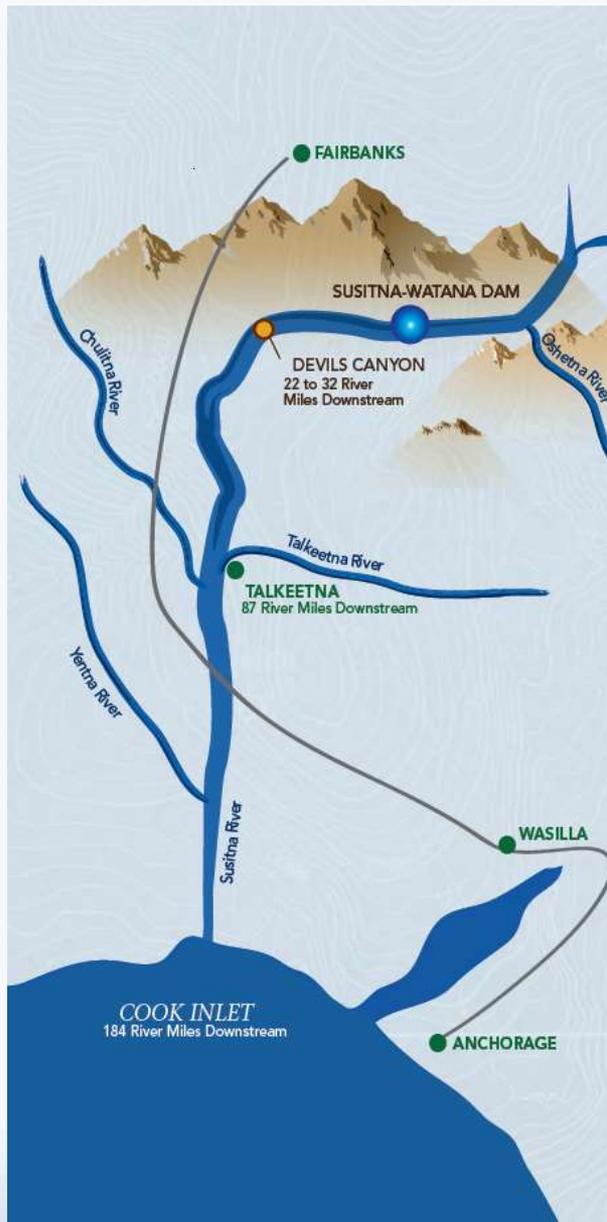


# Initial Study Report Meeting

## *Study 15.6 Social Conditions and Public Goods and Services*

*March 30, 2016*

Prepared by  
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# Study 15.6 Status

## ISR documents (ISR Part D Overview):

- Initial Study Report: Parts A, B and C (June 3, 2014)

## Status:

- Data collection tasks completed in 2013.
- Recreation data has been incorporated into the Random Utility Model (RUM).
- Updates to the RUM are continuing.

## *Study 15.6 Objectives*

- Describe, using text and appropriate tables and graphics, existing socioeconomic conditions within the study area.
- Evaluate the effects of on-site manpower requirements, including the number of construction personnel who currently reside within the study area, who would commute to the site from outside the study area, or who would relocate temporarily within the study area.
- Estimate total worker payroll and material purchases during construction and operation.
- Evaluate the impact of any substantial immigration of people on governmental facilities and services, and describe plans to address the impact on local infrastructure.

*continued*

## *Study 15.6 Objectives, continued*

- Determine whether existing housing within the study area is sufficient to meet the needs of the additional population.
- Describe the number and types of residences and businesses that might be displaced by the Project access road and transmission corridors.
- Describe, based on other studies, what bio-physical attributes of the Susitna River system may change as a result of the Project and what those changes might mean to commercial opportunities related to fishing, logging, agriculture, mining, and recreational activities, recreation and subsistence use values, quality of life, community use patterns, non-use environmental values, and social conditions of the area.

## Study 15.6 Components

- Data Collection and Analysis (ISR Part A, Section 4.1; pg. 2)
  - Demographic characteristics of the study area (population size and density, age composition, race/ethnicity characteristics)
  - Economy (per capita income employment, unemployment, composition of workforce)
  - Specific economic sectors (construction, transportation, recreation and tourism, commercial fishing, oil and gas, electric utilities, Alaska Native entities)
  - Housing
  - Local infrastructure and public services (law enforcement, fire departments, hospitals and medical facilities, schools, waste disposal, sewer/water, other utilities)
  - Local government finances
  - Ecosystem services
  - Quality of life

## Study 15.6 Variances

- Previously, based on information presented in the Transportation Resources Study (ISR Study 15.7), which describes the primary sources and destinations of Project-related road and railroad traffic, ***Seward, Point MacKenzie, Whittier, Wasilla, and Houston were added to the list of potentially affected communities in the study area.*** (ISR Part A, Section 4)
- No other variances occurred.

# Study 15.6 Summary of Results

(ISR Part A, Section 5)

- Baseline Socioeconomics:
  - Updated baseline socioeconomic information
    - Employment by sector
    - Resident Labor Force
    - Unemployment, Poverty,
    - Demographic Characteristics (Age, Ethnicity, Income)
    - Services, Taxes, Revenues
    - School Data
- Random Utility Model (RUM):
  - Provided a detailed methodology
  - Processed mail survey data

## *AEA's Proposed Modifications to Study 15.6 (ISR Study 15.6, Part C – Section 7.1.2)*

- **Clarification:**
- ISR Part D, Section 7 indicated that AEA planned no modifications to the methods for the study.
  - Both the RUM modeling and the Quality of Life survey require information from studies which have yet to be completed and policy decisions regarding the level of public access. As such, we propose moving these elements to the licensing process.
  - We have proposed using IMPLAN to complete Study 15.5 instead using REMI. We propose using the IMPLAN results in Study 15.6 instead of REMI results.

## *Steps to Complete Study 15.6 (ISR Study 15.6, Part C – Section 8)*

To complete this study, AEA will implement the methods in the Study Plan (RSP Section 15.6.4). The following study components will be undertaken:

- In conjunction with Study 15.5, the study will incorporate the IMPLAN results associated with the regional economic impact of Project employment and expenditures during the construction and operations phases.
- Changes in annual government expenditures and revenues for the state and each borough to the extent practicable.
- The socioeconomic effects of changes in transportation patterns will be described in quantitative or qualitative terms.
- The RUM data collection and model will be summarized.

*continued*

## *Steps to Complete Study 15.6 (ISR Study 15.6, Part C – Section 8), cont.*

To complete this study, AEA will implement the methods in the Study Plan (RSP Section 15.6.4), with no modifications. The following study components will be undertaken:

- Potential changes in property uses will be described, and, to the extent practicable, the changes in property values that would result from changes in use will be estimated.
- The socioeconomic effects of changes in transportation patterns will be described in quantitative or qualitative terms.
- Potential changes to quality of life will be identified based on information collected from key informant interviews supplemented with information collected by the public surveys and focus groups.

## *Licensing Participants Proposed Modifications to Study 15.6?*

- Agencies
- CIRWG members and Ahtna
- Public