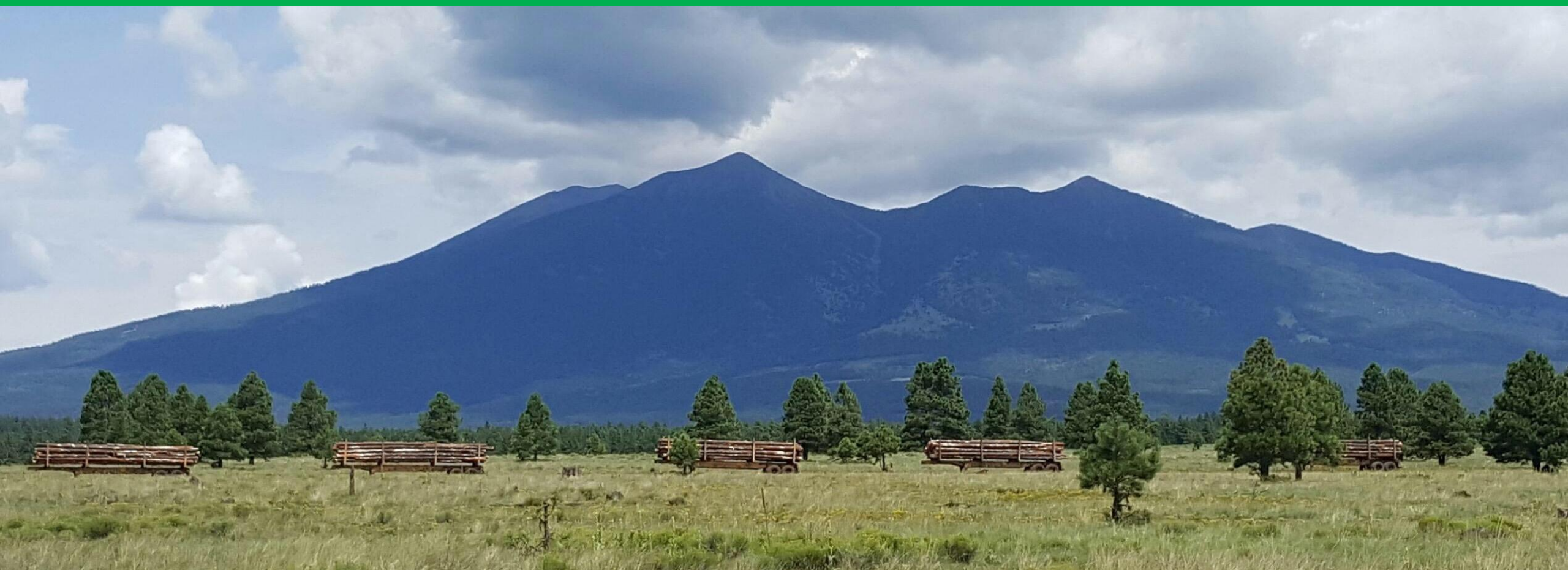


COUNCIL – SUPERVISORS UPDATE

County: Forest Restoration – Jay Smith

City: Flagstaff Watershed Protection Project – Paul Summerfelt

June 4th, 2018



UPDATE

4 June 2018



Flagstaff Watershed Protection Project

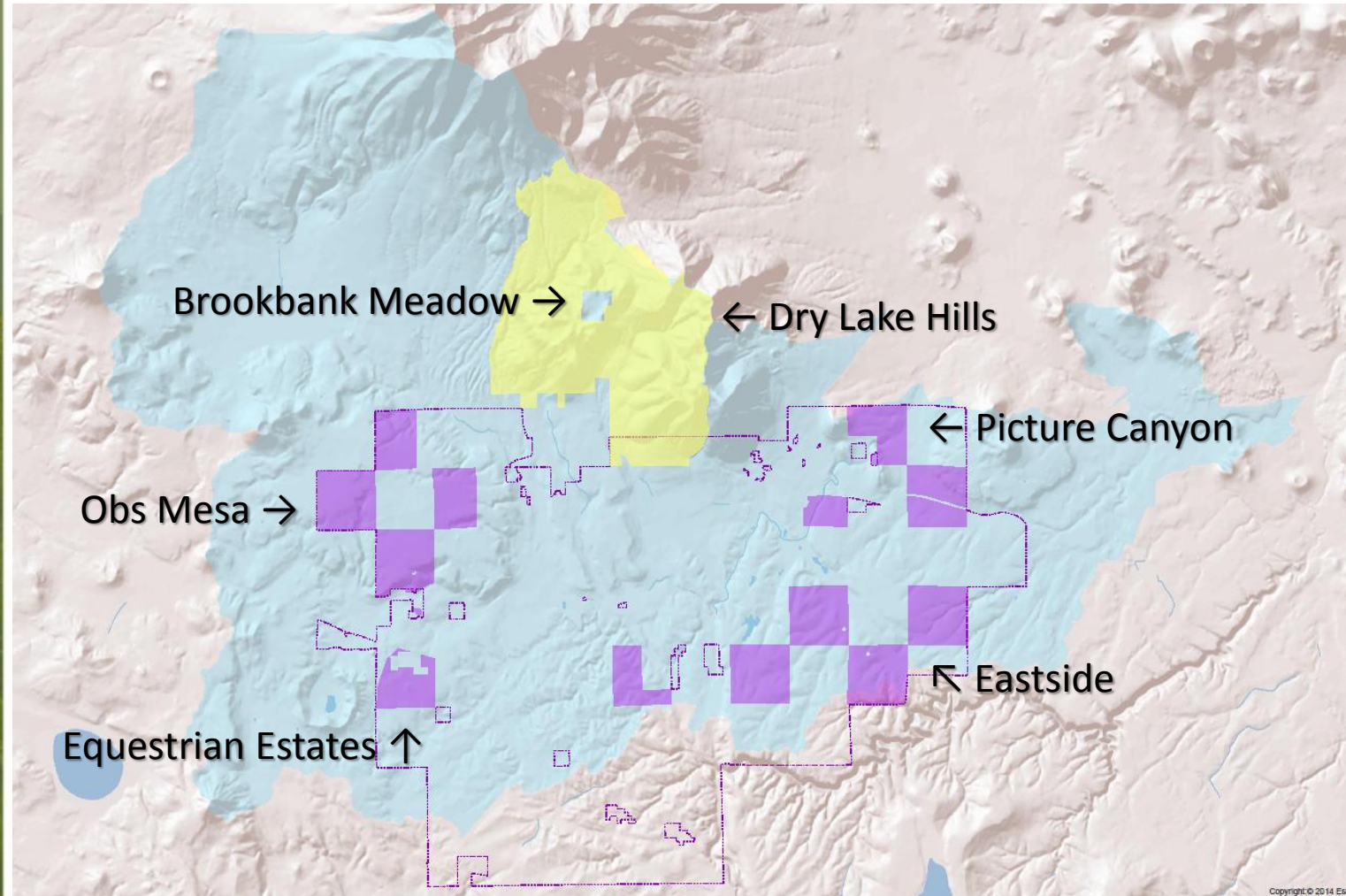
- History
- Organization
- Work Flow
- Successes
- Challenges
- Future



History



North Half: Rio de Flag



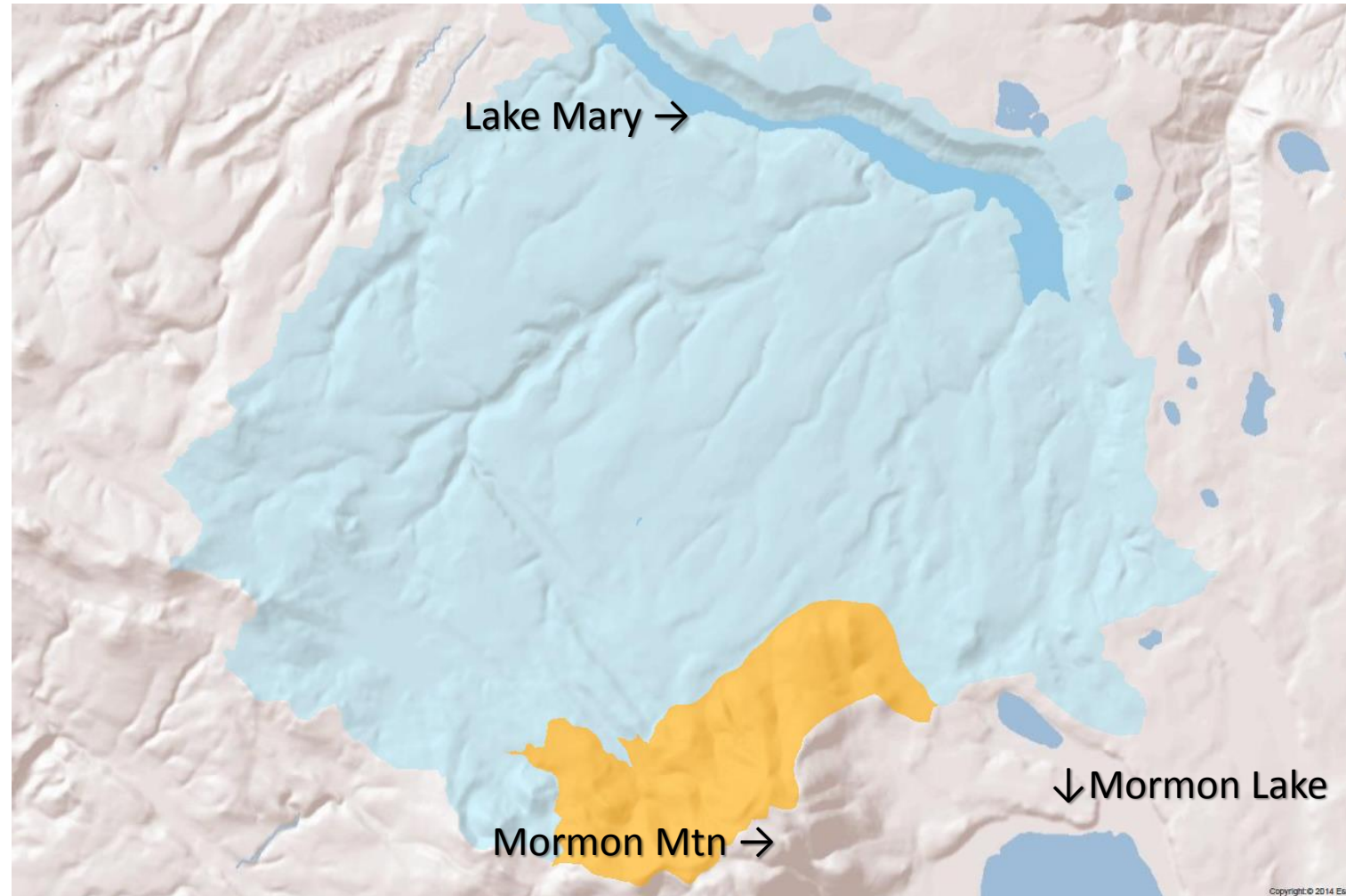
Blue – Rio de Flag watershed; Purple – City & State, Yellow – Federal

Focus ➡ **flooding/community**

History



South Half: Lake Mary



Blue – Lake Mary watershed; Gold – Federal

Focus ➡ **flooding/reservoir**

History



- Envisioned in 2011
- \$10M bond capacity available
- City Manager recommendation, Council approval summer 2012
- 74% approval, Nov 2012



Organization



- Project:
 - Executive Team
 - Communications Team
- City:
 - Council/Leadership
 - Staff
 - Greater Flagstaff Forests Partnership
- Federal:
 - WO, RO, Coconino NF, Flagstaff RD
 - Interdisciplinary Planning Team
 - Implementation Team

Work Flow



- Progression of Treatments

- Sequence

City & State ↔ *Federal (I, II, III)*

- Treatment Acres

1st five years ➡ *City, State, Federal (I)*

Current ➡ *City/Federal (I)*

Next ➡ *Federal (II)*

Future ➡ *Federal (III)*

Work Flow



• Treatment Types

- Harvesting
 - Hand
 - Traditional mechanical
 - Steep-slope mechanical
 - Cable
 - Helicopter
- Rx fire

• Treatment Methods

- Service
- Sale

Work Flow



- Cutting Prescriptions
 - City
 - Forest Stewardship & CWP Plans
 - GTR 310
 - Partner input/review
 - Long-term investment
 - State:
 - Mission
 - Recurring harvest/wood production
 - Federal:
 - Forest Plan
 - NEPA → FEIS/FROD
 - Fuel reduction
 - Site specific rx by staff

Work Flow



- 11,600 acres w/FWPP boundaries:
 - City/State – 3,500 acres
 - Federal – 8,100 acres
 - DLH: 5,100 acres -
 - Phase I - 660 (M) + 100 (H) + 100 (H)
 - Phase II - 480 (M) + 2,360 (M) + 500 (H)
 - Orion TO - 900 (M)
 - MM: 3,000 acres ±



Work Flow



- \$ Allocation

\$ 3.4 M – Spent

\$ 4.6 M – Encumbered (Phase II)

\$ 2.0 M – Planned (grant matches,
operating/treatment
expenses

\$10.0 M – Total bond

- City State – 3,500 acres
- Federal – 5,960 acres

9,460 acres

Successes

- 4,000 acres thinned/harvested
- 1,500 acres of slash chipped and removed
- 1,900 acres of slash piled and burned
- 1,000 acres broadcast burned
- 3,300 acres of tree marking
- 1,500 cords of firewood



Successes



- 500 acres of material provided for mixed coal-green biomass generating test
- 1,400 acre 3-year field test/use of Tablet Technology
- Steep-slope timber harvesting equipment test
- City Monitoring Plan
- 13,200 hrs of volunteer labor



Successes

- Environmental planning on federal lands
- Rebuilt/resurfaced 8 miles of existing roads
- Federal lands boundary surveys within Dry Lake Hills area
- 4 hydrologic gauge stations
- MSO monitoring



Successes

- 20+ Agreements
- 50+ public events
- Numerous tours & visits
- Reports, Case-Studies, Media
- 5 new partners
- Acquired \$5.2 million outside funds



Challenges



- 5½ years into 10 year project . . .
Transition from *Project Vision* to *Project Planning* to *Operational Execution*
 - For 78% of area, we are not JHA
 - Terrain
 - Critical wildlife habitat
 - Timber markets
 - Operator availability/viability
 - Information outreach
 - Personnel turnover
 - Unknowns
 - No road map

Challenges



- Funding Refinement – **Potential** Need
 - Where
 - Dry Lake Hills (II) - \$2.5 M
 - *Dependent upon bids received/awarded (fall) and contract performance (2018-2020)*
 - Mormon Mtn (III)- \$2.0 M
- How are we addressing?
 - 5 Year Commitment
 - CM/BT, Partners, Community members
 - Council workshops

Future

- How are we addressing?
 - Innovative approaches:
 - International round-wood export
 - ACE internal fund-raiser
 - NFF – NAFF discussions
 - Additional leverage funds
 - New monies/in-kind commitments
 - Refining approach w/USFS, talking to partners/community members



Future

- Bond fully spent/encumbered
Dec 2019
- July 2019 (FY20) critical



Wrap-Up



- Its about . . .
 - Exceptional danger,
 - Reducing risk,
 - Partnering with others,
 - Qualify of life,
 - Forests as integral part of our community and water system,
 - Investment in our future,
 - Recognition we can't wait for others to act

Questions?

www.flagstaffwatershedprotection.org

