

APPENDIX F

Environmental Justice Technical Appendix

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Tables F-1 through F-9 summarize the environmental justice determination of the 139 communities that are within 50 miles of, or have subsistence use areas overlapping, the subsistence focused analysis area, as summarized in Section 3.14, Subsistence, in the ANCSA 17(d)(1) withdrawals environmental impact statement. Of the 139 subsistence communities that would be experience impacts to subsistence, 117 are considered environmental justice populations of concern; these communities had a total population of 45,974 in 2022.

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Table F-1. Environmental Justice Communities that Overlap with 17(d)1) Withdrawals in the Ring of Fire Planning Area

Community	Estimated Population in 2022	Minority %	Minority Population of Concern	Justification for Minority Classification	Low-Income %	Low-Income Population of Concern	Justification for Low-Income Determination
Whittier	253	44%	Yes	MGT BCA%	42%	Yes	≥ AK and BCA%
Beluga	33	32%	Yes	MGT BCA%	0%	No	Not low income
Hope	167	11%	No	Not minority	52%	Yes	50% + low income
Nanwalek	241	94%	Yes	50% + minority	57%	Yes	50% + low income
Nikolaevsk	355	16%	No	Not minority	30%	Yes	≥ AK and BCA%
Ninilchik	930	22%	No	Not minority	31%	Yes	≥ AK and BCA%
Seldovia	261	34%	Yes	MGT BCA%	19%	No	Not low income
Tyonek	152	99%	Yes	50% + minority	43%	Yes	≥ AK and BCA%
Klukwan	868	89%	Yes	50% + minority	35%	Yes	≥ AK and BCA%
Chickaloon	246	16%	No	Not minority	30%	Yes	≥ AK and BCA%
Skwentna	51	6%	No	Not minority	71%	Yes	50% + low income
Susitna	14	36%	Yes	MGT BCA%	NA	No income data	No income data
Trapper Creek	504	17%	No	Not minority	39%	Yes	≥ AK and BCA%
Willow	2,386	15%	No	Not minority	37%	Yes	≥ AK and BCA%
Crown Point	123	24%	Yes	MGT BCA%	29%	Yes	≥ AK and BCA%
Egegik	30	62%	Yes	50% + minority	17%	No	Not low income
Fox River	652	4%	No	Not minority	54%	Yes	50% + low income
Happy Valley	701	18%	No	Not minority	8%	Yes	≥ AK and BCA%
Susitna North	1,639	16%	No	Not minority	38%	Yes	≥ AK and BCA%
Point MacKenzie	2,092	54%	Yes	50% + minority	13%	No	Not low income

Sources: Alaska Department of Labor and Workforce Development (2023); U.S. Census Bureau (2023).
Notes: 50% + minority = 50 percent or more of the population is non-Caucasian.
50% + low income: 50 percent or more of the population has income levels that are less than two times the Federal poverty level.
MGT BCA%: The minority percentage is meaningfully greater (MGT) than the borough's or census area's (BCA) percentage.
≥ AK and BCA%: The low-income percentage is greater than the Alaska (AK) low-income percentage and the borough's or census area's (BCA's) low-income percentage.
No income data: No data regarding income levels are available.

Table F-2. Communities Determined to Not Have Environmental Justice Classifications that Overlap with 17(d)1) Withdrawals in the Ring of Fire Planning Area

Community	Estimated Population in 2022	Minority %	Minority Population of Concern	Justification for Minority Classification	Low-Income %	Low-Income Population of Concern	Justification for Low-Income Determination
Haines	1,788	25%	No	Not minority	21%	No	Not low income
Cooper Landing	364	8%	No	Not minority	7%	No	Not low income
Talkeetna	1,060	12%	No	Not minority	17%	No	Not low income
Chase	25	21%	No	Not minority	NA	No income data	No income data
Halibut Cove	65	8%	No	Not minority	8%	No	Not low income
Moose Pass	232	9%	No	Not minority	0%	No	Not low income
Petersville	31	19%	No	Not minority	NA	No income data	No income data
Sunrise	14	13%	No	Not minority	0%	No	Not low income
Point Possession	6	11%	No	Not minority	NA	No income data	Not low income

Sources: Alaska Department of Labor and Workforce Development (2023); U.S. Census Bureau (2023).
Notes: 50% + minority = 50 percent or more of the population is non-Caucasian.
50% + low income: 50 percent or more of the population has income levels that are less than two times the Federal poverty level.
MGT BCA%: The minority percentage is meaningfully greater (MGT) than the borough's or census area's (BCA) percentage.
≥ AK and BCA%: The low-income percentage is greater than the Alaska (AK) low-income percentage and the borough's or census area's (BCA's) low-income percentage.
No income data: No data regarding income levels are available.

Table F-3. Environmental Justice Communities that Overlap with 17(d)1) Withdrawals in the Bay Planning Area

Community	Estimated Population in 2022	Minority %	Minority Population of Concern	Justification for Minority Classification	Low-Income %	Low-Income Population of Concern	Justification for Low-Income Determination
Platinum	49	98%	Yes	50% + minority	0%	No	Not low income
Naknek	431	64%	Yes	50% + minority	26%	Yes	≥ AK and BCA%
South Naknek	57	76%	Yes	50% + minority	16%	Yes	≥ BCA%
Aleknagik	198	81%	Yes	50% + minority	40%	Yes	≥ AK%
Clark's Point	64	94%	Yes	50% + minority	87%	Yes	50% + low income
Dillingham	2,222	74%	Yes	50% + minority	25%	Yes	≥ AK%
Ekwok	97	91%	Yes	50% + minority	81%	Yes	50% + low income
Koliganek	173	97%	Yes	50% + minority	63%	Yes	50% + low income
Manokotak	484	96%	Yes	50% + minority	67%	Yes	50% + low income
New Stuyahok	461	95%	Yes	50% + minority	68%	Yes	50% + low income
Portage Creek	4	50%	Yes	50% + minority	100%	Yes	50% + low income
Togiak	770	95%	Yes	50% + minority	67%	Yes	50% + low income
Twin Hills	93	96%	Yes	50% + minority	81%	Yes	50% + low income
Igiugig	63	81%	Yes	50% + minority	2%	No	Not low income
Iliamna	115	76%	Yes	50% + minority	31%	Yes	≥ AK%
Kokhanok	145	93%	Yes	50% + minority	71%	Yes	50% + low income
Levelock	65	99%	Yes	50% + minority	68%	Yes	50% + low income
Newhalen	181	90%	Yes	50% + minority	60%	Yes	50% + low income
Nondalton	127	92%	Yes	50% + minority	50%	Yes	≥ AK and BCA%
Pedro Bay	27	54%	Yes	50% + minority	44%	Yes	≥ AK and BCA%
Pope-Vannoy Landing	5	83%	Yes	50% + minority	NA	No Income Data	No Income Data

Sources: Alaska Department of Labor and Workforce Development (2023); U.S. Census Bureau (2020, 2022).

Notes: 50% + minority = 50 percent or more of the population is non-Caucasian.

50% + low income: 50 percent or more of the population has income levels that are less than two times the Federal poverty level.

≥ AK% = The low-income percentage is greater than the Alaska (AK) low-income percentage.

≥ BCAs%: The low-income percentage is greater than the borough's or census area's (BCA's) low-income percentage.

≥ AK and BCA%: The low-income percentage is greater than the Alaska (AK) low-income percentage and the borough's or census area's (BCA's) low-income percentage.

Table F-4. Communities determined to Not have Environmental Justice Classifications that Overlap with 17(d)1) Withdrawals in the Bay Planning Area

Community	Estimated Population in 2022	Minority %	Minority Population of Concern	Justification for Minority Classification	Low-Income %	Low-Income Population of Concern	Justification for Low-Income Determination
King Salmon	312	40%	No	Not minority	6%	No	Not low income
Port Alsworth	174	36%	No	Not minority	10%	No	Not low income
Ekuk	0	NA	No population	No population	NA	No population	No population

Sources: Alaska Department of Labor and Workforce Development (2023); U.S. Census Bureau (2020, 2022).
Notes: 50% + minority = 50 percent or more of the population is non-Caucasian.
50% + low income: 50 percent or more of the population has income levels that are less than two times the Federal poverty level.
≥ AK% = The low-income percentage is greater than the Alaska (AK) low-income percentage.
≥ BCAs%: The low-income percentage is greater than the borough's or census area's (BCA's) low-income percentage.
≥ AK and BCA%: The low-income percentage is greater than the Alaska (AK) low-income percentage and the borough's or census area's (BCA's) low-income percentage.

Table F-5. Environmental Justice Communities that Overlap with 17(d)1) Withdrawals in the East Alaska Planning Area

Community	Estimated Population in 2022	Minority %	Minority Population of Concern	Justification for Minority Classification	Low-Income %	Low-Income Population of Concern	Justification for Low-Income Determination
Tatitlek	81	87%	Yes	50% + minority	0%	No	Not low income
Chistochina	56	82%	Yes	50% + minority	33%	Yes	≥ AK and BCA%
Chitina	97	52%	Yes	50% + minority	42%	Yes	≥ AK and BCA%
Copper Center	316	63%	Yes	50% + minority	35%	Yes	≥ AK and BCA%
Cordova	2,566	37%	Yes	MGT BCA%	9%	No	Not low income
Gakona	181	41%	No	Not minority	58%	Yes	50% + low income
Glennallen	427	29%	No	Not minority	35%	Yes	≥ AK and BCA%
Gulkana	89	64%	Yes	50% + minority	19%	No	Not low income
Kenny Lake	294	13%	No	Not minority	70%	Yes	50% + low income
Mendeltna	46	3%	No	Not minority	64%	Yes	50% + low income
Mentasta Lake	118	83%	Yes	50% + minority	49%	Yes	≥ AK and BCA%
Nabesna	2	100%	Yes	50% + minority	NA	No income data	No income data
Paxson	26	58%	Yes	50% + minority	NA	No income data	No Income data
Silver Springs	105	23%	No	Not minority	28%	Yes	≥ AK-%%
Slana	93	25%	No	Not minority	73%	Yes	50% + low income
<i>Tazlina</i>	257	44%	Yes	MGT BCA%	16%	No	Not low income
Tetlin	140	94%	Yes	50% + minority	69%	Yes	50% + low income
Cantwell	196	32%	Yes	MGT BCA%	49%	Yes	≥ AK and BCA%
Denali Park	149	8%	No	Not minority	61%	Yes	50% + low income
Ferry	17	24%	Yes	MGT BCA%	21%	No	Not low income
Glacier View	251	5%	No	Not minority	47%	Yes	≥ AK and BCA%
Dot Lake	10	24%	No	Not minority	NA	No income data	No income data
Northway	223	91%	Yes	50% + minority	46%	Yes	≥ AK and BCA%
Tanacross	141	91%	Yes	50% + minority	50%	Yes	50% + low income
Tok	1,324	32%	Yes	MGT BCA%	43%	Yes	≥ AK and BCA%

Sources: Alaska Department of Labor and Workforce Development (2023); U.S. Census Bureau (2020, 2022).
Notes: 50% + minority = 50 percent or more of the population is non-Caucasian.
50% + low income: 50 percent or more of the population has income levels that are less than two times the Federal poverty level.
MGT BCA%: The minority percentage is meaningfully greater (MGT) than the borough's or census area's (BCA) percentage.
≥ AK and BCA%: The low-income percentage is greater than the Alaska (AK) low-income percentage and the borough's or census area's (BCA's) low-income percentage.
No income data: No data regarding income levels are available.

Table F-6. Communities Determined to Not Have Environmental Justice Classifications that Overlap with 17(d)1) Withdrawals in the East Alaska Planning Area

Community	Estimated Population in 2022	Minority %	Minority Population of Concern	Justification for Minority Classification	Low-Income %	Low-Income Population of Concern	Justification for Low-Income Determination
Nelchina	46	18%	No	Not minority	0%	No	Not low income
Tolsona	12	8%	No	Not minority	0%	No	Not low income
Tonsina	51	15%	No	Not minority	0%	No	Not low income
Willow Creek	193	27%	No	Not minority	0%	No	Not low income
Anderson	247	13%	No	Not minority	14%	No	Not low income
Healy	929	13%	No	Not minority	12%	No	Not low income
Lake Louise	40	20%	No	Not minority	NA	No income data	No income data
Dry Creek	60	10%	No	Not minority	16%	No	Not low income
Eureka Roadhouse	25	21%	No	Not minority	NA	No income data	No income data

Sources: Alaska Department of Labor and Workforce Development (2023); U.S. Census Bureau (2020, 2022).
Notes: 50% + minority = 50 percent or more of the population is non-Caucasian.
50% + low income: 50 percent or more of the population has income levels that are less than two times the Federal poverty level.
MGT BCA%: The minority percentage is meaningfully greater (MGT) than the borough's or census area's (BCA) percentage.
≥ AK and BCA%: The low-income percentage is greater than the Alaska (AK) low-income percentage and the borough's or census area's (BCA's) low-income percentage.
No income data: No data regarding income levels are available.

Table F-7. Environmental Justice Communities that Overlap with 17(d)1) Withdrawals in the Kobuk-Seward Peninsula Planning Area

Community	Estimated Population in 2022	Minority %	Minority Population of Concern	Justification for Minority Classification	Low-Income %	Low-Income Population of Concern	Justification for Low-Income Determination
Brevig Mission	437	94%	Yes	50% + minority	84%	Yes	50% + low income
Golovin	190	94%	Yes	50% + minority	48%	Yes	≥ AK and BCA%
Nome	3,469	74%	Yes	50% + minority	20%	No	Not low income
Wales	113	94%	Yes	50% + minority	73%	Yes	50% + low income
Ambler	256	94%	Yes	50% + minority	82%	Yes	50% + low income
Buckland	580	99%	Yes	50% + minority	61%	Yes	50% + low income
Deering	185	97%	Yes	50% + minority	48%	Yes	≥ AK and BCA%
Kiana	413	95%	Yes	50% + minority	45%	Yes	≥ AK%
Kivalina	426	98%	Yes	50% + minority	55%	Yes	50% + low income
Kobuk	169	90%	Yes	50% + minority	62%	Yes	50% + low income
Kotzebue	2,931	84%	Yes	50% + minority	26%	Yes	≥ AK%
Noatak	540	96%	Yes	50% + minority	62%	Yes	50% + low income
Noorvik	659	98%	Yes	50% + minority	55%	Yes	50% + low income
Selawik	757	98%	Yes	50% + minority	79%	Yes	50% + low income
Shaktolik	211	91%	Yes	50% + minority	53%	Yes	50% + low income
Shungnak	251	98%	Yes	50% + minority	58%	Yes	50% + low income
Teller	234	96%	Yes	50% + minority	72%	Yes	50% + low income
White Mountain	205	94%	Yes	50% + minority	61%	Yes	50% + low income
Diomedede	82	98%	Yes	50% + minority	76%	Yes	50% + low income
Elim	354	95%	Yes	50% + minority	74%	Yes	50% + low income
Koyuk	312	96%	Yes	50% + minority	79%	Yes	50% + low income

Sources: Alaska Department of Labor and Workforce Development (2023); U.S. Census Bureau (2020, 2022).
Notes: 50% + minority = 50 percent or more of the population is non-Caucasian.
50% + low income: 50 percent or more of the population has income levels that are less than two times the Federal poverty level.
≥ AK% = The low-income percentage is greater than the Alaska (AK) low-income percentage.
≥ AK and BCA%: The low-income percentage is greater than the Alaska (AK) low-income percentage and the borough's or census area's (BCA's) low-income percentage.

Table F-8. Environmental Justice Communities that Overlap with 17(d)1) Withdrawals in the Bering Sea-Western Interior Planning Area

Community	Estimated Population in 2022	Minority %	Minority Population of Concern	Justification for Minority Classification	Low-Income %	Low-Income Population of Concern	Justification for Low-Income Determination
Akiachak	667	96%	Yes	50% + minority	73%	Yes	50% + low income
Aniak	486	83%	Yes	50% + minority	41%	Yes	≥ AK%
Tuluksak	420	97%	Yes	50% + minority	83%	Yes	50% + low income
Marshall	479	98%	Yes	50% + minority	100%	Yes	50% + low income
Russian Mission	407	98%	Yes	50% + minority	63%	Yes	50% + low income
Unalakleet	722	86%	Yes	50% + minority	31%	Yes	≥ AK%
Stony River	68	93%	Yes	50% + minority	77%	Yes	50% + low income
Nikolai	94	88%	Yes	50% + minority	63%	Yes	50% + low income
Sleetmute	75	85%	Yes	50% + minority	60%	Yes	50% + low income
Stebbins	629	95%	Yes	50% + minority	68%	Yes	50% + low income
Takotna	55	54%	Yes	50% + minority	83%	Yes	50% + low income
Telida†	2	NA	ANVSA	ANVSA	NA	No income data	No income data
Galena	435	76%	Yes	50% + minority	28%	Yes	≥ AK%
Georgetown	1	NA	ANVSA	ANVSA	NA	No income data	No income data
Huslia	313	96%	Yes	50% + minority	64%	Yes	50% + low income
Akiak	480	96%	Yes	50% + minority	68%	Yes	50% + low income
Anvik	58	96%	Yes	50% + minority	47%	Yes	≥ AK%
Chuathbaluk	83	96%	Yes	50% + minority	80%	Yes	50% + low income
Crooked Creek	90	99%	Yes	50% + minority	83%	Yes	50% + low income
Upper Kalskag	205	93%	Yes	50% + minority	54%	Yes	50% + low income
Grayling	186	98%	Yes	50% + minority	70%	Yes	50% + low income
Holy Cross	159	96%	Yes	50% + minority	49%	Yes	≥ AK and BCA%
Lake Minchumina	37	40%	No	Not minority	47%	Yes	≥ AK and BCA%
Lower Kalskag	270	98%	Yes	50% + minority	83%	Yes	50% + low income
McGrath	272	65%	Yes	50% + minority	35%	Yes	≥ AK%
Red Devil	24	91%	Yes	50% + minority	0%	No	
Pilot Station	627	99%	Yes	50% + minority	77%	Yes	50% + low income
Saint Mary's	585	96%	Yes	50% + minority	60%	Yes	50% + low income
Saint Michael	446	95%	Yes	50% + minority	67%	Yes	50% + low income
Shageluk	91	96%	Yes	50% + minority	86%	Yes	50% + low income

Sources: Alaska Department of Labor and Workforce Development (2023); U.S. Census Bureau (2020, 2022).
Notes: 50% + minority = 50 percent or more of the population is non-Caucasian.
50% + low income: 50 percent or more of the population has income levels that are less than two times the Federal poverty level.
≥ AK% = The low-income percentage is greater than the Alaska (AK) low-income percentage.
ANVSA: Minority data are not available; however, because this place is designated as an Alaska Native Village Statistical Area, it is assumed that the majority of the population is non-Caucasian.
No income data: No data regarding income levels are available.

Table F-9. Communities Determined to Not Have Environmental Justice Classifications that Overlap with 17(d)1) Withdrawals in the Bering Sea-Western Interior Planning Area

Community	Estimated Population in 2022	Minority %	Minority Population of Concern	Justification for Minority Classification	Low-Income %	Low-Income Population of Concern	Justification for Low-Income Determination
Napaimute	0	NA	No population	No population	NA	No population	No population

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Literature Cited

- Alaska Department of Labor and Workforce Development. 2023. Alaska Population Estimates. Available online at <https://live.laborstats.alaska.gov/data-pages/alaska-population-estimates>. Accessed on July 24, 2023.
- U.S. Census Bureau. 2020. 2020 *Decennial Census; Profile of General Population and Housing Characteristics*. Available online at [https://data.census.gov/table?q=DP1:+GENERAL+DEMOGRAPHIC+CHARACTERISTICS&g=040XX00US02,02\\$0500000,02\\$1600000&tid=DECENNIALDP2020.DP1](https://data.census.gov/table?q=DP1:+GENERAL+DEMOGRAPHIC+CHARACTERISTICS&g=040XX00US02,02$0500000,02$1600000&tid=DECENNIALDP2020.DP1). Accessed on July 7, 2023.
- . 2022. *American Community Survey 5-Year Estimates, Ratio of Income to Poverty Level in the Past 12 Months* (Table C17002). Released December 8, 2022. Available online at [https://data.census.gov/table/ACSDT5Y2021.C17002?q=C17002:+RATIO+OF+INCOME+TO+POVERTY+LEVEL+IN+THE+PAST+12+MONTHS&g=040XX00US02\\$1600000](https://data.census.gov/table/ACSDT5Y2021.C17002?q=C17002:+RATIO+OF+INCOME+TO+POVERTY+LEVEL+IN+THE+PAST+12+MONTHS&g=040XX00US02$1600000). Accessed on July 7, 2023.

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