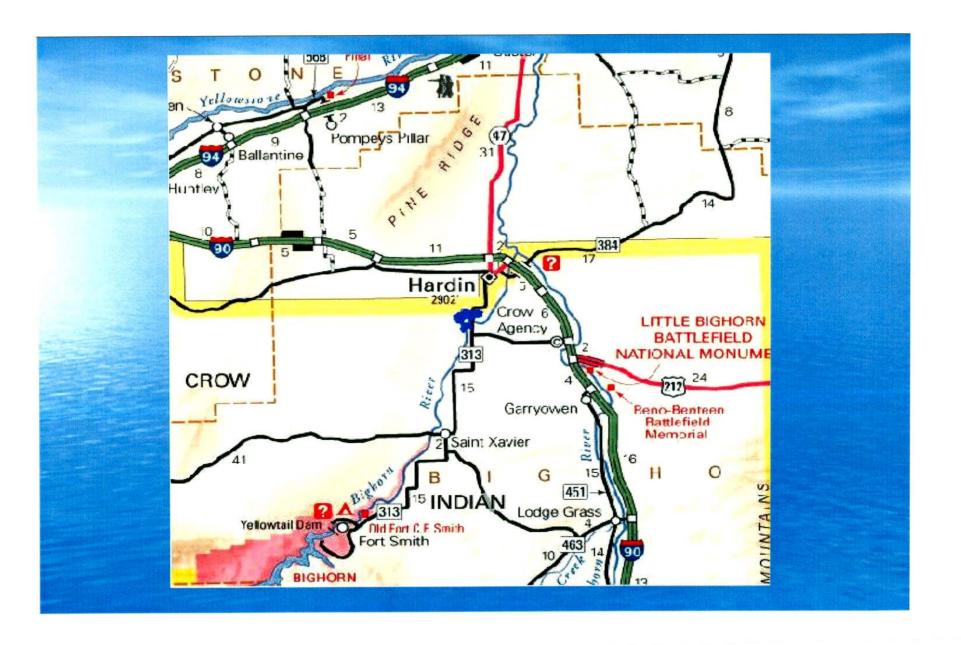


Crow Compact Water Supply

- 500,000 acre-feet of Natural Flow
- 300,000 acre-feet of Bighorn Lake Stored Water
 - 150,000 acre-feet can be used in addition to Natural flow
 - 150,000 acre-feet to be used to supplement Natural flow in time of Shortage (May also be available in times of surplus)
- 650,000 acre-feet of Total Supply

Streamflow and Lake Level Management Plan Bighorn River and Bighorn Lake

- Limit Place of Use to Protect Fishery Reach
- Set Limits on Quantity of use in Reach above Fishery Reach (Two Leggins Diversion)
- Decisions Made on Releases to meet Instream Flow needs and Provide Desired Lake Level in Bighorn Lake based on:
 - Instream Flow Targets
 - Fishery and Recreation needs for Bighorn Lake
 - Management directives from Tribe for Tribe's Water
 - Flood Control Needs
 - Water Supply & Demand Forecasts

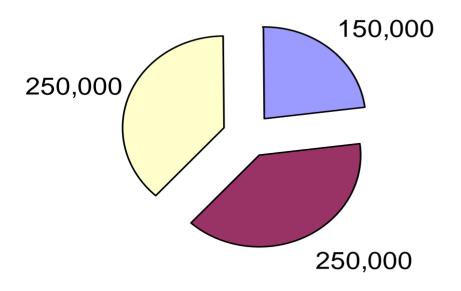


Location of Use

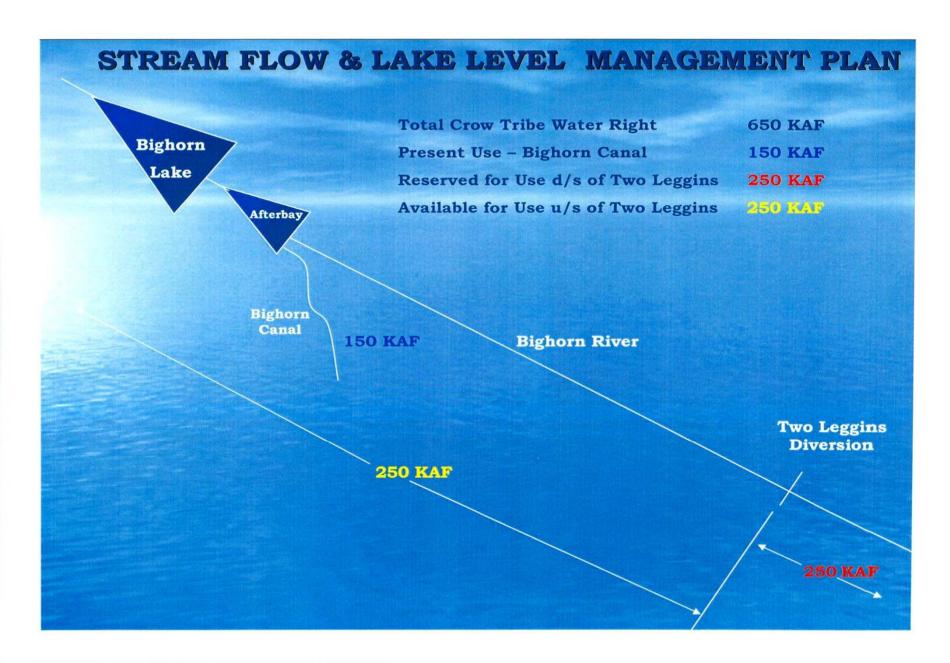
- 650,000 acre-feet Total Supply
 - 150,000 acre-feet of estimated Existing Use above Fishery Reach
 - 250,000 acre-feet dedicated to In-stream flow. Use of this water limited to below Fishery Reach
 - 250,000 acre-feet available for use upstream of Fishery Reach
- 250,000 acre-feet of Potential new use available up-stream of Fishery Reach is the only new use that could impact the river fishery flows and Bighorn Lake levels.

Crow Compact Water Supply

Crow Tribe's Compact Water Supply
Bighorn Lake and Streamflow Management Plan
650,000 acre-feet



- Existing Uses BIA Canal and other
- Upstream of Two Leggins Div
- □ Downstream of Two Leggins Div



Potential Impact of Developing 250,000 acre-feet of new Water Up-stream of Fishery Reach

• 345 cfs - Average Daily Flow

 27 feet in Reservoir elevation (3640-3613) if full amount drawn from storage

QUESTIONS & COMMENTS

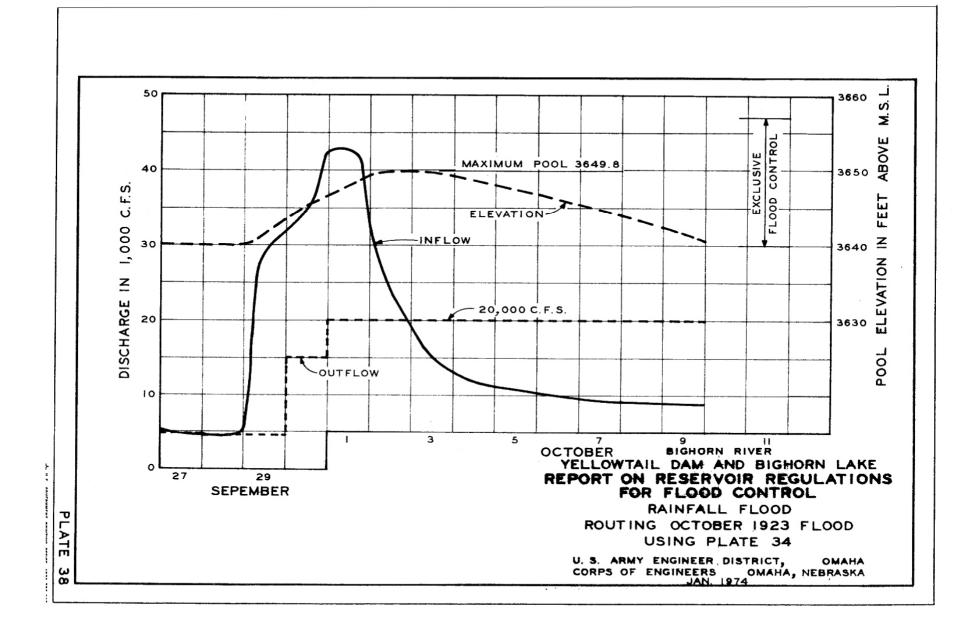
Flood Control Storage Space Allocation

- Total Flood Space, 498,673 af Elev 3614-3640
 - Joint Use Space, 240,342 af Elev 3614-3640
 - Exclusive Flood Space, 258,331 af Elev 3640-3657

Options to Consider

- Reallocate Portion of total Flood Space to Conservation Storage
 - Overall Reduction in flood Space
 - Significant impact to overall Flood Control Benefits
- Reallocate Portion of Exclusive Flood Space to Joint Use Space
 - Total Flood Space remains unchanged
 - No Impact to controlling Spring Flood Events
 - Potential Impact on Control of Summer and Fall Rain Events

PLATE 36



Concerns

- Sediments Inflow Has Reduced Flood Pool
 - Total Flood Space in 1965 509,000 af
 - Total Flood Space 1982 498,700 af
 - Total Flood Space 2007 est 484,000 af
 - Total Estimated Loss
 25,000 af or 5%
- High Lake Levels in the Fall can contribute to Ice-Jam Flooding in the lower Shoshone River
- Increased Downstream Flood Damage

Questions & Comments