



SUSITNA-WATANA


HYDROELECTRIC PROJECT

Social Resources: Transportation, Air
Quality & Health Impact Assessment

March 5, 2013





-  FERC Study Plan Determination – February 1, 2013
RSP study plans without further modification:
- 15.5 Regional Economic Evaluation Study
 - 15.6 Social Conditions and Public Goods and Services Study
 - 15.7 Transportation Resources Study
 - 15.8 Health Impact Assessment Study
 - 15.9 Air Quality Study



First Quarter 2013

- Data collection underway
 - Transportation facility inventories by mode
 - Existing transportation plans by mode
 - Capital improvement plans
 - Information on existing capacity and usage volumes

Second/Third Quarter 2013

- Asset inventory compiled
- Field reconnaissance/transportation stakeholder interviews
- Data gaps identified
- Summarize existing conditions

Fourth Quarter 2013

- Forecast future conditions (with/without Project)
- Analyze results

First Quarter 2013

- Data collection underway
 - DEC/NPS data
 - EPA eGRID data
 - Existing statewide energy plan
 - Capital improvement plans
 - Information on existing capacity and usage

Second Quarter 2013

- Summarize existing conditions/baseline emissions

Third/Fourth Quarter 2013

- Forecast future conditions (with/without Project)
- Analyze results



1Q HIA Implementation Strategy

- Coordinate field studies with ADF&G & Subsistence Team
 - Nutritional baseline
 - Key informant health interviews (following TK workshops)
 - Community assessments at same time as other work in community
- Conduct data collection/analysis
 - Existing health data and published scientific literature
 - Collect study results from other studies
 - Transportation
 - Hg Bioaccumulation
 - Air Quality
 - Water Quality
 - Erosion
 - Subsistence
 - Recreation/River Use
 - Social Conditions
 - Project Engineering Specifications
- Identify data gaps



1Q HIA Implementation

- Collected food consumption/nutrition data with ADF&G
 - Jan 20-26, 2013 – Talkeetna, Chase, Trapper Creek
 - Feb 10-17, 2013 – Cantwell
 - Feb 19-March 2, 2013 - Gakona
- Conducted Community Health Assessments
 - Kenny Lake
 - Chase
 - Cantwell
 - Talkeetna
 - Trapper Creek
 - Gakona
- Initiated baseline literature review
- Initiated health key informant interview plan
- Identified initial potential data gaps