

3-12-09
Overview:
Fuel
Pricing In
Rural
Alaska

<target><bill></bill><subject>3-12-09 Overview Fuel Pricing
In Rural Alaska</subject><comm>HENE26</comm></target>

QUESTIONS FOR FUEL TRANSPORTERS

- 1) Can you list out some of the components of fuel pricing that could explain disparities in the cost of fuel from one village to another?
- 2) In any of the components you listed – could you talk about instances where your company may have had wide variations in costs from one trip to the next?
- 3) Do you see anything cities, villages, or utilities could be doing process-wise to lower the ultimate price consumers are paying?
- 4) Any factors that can help us learn about pricing of fuel products in areas of Alaska off the road system?
- 5) What can you tell us about infrastructure advantages such as tank storage, distributor relationships or other factors that might have direct effects on retail price at the community level?
- 6) Are there any regulations or restrictions that you can identify that play a role in the overall cost of your products?
- 7) Where do you purchase the fuel? If outside, why isn't the fuel purchased in Alaska?



NorthStar Gas concerns that will have impacts on Bush Alaska

1). Transportation Costs to Rural Alaska

- a. Fuel Transportaion Costs – Fuel prices in every community are made up from 3 components
 - 1 – Market pricing (OPIS & Platts & Anchorage Jet) on the day the fuel is lifted from the refinery
 - 2 – Transportation Costs – If one has a contract with the transportation companies the cost is a flat rate by location (Lower, Middle, Upper Kuskokwim). If you do not participate with a company that has a contract you are subject to the open market transportation costs which are usually double in cost.
 - 3 –OH&M & Community Profit Margin – Landed cost of fuel plus overhead & maintance plus a % profit margin. Each community's OH&M plus the % of profit margin varies and this is why you see the varied prices in neighboring communities.
- b. Barge Services – Price per pound plus Haz Mat Receiving Charges plus Ocean Freight Related Fuel Surcharge of 25% of the total lb. cost in 2008.

Possible long term solution: Building a transportation infrastructure that would help control delivery costs.

- 1). Barge Transportation Service – Purchase barges and lease fleet out to a local Alaska company or help to provide financing.
- 2). Railroads put in where there are existing old mining roads. Example Ruby to McGrath

2). Simplify the AEA Loan application for already established customers.

- a. Rather than have each community apply yearly make the loan application good for 3 to 5 years with a yearly one page loan update.
- b. Have the loan approved based on payment history and have the funds released upon the final prior years payment being received.

3). PCE vs. Renewable Alternative Energies for rural Alaska sustainability

- a. PCE in place long term vs up front financial investment into infrastructure in rural Alaska.

4). By Pass Mail – Price increase to rural Alaska by 42% on 5/11/09

Please feel free to contact Elaine Brown if you have any questions or comments on this document at 907-644-9205 or 907-301-0566.



Division of Community & Regional Affairs (DCRA)

To: Adam Berg
From: Director Tara Jollie
Date: March 4, 2009
Per your request

Fuel Costs, Capacity and Tank Farm Ownership

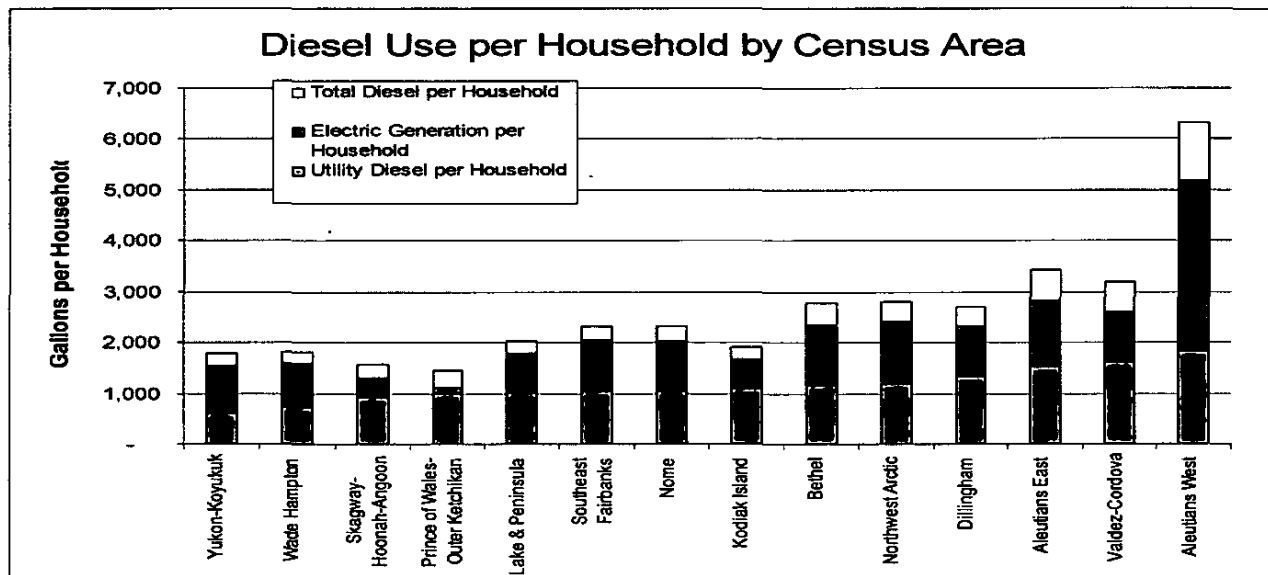
This memo provides information on:

1. Fuel price information for various communities.
2. Storage capacity for fuel around the state, and
3. Fuel usage around the state.

The fuel price information comes from surveys DCRA has conducted over the past four years. We have surveyed fuel prices in 100 communities around the state and released reports after every survey. Attached is a document that compiles that data for the last three years.

Information on storage capacity is stored in DCRA's Community Database. This information was last updated through a survey in 2007. Not all communities answered the survey so some of the information per community is more up to date than others. The information is attached as a separate document.

Information on fuel usage around the state stems from a research project conducted by the Institute of Social and Economic Research (ISER). "The goal of this project was to estimate the amount of fuel used for space heating and electricity production by communities in Alaska."¹ The report explains the mythology and the problems encountered with the data elements. By using multiple data sources and models researchers at ISER were able to determine the diesel use per household. The aggregated information by census area is illustrated in the graph below.



¹ "Alaska Community Fuel Use", Ben Saylor, Megan Wilson, Nick Szymoniak, Ginny Fay and Steve Colt, October 2008, ISER.

Owners and Capacity

Community	Pop.	Bulk Fuel Owners and Capacity
Adak	136	Aleut Corporation (9 tanks with a combined capacity of 22,000,000 gals.)
Akiok	33	City (108,000 gals.); Ward Cove Packing/Alitak
Akiachak	628	Akiachak Enterprises (69,000 gals.); Yupiit Schools (169,000); Village Council (26,750); Army National Guard (10,000); Police Station (1,050); Village Electric (76,500)
Akiak	350	Kokarmiut Corp. (316,000 gals.); Yupiit Schools (70,250); City Electric (26,000); Army National Guard (5,500)
Akutan	859	Trident Seafoods (1,786,590 gals.); City (80,000); Aleutians East Schools (1,100)
Alakanuk	681	AVEC (117,029 gals.); Native Corp. (124,000); City Water Plant (40,000); City (4,000); Lower Yukon Schools (132,000)
Alatna	30	Alaska Power & Telephone (10,500 gals.)
Aleknagik	237	Moody's Marina & Sea Lighterage (44,700 gals.); City (10,300); Mission Lodge (18,000)
Allakaket	95	City (12,000 gals.); Yukon/Koyukuk Schools (11,000); Allakatna Co-op Store (9,252); Brice Construction (10,000)
Ambler	278	AVEC (100,800 gals.); Northwest Arctic Schools (29,000); Ambler Air Service (2,153); Village Council (238,100); Nunamiut Aviation Fuel (12,000)
Anaktuvuk Pass	277	NSB/Nunamuit Fuel (226,000 gals.); NSB Water Treatment (1,200); NSW Sewage Treatment (1,200); NSB Power Plant (10,000); NSB Fire Dept (17,500); NSB Health Clinic (6,500); NSB School (2,000); NSB Old Power Plant (5,000); NSB Heavy Equip (5,000); Nunamiut R
Anchorage	283938	Defense Fuel Supply Point (Elmendorf); U.S. Army/Ft. Richardson (736,700); AFSC/Signature Flight Support/Port of Anchorage (23,100,000); numerous
Angoon	478	Angoon Oil & Gas (80,000 gals.); Tlingit Haida Regional Electric Assoc. (62,468); City Water (3,000)
Aniak	506	Moffit Contracting (682,000 gals.); Kuspuk Schools (142,100); City Maintenance Shop (1,500); Aniak Power & Light (195,000); Alaska Commercial Co (15,200); Arctic Transportation (4,000); Steve Hill (21,000); Ryan Air (72,230); AK DOT (3,800); Bush-Tell (6,
Anvik	102	AVEC (52,972 gals.); Iditarod Schools (21,126); Ingalik Inc (29,490); Chase Ent. Store (10,520); Anvik Commercial Co. (16,555); City (6,500)
Arctic Village	155	Yukon Flat Schools (31,000 gals.); Village Electric (12,000); Village Office (5,455); Village Fuel Sales (2,100); U.S. Fish & Wildlife (4,105)
Atka	74	City of Atka total gross capacity 200,000 gallons.
Atmautluak	305	Lower Kuskokwim Schools (4,000 gals.); Village Corp./LKSD (179,250)
Atkasuk	223	Atkasuk Corp./NSB Fuel (580,000 gals.); NSB School (10,000); NSB Police (1,100); NSB Fire (7,000); NSB Clinic (6,700); NSB Power/Water (87,500); NSB Services (10,000); NSB Heavy Equipment (5,000); Atkasuk Corp. Store (2,000); City Hall/Community Center (2
Barrow	4054	Eskimos Inc./Barrow Airport (27,000 gals.); Airport (240,000)
Beaver	65	Yukon Flats Schools (57,000 gals.); Village Council Electric (32,000); Village Council Inuit Store/Airport (2,000)
Bethel	5653	Yukon Fuel Co. (9.4 million gals.); Crowley Marine (5.6 million gals.); Airport (120,500 gals.); Bethel Utilities Corp. (51,000); U.S. Federal Aviation Admin (44,000)
Bettles	28	Alaska Power & Telephone (85,000 gals.); Ace Supply Store (13,600); Bettles Lodge (10,000); Evansville Tribal Council (5,000); Brooks Range Aviation (6,100); City (10,000)
Birch Creek	26	Yukon Flats Schools (31,800 gals.); Dendu Gwich'in Village Council (30,800); AK DOT (1,000)
Brevig Mission	328	Bering Straits Schools (71,000 gals.); City (79,750); Church (8,000); Army Nat'l Guard (4,750); AVEC (66,900)

Owners and Capacity

Community	Pop.	Bulk Fuel Owners and Capacity
Buckland	457	Northwest Arctic Schools (62,500 gals.); City Power Plant (44,800); City Water/Washeteria (16,100); City Office/Clinic (14,800); Village Council Fuel Depot (151,800); Army National Guard (4,600); AK DOT (2,700)
Central	95	Central Power Co. (63,500 gals.); Arctic Mining Corp. (11,000)
Chalkyitsik	72	Yukon Flats Schools/Village Council Electric (63,425 gals.); AK DOT (1,000); Native Corp. Store (5,500); Native Corp. Airport (5,200); Village Council Clinic (1,000)
Chefornak	450	Lower Kuskokwim Schools (115,200 gals.); City (44,900); Chefarmute Inc. (84,300); National Guard (4,300); Avugiak's Store (8,200); Army National Guard (3,800)
Chenega Bay	79	Village Council (60,000 gals.); Chugach Schools (12,000)
Chevak	942	Kashunaimiut Schools (119,300 gals.); City Water/Washeteria/Hall (39,600); Village Council (12,600); AVEC (136,700); Village Corp. Store (195,840); Village Corp. beach (46,000); Wayne Hill Store (28,000); Army Nat'l Guard (2,500)
Chignik	81	Aleutian Dragon Fisheries (191,500 gals.); Village Council (43,000); Lake & Peninsula Schools (5,400); Village Power Plant (5,000)
Chignik Lagoon	68	Lake & Pen Schools (30,000); Village Council (75,000); Village Electric (1,500); Village Incinerator (2,000); Village Council-Old Clinic (3,000); Al Anderson (16,850); Jeff Moore (3,700); Viola Grunette (1,600); Alfred Aboud (2,500)
Chignik Lake	128	Village Council (42,300 gals.); Lake & Peninsula Schools (45,400); Tide Mark Co. (16,500)
Chuathbaluk	90	Kuspuk Schools (36,400 gals.); City (17,100); Middle Kuskokwim Electric (26,400)
Circle	102	Circle Utilities (13,000 gals.); Yukon Flats Schools (110,000)
Clark's Point	66	Trident Seafoods (76,600 gals.); Southwest Region Schools (9,900); City (56,200 gals.); City Power Plant (10,200)
Coffman Cove	147	Louisiana Pacific/Ketchikan Pulp Co. (45,842 gals.); Alaska Power & Telephone (6,300); Gas Plus (7,800)
Cold Bay	72	Aleut Enterprises Corp (557,800 gals.); G&K Electric (13,400); AK DOT (23,819); FAA (2,000); Aleutians East Schools (2,790); City (3,300); U.S. Fish & Wildlife (25,000); Peninsula Air (15,300); U.S. Air Force (4,800); AT&T Alascom (500)
Cordova	2194	Orca Oil; Cordova Electric Co-op (60,000 gals.); U.S. Coast Guard (22,000)
Craig	1054	Petro Marine Services (320,010 gals.); Alaska Power & Telephone (10,698); City (998); AT&T Alascom (2,000); THRHA Senior Apartments (1,100)
Crooked Creek	129	Kuspuk Schools (24,800 gals.); Village Council Washeteria (9,500); Village Council (7,600); Middle Kuskokwim Electric Co-op (17,800); Thomas Fuel Sales (47,100)
Cube Cove	0	Silver Bay Logging (117,000 gals.)
Deering	133	Village Council (88,600 gals.); City (84,500); Northwest Arctic Schools (36,800)
Delta Junction	975	Delta Fuels Inc. (40,000 gals.); AK DOT (12,000)
Dillingham	2405	Delta Western Fuel; Peter Pan Seafoods (44,000 gals.); Nushagak Electric (1,850,000 gals.); Bristol Fuels
Diomedes	144	Bering Straits Schools (42,000 gals.); City Electric Utility (80,800); Village Council Store (40,200)
Dot Lake	15	Dot Lake Lodge (7,000 gals.)
Dot Lake Village	55	Dot Lake Lodge (7,000 gals.); Village Council Utility Building (10,000)
Eagle	110	Alaska Power & Telephone (38,000 gals.)
Eek	285	Iqijouaq Co./Store (79,400 gals.); AVEC (67,300); Lower Kuskokwim Schools (45,500); City (8,200); Army National Guard (4,300)

Owners and Capacity

Community	Pop.	Bulk Fuel Owners and Capacity
Egegik	64	Egegik Fuel Co. (44,400 gals.); Lake & Peninsula Schools (2,000); Woodbine Alaska Fish Co. (98,000); City (68,000); Nelbro Packing Co. (52,000); Egegik Trading Co. (2,000); Dick Deigh (14,400)
Ekuk	0	Columbia Ward Fisheries (190,600 gals.)
Ekwok	108	Southwest Region Schools (45,990 gals.); Ekwok Natives Ltd. (29,330); Alaska Power Systems (60,000)
Elfin Cove	21	Elfin Cove Fuel (102,645 gals.)
Elim	309	Bering Straits Schools (57,410 gals.); City (142,430); Army National Guard (4,500); AK DOT/Airport (3,000); Elim Native Store (68,130); AVEC (70,850)
Emmonak	796	AVEC (172,247 gals.); City (131,500); Lower Yukon Schools (168,000); Grant Air Services (133,000); Emmonak Corp. (421,148); Alaska Commercial Co. Store (20,000)
Ester	2041	Wigger Mine (20,000 gals.)
Fairbanks	31639	FBX Municipal Utilities (180,000 gals.); Ben Lomond Inc. (82,000); Golden Valley Electric (238,400); Petroleum Sales (510,600); UAF Power Plant (200,000); Farmers Loop Market (25,000); FBX Int'l Hydrant Fueling (100,000); AK DOT/Peger Road (38,000)
False Pass	46	Peter Pan Seafoods (321,700 gals.); City Electric (34,000); Aleutians East Schools (968)
Fort Yukon	591	Yukon Fuel Co./Yutana Barge (73,800 gals.); Yukon Flats Schools (47,000); Frontier Flying (10,500); BLM Fire Service (35,000); BLM Fish & Wildlife (2,700); Yukon Air (6,000); Sheenjek River Air (4,100); City Water Heating/Recirculation; Gwitchyaa Zhee Cor
Galena	610	JBX/Galena Airport (100,000 gals.); Warbelow's Air Service (37,000); Frontier Flying (30,000); Yukon Fuel Co. (1,297,750); City Power Plant (630,000); City Schools (60,500)
Gambell	662	AVEC (142,700 gals.); Bering Straits Schools (97,800); ANICA Native Store (332,400); 7th Day Adventist Church (2,300); Army National Guard (10,400); City (55,300); Presbyterian Church (2,700)
Glennallen	518	Standard Oil/Chevron Bulk Plant (98,000 gals.); Fisher Fuel
Golovin	167	City (97,000 gals.); Bering Straits Schools (59,400)
Goodnews Bay	235	AVEC (67,300 gals.); Mumtram Pikkai Inc. Store (113,400); Lower Kuskokwim School District (43,200); City Washeteria (16,600); Army National Guard (2,200); Goodnews River Fishing Lodge (10,000)
Grayling	164	AVEC/City/Corp/School (175,300 gals.); Native Store (24,489); Iditarod Area Schools (2,000); Hee-Yea-Lingde Corp. (20,572)
Gustavus	442	Glacier Bay National Park (7,600 gals); Whalesong Lodge (1,000); Gustavus Electric Dray (111,678); Gustavus Dray Gas Station (7,520); Gustavus Dray/Airport (9,432)
Haines	1474	White Pass Alaska (1,072,900 gals.); Delta Western (3,240,000); Ward Cove Packing (18,000); Tlingit Haida Reg. Electric (23,000); Klukwan Forest Products (60,000)
Healy	1027	Usibelli Mine (58,000 gals.); Golden Valley Electric (23,100); Healy Chevron (25,000)
Hobart Bay	1	ITT Rayonier (50,000 gals.)
Hollis	186	Alaska Power & Telephone (4,000 gals.)
Holy Cross	200	AVEC (77,600 gals.); Iditarod Area Schools (29,314); City (14,084); Deloychee, Inc. (163,547); Holy Cross Church (6,200)
Homer	5504	Alaska Oil Sales (43,000 gals.); Petro Marine Services (180,000); Homer Fuel; Homer Marina
Hoonah	852	THREA (34,484); Hoonah Trading Co. (212,105); City School (3,000); THRHA/Senior Housing (1,100); Hoonah Cold Storage (1,971);

Owners and Capacity

Community	Pop.	Bulk Fuel Owners and Capacity
Hooper Bay	1149	Lower Yukon Schools (145,400 gals.); City (20,000); AVEC (160,900); Army National Guard (8,200); Yukon Fuel Co. (225,203); Little Flower of Jesus Parish (2,519)
Hughes	76	City Electric (20,000 gals.); Yukon-Koyukuk Schools (28,000)
Huslia	255	AVEC (67,174 gals.); Yukon-Koyukuk Schools (39,874); City/Huslia Gas & Oil (60,559)
Hydaburg	353	Haida Oil Products (100,000 gals.); THRHA/Haida Apartment Bldg. (1,000); Alaska Power & Telephone (21,000)
Igiugig	32	Village Council (63,900 gals.); Lake & Peninsula Schools (5,000)
Iliamna	93	Moody's Fuel (86,000 gals.); Village Council Clinic (2,000); Roadhouse Inn (2,000); John Swenko (7,000); Iliamna Air (10,000); Telarik Creek Lodge (5,000); Iliamna Airport Hotel (2,500); Iliaska Lodge (10,900); Iliamna Air Taxi (1,000); AK DOT/Airport (5,
Ivanof Bay	0	Lake & Peninsula Schools (21,000 gals.); Village Council (22,600); PTI Communications (4,500); A&L Fuel Sales
Juneau	30317	AEL&P/Auke Bay Power Plant (125,000 gals.); AEL&P Lemon Creek Power Plant (200,000); Klukwan Forest Products (126,500); Echo Bay Alaska Inc./Kensington Mine (60,000); Greens Creek Mine/Admiralty Island (366,000); Landfill (12,500)
Kachemak	467	Private/Home Run Oil Company
Kake	536	Kake Tribal Corp. (177,974 gals.); THREA (67,296); SOS Value Mart (5,000); Tlingit Haida Senior Center (1,000); City/Community Bldg. (3,563); Kake Hatchery (2,200); Temsco Helicopters (1,000)
Kaktovik	287	NSB (1,006,800 gals.); NSB Schools (10,000); Kaktovik Inupiat Corp. (60,000); U.S. Fish & Wildlife/Waldo Arms Hotel (33,000); SKW/Eskimos (200,000); U.S.A.F. (29,000); U.S. Fish & Wildlife/Barter Island (35,000)
Kaltag	184	AVEC (91,000 gals.); Kaltag Cooperative Industries (108,000); Yukon-Koyukuk Schools (33,200); City (19,300); Catholic Church (9,000); AK DOT/Airport (1,000); Army National Guard (3,000)
Karluk	27	Village Council (50,000 gals.)
Kasaan	63	City Bulk Fuel (10,208)
Kasigluk	545	Lower Kuskokwim Schools (116,750 gals.); Village Council (16,500); Kasigluk Inc. (136,500); Army National Guard (2,000)
Kenai	6975	City (15,000 gals.); Alaska Oil Storage (162,000); Ward Cove Packing (17,500)
Ketchikan	7732	Island Fuels Inc./Petro Alaska (60,000 gals.); Boyer Alaska Barge Lines (150,000); Ketchikan Utilities (230,000); E.C. Phillips & Son (9,100); Andrews Oil (920,500); White Pass Alaska (6,902,100); Ward Cove Packing (7,000); Salmon Falls Marine
Kiana	391	AVEC (120,300 gals.); Kiana Trading Post (51,400); Northwest Arctic Schools (107,700); City (94,300); City Firehouse (2,200); AK DOT (2,900); Blankenship Trading Post (7,100)
King Cove	756	City Electric (127,800 gals.); Aleutians East Schools (5,300); King Cove Corp. (5,000); Peter Pan Seafoods (522,515); Gould & Sons (2,800)
Kipnuk	664	Lower Kuskokwim Schools (70,200 gals.); Village Power Plant (151,300); Kugkaktlik Ltd. (324,500); Kashatok Bros. Store (13,800)
Kivalina	398	AVEC (98,800 gals.); Native Store (135,800); Northwest Arctic Schools (49,600); AK DOT (2,700); Army National Guard (10,000); City Washeteria (7,800)
Klawock	743	Klawock Island Fuels (120,000 gals.); THREA (1,000); Viking Lumber Co. (19,984)
Kobuk	119	Northwest Arctic Schools (11,700 gals.); City (16,900); Kobuk Store (8,700)

Owners and Capacity

Community	Pop.	Bulk Fuel Owners and Capacity
Kodiak	5691	Kodiak Electric (40,000 gals.); Western Alaska Fisheries (80,000); Other (150,000); US Coast Guard Support Center (1,598,000); U.S. DOT/FAA/Woody Island (54,000); Kodiak Oil Sales Inc. (1,719,000); Petro Marine Services (1,932,000)
Kokhanok	175	Village Council (58,900 gals.); Roehl's Ent. (3,800); Lake & Peninsula Schools (3,600)
Koliganek	192	Southwest Region Schools (60,000 gals.); Village Council (20,000); Electric Utility (60,000)
Kongiganak	436	Lower Kuskokwim Schools (71,600 gals.); Qemirtalek Coast Corp. (86,800); Puvurna Power (76,500); Village Corp. (51,900); Moravian Church (3,000); Army National Guard (1,900); A&L Variety Shop (8,900)
Kotlik	600	Electric Utility (50,000 gals.); Kotlik Yupik Corp. (220,000); Lower Yukon Schools (48,955); City (18,100); Alaska Commercial Store (15,000)
Kotzebue	3135	Crowley Marine Services Tank Farm (6,200,000 gals.); Airport/Bering Air (20,000); Air Nat'l Guard (17,000); Pacific Alaska Fuel Services; Baker's Fuel; Hanson's; Bison Street; Lee's Auto; K.I.C.; NAPA Auto Parts
Koyuk	347	Bering Straits Schools (65,500 gals.); AVEC (71,250); Koyuk Native Corp. (98,800); City (16,000); AK DOT/Airport (3,000)
Koyukuk	89	Yukon Koyukuk Schools (10,800 gals.); City lease from YKSD (63,800); AK DOT (1,000); Army National Guard (3,000); City Fuel Depot (20,400)
Kwethluk	721	Kwethluk Inc (93,750 Diesel, 116,750 Unleaded); City (17,000); Lower Kuskokwim Schools (23,500); Army National Guard (5,250); Kwethluk Electric (138,000 Diesel)
Kwigillingok	361	Lower Kuskokwim Schools (112,500 gals.); Village Council (3,000); Kwig Inc. (166,900); Army National Guard (4,300)
Larsen Bay	83	Kodiak Salmon Packers (128,900 gals.); City (75,400)
Levelock	71	Village Council (156,800 gals.); Lake & Peninsula Schools (31,500)
Lime Village	26	Iditarod Area Schools (8,000 gals.); Village Council (7,200); Electric Utility (3,000); United Utilities (1,000)
Lower Kalskag	253	AVEC (103,500 gals.); Kuspuk Schools (16,000); Twin Cities (74,770)
Manokotak	431	Southwest Region Schools (20,000 gals.); Manokotak Natives Ltd. (91,100); Manokotak Power Co. (21,400); Army National Guard (1,500); Moravian Church (2,700); Manukutaag Trading Co. (1,459)
Marshall	388	AVEC (76,560 gals.); Maserculiq/City (110,000); Lower Yukon Schools (46,000); City (14,200); Hunter Store (17,000); Maserculiq Processing Plant (10,000)
McGrath	315	B.J. Magnuson Fuel (193,500 gals.); Don Harris (80,000); McGuire's Tavern (20,200); US DOT/FAA (55,300); AK DOT (21,700); AK DNR Camp (10,300); AK DNR Airport (20,000); Catholic Church (1,200); Alaska Commercial Co. Store (1,100); MTNT Ltd. Electric (223,
Mekoryuk	208	Bering Sea Reindeer Products (15,900 gals.); NIMA Corp. (95,130); Army National Guard (3,000); Lower Kuskokwim Schools (90,400); City (34,700); AVEC (84,900)
Metlakatla	1404	Annette Island Gas Service (79,948); Electric Utility (410,000); Annette Island Schools (10,000); Wm. Duncan Church (1,000); Annette Island Packing (33,000); Community Hall (1,000); Mini Mart (1,000)
Meyers Chuck	20	Alascom Inc. (12,000 gals.)
Minto	180	AVEC (42,000 gals.); Yukon Koyukuk Schools (15,000)
Mountain Village	784	AVEC (196,149 gals.); Lower Yukon Schools (206,040); City (23,020); Azachorok Inc. (224,650); Hageland Aviation (1,495); Army National Guard (2,000)
Naknek	543	Naknek Electric Assoc (1,660,000 gals.); Naknek Engine Sales & Service (2,500); Trident Seafoods (31,000); Peninsula Auto (4,000); Nelbro Packing Co. (24,200); Paug-Vik Inc. (5,200); Southwestern AK Construction (6,000); Bristol Bay Borough (48,500)

Owners and Capacity

Community	Pop.	Bulk Fuel Owners and Capacity
Napaimute	0	Retail gas (5,000); 4-500 gallon tanks for equipment fuel
Napakiak	378	Lower Kuskokwim Schools (76,156 gals.); Napakiak Corp. (70,200); Jung's Trading Post (1,530)
Napaskiak	434	Lower Kuskokwim Schools (42,000 gals.); City Electric (43,200); Army National Guard (1,500); Napaskiak Inc. (1,500)
Nelson Lagoon	69	Nelson Lagoon Fuel Ent. (140,000 gals.); Aleutians East Schools (1,500); Harold Thompson (3,000)
Nenana	553	Nenana Heating Service Inc. (84,000 gals.); US DOT/FAA (16,000); Yutana Barge Lines (600,000)
New Stuyahok	448	AVEC (84,400 gals.); Southwest Region Schools (57,850); Stuyahok, Ltd. (41,000)
Newhalen	167	City Clinic (3,500 gals.); Nondalton Village Corp. (165,000); Lake & Peninsula Schools (5,000); City (191,700)
Newtok	353	Newtok Corp. Store (52,200 gals.); Lower Kuskokwim Schools (121,070); Newtok Corp. Electric (55,955); Tom's Store (4,125); Agayuvik Holy Family Church (3,000); Army National Guard (2,500)
Nightmute	244	Chinurak Inc. Store (40,400 gals.); Nightmute Power Co. (89,900); Army National Guard (3,000); Lower Kuskokwim Schools (27,500); Our Lady of Perpetual Help Catholic Church (1,650)
Nikolai	88	Iditarod Schools (15,300 gals.); City (72,200)
Nikolski	33	Nikolski Native Store (23,000 gals.); Umnak Power Co. (23,000); Aleutian Region Schools (9500); Chaluka Corp. Ranch (6,300)
Noatak	489	AVEC (99,800 gals.); Northwest Arctic Schools (89,500); IRA Native Store (65,300); Village Council (26,500); Army National Guard (7,400); AK DOT (3,100)
Nome	3497	Chevron/Arctic Lighterage (5,233,000 gals.); Bonanza Fuel (3,055,000); Air National Guard (20,000); MarkAir (20,000)
Nondalton	196	City (26,000 gals.); Village Council (1,000); Newhalen Lodge (10,000); Mulchatna Lodge (2,000); Lake & Peninsula Schools (17,900); Mission Statement Lodge (3,000)
Noorvik	636	AVEC (145,700 gals.); Northwest Arctic Schools (94,900); City (30,900); Native Store (130,500); Morris Trading Post (59,000)
Northway	81	AK DOT (99,000 gals.); Northway Power Plant (13,500)
Nuiqsut	403	NSB Fuel Station (468,000 gals.); NSB Fire/Rescue (8,000); NSB Municipal (32,000); NSB Electric (160,000); City (10,000); NSB Schools (2,750); NSB Clinic (6,500); NSB Police (1,100); NSB old Public Safety (2,000); Assembly of God (1,100); Kuukpik Presbyte
Nulato	274	AVEC (114,800 gals.); Yukon Koyukuk Schools (88,700); City Fuel Depot (116,900); City Old Town Water (45,500); City New Town Washeteria (5,800); H&H Ent. (12,600); Mountain General Store (9,500); Army National Guard (6,000); City Office (1,500)
Nunam Iqua	201	Lower Yukon Schools (67,240 gals.); Swan Lake Corp. (95,423); AK DOT (3,000)
Nunapitchuk	545	Lower Kuskokwim Schools (84,750 gals.); City (15,750); AVEC (158,250); Village Corp. (111,000)
Old Harbor	188	Old Harbor Fuel Co. (76,400 gals.); AVEC (41,200)
Oscarville	80	Lower Kuskokwim Schools (27,976 gals.); Village Council (20,000)
Ouzinkie	155	Ouzinkie Native Corp. Fuel Facility (71,600 gals.); Kodiak Island Schools (5,200); City (1,400)
Palmer	5506	Service Oil & Gas (45,000 gals.)
Pedro Bay	38	Village Council (29,500 gals.); Lake & Peninsula Schools (28,200)
Pelican	110	Pelican Seafoods/Kake Tribal Corp. (145,185 gals.); City Schools (2,000)
Perryville	119	Lake & Peninsula Schools (21,900 gals.); Village Council (72,500)
Petersburg	3072	White Pass Alaska (299,000 gals.); Unocal Corp. (396,000)

Owners and Capacity

Community	Pop.	Bulk Fuel Owners and Capacity
Pilot Point	61	Lake & Peninsula Schools (7,000 gals.); City (128,900)
Pilot Station	580	AVEC (96,340 gals.); Native Store (5,000); Lower Yukon Schools (47,725); City (5,260); Village Corp./City (102,800)
Pitkas Point	138	Lower Yukon Schools (22,320 gals.); Village Corp. (15,000)
Platinum	35	Arviq Inc. (67,100 gals.); City Power Plant (5,600); Lower Kuskokwim Schools (7,000)
Point Baker	16	Pt. Baker Trading Post (20,180 gals.)
Point Hope	704	NSB/Tikigag Corp. Fuel Station (1,237,000 gals.); NSB Schools (4,000); NSB Power Plant (2,000); NSB Fire (7,000); NSB Maintenance (5,000); NSB Sewage Plant (2,500); NSB Municipal (10,000); Alaska National Guard (5,000)
Point Lay	250	NSB Power Plant (10,000 gals.); NSB Fire (7,000); NSB Maintenance (5,000); NSB Clinic (6,000); NSB Schools (10,000); NSB Fuel Station (548,000)
Port Alexander	60	Southeast Island Schools (12,212 gals.); Store (2,000)
Port Alsworth	118	Lake & Peninsula Air (5,500 gals.); Lake Clark National Park (20,955); Lake & Peninsula Schools (15,000); Lake Clark Air (8,000); Alaska Wilderness Lodge (6,000); Alaska Lake Clark Air/Lodge (6,000); Fishing Unitd. (4,300)
Port Graham	134	Port Graham Corp. (91,200 gals.)
Port Heiden	87	Reeve Aleutian Airways (45,600 gals); Lake & Peninsula Schools (15,000); City (467,500); Village Council (55,000); AK DOT (5,000); Airport (3,000)
Port Lions	179	Kizhuyak Oil Sales/Village Council (90,600 gals.); Kodiak Electric Assoc (1,100)
Port Protection	56	Wooden Wheel Cove Trading Post (24,094 gals.)
Quinhagak	643	Lower Kuskokwim Schools (42,200 gals.); City (12,900); Village Council (43,700); AVEC (104,300); Qanirtuuq/Store (145,200); Moravian Church (3,700); A&C Market (9,600); Army National Guard (4,500)
Rampart	17	Yukon Flats Schools (47,500 gals.)
Red Devil	34	Kuspuk Schools (17,900 gals.); Middle Kuskokwim Electric (42,500); Red Devil Lodge (22,800); Mid Kusko Marine (23,500)
Ruby	167	Dineega Fuel Co. (194,800 gals.); Yukon Koyukuk Schools (65,610); City (12,000); AK DOT (4,000)
Russian Mission	333	AVEC (58,830 gals.); Lower Yukon Schools (29,830); Native Store (10,775); City Water (7,930); Village Corp. (63,219); City (4,600)
Saint George	114	St. George Delta Fuel Co. (1,066,200 gals.); City (4,000); Peninsula Airways (2,000); Pribilof Island Schools (1,000); St. George Tanaq Corp. (5,200)
Saint Mary's	549	Crowley Marine/City (615,000 gals.); AK DOT (98,000); Tundra Terrace Apts. (5,000); AK Court System (10,000); Native Corp. (2,000); Omni Corp. Roadhouse (2,000); City Schools (72,500); FAA (1,000); Northern Air Cargo (6,400); AVEC (217,200); St. Mary's Mi
Saint Michael	445	Bering Straits Schools (80,500 gals.); AVEC (76,000); City (14,000); Alaska Commercial Co. (32,000); Army National Guard (10,000); AK DOT (3,000); Yutana Barge Line
Saint Paul	447	TDX Corp. (1,573,200 gals.); City (1,854,600); Pribilof Island Schools (3,000); Pribilof Island Processors (1,900); City Electric (12,100); Reeve Aleutian Airways (10,200); Trident Seafoods (12,300); U.S. Coast Guard (300,800)
Sand Point	992	Trident Seafoods (642,000 gals.); Shumagin Distributors (1,000); City (1,000); Peter Pan Seafoods (1,000); Reeve Aleutian Airways (1,500); Aleutian Commercial (2,350); Sand Point Electric (40,000)

Owners and Capacity

Community	Pop.	Bulk Fuel Owners and Capacity
Savoonga	712	Village Store (279,000 gals.); City (28,500); AK DOT (9,500); National Guard (7,500); AVEC (136,200); Bering Straits Schools (149,500); Presbyterian Church (5,900)
Scammon Bay	517	Lower Yukon Schools (60,100 gals.); City (10,800); Army National Guard (3,000); AVEC (81,200); Askinuk Corp. (132,800); Catholic Church (1,000)
Selawik	828	Northwest Arctic Schools (92,900 gals.); AVEC (138,900); IRA Store (258,100); Rotman Stores (9,800); HUD Housing (26,000); Army National Guard (8,500); AK DOT (2,500)
Seldovia	284	Seldovia Fuels/Delta Western (384,000 gals.)
Seward	2661	Shoreside Petroleum (120,000 gals.); City (40,000)
Shageluk	118	AVEC (54,990 gals.); Iditarod Area Schools (44,360); City/Zho-Tse Inc. (24,000); Zho-Tse, Inc. (20,359)
Shaktoolik	214	AVEC (79,270 gals.); Village Corp. (196,200)
Shishmaref	609	Bering Straits Schools (54,200 gals.); AVEC (122,200); City (87,200); Nayokpuk Trading Post (82,600); IRA Store (130,200); U.S. Fish & Wildlife (3,100); Lutheran Church (6,900); National Guard (9,700); City Water (8,200)
Shungnak	269	AVEC (122,400 gals.); IRA Store (74,300); Northwest Arctic Schools (41,700); Army National Guard (6,900); AK DOT (2,800); Commack Lodge (8,100); City (16,400)
Sitka	8644	City & Borough Incinerator (25,000 gals.); Petro Marine Services (865,500); Alaska Pulp Corp. (1,572,800); Hidden Falls Hatchery (22,000); Sitka Fuel (155,000)
Skagway	846	White Pass Alaska (2,860,000 gals.); White Pass Upper Plant (6,993,800); Alaska Power & Telephone (15,000); Petro Marine
Sleetmute	75	Kuspuk Schools (33,100 gals.); Middle Kuskokwim Electric Co-op (17,600); Crescent Lake Lodge (5,000); Hill Ent. (7,500); Nick P. Mellick and Sons (20,000)
Solomon	2	Solomon Mines, inc. (20,000 gals.)
South Naknek	66	Kodiak Ventures (150,100 gals.); Bristol Bay Schools (24,000); Trident Seafoods (78,000); Peter Pan Seafoods (15,000)
Stebbins	598	AVEC (112,400 gals.); Bering Straits Schools (101,000); Tapraq Fuel Co./City (111,800); Ferris General Store (26,800); Army National Guard (3,000); AK DOT/Airport (3,000); Charlie Steves (3,000)
Stevens Village	71	Yukon Flats Schools (47,500 gals.)
Stony River	42	Village Council (24,100 gals.); Kuspuk Schools (30,000); Middle Kuskokwim Electric (20,000); AK DOT (1,500)
Takotna	46	Takotna Community Assoc. (173,400 gals.)
Tanana	258	Village Council (191,100 gals.); AK DOT (2,000); City Washeteria (10,000); Power Plant (46,500); School (25,000); City (25,000)
Tatitlek	113	Chugach Schools (20,000 gals.); Village Council (12,000); AK DOT (3,000)
Telida	3	Iditarod Area Schools (5,000 gals.)
Teller	256	Bering Straits School (71,200 gals.); Village Corp. Fuel (129,800); Teller Commercial Co. (218,900); Lutheran Church (6,100); City Clinic (1,000); Native Corp. Store (3,500); AK DOT (3,300); Teller Power (1,900); Army National Guard (2,300)
Tenakee Springs	102	Snyder Merchantile (71,869 gals.); City Electric (700)
Tetlin	165	Village Council (45,000 gals.); Village Corp. (120,000)
Thorne Bay	467	Petro Alaska (276,000 gals.); City (6,000); US Forest Service (20,455); Taquan Air (6,000); The Tackle Shop (3,000); Bayview Fuel & Tire (2,000)

Owners and Capacity

Community	Pop.	Bulk Fuel Owners and Capacity
Togiak	787	City (239,900 gals.); AVEC (135,700); Southwest Region Schools (59,400); Village Council (1,000); Alaska Commercial Co. Store (2,000); Army National Guard (2,000); Moravian Church (1,900); Togiak Lumber (1,700); BBNA Head Start Bldg. (1,000)
Tok	1353	Northern Energy Corp. (42,000); AK DOT (15,500); US Coast Guard Loran Station/Tok (20,000); 40 Mile Air Ltd. (20,000); Village Texaco (30,000); Alaska Power & Telephone (33,800)
Toksook Bay	610	Lower Kuskokwim Schools (34,460 gals.); AVEC (147,475); City (26,000); Nunakuiak Yupik Corp. (120,020); Army National Guard (5,000)
Tuluksak	487	Village Council (25,000 gals.); Yupiit Schools (122,811); Tulkisarmute Inc. (50,000); Army National Guard (6,500)
Tuntutuliak	422	Lower Kuskokwim Schools (74,400 gals.); Village Council (86,900); Qinarmiut Corp. (71,700)
Tununak	341	Lower Kuskokwim Schools (70,300 gals.); Tununak Elders Council (15,600); AVEC (79,800); Tununmiut Rinit Corp. Store (120,400); Army National Guard (6,300)
Twin Hills	81	Village Council (29,400 gals.); Southwest Region Schools (31,300); Togiak Fisheries Inc. (127,500)
Tyonek	181	Village Council (4,000 gals.)
Ugashik	13	Briggs Way Cannery (17,000 gals.)
Unalakleet	724	Native Corp. (261,900 gals.); AK DOT (48,300); City Water (66,300); West Coast Aviation (336,700); Bering Straits Schools (94,000); Ryan Air (17,000); Alaska Commercial Co. (24,300); Covenant Church (1,500); AVEC (358,000); Peninsula Air (1,900)
Unalaska	3678	Delta Western; North Pacific; Offshore Systems
Upper Kalskag	244	Kuspuk Schools (49,200 gals.); Kalskag Store/Twin City Fuel (36,200); Ausdahl Mercantile (1,980); City (2,500); Morgan Fuel Service (36,800)
Venetie	181	Yukon Flats Schools (48,900 gals.); Village Council (2,000); Village Council Electric (13,000)
Wainwright	540	NSB Schools/Olgoonik Corp. Fuel Station (908,000 gals.); NSB Schools (10,000); City (2,400); Olgoonik Corp. (50,000); NSB Water (10,000); NSB Fire (7,500); NSB Sewage (1,500); NSB Power (500,000); SKW/Eskimos (1,000); Olgoonik Hotel & Restaurant (1,500);
Wales	136	AVEC (51,100 gals.); Native Corp. (97,500); Bering Straits Schools (43,500); City Office (3,500); U.S. Navy (97,600); Native Store (102,200); City Water (7,900); Army National Guard (2,900)
White Mountain	215	Bering Straits Schools/City (131,600 gals.); Native Store (43,500); Corp. Lodge (2,000); AK DOT (3,000); Tom Gray Reindeer Farm (4,900)
Whitestone Logging Camp	0	Whitestone Logging (71,257 gals.)
Whittier	174	Shoreside Petroleum Inc. (48,000 gals.)
Wrangell	2062	Unocal 76 (239,000 gals.); Delta Western (370,000); City Electric (10,000)
Yakutat	621	Delta Western (6,468,000 gals.); Alaska DOT (14,800); Sitka Sound Seafoods (12,200)

Fuel Cost

Community	Pop.	Heating Fuel #1 02/2009	Gasoline 02/2009	Heating Fuel #1 11/2008	Gasoline 11/2008	Heating Fuel #1 10/2008	Gasoline 10/2008	Heating Fuel #1 6/2008	Gasoline 6/2008	Heating Fuel #1 11/2007	Gasoline 11/2007
Akiak	350	\$6.45	\$6.25	6.45	6.25	\$6.45	\$6.25	\$4.70	\$5.10	\$4.60	\$5.00
Akutan	859	\$3.65	\$4.40	4.78	4.40	\$4.78	\$4.40	\$3.36	\$3.80	\$2.75	\$3.25
Alatna	30	\$5.50	\$7.00	5.50	7.00	\$5.50	\$7.00	\$5.50	\$7.00	\$6.00	\$6.00
Anaktuvuk Pass	277	\$1.55	\$6.50	1.55	8.60	\$1.30	\$9.00	\$1.30	\$8.34	\$1.00	\$5.50
Anderson	536	\$2.53	\$2.76	2.80	3.51	\$4.08	\$4.57	\$4.88	\$4.89	\$3.44	\$3.53
Angoon	478	\$3.69	\$3.53	5.01	5.00	\$5.49	\$5.23	\$5.15	\$4.87	\$3.91	\$4.08
Anvik	102	\$5.25	\$5.50	5.25	5.50	\$6.25	\$5.75	\$6.25	\$5.75	\$4.50	\$5.00
Arctic Village	155	\$9.50	\$9.00	9.00	9.00	\$9.00	\$9.00	\$8.00	\$8.00	\$6.36	\$7.00
Atka	74	\$7.99	\$5.09	7.24	5.09	\$7.99	\$5.09	\$7.99	\$5.09	\$4.99	\$5.09
Atmautluak	305	\$5.86	\$5.92	5.86	5.92	\$5.86	\$5.92	\$5.19	OUT	\$4.81	\$4.81
Atkasuk	223	\$1.40	\$4.10	1.40	4.10	\$1.40	\$4.10	\$1.40	\$4.10	\$1.40	\$4.10
Barrow	4054	\$5.78	\$4.70	Nat Gas	4.70	Nat Gas	\$4.70	Nat Gas	\$4.45	Nat Gas	\$4.45
Bethel	5653	\$5.58	\$5.48	5.75	5.59	\$5.83	\$5.59	\$6.33	\$5.77	\$4.25	\$4.52
Brevig Mission	328	\$7.00	\$6.80	7.21	7.00	\$4.58	\$6.64	\$4.45	OUT	\$4.45	\$5.10
Chenega Bay	79	\$5.60	\$5.70	5.60	5.70	\$5.60	\$5.70	\$5.60	\$5.70	\$3.30	\$3.70
Chignik	81	\$3.85	\$3.31	3.88	3.31	\$4.09	\$3.84	\$4.29	\$4.32	\$3.36	\$2.84
Chitina	105	\$2.87	\$2.91	3.20	3.50	\$4.12	\$4.30	\$4.79	\$4.75	\$3.44	\$3.45
Circle	102	\$2.46	\$3.60	3.01	4.70	\$3.97	\$4.50	\$4.98	\$5.35	\$3.50	\$3.64
Clark's Point	66	\$6.00	\$6.00	6.00	6.00	\$5.48	\$5.65	\$5.13	\$4.70	\$4.70	\$5.13
Cordova	2194	\$3.30	\$3.50	4.34	4.94	\$5.24	\$4.94	\$5.47	\$5.32	\$4.19	\$4.05
Craig	1054	\$2.75	\$2.71	3.90	3.72	\$4.29	\$3.64	\$4.68	\$4.26	\$3.61	\$3.42
Deering	133	\$7.88	\$7.82	7.98	7.82	\$7.98	\$7.82	\$3.86	\$5.15	\$3.98	\$4.24
Delta Junction	975	\$2.36	\$2.70	2.75	2.90	\$3.75	\$4.24	\$4.63	\$4.49	\$3.29	\$3.24
Dillingham	2405	\$6.12	\$5.76	6.12	6.32	\$6.23	\$6.32	\$5.78	\$5.18	\$4.24	\$4.96
Eagle	110	\$4.95	\$5.50	4.95	5.50	\$4.95	\$5.50	\$4.95	\$5.50	\$3.50	\$3.75
Emmonak	796	\$8.71	\$7.25	7.83	7.25	\$7.83	\$7.25	\$4.85	\$5.91	\$4.85	\$5.91
Fairbanks	31639	\$2.23	\$2.47	2.63	2.75	\$3.28	\$3.83	\$4.60	\$4.34	\$3.20	\$3.10
Galena	610	\$6.27	\$6.00	6.27	6.00	\$6.27	\$6.80	\$6.62	\$6.13	\$4.31	\$4.69
Gambell	662	\$7.88	\$7.26	7.88	7.26	\$7.88	\$7.26	\$4.75	\$5.85	\$4.75	\$5.85
Glennallen	518	\$2.77	\$2.80	3.20	3.45	\$4.12	\$4.30	\$4.29	\$4.75	\$3.44	\$3.45
Golovin	167	\$5.32	\$5.30	5.32	5.30	\$5.32	\$5.30	\$4.00	\$4.25	\$4.00	\$4.25
Goodnews Bay	235	\$6.14	\$6.71	6.14	6.91	\$6.32	\$6.91	\$4.00	\$5.10	\$4.00	\$5.10
Grayling	164	\$7.00	\$6.00	7.00	6.00	\$7.00	\$6.00	\$4.50	\$5.50	\$4.50	\$5.50
Gustavus	442	\$2.84	\$2.74	4.69	4.38	\$5.10	\$4.98	\$5.18	\$4.94	\$3.61	\$3.63
Healy	1027	\$2.77	\$2.79	3.30	3.49	\$3.85	\$4.49	\$5.20	\$4.92	\$3.49	\$3.57
Holy Cross	200	\$7.66	\$7.28	7.66	7.28	\$7.66	\$7.28	\$5.90	\$5.90	\$4.55	\$5.30
Homer	5504	\$2.08	\$2.69	2.68	3.18	\$3.52	\$4.26	\$4.72	\$4.77	\$3.42	\$3.35
Hoonah	852	\$3.50	\$2.89	4.55	4.14	\$5.04	\$4.39	\$5.38	\$4.80	\$4.18	\$3.80
Hooper Bay	1149	\$7.37	\$7.16	7.37	7.16	\$7.37	\$7.16	\$5.05	\$5.32	\$5.05	\$5.32
Hughes	76	\$8.55	\$8.50	8.55	8.50	\$8.55	\$8.50	\$7.50	\$8.25	\$7.50	\$6.00
Huslia	255	\$7.00	\$7.00	7.00	7.00	\$7.00	\$7.00	\$5.75	\$5.75	\$4.50	\$5.00
Juneau	30317	\$3.02	\$2.20	4.07	2.89	\$4.74	\$4.25	\$4.83	\$4.42	\$3.48	\$3.31
Kake	536	\$3.61	\$3.33	4.85	4.67	\$6.11	\$5.45	\$5.90	\$5.34	\$4.09	\$3.90
Kaktovik	287	\$2.00	\$4.90	2.00	4.90	\$2.00	\$4.90	\$1.50	\$3.45	\$1.55	\$3.45
Kaitag	184	\$5.50	\$5.75	5.50	5.75	\$5.50	\$5.75	\$6.25	\$6.00	\$4.50	\$5.00
Kiana	391	\$6.64	\$7.21	6.64	7.21	\$6.64	\$7.21	\$5.67	\$7.00	\$5.15	\$5.92
King Cove	756	\$4.64	\$4.61	4.64	4.47	\$4.30	\$4.25	\$3.77	\$4.34	\$2.82	\$3.58
Kodiak	5691	\$3.10	\$2.85	3.83	3.55	\$4.71	\$4.45	\$4.74	\$4.64	\$3.28	\$3.49
Kokhanok	175	\$8.11	\$8.40	8.00	8.83	\$8.00	\$8.83	\$9.10	\$8.83	\$6.25	\$6.75
Kotlik	600	\$7.79	\$7.55	7.79	7.55	\$8.02	\$7.78	\$5.11	\$7.32	\$4.50	\$5.60
Kotzebue	3135	\$6.35	\$7.25	6.35	7.25	\$5.99	\$5.68	\$4.20	\$4.36	\$4.20	\$4.36
Koyuk	347	\$8.06	\$7.71	8.06	7.71	\$8.06	\$7.71	\$3.98	\$3.98	\$3.98	\$3.98
Kwigillingok	361	\$6.70	\$5.75	6.70	5.75	\$6.70	\$5.75	\$4.85	\$5.30	\$4.85	\$5.35
Larsen Bay	83	\$5.53	\$5.75	5.70	5.92	\$6.12	\$6.00	\$6.68	\$6.11	\$4.33	\$4.10

Community, Population and Fuel Prices.xls

Fuel Cost

Community	Pop.	Heating Fuel #1 02/2009	Gasoline 02/2009	Heating Fuel #1 11/2008	Gasoline 11/2008	Heating Fuel #1 10/2008	Gasoline 10/2008	Heating Fuel #1 6/2008	Gasoline 6/2008	Heating Fuel #1 11/2007	Gasoline 11/2007
Marshall	388	\$7.21	\$6.21	7.54	7.26	\$7.54	\$7.26	\$7.25	\$4.64	\$4.88	\$4.83
McGrath	315	\$6.85	\$6.35	6.93	6.37	\$6.93	\$6.37	\$7.04	\$6.45	\$4.92	\$5.73
Minto	180	\$2.85	\$3.40	3.30	4.05	\$5.25	\$5.60	\$5.70	\$5.55	\$4.10	\$4.05
Mountain Village	784	\$7.02	\$6.50	7.02	6.50	\$6.51	\$6.50	\$5.07	\$5.01	\$4.81	\$5.01
Nelson Lagoon	69	\$5.96	\$5.71	5.96	5.71	\$5.96	\$5.71	\$5.96	\$5.71	\$4.12	\$4.82
Nenana	553	\$2.44	\$2.87	2.80	3.51	\$3.93	\$4.40	\$4.88	\$4.89	\$3.43	\$3.51
New Stuyahok	448	\$6.64	\$6.34	6.34	6.34	\$6.64	\$6.34	\$4.99	\$6.10	\$4.70	\$5.46
Nondalton	196	\$5.35	\$5.95	6.00	6.65	\$7.15	\$7.70	\$7.95	\$7.82	\$6.15	\$6.13
Noorvik	636	\$7.50	\$7.22	7.50	7.22	\$7.51	\$7.22	\$4.60	\$4.88	\$4.60	\$4.88
Nuiqsut	403	\$2.54	\$4.95	2.75	4.95	\$2.75	\$3.75	\$2.75	\$3.75	\$1.45	\$3.35
Nulato	274	\$5.40	\$5.75	5.40	5.75	\$5.40	\$5.75	\$6.75	\$6.00	\$5.00	\$5.00
Nunapitchuk	545	\$6.59	\$6.54	5.86	5.91	\$5.86	\$5.91	\$5.19	\$5.24	\$4.75	\$5.00
Old Harbor	188	\$3.47	\$3.86	4.43	5.95	\$5.99	n/a	\$6.57	\$5.83	\$4.23	\$4.17
Ouzinkie	155	\$3.47	-	3.56	n/a	\$3.67	n/a	\$3.56	n/a	\$3.08	\$3.59
Pelican	110	\$4.27	\$3.96	5.90	6.34	\$6.65	\$6.34	\$5.72	\$4.19	\$4.21	\$4.06
Petersburg	3072	\$2.62	\$2.63	3.93	3.52	\$4.09	\$4.05	\$4.93	\$4.31	\$3.67	\$3.41
Pilot Station	580	\$7.42	\$6.66	7.44	6.76	\$7.42	\$6.81	\$7.13	\$6.41	\$5.98	\$6.08
Point Baker	16	\$8.80	\$8.80	8.80	8.80	\$8.80	\$8.80	\$5.50	\$5.50	\$4.00	\$3.90
Point Hope	704	\$1.65	\$5.95	1.65	5.95	\$1.65	\$5.95	\$1.90	\$4.25	\$1.65	\$4.25
Port Lions	179	\$5.65	\$5.60	6.50	5.60	\$6.50	\$5.85	\$5.25	\$4.65	\$3.70	\$4.00
Quinhagak	643	\$7.02	\$6.22	7.33	6.41	\$7.23	\$6.41	\$7.02	\$6.22	\$4.73	\$5.24
Ruby	167	\$6.15	\$5.70	6.15	5.70	\$6.15	\$5.70	\$6.15	\$4.50	\$4.30	\$4.50
Russian Mission	333	\$6.15	\$6.05	6.15	6.05	\$6.15	\$6.05	\$4.75	\$5.52	\$4.75	\$5.52
Saint George	114	\$6.50	\$6.63	6.50	6.63	\$6.82	\$6.63	\$5.50	\$4.08	\$4.47	\$4.08
Saint Michael	445	\$8.06	\$7.80	8.06	7.80	\$8.06	\$7.80	\$4.84	\$5.18	\$4.65	\$4.98
Sand Point	992	\$3.62	\$3.09	4.90	3.95	\$4.50	\$4.05	\$5.04	\$4.45	\$3.39	\$3.24
Savoonga	712	\$7.88	\$7.26	7.88	7.05	\$7.65	\$7.05	\$4.69	\$5.59	\$4.69	\$5.59
Scammon Bay	517	\$7.04	\$6.93	7.04	6.93	\$7.04	\$6.93	\$5.00	\$5.00	\$5.00	\$4.87
Seldovia	284	\$4.29	\$3.81	4.09	3.90	\$4.63	\$4.80	\$5.33	\$4.98	\$3.55	\$3.57
Shishmaref	609	\$7.91	\$7.54	7.75	7.39	\$7.90	\$7.39	\$5.09	\$5.25	\$5.09	\$5.25
Sleetmute	75	\$7.75	\$7.70	7.75	7.70	\$7.75	\$7.70	\$8.20	\$7.70	\$5.65	\$6.35
Stebbins	598	\$7.99	\$7.71	7.99	7.71	\$7.99	\$7.71	\$6.00	\$5.41	\$4.96	\$5.41
Tanana	258	\$5.80	\$6.39	4.59	6.39	\$4.59	\$6.39	\$4.95	\$5.70	\$3.95	\$4.99
Teller	256	\$6.95	\$6.64	6.95	6.64	\$6.75	\$6.45	\$8.00	\$4.25	\$3.80	\$4.25
Thorne Bay	467	\$2.75	\$2.91	4.00	3.93	\$4.40	\$4.55	\$4.41	\$4.40	\$3.48	\$3.52
Togiak	787	\$5.87	\$5.53	5.87	5.63	\$6.02	\$5.59	\$6.02	\$5.59	\$3.69	\$4.21
Toksook Bay	610	\$7.86	\$7.74	7.86	7.74	\$7.86	\$7.74	\$8.77	\$7.98	\$5.24	\$5.89
Tuntutuliak	422	\$6.86	\$6.60	6.86	6.60	\$6.86	\$6.60	\$7.66	\$6.65	\$5.15	\$5.00
Unalakleet	724	\$6.81	\$6.97	6.81	6.97	\$7.23	\$7.15	\$6.81	\$4.88	\$4.58	\$4.65
Unalaska	3678	\$3.44	\$3.00	4.49	4.56	\$4.69	\$4.56	\$4.43	\$4.15	\$3.49	\$3.27
Upper Kalskag	244	\$6.50	\$6.50	6.50	6.50	\$5.25	\$6.50	\$5.00	\$5.15	\$5.00	\$5.15
Wainwright	540	\$1.50	\$7.06	1.45	4.76	\$1.45	\$4.58	\$1.45	\$4.63	\$1.68	\$4.33
Wales	136	\$7.98	\$7.73	7.98	7.73	\$7.98	\$7.73	\$4.84	\$4.94	\$4.74	\$4.94
White Mountain	215	\$6.31	\$6.05	6.25	6.05	\$6.31	\$6.05	\$6.25	\$5.99	\$3.99	\$4.59
Wrangell	2062	\$3.18	\$3.21	4.90	4.46	\$4.90	\$4.46	\$5.35	\$5.25	\$3.78	\$3.78

QUESTIONS FOR FUEL TRANSPORTERS

- 1) ***Can you list out some of the components of fuel pricing that could explain disparities in the cost of fuel from one village to another?***
 - All locations are not equal, and we build our cost based on the activity associated with each delivery location.
 - Product Costs/Fees
 - Date of purchase (Graph) market volatility
 - Local municipality fees/wharfage,
 - Local taxes create local price variability – Hooper Bay 5% city tax and 17 miles away, Chevak has no sales tax. (.25 - .45 cpg variance)
 - Transportation/Logistics Cost
 - Length of voyage
 - Difficulty of delivery location
 - Lighterage operations
 - Float hose operation
 - Lack of discharge header at beach site – Trucking from beach to customer tanks
 - Customer Operations
 - Lack of adequate storage capacity for single season delivery – resulting in multiple deliveries per season
 - Trained personnel not on-site to accept delivery when barge arrives
 - Credit
 - Customer credit limits
 - Payment cycle
 - Financial management
 - Volume
 - A key component to the cost build is volume. (Days required for the voyage (cost) divided by gallons delivered.
- 2) ***In any of the components you listed – could you talk about the instances where your company may have had wide variations in costs from one trip to the next?***
 - Cost of product.
 - Delivery Logistics
 - Weather delays
 - Variable beach and water conditions – Erosion, movement of sediment resulting in changing channels, beach sites and water depths.
 - Volume
 - Volume ordered/delivered
- 3) ***Do you see anything cities, villages, or utilities could be doing process-wise to lower the ultimate price consumers are paying?***
 - The largest cost component of fuel is the purchase of the product itself, and this is out of the control of the cities, villages, and utilities, but there are cost components they can manage.
 - Customer Operations
 - Consolidate village supply to a single source of storage and distribution therefore maximizing delivery efficiencies and lowering costs. The Denali Commission has funded new fuel storage facilities in many

communities, but to our knowledge each is for a single purpose, e.g. AVEC. This does not help lower the overall cost for the village for the long term. When the local power co-op, school and retailer each has a tank farm, you lose the efficiency of shared cost by having a single consolidated storage facility.

- Ensure professional management of operations
- Provide trained personnel on-site to accept delivery when barge arrives – Implement automation to save on labor
- Secure early bookings to improve voyage planning to take advantage of better weather patterns
- Credit
 - Improve financial management so that funds are readily available and/or credit is in place early enough to optimize delivery logistics.

4) ***Any factors that can help us learn about pricing of fuel products in areas of Alaska off the road system?***

- In addition to product cost, transportation and operating costs the following are key factors influencing pricing.
- Local Taxes
 - Taxes create local price variability – Hooper Bay 5% city tax and 17 miles away, Chevak has no sales tax. (.25 - .45 cpg variance)
- Delivery Logistics
 - Shallow delivery locations require lighterage operations. Specialized shallow draft equipment is needed for this segment of transportation. Crowley has invested in two additional shallow draft tugs that will provide this level of service.
 - Shallow delivery locations many times require beaching the barge through a tide cycle. In addition to the cost of time, there is high risk associated with putting an oil barge aground.
- Regulatory requirements
 - USCG crews
 - Training
 - OPA 90 cost
 - ADEC spill plans
 - EPA
 - State and Federal insurance requirements for transportation of fuel over water

5) ***What can you tell us about infrastructure advantages such as tank storage, distributor relationships or other factors that might have direct effects on retail price at the community level?***

- Delivery costs are directly related to the time required to travel to/from the delivery location, the marine equipment involved and the time to accomplish the fuel transfer. Port/harbor improvements can reduce delivery costs when they a) allow larger tug/barge sets to call directly rather than lighter, or b) when smaller tug/barge sets can make up to a marine header directly rather than stand off shore and use a float hose, or c) berth water depth is increased to provide a larger delivery window between tides.
- Consolidated fuel storage facilities in communities can reduce the time required to accomplish fuel transfer. The challenge is in identifying an entity who will build, operate and maintain such facilities on terms acceptable to the potential

users. The Denali Commission has funded new fuel storage facilities in many communities, but to our knowledge each is for a single purpose, e.g. AVEC.

- The most effective change to lower retail prices would be to consolidate village fuel infrastructure. Typical village prices are based on only 25-30% of the fuel consumed. Utility and School fuel is typically handled completely outside the commercial market. If fuel infrastructure was centralized, all stakeholders would benefit from maximum economies of scale, as well as easier combined purchasing, and centralized maintenance and management.

6) ***Are there any regulations or restrictions that you can identify that play a role in the overall cost of your products?***

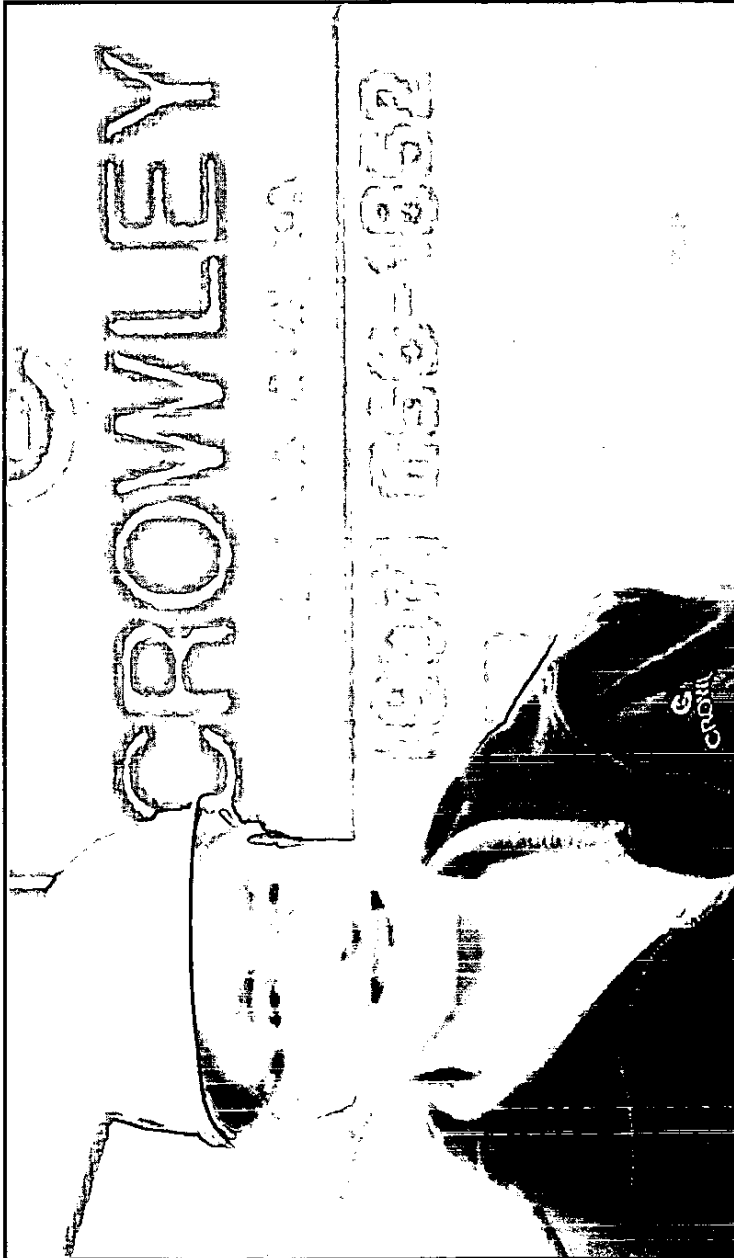
- USCG required training for crews
- OSHA required training for the tank farm personnel
- ADEC spill plans
- Certificate of Financial Responsibility (COFR) federally required insurance for the marine transportation of petroleum products.
- EPA regulations mandating use of ULSD in western Alaska in 2010 will raise fuel costs considerably. Jet fuel has been customarily used in western Alaska as an aviation fuel, heating oil and a motor fuel. It has excellent cold weather properties and it makes sense to use one product for multiple uses and reduce the cost of building storage and delivery systems for Aviation Jet, heating oil and Diesel. Alaska requested, and received, a modified compliance schedule for ULSD implementation in western Alaska. The ULSD implementation begins in 2010 in the rural areas of Alaska west of Kodiak Island. The only Alaska supplier of this product is Tesoro Nikiski refinery, which makes ULSD #1 seasonally to the road system now. As we develop our distribution plans more fully, the cost of additional tankage, segregated piping, and dedicated barge compartments to protect the integrity of ULSD will become evident. In some cases, it might make no economic sense for a distributor like Crowley to supply ULSD in a particular market, except perhaps in drums.
- OPA 90, double hulled barges are required by 2015. We currently operate four (4) line haul barges that will all be forced into retirement by the OPA 90 regulations and replaced with double hull barges at a cost of \$20M to \$25M per barge plus the cost of a suitable tug. This capital investment will substantially increase the transportation cost per gallon.
- Overall facility compliance is an issue. Crowley performs at an extremely high level in comparison to most other service providers. This compliance comes with a premium. Obviously those less compliant firms have lower cost structures. Crowley is committed to sustainable operations through full compliance and commitment to environmental stewardship.

7) ***Where do you purchase the fuel? If outside, why isn't the fuel purchased in Alaska?***

- Majority of our fuel is purchased in Alaska. We do purchase some product from the West Coast and the Far East when the price is favorable or when it allows some efficiency in our operations.
- There currently is not enough barge capacity to supply our entire product from Cook Inlet. OPA 90 has forced the retirement of large line haul barges and the replacement tonnage is not in place. Large parcels of foreign product off tankers helps with the efficiency of our distribution, shortening the overall transportation days.



Western Alaska Fuel Distribution



March 12, 2009



CROWLEY
People Who Know



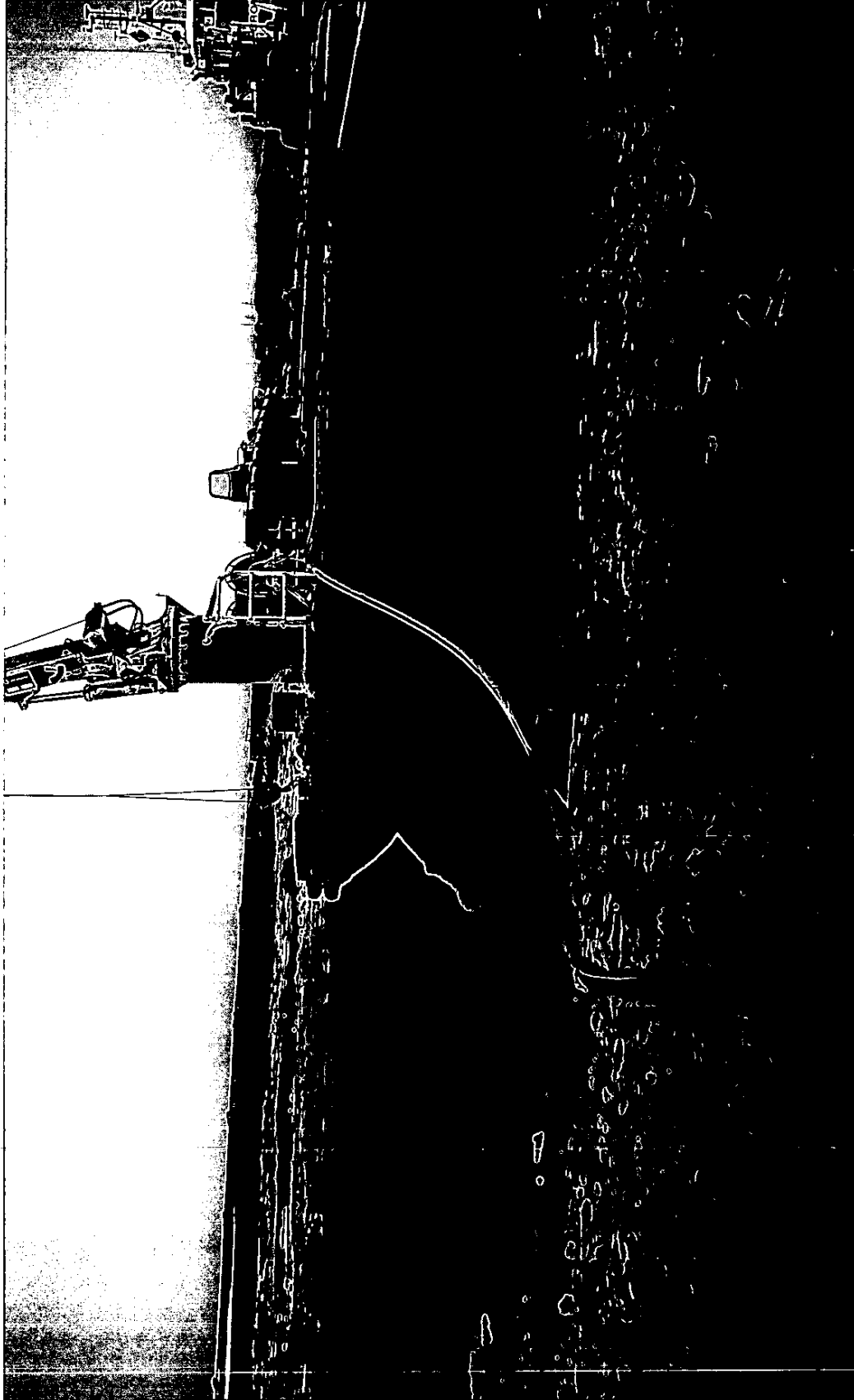
Alaska Petroleum Distribution

- **21 fuel storage facilities**
- **Over 30M gallons of fuel storage.**
- **100% local hire in all our communities.**
- **Provide good jobs with long term employment and good benefits in our communities.**
- **Large fleet of shallow draft vessels to service Western Alaska, both coastal and river.**
- **Building new equipment specifically to efficiently service the most difficult locations.**



Two new AVIK Class tugs
under construction.

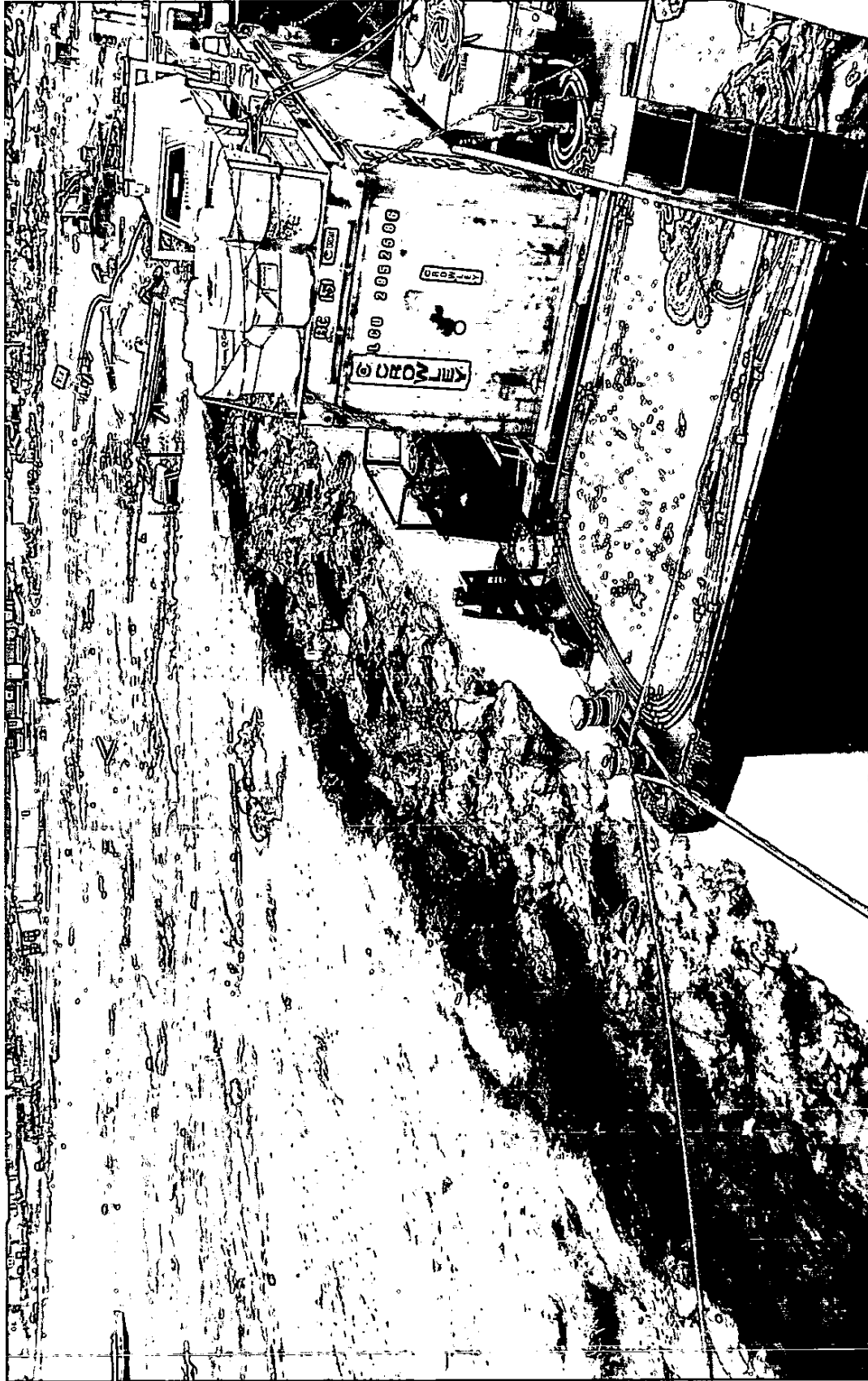
Hose Through the Mud



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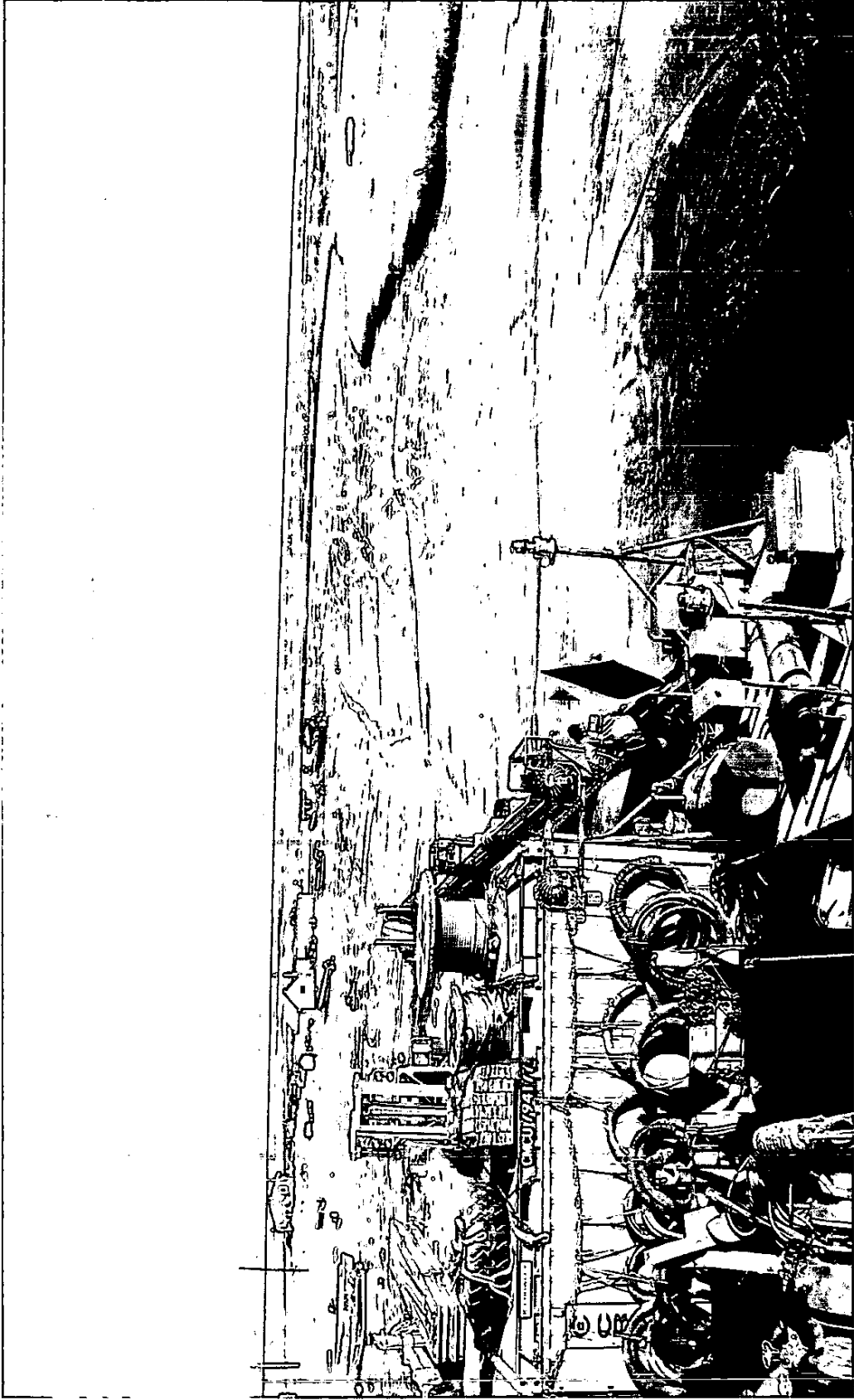


Hooper Bay 2008



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Waiting for Water in the Newtok Channel 2007



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Hose Through the Fence at Newtown



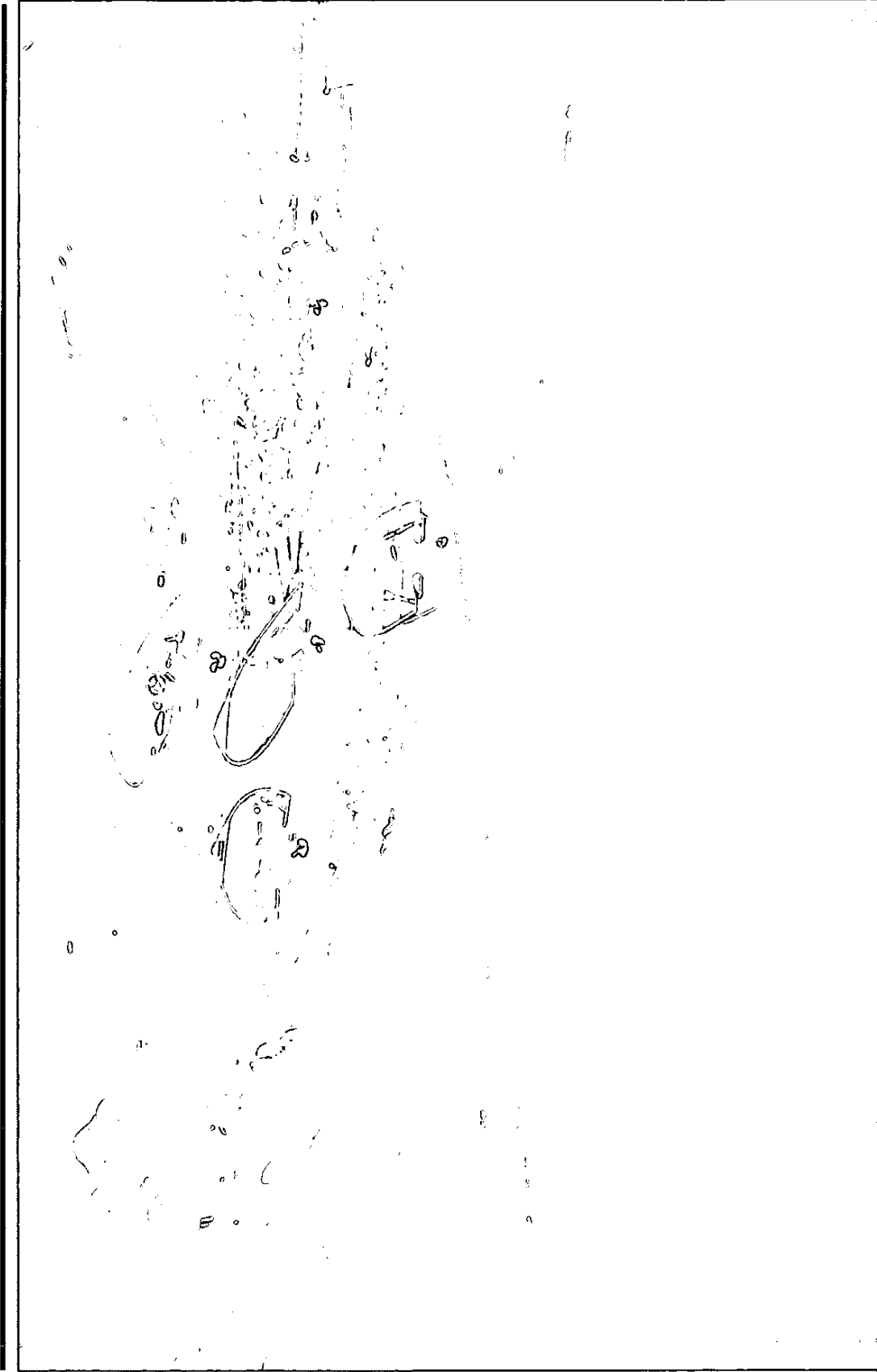
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Float Hose Operation at Cape Prince of Wales 2007

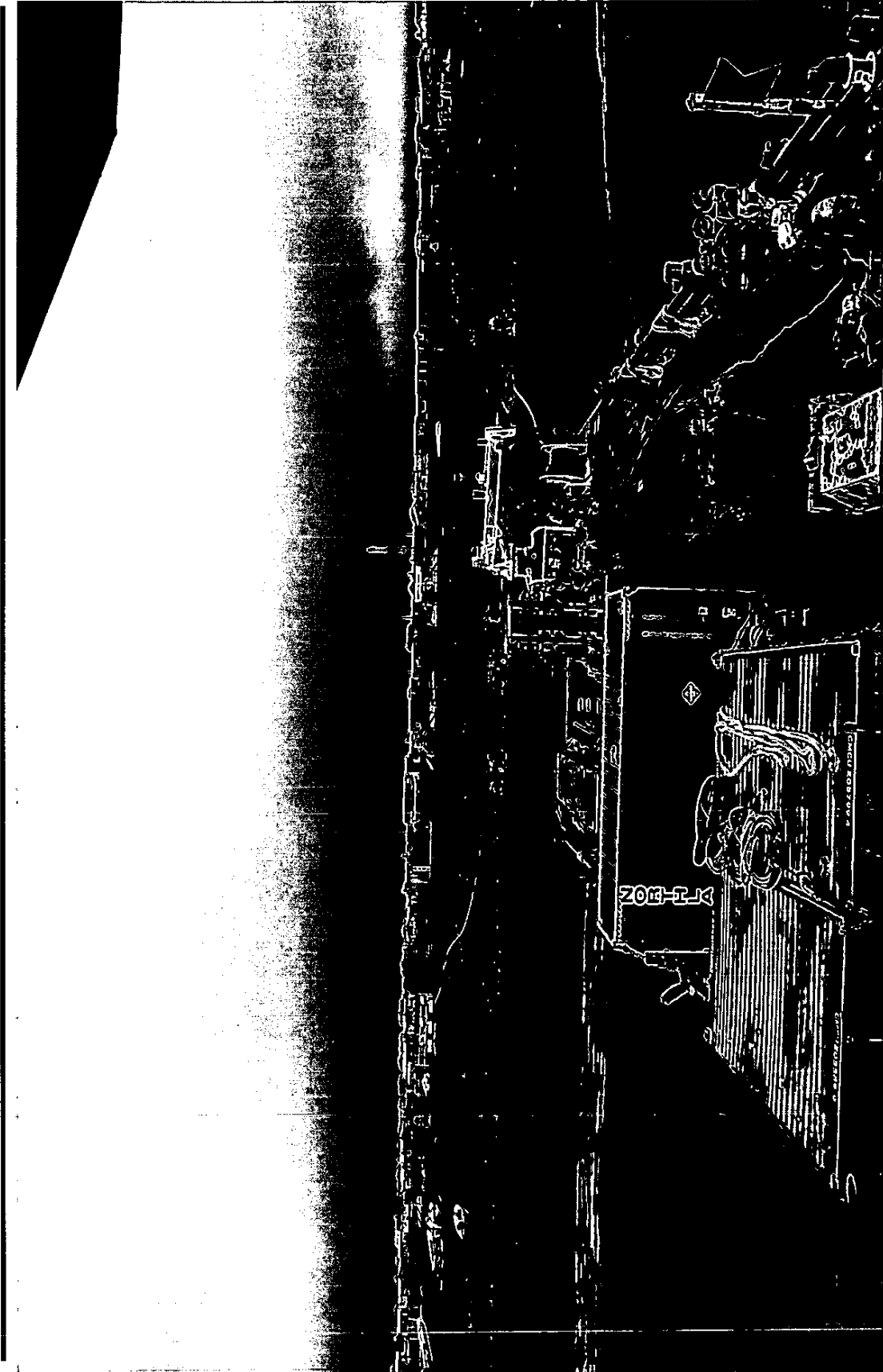


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Holding the Barge off the Rocks at Little Diomed

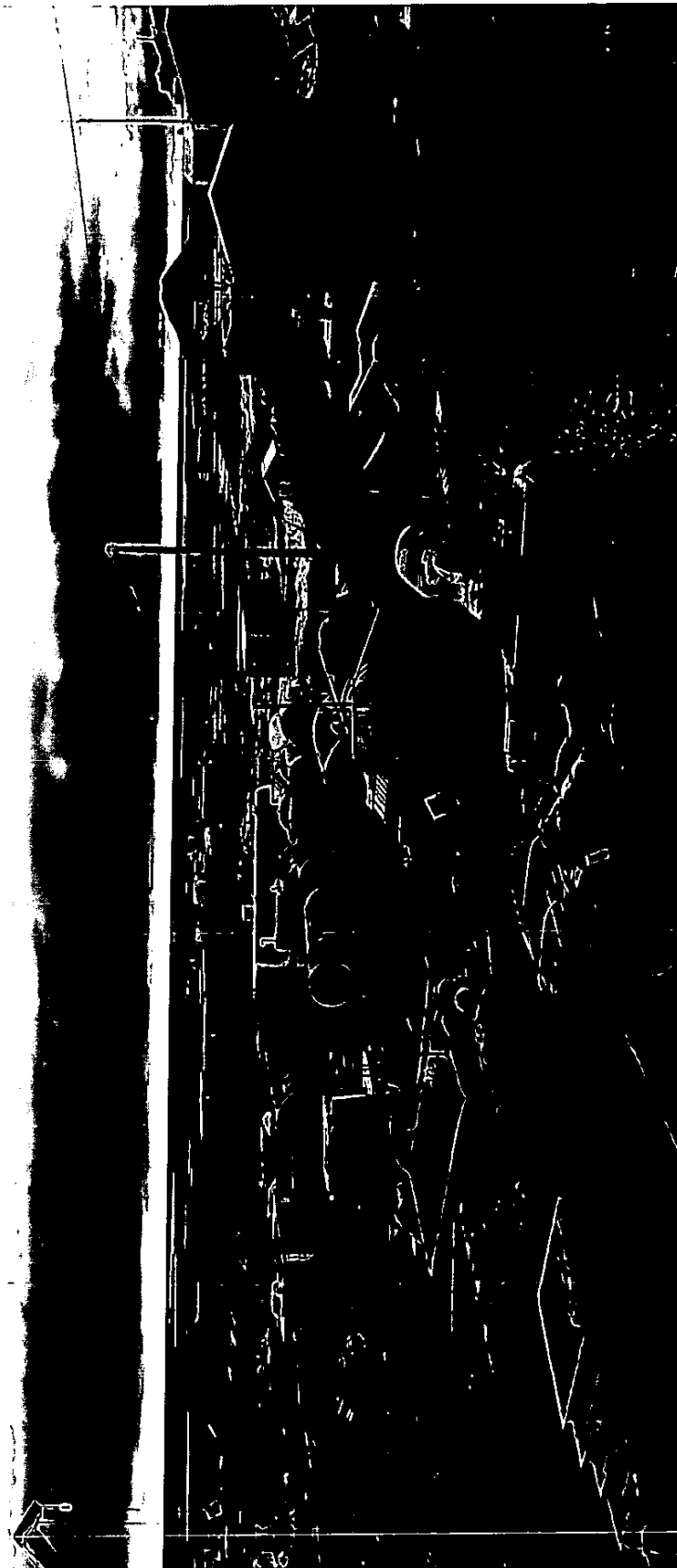


Long Hose Drag at Gamble

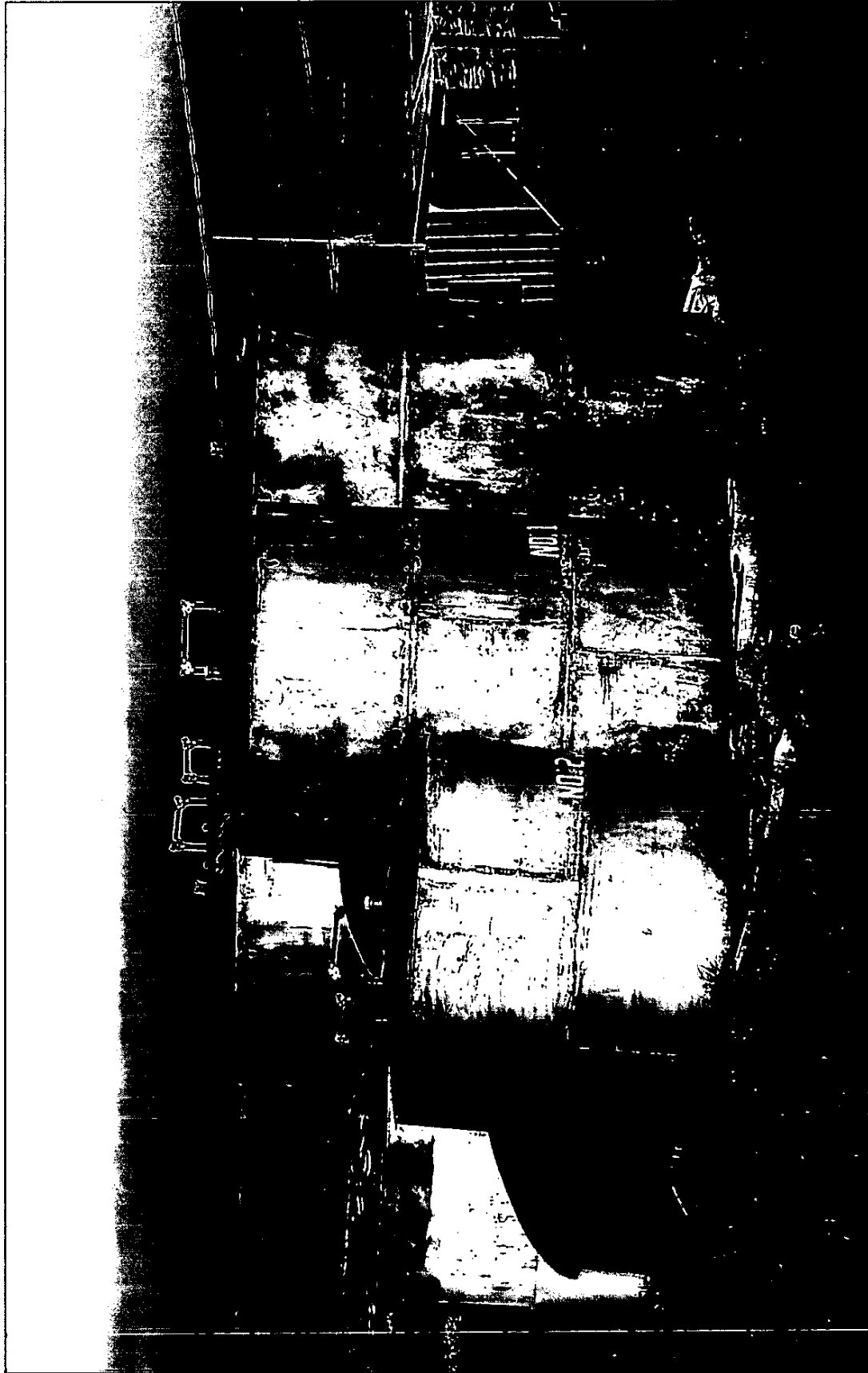


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Chevak Lower Tank Farm

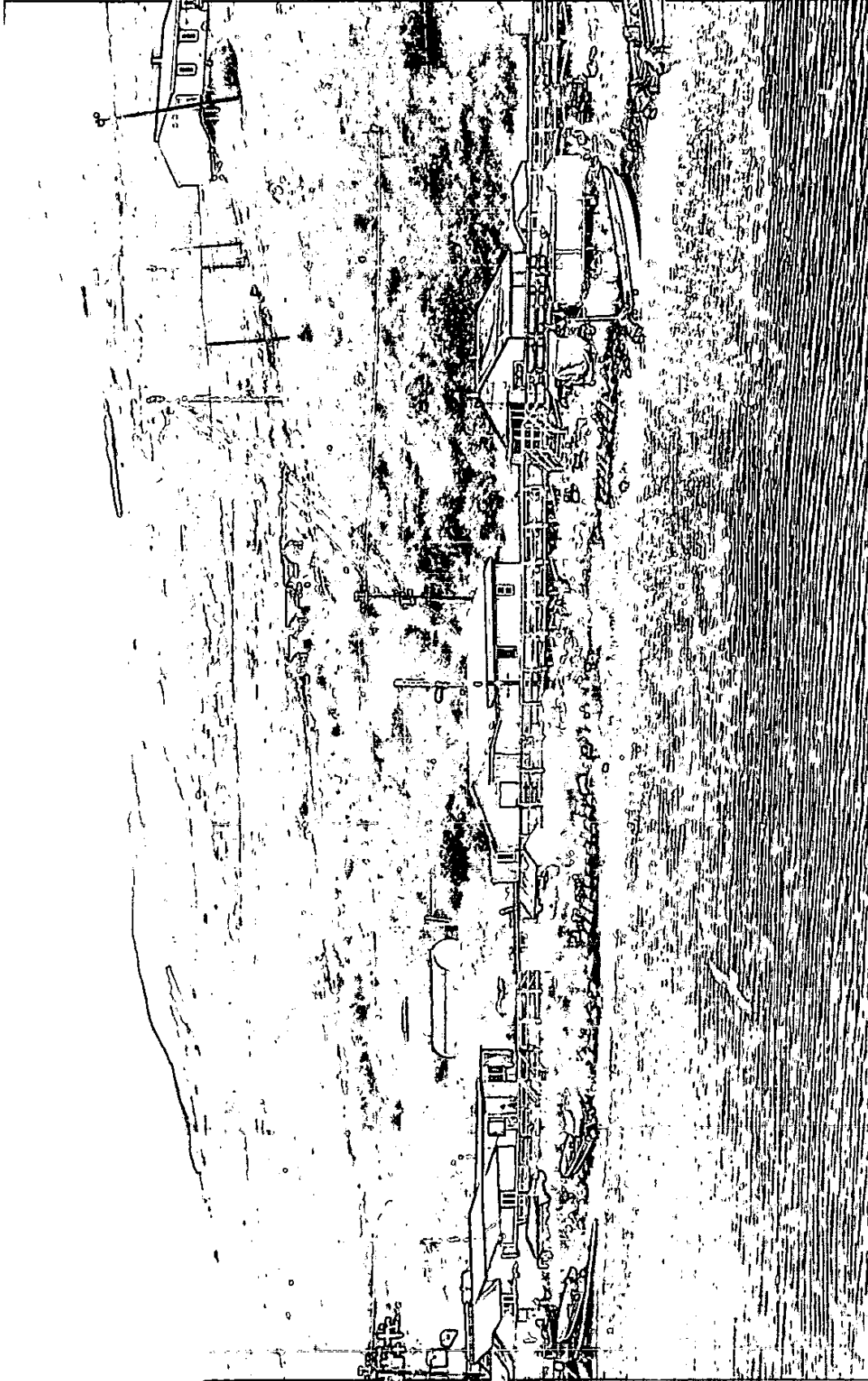


Tank Can Only be Filled to the Bullet Hole



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Nightmute Upper and Lower Tank Farm



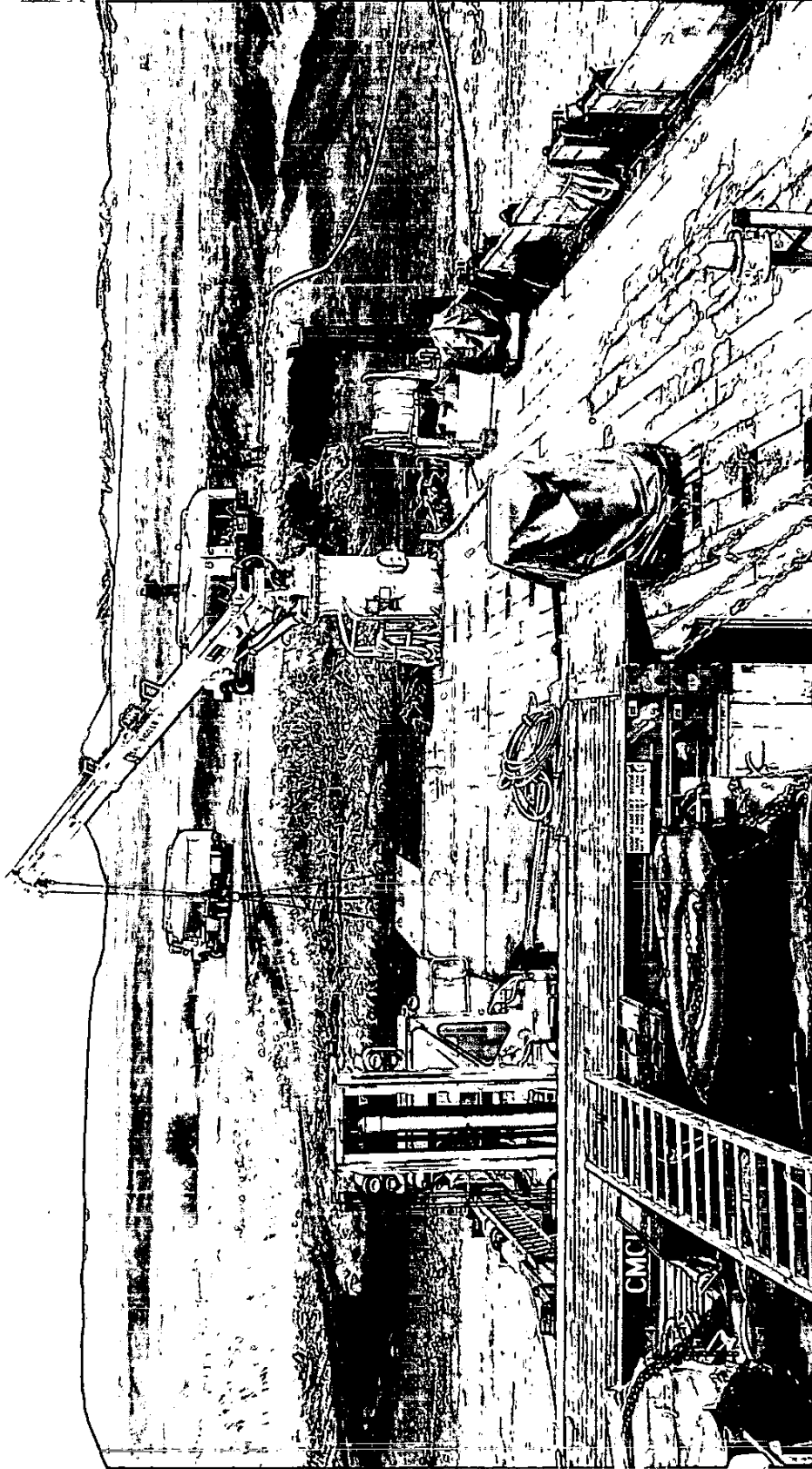
Beached at Mekoryuk in 2008



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Trucking at Twin Hills



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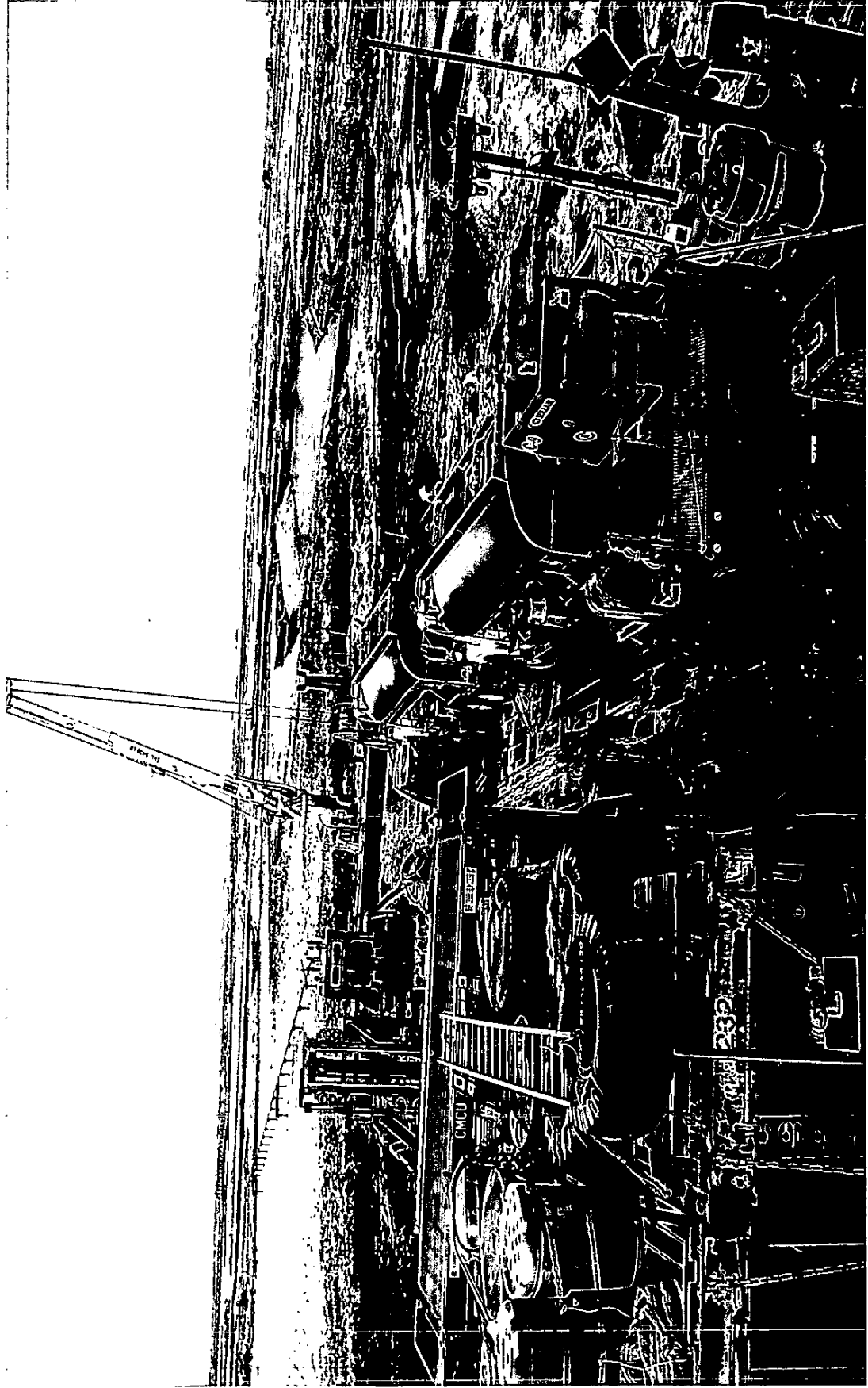
Battered on the Beach at Barter Island



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End of Season Ice at Kwigillingok



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PLATTS Index Chart for May – September 2008

Market Price Comparison

Platts Los Angeles Jet

