

Pilot Joe Multiparty Monitoring Team
Objectives and Indicators
Draft 9/12/11

Objectives relate to the purpose and need of the project as outlined in the Pilot Joe EA. They identify intended change or impact. Objectives inform the evaluation of management and provide opportunity to improve both learning and future management.

Indicators are used to measure change, progress or other identified questions related to management activities and outcomes. Indicators provide information helpful in assessing success and recommending change.

Most indicators will be applied related to a baseline. Qualitative and quantitative measures will be used, though quantitative measures are generally preferred.

This framework will inform initial spatial monitoring, public acceptance and economic assessments, as well as basis for the next round of public meeting expected in Spring 2012.

Objective One: Increase forest ecosystem resistance and resilience.

Indicators:

1. Risk of uncharacteristic fire.
2. Tree vigor.
3. Stand Density.
4. Composition of tree and understory diversity.
5. Mean Diameter.

Objective Two: Increase spatial heterogeneity to benefit biodiversity and species of concern at the stand and landscape scale.

Indicators:

1. Measure of stand level skips and gaps.
2. Stand level structural complexity.
3. Canopy cover.
4. Seral stage composition at the landscape scale.
5. Bird species composition.
6. Snag and down woody material abundance.
7. Prey base distribution and abundance.
8. Butterfly distribution and abundance.
9. Reptile and amphibian distribution and abundance.

Objective Three: Conserve and improve northern spotted owl habitat through LSEA (late seral emphasis area) design.

Indicators:

1. Risk of fire to LSEA's.
2. Percent NRF, dispersal and unsuitable habitat.
3. Telemetry findings.

Objective Four: Generate jobs and support regional manufacturing infrastructure.

Indicators:

1. Jobs created or maintained.
2. Board feet and ton weight of material harvested.
3. Market utilization by product category.
4. Contracting effectiveness.

Objective Five: Gain public support for active management in federal forests.

Indicators:

1. Public awareness survey.
2. Pilot Joe community outreach and engagement.
3. Scoping and Environmental Assessment comments.
4. Multiparty monitoring.