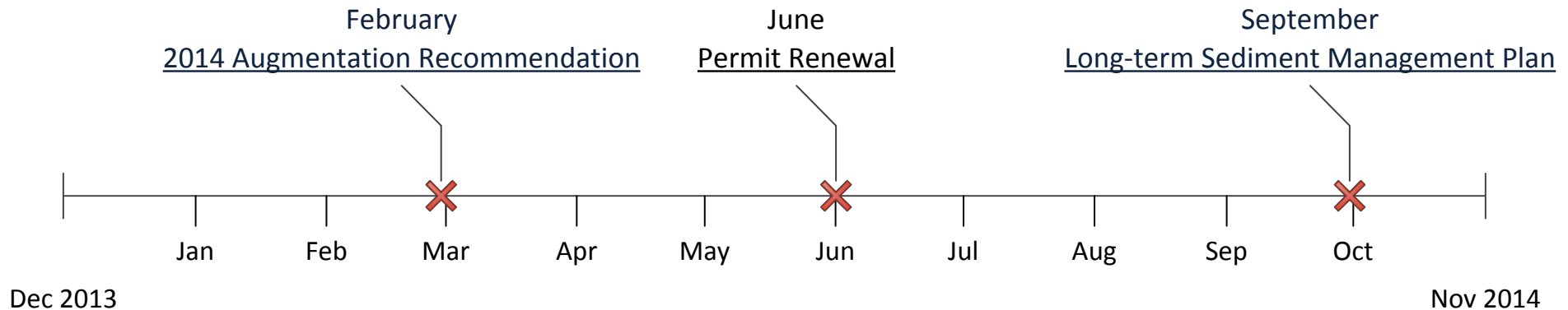


FY14 Gravel Augmentation Related Milestones



2014 Augmentation Recommendation

- 2014 augmentation covered by existing permits.
- Potential gravel placement areas:
 - Lewiston Upstream (Weir Hole)*
 - Lewiston Downstream (Cableway)*
 - Sawmill*
 - Lowden Ranch*
 - Trinity House Gulch*
- Workgroup accumulating physical & habitat data for potential placement areas for discussion in December.
- Consensus gravel augmentation recommendation to TMC by the end of February 2014 in coordination with hydrograph recommendations.
- Proponent will provide the following for alternatives:
 - Project description*
 - Justification*
 - Predicted channel response*
 - Supporting analysis*
 - Evaluation plan*
 - Uncertainties / potential risks*

Permit Renewal

- Brandt Guturmuth has the lead for permitting.
- In order to have permits for 2015, Brandt needs a general project description by June 2014:
 - Rationale (general & site specific)*
 - Location*
 - Volume*
 - Frequency*
 - Grain size*
 - Timing*
 - Placement method*
 - Cleanliness*
 - Sediment source & haul distance*
- Brandt asks the gravel augmentation workgroup to provide information to support any proposed changes from past practices. He has the information he needs to continue with the five long-term coarse sediment placement areas.
- **Permit could be amended in the future if information supports a change.**

Long-term Sediment Management Plan

- A Multiple elements developed over this fiscal year. Includes:
 - Developing sediment routing model*
 - Creating a long-term operational plan built on specific, testable hypotheses of how gravel moves through the system, how gravel augmentation in conjunction with flow management influences channel form, & how changes in channel form influence the quantity & quality of fish habitat*
 - Refining objectives*
 - Updating the physical monitoring plan*
 - Assemble data associated with / evaluate effectiveness of past augmentations*
 - Clarifying decision making process & improving documentation*
- **Other?**