



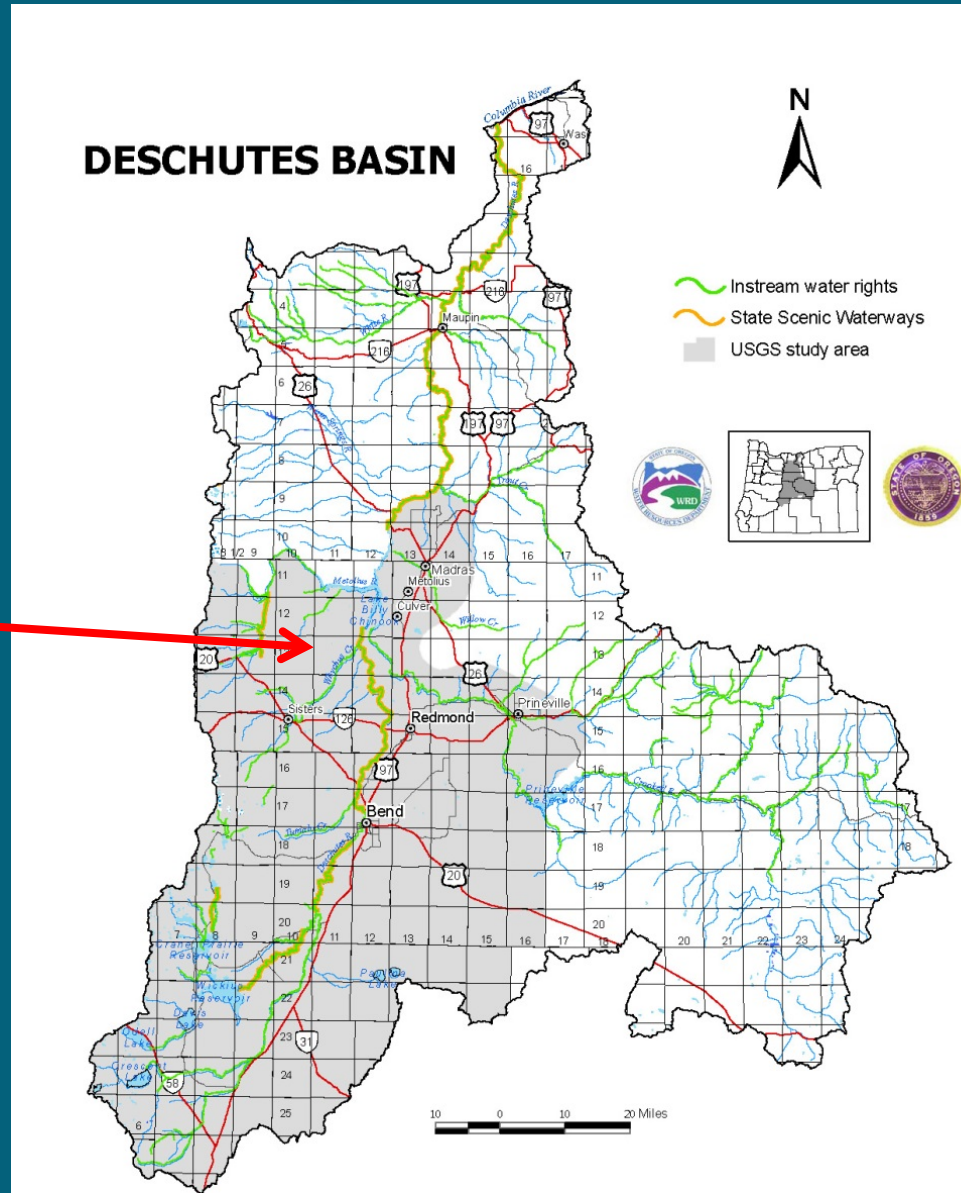
Deschutes Groundwater Mitigation Program

**2015 Annual Review
13th Annual Review**

**Dwight French
*Water Right Services
Division Administrator***

History and Background

1. SWW & ISWR Protections
2. No SW Available
3. Deschutes Basin GW Study
4. Mitigation Program Developed



Mitigation Program Goals

- **Maintain SWW flows + water rights including ISWR**
- **Facilitate restoration in the middle Deschutes River**
- **Sustain existing uses and accommodate growth**



Deschutes River below Bend
at approx. 40 CFS in 2002



Elements of Mitigation Program

1. New ground water permits require mitigation
2. Identifies tools for providing mitigation
3. Establishes a system of mitigation credits
4. 200 Cubic Feet per Second (CFS) allocation cap
5. Provides for establishment of mitigation banks
6. Requires annual and 5-year evaluations



2015 Annual Evaluation

1. Cooperation with other state agencies
2. Implementation of the rules
3. Ground water appropriations
4. Streamflow monitoring and evaluation
5. Mitigation Bank review

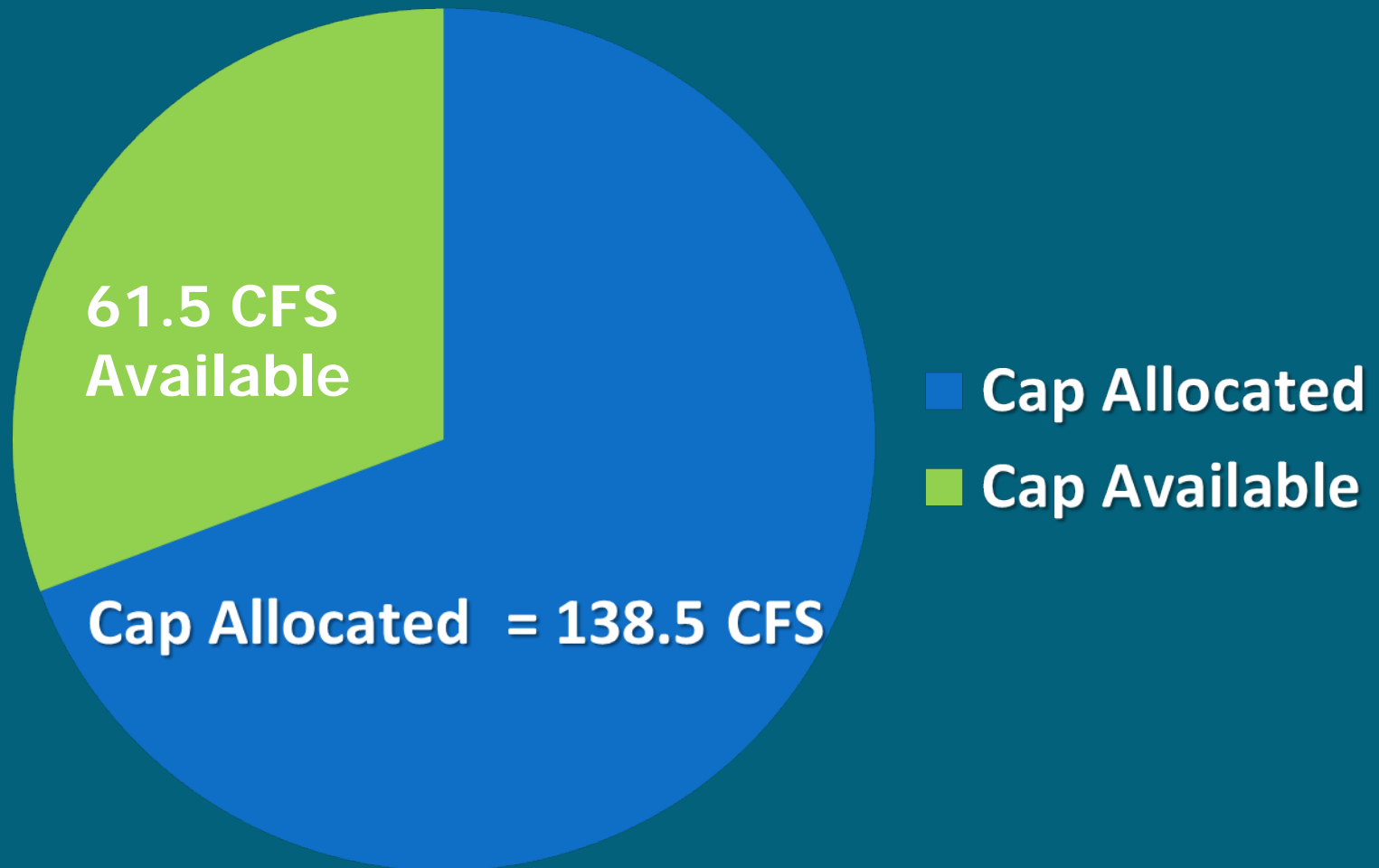


Program Highlights

- 107 Active permits and certificates
- 138.5 CFS allocated under cap
- Majority of mitigation is permanent
- Instream flows largely remain unchanged – according to our model.

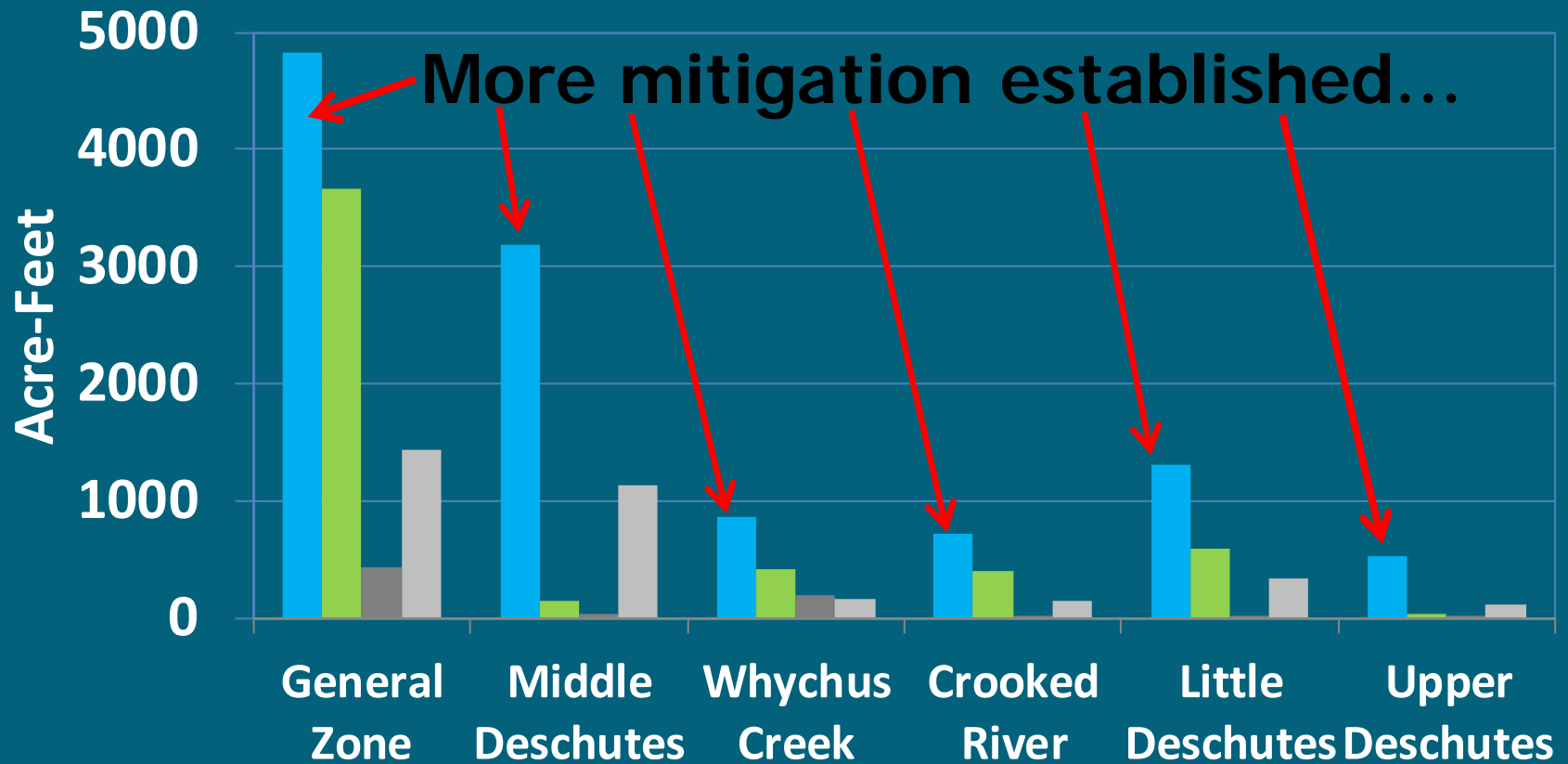


Status of 200 CFS Cap



As of 12/31/2015

Mitigation Activity in the Deschutes Basin for 2015



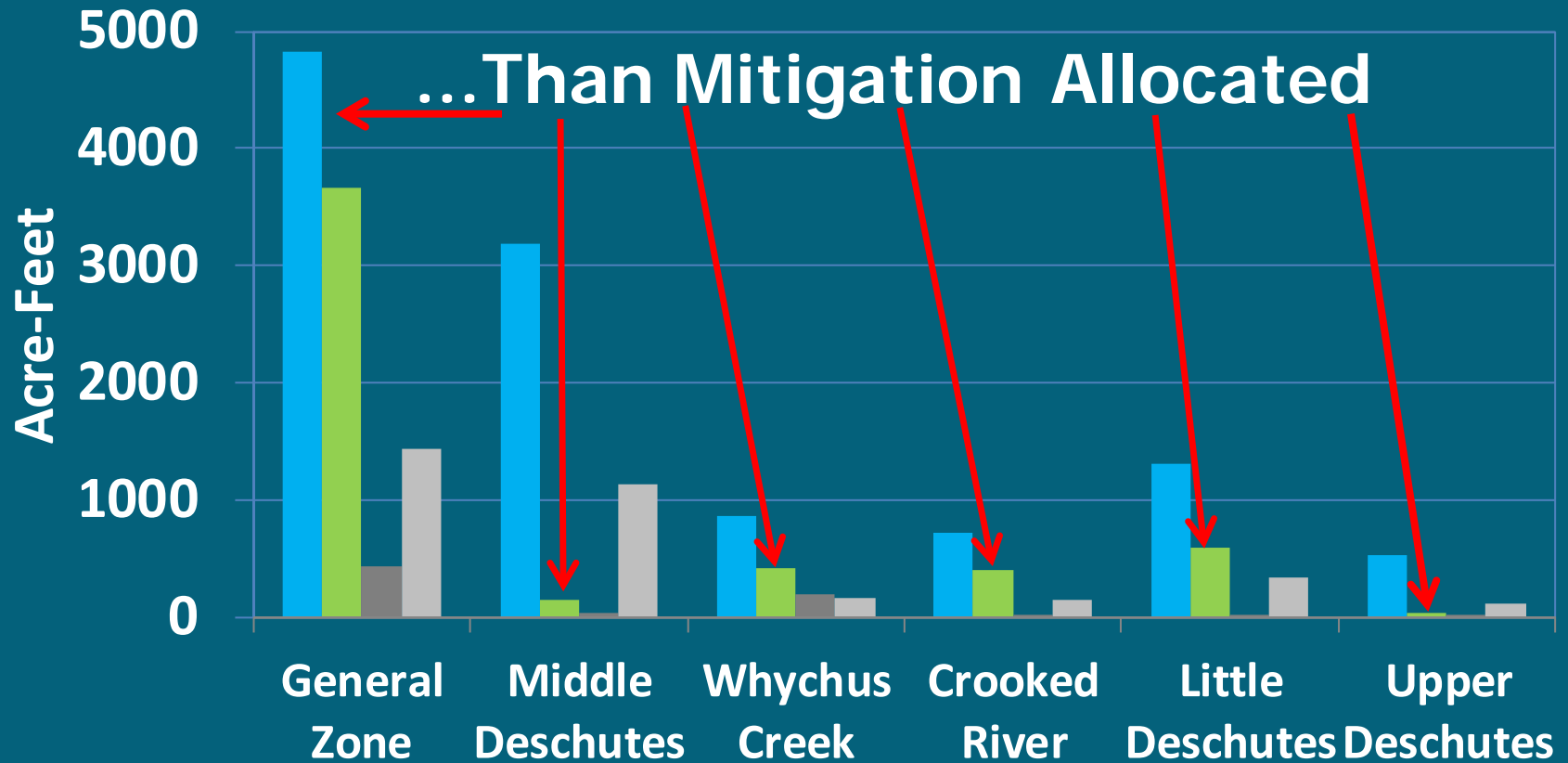
■ Total Mitigation Established

■ Allocated Mitigation

■ Reserve Credits

■ Remaining Available Mitigation

Mitigation Activity in the Deschutes Basin for 2015



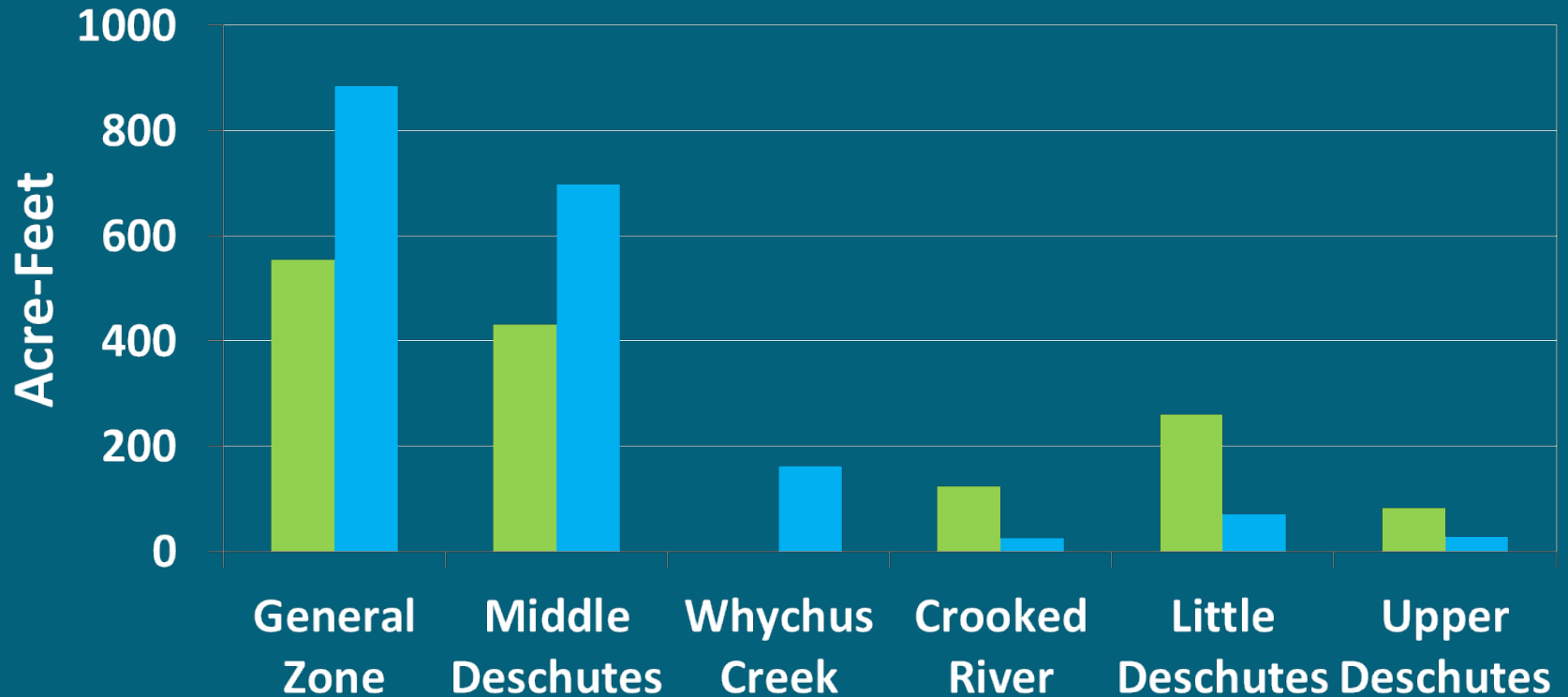
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Unused Mitigation By Zone



- Unused Permanent Mitigation
- Unused Temporary Mitigation



Instream Requirements

- **Assessing the Impact of Mitigation on Streamflow in the Deschutes Basin**
- **Results at sites based on Deschutes Mitigation Model**

Baseline = 1966 to 1995



Instream Results

- Instream requirements being met nearly identical to base line conditions
- All changes are small
- Positive changes are larger than negative changes
- **Predominately positive impact on flows**



Thank You.

Questions?

