

# ESPA Comprehensive Aquifer Management Plan

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Facilitation of a Framework  
for Presentation to the  
2007 Idaho Legislature

Management Alternative Working Group  
Managed Recharge Summary

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# Interim Measure: Recharge

- Pursue spring recharge opportunities in 2007
  - Use natural flow and existing canal systems
  - Determine necessary arrangements with canal companies and irrigation districts
  - Allocate IWRB money for spring recharge costs
- Spring recharge will be implemented when IWRB's rights (1,200 CFS on Snake and 800 CFS on Big Wood) are in priority
  - IWRB will bank recharge rights to allow diversion when in priority

# Interim Measure: Recharge

- Develop contracts with canal companies and irrigation districts
  - Issue RFP to potential recharge providers
  - IWRB allocations will provide for fixed costs and per acre-foot recharge
- Requirements of recharge providers include:
  - Provide bids to conduct spring recharge
  - Measure recharge water
  - Deliver recharge water to approved recharge sites or use existing canals

# Interim Measure: Recharge

- Average annual benefit of spring recharge expected 45 kaf (using natural flow and existing canal system)
- Using \$350,000 allocated by Board, examine feasibility of large-scale recharge
  - Constructed recharge sites
  - Natural flow and leased water
  - Develop recharge plan, including water quality

# Interim Measure: Recharge

- Examine Opportunities to Increase Recharge
  - Electrical brown outs or power surges
    - Water quality and liability concerns?
  - Flood control releases
  - Modification of rental pool procedures
  - Conduct late season recharge
- Evaluate the cost-benefit of managed recharge versus other management alternatives, i.e. gw/sw conversions
- Implement mechanisms to accurately monitor and quantify recharge efforts