AVERAGE DAILY SPILL PAST MILNER FROM 1980-2006, WITH 1997 AND 2006 DAILY SPILL

FLOW (CFS)

- 1997 (6 MILLION ACRE-FEET)
- ON AVERAGE (2 MILLION ACRE-FEET)
- 2006 (1 MILLION ACRE-FEET)
SPILLED MILNER WATER
TARGETTED USES

• MANAGED RECHARGE THROUGH CANALS
  – Above American Falls
    • Egin Bench
    • New Sweden
    • Aberdeen Springfield
  – Below American Falls (North Side and AFRD #2)

• HARD CONVERSIONS
  – A & B IRRIGATION DISTRICT

• SOFT CONVERSIONS
  – Lands above and below Minidoka with near-ready ability to use surface water
ANNUAL MILNER SPILLS SHOWN BY AVAILABILITY ABOVE AND BELOW AMERICAN FALLS

ACRE-FEET

ABOVE AMERICAN FALLS
BELOW AMERICAN FALLS
AVERAGE

2006 MILNER SPILL AVAIL. ABV AMF, AVAIL. CANAL CAPACITY, AND RECHARGE WATER USED

FLOW RATE (CUBIC FEET PER SECOND)

MILNER SPILL

RECHARGE

CANAL CAPACITY
RECHARGE THROUGH CANALS WITH EXTRA CAPACITY IN MARCH - JULY USING FLOWS SPILLED PAST MILNER

ACRE-FEET

ABOVE AMERICAN FALLS
BELOW AMERICAN FALLS
AVERAGE ABOVE
AVERAGE BELOW
CONVERSION ACRES

• HARD CONVERSIONS (A & B IRRIG. DIST.) GETS PRIORITY
  – Water sources availability assumed all irrigation season:
    • 50,000 acre-feet of new storage at Minidoka Dam
    • Buyout of high-lift pump projects exchanged for flow augmentation water
      – Average 101,000 acre-feet per year
      – Maximum of 205,000 acre-feet per year
CONVERSION ACRES (CONT.)

- **SOFT CONVERSIONS**
  - Constrained by acres with access to surface water supply
    - 2/3 of identified acres are above Minidoka, 1/3 are below
      - Use demand of 2300 cubic ft. per second above Minidoka
      - Demand of 1100 cubic ft. per second below Minidoka
  - **Sources of water:**
    - Unused Milner spills in May and June
    - Unused high-lift exchange water in July through September
A & B HARD CONVERSIONS
AND SOFT CONVERSIONS ABOVE AND BELOW MINIDOKA

ACRE-FEET

50,000 AF
NEW STORAGE

AVERAGE ANNUAL POTENTIAL DISPOSITION OF SPILED SNAKE RIVER WATER

- 37% Recharge
- 41% Soft Conversion
- 13% Hard Conversion
- 9% Unused
Managed Recharge Above American Falls

Averages:
Aberdeen-Springfield: 70,315 af/year
Egin Bench: 61,526
New Sweden: 43,947
Total: 175,789
Managed Recharge Below American Falls

Average: 232,989 af/year
Conversion Acres

Averages:
A & B (HARD: 94,815 af/year
ABV MINIDOKA: 137,786
BLW MINIDOKA: 65,327
Total: 297,928