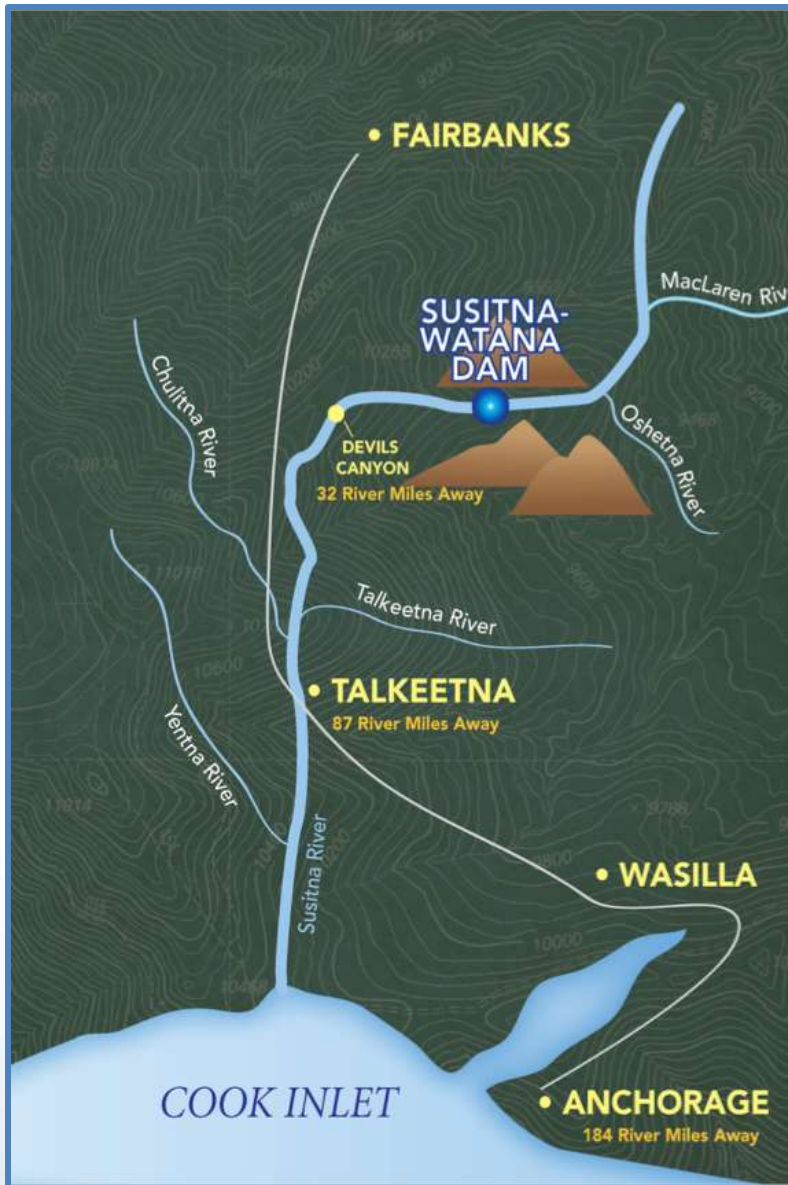


Technical WorkGroup Meeting Q4 2013 TWG

HIA Implementation November 7, 2013

Prepared by NewFields



RSP 15.8 Health Impact Assessment ²

Presentation Overview

- *HIA methodology overview*
- *Relationships with other studies*
- *Program activities thus far*
- *Variances*
- *Next Steps*

RSP 15.8 HIA Study – Q4 2013 Update³

HIA Methodology Overview

- *Structured planning process to inform decision making*
- *Identifies potential positive and negative impacts on health of residents*
- *Organized by Health Effect Categories*

RSP 15.8 HIA Study – Q4 2013 Update⁴

HIA Methodology Overview

- *Health Effects Categories Under Evaluation*
 - *Social determinants of health*
 - *Accidents and injuries*
 - *Potential exposure to hazardous materials*
 - *Food, nutrition, and subsistence activity*
 - *Infectious disease*
 - *Water and sanitation*
 - *Non-communicable and chronic diseases*
 - *Health services infrastructure and capacity*



RSP 15.8 HIA Study – Q4 2013 Update⁵

- *Relationship with Other Studies*
 - *Transportation*
 - *Air Quality*
 - *H₂O Quality/Monitoring*
 - *Hg Bioaccumulation*
 - *Erosion*
 - *Subsistence*
 - *Social Conditions*
 - *Recreation/River Use*
 - *Engineering*



RSP 15.8 Activities – Q4 2013 Update⁶

- *Potentially affected communities (PACs) under evaluation according to HECs*
 - *Proximity*
 - *Exposure to hazards*
 - *Construction camp communities*
 - *Transportation corridors*
 - *Railway corridor*
 - *Subsistence use populations*
 - *Downstream communities & populations*
 - *Port facility areas*



RSP 15.8 Activities – Q4 2013 Update⁷

- *Collected food consumption/nutrition data with ADF&G:*
 - *Jan 20-26, 2013 - Talkeetna, Chase, Trapper Creek*
 - *Feb 10-17, 2013 - Cantwell*
 - *Feb 19-Mar 2, 2013 - Gakona*
- *Conducted community health observations in Kenny Lake, Talkeetna, Chase, Trapper Creek, Cantwell, and Gakona*
- *Initiated baseline literature review - ongoing*
- *Developed health key informant health interview plan and conducted health discussions in Cantwell following the TLK workshop*
- *Identified initial potential data gaps*

RSP 15.8 Activities – Q4 2013 Update⁸

- *Ongoing community baseline health data research*
 - *CDC, WHO, PubMed scientific articles, etc.*
 - *Population Health Metrics; National Center for Health Statistics*
 - *Alaska Native Tribal Health Consortium EpiCenter*
 - *Alaska Department of Health and Human Services, Women's, Children's and Family Health Program*
 - *Alaska Trauma Registry, Alaska Bureau of Vital Statistics*
 - *Alaska Bureau of Vital Statistics: age-specific birth rates*
 - *Alaska Youth Risk Behavior Survey*
 - *Alaska Hospital Discharge Database*
 - *Alaska Department of Public Safety*
 - *Alaska Department of Health and Human Service, Chronic Disease Prevention and Health Promotion Program: sexual violence/intimate partner violence summary report*
 - *United States Census Bureau*
 - *Alaska Department of Labor*
 - *Alaska Community Information Database*
 - *Alaska Department of Fish and Game*
 - *Maps – Geodatabases for relevant project areas*



RSP 15.8 Activities – Q4 2013 Update⁹

- *Documenting baseline data collected through literature review, community observations and health discussions*
- *Collecting data from other study areas (as available) and evaluating as relevant from a health perspective*
- *PACs are identified by potential risk*
- *Potential health issues are under evaluation*



RSP 15.8 HIA Study – Variances

- *None*

RSP 15.8 HIA – Next Steps

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- *Continue baseline health data research*
- *Continue ongoing collection of results from other study teams & integrate into ISR and USR*
- *Continue identification of PACs by HEC*
- *Continue community based health discussions following TLK workshops*
- *Continue to identify potential health issues*
- *Continue to participate with ADF&G survey work*