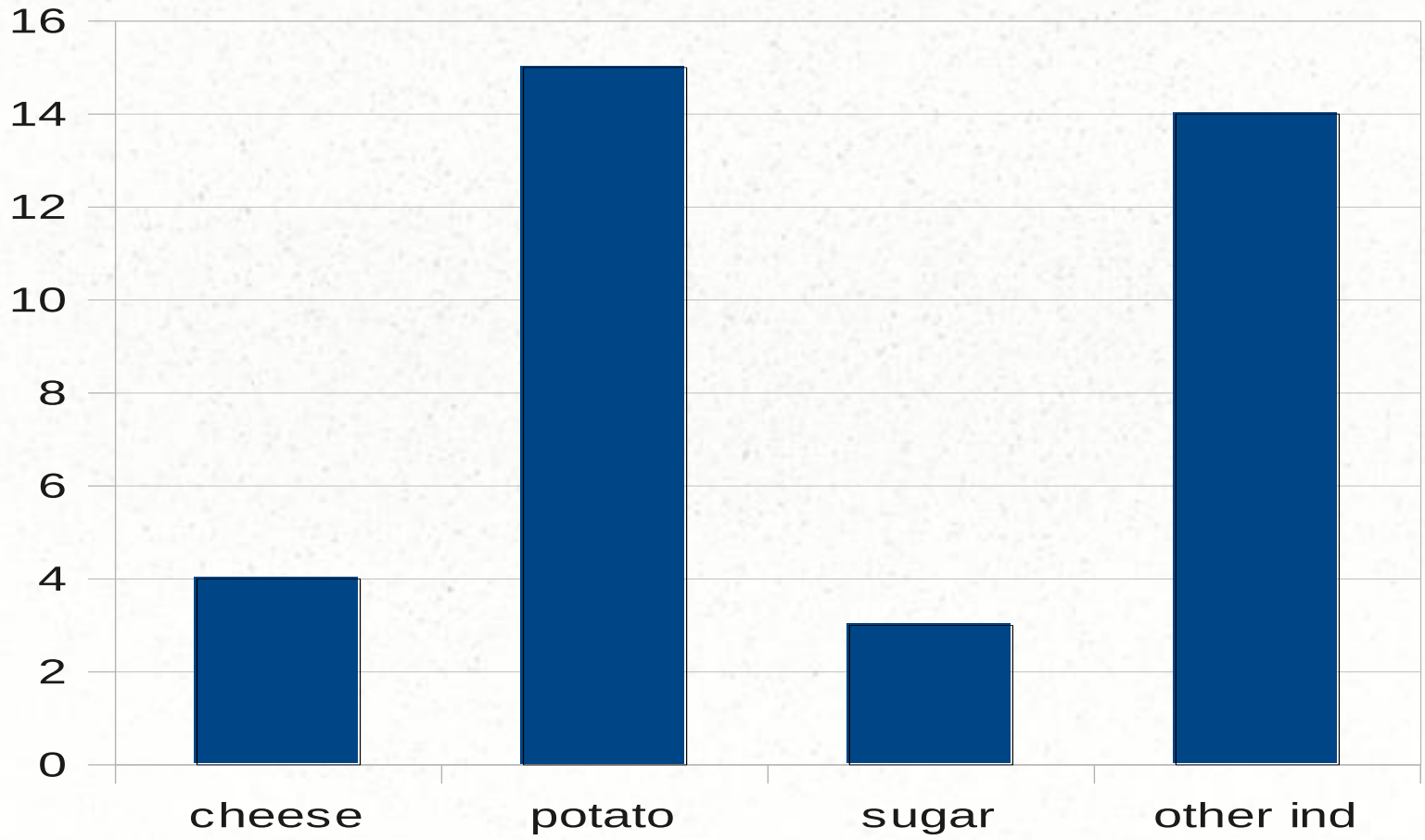
- North Idaho – all domestic, mostly smaller
- SW Idaho – fairly evenly distributed with domestic and industrial (rendering, cheese, sugar beet, onions)
- SC and Eastern Idaho – domestic, potato, cheese, sugar beets, Idaho National Laboratory



Reuse Permit Types



Industrial Permits



Typical Crops

- Grass and Alfalfa
- Native evergreen and poplar trees
- Grains

Size

- From 0.5 acre to 2000 acres

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LOCKWOOD

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