

APPENDIX BB

Subject Index

APPENDIX BB: Subject Index

A

- aboveground facility alternatives, 3-1
- acid deposition, 4-943, 4-955, 4-964, 4-972, 4-973, 4-974, 4-975, 4-1210, 5-43
- acid rock drainage, 2-24, 4-20, 4-21, 4-36, 4-37, 4-38, 4-46, 4-47, 4-128, 4-131, 5-2, 5-3, 5-7, 5-55
- acid rock drainage and metal leaching, 4-36, 4-37, 4-38, 4-46, 4-47, 4-128, 4-131, 5-3, 5-7, 5-55
- Acoustic Doppler Current Profiler Station, 4-179
- additional temporary workspaces, 2-20, 2-21, 2-25, 2-39, 2-53, 2-60, 2-62, 2-84, 4-85, 4-86, 4-87, 4-94, 4-127, 4-159, 4-162, 4-233, 4-237, 4-242, 4-248, 4-256, 4-265, 4-278, 4-349, 4-418, 4-488, 4-530, 4-537, 4-541, 4-550, 4-556, 4-561, 4-570, 4-719, 4-1171, 4-1179, 4-1203, 5-10, 5-17
- additional work area alternatives, 3-1
- Advisory Council on Historic Preservation, 1-24, 1-27, 1-35, 4-719, 4-733, 5-40, 5-58
- aerial span, 2-62, 2-64, 2-66, 4-129, 4-151, 4-153, 4-155, 4-158, 4-159, 4-160, 4-281, 4-433, 4-435, 5-8, 5-9, 5-20
- air emissions, 1-18, 1-23, 3-6, 3-11, 3-12, 3-14, 3-33, 3-44, 3-45, 4-659, 4-661, 4-918, 4-921, 4-923, 4-930, 4-936, 4-940, 4-943, 4-950, 4-955, 4-963, 4-964, 4-972, 4-1013, 4-1014, 4-1027, 4-1158, 4-1162, 4-1165, 4-1199, 4-1205, 4-1208, 4-1209, 5-42, 5-43, 5-49
- Air Force Station, 4-544, 4-545, 4-568, 4-578, 4-716, 4-1032, 4-1154, 4-1156, 5-35, 5-47
- air permits, 4-547, 4-548, 4-673, 4-674, 4-920, 4-929, 4-932, 4-933, 4-934, 4-935, 4-936, 4-944, 4-946, 4-973, 4-975, 4-1029, 4-1163, 4-1210, 5-43
- air quality, 1-6, 1-8, 1-9, 1-15, 1-20, 1-23, 1-39, 3-7, 3-12, 3-33, 3-39, 3-45, 4-1, 4-35, 4-661, 4-683, 4-684, 4-731, 4-913, 4-918, 4-919, 4-920, 4-921, 4-922, 4-923, 4-929, 4-931, 4-933, 4-934, 4-935, 4-936, 4-938, 4-939, 4-940, 4-945, 4-946, 4-950, 4-954, 4-955, 4-960, 4-962, 4-963, 4-973, 4-974, 4-975, 4-1023, 4-1026, 4-1030, 4-1158, 4-1170, 4-1171, 4-1205, 4-1208, 4-1209, 4-1210, 4-1216, 5-1, 5-41, 5-42, 5-43, 5-46, 5-48
- Air Quality Control Region, 4-913, 4-917
- airports, 3-7, 4-311, 4-343, 4-545, 4-685, 4-692, 4-700, 4-701, 4-702, 4-715, 4-716, 4-717, 4-718, 4-760, 4-770, 4-794, 4-1016, 4-1017, 4-1018, 4-1019, 4-1040, 4-1112, 4-1113, 4-1170, 4-1203, 5-39
- airstrips, 4-315, 4-497, 4-500, 4-545, 4-700, 4-715, 4-717, 4-756, 4-766, 4-778, 4-786, 4-790, 4-806, 4-820, 4-824, 4-847, 4-871, 4-879, 4-884
- Alaska Administrative Code, 1-28, 1-29, 1-30, 1-39, 1-41, 2-57, 2-74, 2-89, 4-132, 4-151, 4-189, 4-190, 4-191, 4-193, 4-213, 4-216, 4-258, 4-274, 4-276, 4-281, 4-401, 4-415, 4-532, 4-555, 4-556, 4-571, 4-575, 4-920, 4-923, 4-929, 4-1080
- Alaska Ambient Air Quality Standards, 4-917, 4-918, 4-919, 4-920, 4-921, 4-938, 4-939, 4-941, 4-943, 4-945, 4-950, 4-951, 4-952, 4-953, 4-954, 4-955, 4-960, 4-962, 4-963, 4-965, 4-966, 4-967, 4-969, 4-972, 4-973, 4-974, 4-975, 4-1209, 4-1210, 4-1211, 4-1212, 4-1213, 4-1214, 5-42, 5-43
- Alaska Blasting Standard for the Proper Protection of Fish, 4-49, 4-50, 4-442, 4-443, 4-478, 4-748, 5-26
- Alaska Bureau of Vital Statistics, 4-1020, 4-1021
- Alaska Center for Conservation Science, 4-256, 4-263, 4-269, 4-271, 4-276, 4-288, 4-326, 4-327, 4-328, 4-330, 4-334, 4-343, 4-345, 4-485, 4-517, 4-518, 4-1182
- Alaska Department of Commerce, Community and Economic Development, 2-20, 4-621, 4-650, 4-654, 4-744, 4-852
- Alaska Department of Education and Early Development, 4-661, 4-662
- Alaska Department of Environmental Conservation, 1-5, 1-26, 1-29, 1-30, 1-38, 1-39, 2-15, 2-20, 2-22, 2-78, 2-89, 2-91, 4-76, 4-79, 4-80, 4-81, 4-83, 4-99, 4-118, 4-120, 4-125, 4-126, 4-127, 4-129, 4-130, 4-131, 4-132, 4-133, 4-147, 4-151, 4-155, 4-156, 4-179, 4-182, 4-183, 4-189, 4-190, 4-192, 4-205, 4-206, 4-211, 4-213, 4-214, 4-216, 4-218, 4-222, 4-227, 4-235, 4-434, 4-456, 4-465, 4-466, 4-522, 4-572, 4-574, 4-576, 4-577, 4-578, 4-666, 4-917, 4-918, 4-920, 4-923, 4-929, 4-932, 4-933, 4-934, 4-935,

4-936, 4-938, 4-943, 4-949, 4-960, 4-972, 4-975, 4-1025, 4-1028, 4-1029, 4-1161, 4-1162, 4-1208, 5-8, 5-13, 5-14, 5-15, 5-41, 5-42

Alaska Department of Environmental Quality, 2-53

Alaska Department of Fish and Game, 1-30, 1-31, 2-20, 2-48, 4-1, 4-2, 4-49, 4-50, 4-81, 4-135, 4-144, 4-167, 4-216, 4-217, 4-219, 4-221, 4-236, 4-244, 4-248, 4-251, 4-254, 4-263, 4-266, 4-283, 4-287, 4-290, 4-294, 4-297, 4-298, 4-299, 4-301, 4-302, 4-303, 4-305, 4-311, 4-312, 4-316, 4-317, 4-319, 4-320, 4-321, 4-323, 4-326, 4-327, 4-328, 4-329, 4-330, 4-331, 4-338, 4-345, 4-346, 4-347, 4-349, 4-356, 4-358, 4-362, 4-364, 4-368, 4-371, 4-373, 4-377, 4-392, 4-400, 4-401, 4-403, 4-407, 4-408, 4-409, 4-410, 4-411, 4-414, 4-415, 4-416, 4-418, 4-419, 4-421, 4-422, 4-424, 4-436, 4-440, 4-441, 4-443, 4-445, 4-446, 4-451, 4-453, 4-463, 4-472, 4-476, 4-479, 4-482, 4-483, 4-484, 4-486, 4-487, 4-489, 4-490, 4-492, 4-493, 4-495, 4-516, 4-517, 4-518, 4-523, 4-538, 4-551, 4-552, 4-553, 4-557, 4-558, 4-563, 4-581, 4-641, 4-642, 4-644, 4-645, 4-646, 4-696, 4-735, 4-736, 4-738, 4-739, 4-741, 4-743, 4-748, 4-756, 4-759, 4-764, 4-768, 4-771, 4-779, 4-781, 4-783, 4-786, 4-787, 4-789, 4-790, 4-794, 4-797, 4-798, 4-801, 4-802, 4-805, 4-807, 4-809, 4-810, 4-815, 4-817, 4-818, 4-820, 4-822, 4-824, 4-827, 4-829, 4-831, 4-833, 4-834, 4-836, 4-838, 4-841, 4-842, 4-843, 4-845, 4-847, 4-850, 4-856, 4-859, 4-860, 4-863, 4-864, 4-865, 4-868, 4-870, 4-872, 4-874, 4-876, 4-878, 4-879, 4-880, 4-882, 4-884, 4-887, 4-892, 4-894, 4-897, 4-898, 4-899, 4-901, 4-903, 4-906, 4-908, 4-1024, 4-1162, 5-13, 5-21, 5-25, 5-26, 5-37, 5-57

Alaska Department of Health and Social Services, 2-20, 4-683, 4-1013, 4-1014, 4-1021, 4-1022, 4-1024, 4-1026, 4-1028, 4-1030, 5-45

Alaska Department of Labor and Workforce Development, 4-621, 4-624, 4-630, 4-631, 4-633, 4-639, 4-670, 4-671, 5-37

Alaska Department of Natural Resources, 1-28, 1-29, 1-40, 2-9, 2-20, 2-48, 2-76, 3-35, 3-47, 4-9, 4-11, 4-13, 4-14, 4-15, 4-16, 4-18, 4-20, 4-21, 4-48, 4-50, 4-93, 4-98, 4-127, 4-128, 4-132, 4-145, 4-151, 4-169, 4-173, 4-174, 4-202, 4-215, 4-216, 4-218, 4-221, 4-222, 4-227, 4-239, 4-241, 4-257, 4-274, 4-278, 4-281, 4-287, 4-416, 4-424, 4-527, 4-531, 4-532, 4-543, 4-549, 4-551, 4-552, 4-553, 4-554, 4-555, 4-558, 4-560, 4-561, 4-562, 4-563, 4-564, 4-568, 4-573, 4-574, 4-577, 4-581, 4-595, 4-646, 4-665, 4-710, 4-1106, 4-1150, 4-1161, 4-1162, 4-1199, 5-8, 5-13, 5-15, 5-32, 5-33, 5-34

Alaska Department of Public Safety, 2-20, 4-663, 4-665

Alaska Department of Transportation and Public Facilities, 1-31, 2-20, 2-60, 2-74, 2-75, 4-20, 4-21, 4-30, 4-38, 4-100, 4-296, 4-297, 4-301, 4-548, 4-549, 4-558, 4-560, 4-581, 4-610, 4-612, 4-685, 4-686, 4-688, 4-689, 4-695, 4-697, 4-704, 4-705, 4-706, 4-708, 4-1023, 4-1142, 4-1163, 4-1173, 4-1196, 4-1197, 4-1218, 5-38

Alaska Division of Geological and Geophysical Surveys, 4-9, 4-15, 4-25, 4-37, 4-38, 4-55, 4-59, 4-1095

Alaska Earthquake Center, 4-22, 4-24, 4-25, 4-26, 4-44, 4-1094, 4-1096, 5-2

Alaska Heritage Resources Survey, 4-725, 4-726

Alaska Historic Preservation Act, 1-28

Alaska Indicator-Based Information System, 4-1022, 4-1025

Alaska Migratory Bird Co-management Council, 4-329

Alaska National Interest Lands Conservation Act, 1-7, 1-8, 1-9, 1-14, 1-23, 1-27, 1-40, 1-41, 4-566, 4-734, 5-41

Alaska Native Claims Settlement Act, 1-7, 1-8, 1-14, 1-41, 4-564, 4-565, 4-579, 4-719, 4-732, 4-760, 4-852, 4-876

Alaska Native Village Statistical Area, 4-664, 4-665, 4-1016, 4-1018, 4-1019

Alaska Natural Heritage Program, 4-269, 4-270, 4-275, 4-276, 4-277, 4-278, 4-279, 4-280, 4-283, 4-320, 4-321

Alaska Oil and Gas Conservation Commission, 1-6, 1-26, 1-31, 2-40, 4-18, 4-121, 4-1162, 4-1163

Alaska Pollutant Discharge Elimination System, 1-5, 1-26, 1-29, 2-25, 2-47, 2-56, 2-58, 2-66, 2-76, 4-132, 4-156, 4-189, 4-206, 4-207, 4-211, 4-216, 4-218, 4-222, 4-223, 4-226, 4-235, 4-249, 4-423, 4-466, 4-467, 4-1161, 4-1162, 5-10, 5-13, 5-14, 5-15

Alaska Railroad Scenic Byway, 4-560, 5-33

Alaska Range, 2-49, 2-54, 2-59, 2-63, 3-27, 4-2, 4-7, 4-8, 4-9, 4-10, 4-22, 4-26, 4-27, 4-29, 4-30, 4-45, 4-56, 4-60, 4-69, 4-108, 4-123, 4-125, 4-135, 4-143, 4-144, 4-227, 4-228, 4-230, 4-233, 4-236, 4-244, 4-251, 4-275, 4-276, 4-284, 4-285, 4-288, 4-298, 4-311, 4-312, 4-319, 4-326, 4-327, 4-331, 4-349, 4-351, 4-352, 4-402, 4-442, 4-516, 4-547, 4-583, 4-592, 4-593, 4-594, 4-595, 4-596, 4-598, 4-617, 4-619, 4-810, 4-819, 4-824, 4-834, 4-838, 4-842, 4-847, 4-852, 4-856, 4-872, 4-884, 4-914, 4-916, 4-919, 4-920, 4-1184, 4-1198, 5-3, 5-36

Alaska Solid Waste Program, 4-571, 4-572, 4-666

Alaska Stand Alone Pipeline, 1-18, 3-4, 3-5, 3-24, 3-31, 3-41, 4-19, 4-25, 4-27, 4-43, 4-53, 4-54, 4-56, 4-57, 4-62, 4-92, 4-108, 4-196, 4-560, 4-727, 4-1087, 4-1119, 4-1165, 4-1170, 4-1176, 4-1179, 5-1, 5-48, 5-60

Alaska Statute, 1-18, 1-29, 1-41, 2-20, 2-89, 4-18, 4-163, 4-209, 4-213, 4-216, 4-258, 4-400, 4-418, 4-424, 4-476, 4-523, 4-530, 4-532, 4-543, 4-558, 4-560, 4-563, 5-2

Alaska Volcano Observatory, 4-33, 4-45

Alaska Water Quality Standards, 4-125, 4-147, 4-155, 4-189, 4-211, 4-216, 4-434

Alaska's North Slope, 1-3, 1-6, 1-15, 1-18, 1-20, 1-29, 1-32, 1-42, 2-2, 2-8, 2-9, 2-11, 2-13, 2-16, 2-17, 2-40, 2-43, 2-47, 2-49, 2-59, 2-60, 2-61, 2-63, 2-81, 2-86, 3-1, 3-2, 3-3, 3-4, 3-5, 3-6, 3-7, 3-11, 3-12, 3-14, 3-16, 3-33, 3-34, 4-15, 4-16, 4-18, 4-24, 4-25, 4-32, 4-40, 4-59, 4-60, 4-71, 4-73, 4-89, 4-94, 4-121, 4-128, 4-130, 4-134, 4-167, 4-169, 4-171, 4-214, 4-215, 4-218, 4-219, 4-228, 4-237, 4-241, 4-251, 4-252, 4-254, 4-257, 4-260, 4-263, 4-267, 4-271, 4-279, 4-280, 4-289, 4-294, 4-303, 4-306, 4-321, 4-323, 4-324, 4-341, 4-343, 4-345, 4-396, 4-398, 4-402, 4-408, 4-411, 4-416, 4-423, 4-436, 4-440, 4-441, 4-447, 4-451, 4-461, 4-476, 4-483, 4-485, 4-496, 4-550, 4-556, 4-557, 4-581, 4-584, 4-595, 4-616, 4-621, 4-623, 4-625, 4-626, 4-628, 4-630, 4-631, 4-632, 4-633, 4-634, 4-635, 4-636, 4-637, 4-638, 4-639, 4-640, 4-641, 4-649, 4-650, 4-651, 4-652, 4-653, 4-654, 4-655, 4-656, 4-657, 4-662, 4-663, 4-664, 4-668, 4-669, 4-670, 4-671, 4-677, 4-678, 4-679, 4-680, 4-681, 4-684, 4-685, 4-689, 4-694, 4-698, 4-701, 4-732, 4-736, 4-738, 4-740, 4-752, 4-754, 4-755, 4-756, 4-761, 4-763, 4-765, 4-768, 4-786, 4-790, 4-843, 4-867, 4-914, 4-916, 4-918, 4-919, 4-944, 4-945, 4-1015, 4-1016, 4-1020, 4-1021, 4-1022, 4-1023, 4-1024, 4-1025, 4-1031, 4-1045, 4-1048, 4-1054, 4-1057, 4-1064, 4-1083, 4-1086, 4-1087, 4-1094, 4-1095, 4-1099, 4-1100, 4-1103, 4-1104, 4-1115, 4-1124, 4-1153, 4-1157, 4-1160, 4-1170, 4-1171, 4-1172, 4-1175, 4-1176, 4-1180, 4-1185, 4-1187, 4-1190, 4-1191, 4-1198, 4-1199, 4-1200, 4-1201, 4-1202, 4-1204, 4-1205, 5-14, 5-19, 5-33, 5-48, 5-49, 5-65

Alaskan brook lamprey, 4-517, 4-521, 4-522

Alaskan Eskimo Whaling Commission, 4-751, 4-912, 4-1205, 5-41

Alexander Creek, 1-28, 4-163, 4-164, 4-268, 4-277, 4-281, 4-409, 4-414, 4-446, 4-492, 4-560, 4-561, 4-566, 4-584, 4-683, 4-736, 4-738, 4-851, 4-852, 4-854, 4-855, 4-856, 4-875, 4-876, 4-878, 4-879, 4-885, 4-912, 4-1017, 4-1027, 5-10, 5-20, 5-33, 5-34

alternative docking stations, 5-49

ambient air quality standards, 3-33, 4-913, 4-917, 4-918, 4-919, 4-945, 4-963, 4-975

American Community Survey (U.S. Census Bureau), 4-624, 4-625, 4-633, 4-675, 4-1024

American Institute of Chemical Engineers, 4-1052, 4-1053

American Meteorological Society/Environmental Protection Agency Regulatory Model, 4-938, 4-950, 4-960, 4-962

American Petroleum Institute, 2-76, 2-85, 2-90, 4-1054, 4-1055, 4-1057, 4-1069, 4-1071, 4-1072, 4-1073, 4-1077, 4-1078, 4-1080, 4-1082, 4-1083, 4-1091, 4-1099, 4-1115, 4-1119, 4-1120, 4-1121, 4-1127, 4-1132, 4-1133, 4-1134, 5-60, 5-61, 5-67, 5-71, 5-72, 5-74

American Society for Testing and Materials, 4-1080, 4-1086, 4-1090, 4-1110

American Society of Civil Engineers, 4-44, 4-50, 4-1033, 4-1080, 4-1091, 4-1092, 4-1093, 4-1094, 4-1095, 4-1096, 4-1097, 4-1098, 4-1099, 4-1101, 4-1102, 4-1105, 4-1119, 4-1120, 4-1131, 4-1132, 5-60, 5-71, 5-72

American Society of Mechanical Engineers, 2-76, 2-90, 4-1054, 4-1055, 4-1063, 4-1080, 4-1081, 4-1133, 5-73
 anadromous fish, 1-30, 3-45, 4-163, 4-398, 4-400, 4-403, 4-407, 4-408, 4-410, 4-428, 4-430, 4-432, 4-435, 4-436, 4-445, 4-478, 4-495, 4-496, 4-518, 4-568, 4-1191, 5-25
 Anderson Bay, 3-18, 3-33, 3-35, 3-37, 3-38, 3-39
 annual average daily traffic, 4-685, 4-704
 aquatic nuisance species, 4-445, 4-446, 5-28
 aquatic resources, 1-34, 2-62, 3-18, 4-1, 4-221, 4-250, 4-277, 4-402, 4-429, 4-1191, 5-17
 aquatic vegetation, 4-251, 4-262, 4-267, 4-268, 4-277, 4-282, 4-297, 4-449, 4-483
 aquifers, 1-39, 4-73, 4-121, 4-123, 4-124, 4-125, 4-126, 4-129, 4-130, 4-225, 4-1159, 4-1164, 4-1174
 archaeological sites, 1-18, 2-53, 4-567, 4-719, 4-720, 4-727, 4-811, 4-888, 4-903, 4-908, 4-1158
 arctic fox, 4-284, 4-286, 4-289, 4-345, 4-779, 4-1194
 Arctic Slope Regional Corporation Energy Services, LLC, 4-539, 4-619, 4-620, 4-695
 arctic tidal marsh, 4-271, 4-274
 Area of Critical Environmental Concern, 4-283, 4-312, 4-315, 4-316, 4-514, 4-564, 4-567, 4-568
 Atigun Gorge, 4-312, 4-779, 4-783
 Atigun Pass Summit, 2-71, 2-81, 4-47, 4-402, 4-582, 4-590, 4-597, 4-600, 4-608, 4-704, 4-914
 Atigun River, 4-8, 4-14, 4-163, 4-224, 4-312, 4-315, 4-416, 4-566, 4-567
 Atigun-Sagavanirktok River, 4-312
 avian resources, 2-42, 2-43, 2-44, 2-45, 4-117, 4-218, 4-321, 4-327, 4-328, 4-334, 4-336, 4-343, 4-351, 4-400, 4-515, 4-523, 4-524, 4-759, 4-760, 4-765, 4-1185, 4-1186, 4-1187, 5-22, 5-23, 5-30

B

backfill erosion, 4-112
 Badami Reservoir, 2-48, 4-220
 Bald and Golden Eagle Protection Act, 1-8, 1-23, 1-26, 1-36, 4-329, 4-335, 4-479, 4-1161, 4-1163
 bald eagles, 4-286, 4-325, 4-326, 4-327, 4-330, 4-337, 4-345, 4-346, 4-347

ballast water, 1-5, 2-35, 2-41, 2-91, 4-188, 4-207, 4-208, 4-209, 4-210, 4-216, 4-281, 4-397, 4-446, 4-458, 4-459, 4-471, 4-472, 4-477, 4-1166, 4-1178, 4-1192, 5-12, 5-23, 5-25, 5-29
 Ballast Water Management, 4-209, 4-210, 4-281, 4-397, 4-446, 4-459, 4-1166, 4-1178, 5-13, 5-23, 5-25, 5-28, 5-29
 Beaufort Coastal Plain, 2-54, 2-60, 4-2, 4-135, 4-167, 4-171, 4-174, 4-236, 4-252, 4-257, 4-261, 4-267, 4-279, 4-284, 4-288, 4-298, 4-305, 4-316, 4-321, 4-323, 4-324, 4-327, 4-331, 4-335, 4-345, 4-349, 4-403, 4-485, 4-590, 4-597, 4-914, 4-1103, 4-1181, 5-22
 Beaufort Sea, 1-11, 2-43, 3-12, 3-33, 4-16, 4-18, 4-24, 4-40, 4-76, 4-79, 4-134, 4-137, 4-154, 4-167, 4-169, 4-171, 4-172, 4-173, 4-174, 4-207, 4-213, 4-232, 4-267, 4-323, 4-330, 4-331, 4-333, 4-337, 4-341, 4-348, 4-349, 4-351, 4-352, 4-353, 4-355, 4-356, 4-358, 4-362, 4-368, 4-371, 4-373, 4-377, 4-388, 4-393, 4-394, 4-400, 4-403, 4-407, 4-411, 4-428, 4-447, 4-448, 4-451, 4-455, 4-461, 4-462, 4-473, 4-474, 4-475, 4-478, 4-480, 4-481, 4-483, 4-484, 4-485, 4-487, 4-489, 4-490, 4-491, 4-493, 4-494, 4-496, 4-497, 4-498, 4-499, 4-502, 4-503, 4-505, 4-507, 4-509, 4-698, 4-713, 4-714, 4-719, 4-755, 4-756, 4-759, 4-760, 4-761, 4-763, 4-765, 4-766, 4-769, 4-1094, 4-1171, 4-1177, 4-1181, 4-1186, 4-1187, 4-1188, 4-1190, 4-1191, 4-1192, 4-1194, 4-1199, 4-1204, 5-3, 5-23, 5-30
 Beluga Landing, 2-12, 2-13, 2-67, 3-21, 3-23, 4-80, 4-117, 4-176, 4-179, 4-197, 4-198, 4-199, 4-200, 4-212, 4-247, 4-327, 4-337, 4-345, 4-384, 4-398, 4-438, 4-456, 4-460, 4-499, 4-537, 4-617, 4-646, 4-691, 4-692, 4-693, 4-707, 4-709, 4-714, 4-983, 4-984, 4-1154, 5-12, 5-17, 5-28, 5-39, 5-43, 5-58
 Beringia Boreal, 4-2, 4-251, 4-270, 4-319, 4-325, 4-327, 4-402, 4-407, 4-518
 Biological Assessment, 1-34, 1-35, 3-27, 3-42, 3-43, 3-44, 4-351, 4-356, 4-426, 4-480, 4-494, 4-496, 4-505, 4-506, 4-512, 4-515
 biological soil crusts, 4-251, 4-267, 4-1181
 Bird Conservation Region, 4-331, 4-333, 4-334
 bird habitat, 4-324, 4-325, 4-340, 4-343, 4-345, 4-351
 bird vetch, 4-277, 4-280

Birds of Conservation Concern, 4-331, 4-333, 4-334
 black bears, 3-19, 4-284, 4-285, 4-286, 4-287, 4-289, 4-302, 4-303, 4-796, 4-797, 4-799, 4-801, 4-807, 4-826, 4-845, 4-846, 4-862, 4-863, 4-872, 4-880, 4-882, 4-885, 4-896, 4-897, 4-899, 4-904, 4-910
 black spruce, 4-72, 4-105, 4-157, 4-228, 4-233, 4-252, 4-253, 4-285, 4-298, 4-325, 4-326
 blasting, 2-41, 2-47, 2-56, 2-57, 3-23, 3-27, 3-38, 4-18, 4-19, 4-21, 4-38, 4-47, 4-48, 4-49, 4-50, 4-51, 4-75, 4-76, 4-97, 4-111, 4-116, 4-117, 4-128, 4-133, 4-156, 4-234, 4-238, 4-240, 4-243, 4-291, 4-294, 4-339, 4-340, 4-346, 4-347, 4-348, 4-381, 4-386, 4-418, 4-419, 4-428, 4-439, 4-442, 4-443, 4-515, 4-516, 4-519, 4-520, 4-530, 4-548, 4-704, 4-748, 4-750, 4-981, 4-984, 4-1012, 4-1172, 4-1173, 4-1178, 4-1186, 4-1187, 4-1188, 4-1190, 5-1, 5-2, 5-3, 5-6, 5-8, 5-9, 5-16, 5-23, 5-25, 5-26, 5-38, 5-41, 5-44
 BLM Sensitive Plant List, 4-269, 4-512
 BLM Watch List, 4-269, 4-270, 4-331, 4-334, 4-512
 bluejoint reedgrass, 4-228, 4-252
 Bostock's miner's lettuce, 4-269, 4-518
 Boulder Point Alternative, 1-16
 Boulder Point area, 2-69, 4-47, 4-705
 Brooks Foothills, 2-60, 4-2, 4-135, 4-171, 4-236, 4-252, 4-269, 4-279, 4-284, 4-288, 4-298, 4-305, 4-324, 4-327, 4-330, 4-518, 4-590, 4-597, 4-617, 4-1181
 Brooks Range, 2-21, 2-52, 2-54, 2-60, 2-61, 2-81, 4-2, 4-7, 4-8, 4-10, 4-25, 4-30, 4-45, 4-53, 4-60, 4-63, 4-65, 4-66, 4-67, 4-69, 4-71, 4-94, 4-100, 4-121, 4-123, 4-125, 4-134, 4-135, 4-137, 4-142, 4-143, 4-166, 4-171, 4-223, 4-227, 4-230, 4-233, 4-236, 4-243, 4-251, 4-252, 4-253, 4-260, 4-275, 4-276, 4-279, 4-284, 4-288, 4-302, 4-303, 4-305, 4-310, 4-312, 4-315, 4-324, 4-325, 4-327, 4-330, 4-345, 4-347, 4-408, 4-441, 4-442, 4-516, 4-559, 4-567, 4-590, 4-597, 4-617, 4-619, 4-678, 4-752, 4-755, 4-756, 4-760, 4-761, 4-770, 4-771, 4-774, 4-778, 4-782, 4-787, 4-790, 4-794, 4-798, 4-834, 4-843, 4-857, 4-914, 4-916, 4-1094, 4-1104, 4-1153, 4-1182, 4-1198, 5-3, 5-8, 5-31
 brown bears, 4-284, 4-285, 4-286, 4-287, 4-289, 4-302, 4-303, 4-317, 4-345, 4-766, 4-769, 4-771, 4-836, 4-841, 4-843, 4-845, 4-885

Bureau of Land Management, 1-3, 1-7, 1-8, 1-14, 1-18, 1-27, 1-28, 1-33, 1-35, 1-39, 1-40, 1-41, 1-42, 2-14, 2-42, 2-75, 3-1, 3-28, 3-35, 4-11, 4-13, 4-19, 4-20, 4-21, 4-59, 4-61, 4-155, 4-166, 4-259, 4-269, 4-270, 4-274, 4-275, 4-279, 4-280, 4-283, 4-289, 4-306, 4-312, 4-315, 4-323, 4-331, 4-334, 4-336, 4-349, 4-396, 4-400, 4-417, 4-479, 4-480, 4-482, 4-512, 4-514, 4-515, 4-516, 4-517, 4-518, 4-519, 4-520, 4-521, 4-522, 4-524, 4-532, 4-546, 4-547, 4-550, 4-551, 4-558, 4-559, 4-560, 4-567, 4-568, 4-571, 4-573, 4-574, 4-577, 4-579, 4-580, 4-581, 4-582, 4-583, 4-585, 4-586, 4-588, 4-589, 4-590, 4-591, 4-592, 4-593, 4-594, 4-595, 4-597, 4-599, 4-600, 4-602, 4-603, 4-607, 4-614, 4-617, 4-665, 4-670, 4-672, 4-673, 4-685, 4-696, 4-719, 4-725, 4-732, 4-733, 4-734, 4-761, 4-892, 4-930, 4-985, 4-1143, 4-1150, 4-1153, 4-1165, 4-1195, 4-1199, 4-1204, 5-1, 5-2, 5-20, 5-31, 5-35, 5-40, 5-41, 5-46
 Bureau of Ocean Energy Management, 4-181, 4-446, 4-447, 4-448, 4-451, 4-453, 4-457, 4-461, 4-1188

C

Canning River, 4-134, 4-135, 4-236, 4-310, 4-1204
 Cape Starichkof, 3-37, 3-45
 caribou herds
 Central Arctic Caribou Herd, 4-305, 4-306, 4-310, 4-312, 4-399, 4-766, 4-1185, 4-1204, 5-1
 Delta Herd, 4-311
 Denali Herd, 4-311
 Hodzana Hills Herd, 4-310
 Kenai Lowlands Herd, 4-311
 Nelchina Herd, 4-310, 4-311
 Porcupine Herd, 4-305, 4-310
 Teshekpuk Herd, 4-310
 Carlson-Foley Act, 4-274
 carriers, 2-33, 2-35, 2-91, 2-92, 3-39, 3-43, 4-208, 4-210, 4-213, 4-337, 4-393, 4-459, 4-467, 4-471, 4-540, 4-701, 4-709, 4-714, 4-960, 4-961, 4-1011, 4-1036, 4-1037, 4-1166, 4-1178, 4-1187, 5-11, 5-29, 5-30, 5-39
 cathodic protection system, 2-3, 2-4, 2-14, 2-18, 2-32, 2-62, 2-82, 2-88, 4-242, 4-247, 4-1143, 4-1144, 4-1148

census-designated place, 4-621, 4-623, 4-625, 4-632, 4-641, 4-653, 4-655, 4-657, 4-664, 4-668, 4-736, 4-738, 4-739, 4-810, 4-811, 4-832, 4-833, 4-838, 4-843, 4-847, 4-848, 4-850, 4-851, 4-871, 4-875, 4-912, 4-1019, 4-1028, 4-1205

Center for Chemical Process Safety, 4-1052, 4-1108

Chemical Facility Anti-Terrorism Standards, 4-1031, 4-1045

Chena River, 4-135, 4-143, 4-144, 4-236

Chulitna River, 2-66, 4-56, 4-57, 4-58, 4-135, 4-144, 4-153, 4-154, 4-160, 4-225, 4-236, 4-409, 4-435, 4-437, 4-553, 4-554, 4-598, 4-843, 4-848, 4-856, 4-860, 4-864, 4-867, 4-868, 4-981, 4-982, 4-983, 5-4, 5-26, 5-34, 5-43, 5-44

Class II nationally designated protected area, 1-8, 1-9, 4-579, 4-938, 4-939, 4-940, 4-943, 4-954, 4-955, 4-960, 4-963, 4-964, 4-967, 4-969, 4-972, 4-975, 4-1209, 4-1210, 5-42

Clean Air Act, 1-5, 1-8, 1-9, 1-23, 1-24, 1-27, 1-39, 4-916, 4-920, 4-921, 4-923, 4-925, 4-927, 4-928

Clean Water Act, 1-5, 1-6, 1-23, 1-24, 1-25, 1-26, 1-29, 1-38, 3-1, 4-147, 4-152, 4-206, 4-209, 4-227, 4-234, 4-250, 4-274, 4-281, 4-571, 4-1161, 4-1162

Clear Air Force Station, 4-544, 4-545, 4-568, 4-578, 4-716, 4-1032, 4-1154, 4-1156, 5-34, 5-35, 5-47, 5-57

climate change, 1-15, 1-16, 1-21, 4-25, 4-28, 4-44, 4-105, 4-108, 4-145, 4-228, 4-271, 4-275, 4-279, 4-280, 4-368, 4-731, 4-889, 4-938, 4-1094, 4-1153, 4-1205, 4-1220, 4-1221, 4-1222, 5-48

Climate Science Special Report
Fourth National Climate Assessment,
Volumes I and II, 4-1220, 4-1221

Coast Mountains Boreal, 4-2, 4-251, 4-269, 4-270, 4-326, 4-327, 4-331

Code of Federal Regulations, 1-3, 1-4, 1-5, 1-6, 1-7, 1-10, 1-11, 1-25, 1-26, 1-27, 1-28, 1-35, 1-37, 1-39, 1-41, 1-42, 2-14, 2-28, 2-56, 2-57, 2-58, 2-69, 2-76, 2-85, 2-87, 2-89, 2-91, 3-2, 3-43, 4-43, 4-80, 4-117, 4-120, 4-152, 4-189, 4-190, 4-193, 4-200, 4-201, 4-206, 4-208, 4-210, 4-213, 4-229, 4-250, 4-268, 4-281, 4-446, 4-472, 4-496, 4-508, 4-514, 4-571, 4-714, 4-719, 4-720, 4-917, 4-918, 4-921, 4-923, 4-925, 4-927, 4-928, 4-930, 4-977, 4-1031, 4-1032, 4-1033, 4-1034, 4-1035, 4-1037, 4-1038, 4-1039, 4-1043, 4-1044, 4-1045, 4-1049, 4-1050, 4-1051, 4-1055, 4-1056, 4-1057, 4-1059, 4-1064, 4-1067, 4-1068, 4-1073, 4-1079, 4-1082, 4-1085, 4-1091, 4-1092, 4-1093, 4-1096, 4-1101, 4-1102, 4-1107, 4-1110, 4-1111, 4-1112, 4-1113, 4-1116, 4-1119, 4-1121, 4-1138, 4-1139, 4-1140, 4-1141, 4-1143, 4-1144, 4-1145, 4-1154, 4-1156, 4-1166, 4-1178, 4-1192, 4-1196, 5-1, 5-12, 5-17, 5-46, 5-47, 5-59, 5-61

Coldfoot Compressor Station, 2-23, 4-352, 4-537, 4-550, 4-590, 4-609, 4-659, 4-951, 4-954, 4-956, 4-958, 4-986, 4-988, 4-995, 4-999, 4-1012, 4-1147, 5-44, 5-45

collocation, 2-10, 2-13, 2-24, 3-2, 4-275, 4-289, 4-291, 4-320, 4-343, 4-499, 4-503, 4-985, 4-990, 4-992, 4-994, 4-1010

communication, 1-28, 2-2, 2-33, 2-73, 2-75, 2-85, 4-340, 4-341, 4-343, 4-344, 4-345, 4-429, 4-501, 4-504, 4-514, 4-521, 4-545, 4-578, 4-645, 4-682, 4-712, 4-731, 4-751, 4-815, 4-820, 4-824, 4-829, 4-834, 4-838, 4-864, 4-868, 4-880, 4-984, 4-1052, 4-1164, 4-1186, 4-1188, 5-23

compaction, 2-60, 4-20, 4-68, 4-75, 4-84, 4-85, 4-93, 4-94, 4-95, 4-96, 4-97, 4-114, 4-115, 4-118, 4-129, 4-196, 4-263, 4-267, 4-278, 4-528, 4-1089, 4-1172, 4-1173, 5-5

compensation, 1-17, 4-19, 4-105, 4-530, 4-543, 4-571, 4-646, 5-37

Comprehensive Environmental Response,
Compensation, and Liability Act, 4-571, 4-574

Conservation, Management, and Recreation Act, 1-9, 1-40

construction camps, 1-15, 1-17, 1-30, 1-31, 2-3, 2-4, 2-22, 2-24, 2-25, 2-36, 2-74, 2-75, 2-82, 3-33, 4-15, 4-85, 4-86, 4-87, 4-94, 4-131, 4-156, 4-192, 4-217, 4-220, 4-221, 4-222, 4-223, 4-225, 4-226, 4-240, 4-242, 4-248, 4-255, 4-256, 4-259, 4-262, 4-265, 4-287, 4-293, 4-297, 4-303, 4-305, 4-310, 4-315, 4-317, 4-336, 4-339, 4-343, 4-344, 4-351, 4-387, 4-421, 4-488, 4-515, 4-522, 4-530, 4-539, 4-544, 4-557, 4-559, 4-560, 4-562, 4-565, 4-570, 4-616, 4-618, 4-624, 4-627, 4-631, 4-638, 4-651, 4-656, 4-657, 4-658, 4-662, 4-665, 4-667, 4-668, 4-672, 4-701, 4-702, 4-708, 4-716, 4-749, 4-751, 4-782,

4-837, 4-851, 4-856, 4-860, 4-863, 4-867,
 4-871, 4-883, 4-930, 4-932, 4-934, 4-935,
 4-936, 4-979, 4-985, 4-1028, 4-1161, 4-1219,
 5-15, 5-21, 5-23, 5-36, 5-37, 5-41
 Contaminated Sites Remediation Program,
 4-571, 4-572
 continuous plankton recorder, 4-463
 contractor yard, 2-24, 2-74, 4-91, 4-131, 4-192,
 4-281, 4-421, 4-539
 Cook Inlet
 Gas Gathering System, 4-1182
 North Cook Inlet Gas Field, 3-4
 Cook Inlet Basin, 3-48, 4-2, 4-11, 4-27, 4-80,
 4-135, 4-167, 4-188, 4-236, 4-253, 4-266,
 4-276, 4-285, 4-288, 4-298, 4-299, 4-326,
 4-327, 4-328, 4-349, 4-455, 4-593, 4-594,
 4-595, 4-598, 4-1104
 Cook Inlet Beach, 4-671
 Cook Inlet East Alternative, 3-19, 3-21, 5-49
 Cook Inlet Region, Inc., 4-19, 4-732, 4-891,
 4-892, 5-1, 5-40
 Cook Inlet Regional Citizens Advisory Council,
 4-452, 4-463, 4-1178
 Cook Inlet Risk Assessment, 4-192, 4-213
 Cook Inlet West Alternative, 1-18, 3-19, 3-21,
 3-23, 3-24, 5-49
 coontail, 4-269, 4-270
 corduroy road, 4-246
 Council on Environmental Quality, 1-4, 1-14,
 3-2, 4-1157, 4-1158
 crack arrestor spacing, 2-14, 2-87, 4-1144,
 4-1146, 5-47
 criteria air pollutant, 1-30, 3-10, 4-913, 4-923
 critical habitat, 1-8, 1-11, 1-17, 1-24, 1-25, 1-26,
 1-31, 1-34, 1-35, 3-19, 3-21, 3-23, 3-35, 3-37,
 3-42, 3-43, 3-44, 3-46, 4-163, 4-286, 4-328,
 4-349, 4-418, 4-479, 4-480, 4-481, 4-482,
 4-484, 4-485, 4-486, 4-487, 4-488, 4-489,
 4-490, 4-491, 4-492, 4-493, 4-494, 4-495,
 4-496, 4-505, 4-512, 4-513, 4-514, 4-524,
 4-581, 4-1189, 4-1193, 4-1194, 4-1195, 5-30
 cryoturbation, 4-26, 4-62, 4-72, 4-105
 cultural resources, 1-9, 1-16, 1-18, 1-23, 2-43,
 2-53, 3-18, 3-27, 4-1, 4-20, 4-163, 4-719,
 4-726, 4-727, 4-729, 4-731, 4-732, 4-733,
 4-1158, 4-1159, 4-1171, 4-1203, 4-1204,
 5-39, 5-40, 5-48, 5-51, 5-52, 5-57, 5-58

D

Dall sheep, 1-22, 4-283, 4-284, 4-285, 4-286,
 4-287, 4-288, 4-312, 4-315, 4-316, 4-319,
 4-399, 4-567, 4-568, 4-737, 4-754, 4-759,
 4-764, 4-766, 4-768, 4-769, 4-770, 4-771,
 4-773, 4-775, 4-777, 4-778, 4-779, 4-781,
 4-782, 4-785, 4-787, 4-789, 4-791, 4-793,
 4-796, 4-797, 4-799, 4-801, 4-805, 4-810,
 4-818, 4-823, 4-826, 4-827, 4-831, 4-837,
 4-841, 4-842, 4-846, 4-847, 4-851, 4-852,
 4-854, 4-855, 4-857, 4-859, 4-860, 4-863,
 4-867, 4-870, 4-872, 4-874, 4-875, 4-878,
 4-883, 4-888, 4-897, 4-902, 4-907, 4-911,
 4-1183, 5-21
 Dalton Highway, 1-29, 2-14, 2-61, 2-71, 2-82,
 3-11, 3-12, 4-30, 4-38, 4-53, 4-54, 4-58, 4-99,
 4-275, 4-278, 4-310, 4-317, 4-416, 4-503,
 4-544, 4-546, 4-547, 4-550, 4-552, 4-558,
 4-559, 4-560, 4-567, 4-581, 4-584, 4-585,
 4-589, 4-590, 4-591, 4-595, 4-597, 4-604,
 4-613, 4-617, 4-618, 4-670, 4-673, 4-685,
 4-686, 4-689, 4-701, 4-702, 4-703, 4-704,
 4-721, 4-725, 4-745, 4-766, 4-770, 4-774,
 4-778, 4-779, 4-781, 4-782, 4-783, 4-785,
 4-787, 4-790, 4-796, 4-798, 4-802, 4-803,
 4-807, 4-820, 4-833, 4-834, 4-867, 4-912,
 4-919, 4-982, 4-983, 4-986, 4-994, 4-995,
 4-999, 4-1016, 4-1109, 4-1172, 4-1173,
 4-1177, 4-1190, 4-1198, 4-1202, 5-33, 5-34,
 5-49
 Denali Alternative, 1-13, 1-16, 2-1, 3-24, 4-128,
 4-588, 4-1147, 5-49
 Denali Avoidance Alternative, 3-24, 3-26, 3-27,
 3-28, 3-29, 4-588, 5-49
 Denali National Park Improvement Act, 1-9,
 1-40, 3-29
 Denali State Park, 1-15, 1-17, 4-287, 4-528,
 4-531, 4-546, 4-549, 4-553, 4-554, 4-555,
 4-556, 4-579, 4-581, 4-584, 4-585, 4-593,
 4-595, 4-618, 4-619, 4-670, 4-688, 5-32, 5-33,
 5-34, 5-36
 Department of Homeland Security, 4-1030,
 4-1031, 4-1044, 4-1045, 4-1101, 4-1155
 Department of the Army, 1-6, 1-25, 1-38, 4-233,
 4-250, 4-352, 5-17
 Deshka River, 1-28, 2-66, 4-58, 4-59, 4-147,
 4-153, 4-160, 4-163, 4-164, 4-221, 4-225,
 4-237, 4-421, 4-437, 4-492, 4-560, 4-561,
 4-566, 4-584, 4-982, 5-3, 5-10, 5-34, 5-43,
 5-44, 5-55

Dietrich River, 2-49, 2-71, 4-8, 4-20, 4-30, 4-224, 4-408, 4-409, 4-416, 4-567

direct micro-tunneling, 2-20, 2-23, 2-41, 2-62, 2-64, 2-65, 2-66, 3-23, 4-51, 4-52, 4-53, 4-54, 4-55, 4-56, 4-57, 4-58, 4-59, 4-129, 4-147, 4-153, 4-154, 4-159, 4-160, 4-161, 4-162, 4-163, 4-197, 4-198, 4-199, 4-216, 4-221, 4-237, 4-247, 4-268, 4-336, 4-340, 4-352, 4-353, 4-382, 4-383, 4-384, 4-398, 4-414, 4-417, 4-421, 4-423, 4-433, 4-436, 4-437, 4-438, 4-442, 4-456, 4-460, 4-477, 4-478, 4-499, 4-516, 4-517, 4-518, 4-537, 4-538, 4-554, 4-555, 4-561, 4-566, 4-609, 4-645, 4-798, 4-802, 4-806, 4-810, 4-819, 4-832, 4-979, 4-981, 4-982, 4-983, 4-984, 4-1012, 4-1154, 4-1159, 4-1216, 4-1217, 5-3, 5-4, 5-8, 5-9, 5-10, 5-12, 5-16, 5-17, 5-25, 5-27, 5-28, 5-32, 5-34, 5-43, 5-45, 5-51, 5-58

disposal site, 2-4, 2-24, 2-36, 2-62, 2-77, 2-78, 3-47, 4-83, 4-85, 4-86, 4-87, 4-118, 4-151, 4-152, 4-155, 4-157, 4-158, 4-159, 4-178, 4-181, 4-202, 4-203, 4-204, 4-205, 4-233, 4-242, 4-250, 4-253, 4-256, 4-259, 4-265, 4-287, 4-349, 4-421, 4-444, 4-448, 4-455, 4-460, 4-465, 4-553, 4-557, 4-562, 4-570, 4-1089, 4-1178, 4-1191, 5-10, 5-11, 5-18, 5-56

Distinct Population Segment, 4-356, 4-362, 4-368, 4-480, 4-481, 4-482, 4-485, 4-486, 4-489, 4-490, 4-492, 4-493, 4-495, 4-496, 4-513

Distributed Control System, 4-1124, 4-1134, 5-64, 5-74

Division of Mining, Land, and Water, 3-47, 4-202, 4-239, 4-241, 4-257, 4-555, 4-557, 4-560, 4-562, 4-571, 4-572, 5-16

Dock Head 4, 2-4, 2-8, 2-9, 2-46, 2-82, 3-14, 3-16, 4-15, 4-28, 4-77, 4-93, 4-154, 4-167, 4-194, 4-195, 4-196, 4-207, 4-211, 4-271, 4-312, 4-351, 4-383, 4-392, 4-398, 4-425, 4-426, 4-430, 4-447, 4-448, 4-454, 4-455, 4-457, 4-459, 4-464, 4-473, 4-476, 4-488, 4-490, 4-497, 4-707, 4-708, 4-711, 4-713, 4-714, 4-979, 4-1177, 4-1190, 4-1192, 5-11, 5-24, 5-27, 5-30

dolphins, 2-33, 2-46, 2-80, 4-178, 4-195, 4-355, 4-373, 4-377, 4-385, 4-393, 4-394, 4-540, 4-710, 4-979, 5-23

dredged material, 1-6, 1-39, 2-4, 2-36, 2-77, 2-78, 3-33, 3-47, 4-79, 4-81, 4-83, 4-118, 4-178, 4-181, 4-199, 4-201, 4-202, 4-203,

4-204, 4-212, 4-444, 4-448, 4-450, 4-452, 4-454, 4-455, 4-460, 4-465, 4-506, 4-526, 4-528, 4-540, 4-544, 4-719, 4-726, 4-1089, 4-1190, 4-1191, 4-1192, 5-11, 5-28, 5-50

Dredged Material Management Program, 4-79, 4-81, 4-465

dredging, 1-16, 1-17, 2-4, 2-9, 2-18, 2-33, 2-35, 2-36, 2-67, 2-77, 2-78, 2-79, 2-80, 3-7, 3-9, 3-12, 3-14, 3-16, 3-19, 3-37, 3-38, 3-39, 3-41, 3-45, 3-46, 3-47, 4-80, 4-81, 4-93, 4-117, 4-118, 4-120, 4-154, 4-178, 4-181, 4-188, 4-194, 4-195, 4-196, 4-197, 4-198, 4-199, 4-201, 4-202, 4-203, 4-204, 4-205, 4-206, 4-209, 4-215, 4-226, 4-249, 4-250, 4-337, 4-355, 4-356, 4-379, 4-380, 4-381, 4-382, 4-383, 4-384, 4-389, 4-390, 4-391, 4-392, 4-394, 4-399, 4-417, 4-419, 4-426, 4-427, 4-430, 4-443, 4-444, 4-447, 4-452, 4-454, 4-455, 4-456, 4-457, 4-464, 4-465, 4-476, 4-493, 4-501, 4-503, 4-506, 4-515, 4-524, 4-646, 4-714, 4-990, 4-992, 4-1012, 4-1086, 4-1089, 4-1161, 4-1166, 4-1172, 4-1177, 4-1185, 4-1187, 4-1188, 4-1190, 4-1191, 4-1192, 4-1193, 4-1194, 5-11, 5-23, 5-24, 5-27, 5-28, 5-29, 5-31, 5-43, 5-49, 5-56, 5-57

Drinking Water Program, 4-126, 4-132, 4-147, 5-8

drinking water supply, 4-125, 4-126, 4-1014, 4-1025

E

earthquakes, 4-22, 4-24, 4-25, 4-26, 4-27, 4-28, 4-29, 4-32, 4-33, 4-35, 4-43, 4-44, 4-903, 4-1091, 4-1092, 4-1093, 4-1094, 4-1095, 4-1096, 4-1097, 4-1137, 4-1150, 4-1152, 5-2, 5-46, 5-76

easements, 1-32, 2-13, 2-59, 2-83, 4-19, 4-100, 4-101, 4-127, 4-530, 4-540, 4-543, 4-564, 4-565, 4-578, 4-647

ecoregions, 4-1, 4-2, 4-135, 4-236, 4-251, 4-270, 4-327, 4-402, 4-407, 4-410, 4-1104, 4-1171

Arctic Tundra, 4-251, 4-252, 4-267, 4-271, 4-319, 4-327, 4-402, 4-403, 4-407, 4-408, 4-415, 4-420, 4-433

Beringia Boreal, 4-319, 4-327, 4-402, 4-407, 4-518

Coast Mountains Boreal, 4-251, 4-269, 4-327, 4-331

edge effect, 4-262, 4-265, 4-266, 4-278, 4-288, 4-290, 4-334, 4-351, 5-19

Elodea, 4-277, 4-281, 4-446, 5-20
Emergency Shutdown, 4-1038, 4-1047, 4-1053,
4-1056, 4-1057, 4-1061, 4-1062, 4-1066,
4-1067, 4-1070, 4-1071, 4-1074, 4-1076,
4-1077, 4-1083, 4-1104, 4-1107, 4-1116,
4-1124, 4-1125, 4-1128, 4-1134, 4-1140,
5-64, 5-65, 5-66, 5-68, 5-73
eminent domain, 3-34, 4-530, 4-543
Endangered Species Act of 1973, 1-8, 1-10,
1-11, 1-23, 1-24, 1-25, 1-26, 1-34, 1-35, 2-42,
3-44, 4-329, 4-331, 4-334, 4-353, 4-354,
4-355, 4-356, 4-368, 4-377, 4-379, 4-380,
4-391, 4-400, 4-479, 4-480, 4-483, 4-486,
4-489, 4-491, 4-494, 4-496, 4-505, 4-512,
4-1161, 4-1163, 4-1189, 4-1195, 5-25, 5-30,
5-31, 5-57
Energy Policy Act of 2005, 1-24, 4-1032,
4-1116, 5-47
ENSTAR Natural Gas Company, 1-18, 2-20,
3-3, 3-37, 3-40, 4-557, 4-1164, 4-1165,
4-1170, 4-1196
Environmental Inspectors, 2-83, 4-61, 4-109,
4-114, 4-130, 4-417, 4-418, 4-466, 5-51
Environmental Plans, 2-41, 2-42, 2-43, 2-44,
2-45
ericaceous plants, 4-232
erosion control measures, 2-53, 2-55, 2-58, 2-59,
2-71, 2-81, 4-1, 4-91, 4-99, 4-197, 4-602,
4-746, 4-1171, 4-1175
ESA-listed species, 1-8, 1-11, 1-34, 3-44, 4-353,
4-354, 4-368, 4-391, 4-479, 4-480, 4-505,
4-512, 4-523, 4-524, 4-1161, 4-1193, 4-1195,
5-25, 5-30, 5-31
Essential Fish Habitat, 1-11, 1-16, 1-26, 1-36,
4-401, 4-411, 4-422, 4-423, 4-435, 4-436,
4-440, 4-441, 4-463, 4-472, 4-473, 4-474,
4-475, 4-476, 4-477, 4-478, 5-25, 5-26, 5-28,
5-57
Exclusive Economic Zone, 1-36, 4-209, 4-394,
4-451, 4-473, 4-476, 4-494, 4-506

F

Facility Security Assessment, 4-1043, 4-1044
Fairbanks Alternative, 1-18, 3-29, 3-31, 4-249,
4-557, 5-49
fault crossings
Castle Mountain Fault, 2-70, 4-1095
Denali Fault, 2-70, 4-10
Northern Foothills Thrust Fault, 2-70
Park Road Fault, 2-70, 3-26

Federal Aviation Administration, 2-33, 4-341,
4-343, 4-498, 4-501, 4-502, 4-504, 4-520,
4-544, 4-700, 4-701, 4-716, 4-1112, 4-1113,
5-23
Federal Emergency Management Agency, 4-40,
4-119, 4-164, 4-166, 4-1100, 4-1103, 4-1105
Federal Land Policy and Management Act, 1-7,
1-23, 1-39, 2-43, 4-61, 4-512, 4-550, 4-568
Federal Register, 1-14, 1-36, 1-37, 1-38, 2-91,
4-208, 4-329, 4-446, 4-479, 4-485, 4-486,
4-491, 4-494, 4-512, 4-720, 4-1194, 4-1222
federally listed species, 1-8, 1-11, 1-34, 3-44,
4-353, 4-354, 4-368, 4-391, 4-479, 4-480,
4-505, 4-512, 4-523, 4-524, 4-1161, 4-1193,
4-1195, 5-25, 5-30, 5-31
field locoweed, 4-269
finite element analysis, 4-1098, 4-1132, 5-71
firewater, 2-32, 2-85, 2-91, 4-220, 4-226, 4-936,
4-959, 4-1048, 4-1052, 4-1056, 4-1057,
4-1063, 4-1067, 4-1070, 4-1071, 4-1074,
4-1079, 4-1083, 4-1084, 4-1085, 4-1106,
4-1109, 4-1122, 4-1125, 4-1129, 4-1130,
4-1131, 4-1134, 4-1174, 5-63, 5-65, 5-69,
5-70, 5-74
fish passage, 1-16, 2-46, 4-194, 4-398, 4-418,
4-419, 4-422, 4-430, 4-432, 4-442, 4-477,
4-478, 4-760, 5-26
Fish Stocks of Concern, 4-401, 4-409, 4-411,
4-414
fisheries
commercial fisheries, 4-414, 4-415, 4-416,
4-426, 4-427, 4-641, 4-642, 4-714, 4-715,
4-718, 5-37
recreational fisheries, 4-414, 4-415, 4-416,
4-563
flare, 2-7, 2-8, 2-31, 2-86, 4-293, 4-334, 4-341,
4-343, 4-345, 4-520, 4-927, 4-937, 4-938,
4-940, 4-945, 4-946, 4-959, 4-960, 4-961,
4-970, 4-973, 4-974, 4-1012, 4-1051, 4-1052,
4-1062, 4-1075, 4-1077, 4-1090, 4-1210,
5-23, 5-45
Flood Insurance Rate Maps, 4-40, 4-164, 4-166,
4-1103
floodplains, 1-32, 1-34, 1-38, 2-65, 3-26, 4-41,
4-54, 4-55, 4-56, 4-57, 4-58, 4-105, 4-112,
4-125, 4-158, 4-164, 4-166, 4-349, 4-414,
4-440, 4-810, 4-819, 4-833, 4-838, 4-1163,
4-1175
fragmentation, 4-61, 4-234, 4-245, 4-262, 4-265,
4-266, 4-289, 4-290, 4-320, 4-515, 4-517,
4-519, 4-912, 4-1184, 5-4, 5-17, 5-19, 5-20

Free Trade Agreement, 1-10, 1-25, 3-2, 3-3
 frost heave, 2-14, 4-94, 4-95, 4-96, 4-105,
 4-106, 4-108, 4-441, 4-1088, 4-1119, 4-1127,
 4-1137, 4-1144, 4-1153, 5-5, 5-60, 5-67, 5-76
 fugitive dust, 1-23, 2-41, 4-91, 4-92, 4-156,
 4-218, 4-234, 4-237, 4-238, 4-245, 4-247,
 4-257, 4-261, 4-267, 4-519, 4-913, 4-930,
 4-931, 4-974, 4-1027, 4-1028, 4-1178,
 4-1181, 4-1205, 4-1206, 5-4, 5-16, 5-19, 5-41

G

Galbraith Lake, 2-16, 2-23, 4-36, 4-283, 4-302,
 4-312, 4-315, 4-316, 4-352, 4-408, 4-514,
 4-519, 4-550, 4-551, 4-558, 4-559, 4-567,
 4-568, 4-583, 4-590, 4-597, 4-608, 4-619,
 4-673, 4-700, 4-715, 4-770, 4-947, 4-948,
 4-951, 4-954, 4-955, 4-956, 4-958, 4-986,
 4-994, 4-1147, 4-1198, 5-42
 Galbraith Lake Compressor Station, 2-23, 4-36,
 4-316, 4-590, 4-673, 4-951, 4-954, 4-955,
 4-956, 4-958, 4-986, 4-994, 4-1147, 5-42
 Gallagher Flint Station National Historic
 Landmark, 1-10, 1-27, 4-720, 4-721, 5-40
 Game Management Unit, 4-297, 4-298, 4-299,
 4-311, 4-320, 4-552, 4-553, 4-674
 Gap Analysis Project, 4-253
 gas interconnection, 1-3, 1-16, 1-23, 2-14, 2-20,
 2-74, 2-82, 3-6, 3-37, 4-1160, 4-1170, 4-1172,
 4-1173, 4-1175, 4-1179, 4-1182, 4-1185,
 4-1190, 4-1195, 4-1197, 4-1199, 4-1203,
 4-1205, 4-1217
 Gas Treatment Facilities, 4-333, 4-334
 Gas Treatment Facilities alternatives, 3-1
 geologic hazards, 3-34, 4-21, 4-29, 4-1148,
 4-1172, 5-2, 5-4
 geological resources, 4-1171, 5-4
 geomagnetic disturbances, 4-1104, 4-1107
 George Parks Highway National Scenic Byway,
 2-14, 4-549, 4-555, 4-581, 4-591, 4-592,
 4-593, 4-613, 4-673, 4-688, 4-820, 4-829,
 4-832, 4-839, 4-843, 4-848, 4-857, 4-864,
 4-865, 4-867, 4-868, 4-983, 5-33
 geothermal springs, 4-270, 4-271, 4-274, 4-819
 Global Warming Potential, 4-913
 golden eagles, 1-36, 3-27, 4-286, 4-323, 4-324,
 4-325, 4-326, 4-327, 4-329, 4-330, 4-335,
 4-345, 4-346, 4-347, 4-349, 4-351, 4-479,
 4-516, 4-520, 4-521, 4-1161, 5-23
 gravel mine, 1-28, 2-1, 2-2, 2-9, 2-11, 2-40,
 2-47, 2-80, 3-10, 3-14, 3-18, 4-20, 4-93,

4-137, 4-217, 4-239, 4-240, 4-261, 4-339,
 4-428, 4-607, 4-667, 4-701, 4-932, 4-979,
 4-981, 4-1181, 5-14, 5-16, 5-49
 Gravel Sourcing Plan and Reclamation
 Measures, 2-24, 2-41, 2-47, 4-15, 4-20, 4-93,
 4-129, 4-158, 4-235, 4-440
 gray wolf, 4-283, 4-284, 4-285, 4-286, 4-287,
 4-288, 4-289, 4-290, 4-297, 4-303, 4-305,
 4-319, 4-320, 4-758, 4-766, 4-768, 4-779,
 4-822, 4-829, 4-841, 4-845, 4-865, 4-868,
 4-872, 4-876, 5-21
 greenhouse gas, 1-15, 1-18, 1-39, 3-10, 4-72,
 4-108, 4-913, 4-922, 4-927, 4-928, 4-932,
 4-933, 4-934, 4-935, 4-936, 4-938, 4-949,
 4-1153, 4-1159, 4-1205, 4-1221, 4-1222, 5-5
 GTP Meter Station, 2-17, 2-18, 4-1147
 Gulf of Alaska, 1-9, 4-167, 4-176, 4-179, 4-331,
 4-353, 4-355, 4-356, 4-358, 4-364, 4-368,
 4-371, 4-373, 4-377, 4-393, 4-400, 4-402,
 4-463, 4-473, 4-474, 4-476, 4-481, 4-482,
 4-483, 4-484, 4-486, 4-490, 4-492, 4-493,
 4-494, 4-495, 4-496, 4-505, 4-707, 4-834,
 4-899, 4-918, 4-1040, 4-1186, 4-1187, 5-23,
 5-24

H

hazard and operability review, 4-1053, 4-1056,
 4-1057, 4-1124, 5-64
 hazard identification, 4-1047, 4-1053, 4-1108
 hazardous air pollutant, 4-913, 4-923, 4-927,
 4-928, 4-936, 4-937, 4-947, 4-948, 4-949,
 4-950, 4-959, 4-1205
 health effects category, 4-1013, 4-1014, 4-1015,
 4-1026, 4-1027, 4-1028, 4-1029, 4-1030, 5-45
 Health Impact Assessment, 1-22, 4-665, 4-683,
 4-684, 4-1013, 4-1014, 4-1015, 4-1019,
 4-1020, 4-1022, 4-1023, 4-1024, 4-1025,
 4-1026, 4-1028, 4-1029, 4-1030, 4-1218,
 5-38, 5-45
 Healy Compressor Station, 2-23, 4-36, 4-293,
 4-294, 4-302, 4-342, 4-352, 4-549, 4-595,
 4-613, 4-616, 4-659, 4-673, 4-947, 4-948,
 4-952, 4-954, 4-956, 4-957, 4-958, 4-985,
 4-986, 4-988, 4-990, 4-999, 4-1000, 4-1004,
 4-1012, 4-1147, 4-1217, 5-33, 5-36, 5-44,
 5-45
 heater stations, 2-4, 2-12, 2-14, 2-15, 2-17, 2-18,
 2-22, 2-72, 2-73, 2-74, 2-88, 3-40, 4-25, 4-49,
 4-100, 4-108, 4-242, 4-247, 4-256, 4-292,
 4-293, 4-321, 4-340, 4-343, 4-386, 4-387,

4-428, 4-557, 4-618, 4-620, 4-628, 4-716,
4-747, 4-922, 4-923, 4-925, 4-926, 4-927,
4-928, 4-936, 4-943, 4-947, 4-948, 4-949,
4-950, 4-954, 4-955, 4-972, 4-975, 4-977,
4-979, 4-985, 4-986, 4-994, 4-1008, 4-1012,
4-1139, 4-1146, 4-1208, 4-1209, 4-1210,
4-1214, 4-1217, 5-42
helipads, 2-3, 2-17, 2-74, 2-89, 4-85, 4-86, 4-87,
4-220, 4-240, 4-249, 4-256, 4-262, 4-287,
4-297, 4-303, 4-315, 4-317, 4-488, 4-497,
4-545, 4-553, 4-555, 4-557, 4-578, 4-716,
4-720, 4-726, 4-1032, 4-1112, 4-1154,
4-1156, 5-34, 5-47, 5-57
Homer Electric Association, 2-31, 4-668, 4-669,
4-960, 4-1052
Honolulu Creek Compressor Station, 2-23, 4-14,
4-353, 4-949, 4-953, 4-954, 4-955, 4-956,
4-957, 4-958, 4-959, 4-986, 4-1004, 4-1147
housing, 1-15, 1-22, 2-12, 2-22, 2-92, 4-525,
4-621, 4-652, 4-654, 4-655, 4-656, 4-657,
4-658, 4-660, 4-683, 4-684, 4-730, 4-811,
4-847, 4-1025, 4-1143, 4-1200, 4-1201, 5-37
human immunodeficiency virus / acquired
immunodeficiency syndrome, 4-1024
hydrostatic testing, 2-8, 2-46, 2-48, 2-52, 2-58,
2-73, 2-74, 2-79, 4-128, 4-200, 4-216, 4-217,
4-218, 4-219, 4-220, 4-221, 4-223, 4-225,
4-237, 4-262, 4-336, 4-396, 4-421, 4-423,
4-466, 4-476, 4-521, 5-13, 5-14, 5-15, 5-29

I

ice pads, 2-3, 2-12, 2-21, 2-81, 3-32, 4-88, 4-92,
4-107, 4-137, 4-159, 4-162, 4-217, 4-220,
4-221, 4-239, 4-240, 4-241, 4-248, 4-256,
4-257, 4-259, 4-261, 4-262, 4-288, 4-488,
4-489, 4-1160, 4-1179, 5-14, 5-16, 5-18
ice roads, 1-21, 1-22, 2-10, 2-11, 2-12, 2-21,
2-40, 2-47, 2-56, 2-79, 2-80, 3-9, 3-32, 4-94,
4-137, 4-153, 4-154, 4-159, 4-162, 4-216,
4-217, 4-219, 4-221, 4-239, 4-240, 4-241,
4-248, 4-256, 4-257, 4-259, 4-261, 4-262,
4-288, 4-336, 4-419, 4-421, 4-422, 4-423,
4-497, 4-543, 4-1161, 4-1180, 5-13, 5-14,
5-16, 5-18, 5-34, 5-48
Iditarod National Historic Trail, 1-8, 1-28, 1-40,
4-546, 4-551, 4-552, 4-566, 4-579, 4-581,
4-585, 4-594, 4-612, 4-723, 4-726, 4-734,
5-33
Important Bird Area, 3-26, 3-27, 4-337, 4-348,
4-349, 4-351, 4-352, 4-353, 4-516

Incidental Harassment Authorization, 1-11,
1-36, 1-37, 3-3, 4-380, 4-381
Incidental Take Regulations, 4-380, 4-480,
4-497, 4-498, 4-499, 4-502, 4-503, 4-505,
4-507, 4-509, 4-1194, 5-30
Institute of Electrical and Electronics Engineers,
4-1080
intermediate fuel oil, 4-191
International Maritime Organization, 4-1037
International Organization for Standardization,
4-1071, 4-1080, 4-1082
International Society for Automation, 4-1052,
4-1053, 4-1054, 4-1055, 4-1074, 4-1075,
4-1076, 4-1125, 5-65
invasive species, 1-21, 1-34, 2-84, 4-210, 4-234,
4-237, 4-238, 4-245, 4-247, 4-251, 4-259,
4-266, 4-268, 4-269, 4-271, 4-274, 4-275,
4-276, 4-277, 4-278, 4-279, 4-280, 4-281,
4-282, 4-290, 4-400, 4-445, 4-446, 4-459,
4-524, 4-560, 4-743, 4-744, 4-1178, 4-1181,
4-1182, 4-1192, 5-16, 5-18, 5-19, 5-20, 5-23,
5-25, 5-28, 5-29

K

Kadleroshilik River, 2-47, 2-48, 4-171, 4-220,
4-232, 4-415
Kanuti Flats, 4-227, 4-228, 4-233, 4-785, 4-790,
4-794
Kanuti River, 4-135, 4-142, 4-224, 4-236, 4-408,
4-409, 4-416, 4-786, 4-790, 4-794, 4-796,
4-798
Kasilof South, 3-37, 3-45, 3-46
Kenai LNG Terminal, 3-3, 3-4
Kenai Spur Highway, 1-15, 1-17, 1-23, 2-25,
2-75, 3-40, 3-45, 3-46, 4-2, 4-225, 4-619,
4-686, 4-688, 4-701, 4-702, 4-704, 4-706,
4-1040, 4-1110, 4-1114, 4-1159, 4-1163,
4-1164, 4-1173, 4-1176, 4-1179, 4-1182,
4-1187, 4-1190, 4-1195, 4-1196, 4-1197,
4-1199, 4-1201, 4-1202, 4-1203, 4-1205,
4-1206, 4-1217, 4-1218
key observation points, 3-28, 4-580, 4-588,
4-589, 4-590, 4-591, 4-592, 4-593, 4-594,
4-595, 4-596, 4-600, 4-601, 4-602, 4-604,
4-605, 4-606, 4-607, 4-608, 4-609, 4-610,
4-611, 4-612, 4-613, 4-614, 4-615, 4-616,
4-617, 4-618, 4-619, 4-620, 4-990, 4-1011,
4-1199, 5-36, 5-44, 5-45

Knik Arm, 3-40, 3-41, 3-42, 3-43, 3-44, 4-135, 4-144, 4-176, 4-181, 4-182, 4-183, 4-492, 4-692, 4-865
 Knik Tribal Council, 3-18, 4-731
 Kobuk Ridges and Valleys, 4-2, 4-135, 4-236, 4-252, 4-279, 4-284, 4-288, 4-305, 4-325, 4-327
 Koyukuk River, 4-135, 4-142, 4-154, 4-160, 4-236, 4-408, 4-409, 4-416, 4-439, 4-774, 4-778, 4-779, 4-782, 4-785, 4-786, 4-790, 4-791, 4-794, 4-796, 4-798, 4-799, 4-802, 4-829, 4-982, 5-3
 Kuparuk River, 4-40, 4-134, 4-135, 4-137, 4-147, 4-167, 4-171, 4-224, 4-236, 4-310, 4-408, 4-416, 4-756, 4-1100

L

Land and Water Conservation Fund, 4-546, 4-553, 4-554
 land requirements, 2-1, 3-2
 land use, 1-32, 1-40, 2-47, 2-56, 3-2, 3-6, 3-23, 3-35, 3-37, 4-1, 4-92, 4-118, 4-280, 4-524, 4-525, 4-526, 4-527, 4-528, 4-530, 4-531, 4-538, 4-539, 4-540, 4-545, 4-552, 4-571, 4-572, 4-576, 4-578, 4-583, 4-660, 4-661, 4-673, 4-746, 4-1107, 4-1171, 4-1195, 4-1196, 4-1197, 5-31, 5-35, 5-48, 5-49, 5-50, 5-51
 landslides, 4-30, 4-31, 4-33, 4-45, 4-1097, 4-1137, 5-76
 launcher, 2-10, 2-14, 2-15, 2-18, 4-1143
 Letter of Authorization, 1-11, 1-36, 1-37, 3-3, 4-380, 4-505, 4-507, 4-508, 4-511, 4-512
 Letter of Determination, 1-4, 1-27, 4-1031, 4-1035, 4-1101, 4-1156, 5-46
 Letter of Intent, 1-7, 4-1038, 4-1040
 Letter of Recommendation, 1-7, 1-25, 4-1035, 4-1038, 4-1039, 4-1040, 4-1043, 4-1156, 5-46
 lichen, 4-267, 4-312, 4-325, 4-943, 4-1181
 Lift-on/Lift-off, 2-35, 3-44, 3-47, 3-48
 Light Detection and Ranging, 4-27, 4-30, 4-32, 4-73, 4-119, 4-135, 4-152, 4-153, 4-154, 4-160, 4-250, 4-1089
 Liquefaction Facilities alternatives, 3-1
 liquefaction train, 2-25, 2-28, 3-34, 4-959, 4-1011, 4-1046, 4-1049, 4-1135, 5-44, 5-74
 LNG carrier, 1-7, 1-23, 1-25, 2-33, 2-35, 2-91, 2-92, 3-4, 3-5, 3-33, 3-38, 3-41, 3-42, 3-43, 3-44, 3-45, 4-190, 4-193, 4-207, 4-208, 4-210, 4-212, 4-213, 4-328, 4-337, 4-356, 4-371,

4-373, 4-377, 4-380, 4-385, 4-393, 4-394, 4-395, 4-397, 4-419, 4-423, 4-427, 4-429, 4-446, 4-458, 4-459, 4-466, 4-467, 4-469, 4-471, 4-472, 4-476, 4-496, 4-504, 4-506, 4-540, 4-619, 4-645, 4-647, 4-674, 4-698, 4-701, 4-714, 4-715, 4-916, 4-959, 4-960, 4-961, 4-962, 4-964, 4-965, 4-967, 4-968, 4-969, 4-971, 4-1011, 4-1012, 4-1101, 4-1105, 4-1160, 4-1166, 4-1178, 4-1193, 5-11, 5-12, 5-13, 5-25, 5-28, 5-29, 5-30, 5-32, 5-37, 5-39, 5-46
 LNG Facilities Onshore Geotechnical Data Report, 4-1089, 4-1090, 4-1091
 lower flammability limit, 4-1039, 4-1065, 4-1075, 4-1076, 4-1077, 4-1128, 5-68
 Lower Susitna, 1-15, 1-17, 4-135, 4-144, 4-160, 4-236
 Low-pressure, 4-959, 4-961, 4-970, 4-1052

M

Magnuson-Stevens Fishery Conservation and Management Act of 1976, 1-11, 1-23, 1-26, 1-36, 4-472
 Main Production Island, 3-12
 Major Land Resource Area, 4-63, 4-65, 4-66, 4-67, 4-68
 marine
 gasoil, 4-190, 4-191
 habitat, 4-195, 4-196, 4-201, 4-267, 4-371, 4-392, 4-399, 4-402, 4-407, 4-891, 5-11, 5-28, 5-49
 impacts, 3-9, 3-14, 3-21, 3-38, 3-46
 mammals, 1-8, 1-10, 1-11, 1-17, 1-22, 1-23, 1-25, 1-26, 1-36, 1-37, 1-38, 2-41, 2-42, 2-43, 2-44, 4-117, 4-353, 4-354, 4-355, 4-356, 4-368, 4-377, 4-379, 4-380, 4-381, 4-382, 4-383, 4-384, 4-385, 4-386, 4-387, 4-388, 4-389, 4-390, 4-391, 4-392, 4-393, 4-394, 4-395, 4-396, 4-397, 4-398, 4-399, 4-400, 4-426, 4-447, 4-480, 4-497, 4-499, 4-500, 4-501, 4-503, 4-505, 4-506, 4-507, 4-508, 4-509, 4-511, 4-512, 4-523, 4-524, 4-679, 4-682, 4-696, 4-730, 4-737, 4-748, 4-751, 4-754, 4-755, 4-758, 4-759, 4-760, 4-764, 4-765, 4-766, 4-768, 4-769, 4-773, 4-782, 4-785, 4-789, 4-793, 4-797, 4-801, 4-805, 4-809, 4-810, 4-817, 4-818, 4-822, 4-823, 4-827, 4-831, 4-833, 4-836, 4-837, 4-842, 4-846, 4-851, 4-859, 4-863, 4-867, 4-870, 4-875, 4-878, 4-883, 4-885, 4-887,

4-888, 4-891, 4-893, 4-897, 4-901, 4-902,
 4-906, 4-907, 4-910, 4-911, 4-912, 4-975,
 4-979, 4-985, 4-992, 4-1023, 4-1027,
 4-1187, 4-1188, 4-1189, 4-1193, 4-1195,
 4-1204, 5-23, 5-24, 5-25, 5-30, 5-31, 5-41,
 5-44, 5-56, 5-57
 Marine Mammal Protection Act, 1-8, 1-10,
 1-11, 1-23, 1-25, 1-26, 1-36, 1-37, 1-38,
 2-42, 2-43, 3-3, 4-353, 4-354, 4-368, 4-380,
 4-381, 4-383, 4-385, 4-389, 4-480, 4-483,
 4-486, 4-505, 4-507, 4-1189, 5-24, 5-30,
 5-31, 5-57
 Marine Protection, Research, and Sanctuaries
 Act, 1-5, 1-6, 1-23, 1-39
 species, 1-17, 1-26, 1-37, 4-438, 4-443, 4-480,
 4-836, 4-845, 4-904, 4-1183, 5-27
 vessel traffic, 4-213, 4-348, 4-349, 4-682,
 4-713, 4-748, 4-1031, 4-1038, 4-1156
 Maritime Transportation Security Act, 1-7,
 4-1037, 4-1038, 4-1043, 4-1045, 4-1135, 5-75
 mass wasting, 4-8, 4-10, 4-21, 4-29, 4-30, 4-32,
 4-44, 4-45, 4-119, 4-1172, 5-2, 5-3
 Matanuska-Susitna Borough, 3-37, 3-40, 3-41,
 3-42, 3-43, 3-44, 4-114, 4-144, 4-216, 4-560,
 4-561, 4-621, 4-627, 4-628, 4-631, 4-640,
 4-641, 4-642, 4-649, 4-650, 4-651, 4-652,
 4-654, 4-656, 4-657, 4-658, 4-662, 4-663,
 4-665, 4-669, 4-670, 4-672, 4-732, 5-50
 material site, 1-27, 1-29, 2-2, 2-3, 2-4, 2-21,
 2-22, 2-25, 2-56, 2-58, 2-62, 2-74, 2-75, 4-20,
 4-21, 4-48, 4-50, 4-59, 4-85, 4-86, 4-87, 4-92,
 4-93, 4-98, 4-108, 4-110, 4-127, 4-129, 4-133,
 4-147, 4-151, 4-152, 4-155, 4-156, 4-158,
 4-159, 4-233, 4-234, 4-235, 4-238, 4-242,
 4-248, 4-249, 4-250, 4-253, 4-254, 4-256,
 4-259, 4-265, 4-287, 4-305, 4-315, 4-337,
 4-417, 4-420, 4-428, 4-439, 4-440, 4-441,
 4-442, 4-476, 4-530, 4-531, 4-537, 4-545,
 4-549, 4-550, 4-553, 4-554, 4-557, 4-559,
 4-560, 4-562, 4-565, 4-570, 4-592, 4-593,
 4-607, 4-610, 4-611, 4-618, 4-672, 4-720,
 4-725, 4-984, 4-1178, 4-1180, 4-1181,
 4-1204, 5-2, 5-9, 5-10, 5-16, 5-26, 5-32
 Memorandum of Understanding on Natural Gas
 Transportation Facilities, 4-1138
 meter station, 2-10, 2-14, 2-17, 2-18, 2-25, 2-48,
 2-73, 2-81, 4-220, 4-242, 4-247, 4-256, 4-288,
 4-340, 4-526, 4-628, 4-640, 4-712, 4-927,
 4-936, 4-979, 4-981, 4-985, 4-990, 4-992,
 4-994, 4-1010, 4-1124, 4-1140, 4-1208,
 4-1217, 5-64
 Middle Fork Koyukuk River, 2-66, 4-52, 4-53,
 4-54, 4-154, 4-160, 4-221, 4-224, 4-237,
 4-408, 4-409, 4-416, 4-421, 4-437, 4-516,
 4-568, 4-774, 4-778, 4-782, 4-790, 4-794,
 4-982, 5-3, 5-43, 5-44
 Migratory Bird Treaty Act, 1-8, 1-23, 1-26,
 1-35, 1-36, 4-329, 4-479, 4-480, 4-1161,
 4-1163
 migratory birds, 1-8, 1-26, 1-34, 1-35, 1-36,
 2-42, 2-72, 4-62, 4-323, 4-329, 4-330, 4-331,
 4-334, 4-335, 4-336, 4-338, 4-341, 4-342,
 4-344, 4-348, 4-351, 4-353, 4-479, 4-515,
 4-737, 4-755, 4-759, 4-760, 4-764, 4-765,
 4-766, 4-769, 4-773, 4-775, 4-781, 4-782,
 4-785, 4-789, 4-793, 4-796, 4-797, 4-798,
 4-801, 4-805, 4-809, 4-810, 4-818, 4-823,
 4-827, 4-831, 4-833, 4-837, 4-842, 4-846,
 4-847, 4-851, 4-859, 4-860, 4-863, 4-865,
 4-867, 4-870, 4-871, 4-875, 4-876, 4-878,
 4-879, 4-883, 4-887, 4-888, 4-897, 4-902,
 4-907, 4-910, 4-911, 4-1161, 4-1186, 4-1187,
 4-1204, 5-22
 military facilities, 4-568
 Mineral Leasing Act, 1-7, 1-8, 1-23, 1-27, 3-1,
 4-550
 mineral resources, 4-10, 4-11, 4-13, 4-14, 4-18,
 4-1171, 5-1
 mineral soil flats, 4-231, 4-235
 Minto Compressor Station, 2-23, 4-36, 4-302,
 4-352, 4-562, 4-952, 4-954, 4-986, 4-999,
 4-1147
 Minto Flats, 1-15, 1-17, 1-21, 2-12, 3-29, 3-31,
 4-22, 4-26, 4-43, 4-143, 4-248, 4-249, 4-286,
 4-298, 4-327, 4-349, 4-351, 4-352, 4-409,
 4-557, 4-558, 4-581, 4-584, 4-585, 4-591,
 4-670, 4-731, 4-751, 4-811, 4-812, 4-814,
 4-823, 4-824, 4-826, 4-827, 4-828, 4-832,
 4-975, 4-1205, 5-17, 5-49
 Minto Flats State Game Refuge, 1-21, 2-12,
 3-29, 3-31, 4-143, 4-248, 4-249, 4-286, 4-327,
 4-349, 4-557, 4-558, 4-581, 4-585, 4-591,
 4-670, 4-814, 4-824, 5-17, 5-49
 MLV spacing, 2-14, 4-1141, 4-1144, 4-1146,
 4-1156, 5-47
 moose, 1-22, 4-277, 4-283, 4-284, 4-285, 4-286,
 4-287, 4-288, 4-289, 4-290, 4-295, 4-297,
 4-298, 4-299, 4-301, 4-302, 4-319, 4-399,
 4-557, 4-566, 4-730, 4-737, 4-744, 4-745,
 4-749, 4-752, 4-754, 4-758, 4-759, 4-763,
 4-764, 4-766, 4-768, 4-769, 4-770, 4-771,
 4-773, 4-775, 4-777, 4-778, 4-779, 4-781,

4-782, 4-785, 4-787, 4-789, 4-790, 4-791,
4-793, 4-794, 4-796, 4-797, 4-798, 4-799,
4-801, 4-802, 4-803, 4-805, 4-806, 4-807,
4-809, 4-810, 4-811, 4-812, 4-814, 4-817,
4-818, 4-822, 4-823, 4-826, 4-827, 4-828,
4-829, 4-831, 4-832, 4-833, 4-836, 4-837,
4-841, 4-842, 4-843, 4-845, 4-846, 4-847,
4-850, 4-851, 4-852, 4-854, 4-855, 4-857,
4-859, 4-860, 4-862, 4-863, 4-864, 4-865,
4-867, 4-868, 4-870, 4-871, 4-872, 4-874,
4-875, 4-876, 4-878, 4-879, 4-880, 4-882,
4-883, 4-885, 4-887, 4-888, 4-889, 4-891,
4-896, 4-897, 4-898, 4-899, 4-901, 4-902,
4-904, 4-907, 4-910, 4-911, 4-912, 4-1017,
4-1183, 4-1185, 4-1205, 5-21
mountain cranberry, 4-228, 4-253, 4-781
multi-layer coating, 4-1141, 4-1144, 4-1156,
5-47
muskoxen, 3-12, 4-60, 4-283, 4-284, 4-286,
4-288, 4-295, 4-316, 4-317, 4-399, 4-754,
4-1183, 5-21

N

National Ambient Air Quality Standards, 4-916,
4-917, 4-918, 4-919, 4-920, 4-921, 4-922,
4-938, 4-939, 4-940, 4-941, 4-943, 4-944,
4-945, 4-950, 4-951, 4-952, 4-953, 4-954,
4-955, 4-960, 4-962, 4-963, 4-965, 4-966,
4-967, 4-969, 4-972, 4-973, 4-974, 4-975,
4-1209, 4-1210, 4-1211, 4-1212, 4-1213,
4-1214, 5-42, 5-43
National Association of Corrosion Engineers,
2-10, 4-1080
National Bald Eagle Management Guidelines,
4-347, 5-23
National Emission Standards for Hazardous Air
Pollutants, 4-927, 4-928
National Environmental Policy Act, 1-1, 1-3,
1-4, 1-5, 1-6, 1-8, 1-10, 1-11, 1-14, 1-23,
1-42, 2-43, 3-1, 3-2, 4-61, 4-473, 4-675,
4-730, 4-732, 4-923, 4-939, 4-1030, 4-1107,
4-1155, 4-1157, 4-1161, 4-1163
National Fire Protection Association, 1-4, 2-28,
2-32, 2-76, 2-89, 2-91, 4-43, 4-925, 4-1033,
4-1034, 4-1035, 4-1047, 4-1050, 4-1051,
4-1052, 4-1055, 4-1056, 4-1057, 4-1059,
4-1068, 4-1071, 4-1072, 4-1073, 4-1074,
4-1077, 4-1078, 4-1079, 4-1080, 4-1082,
4-1083, 4-1084, 4-1085, 4-1086, 4-1091,
4-1092, 4-1093, 4-1096, 4-1097, 4-1101,

4-1102, 4-1103, 4-1107, 4-1110, 4-1111,
4-1125, 4-1127, 4-1128, 4-1129, 4-1131,
4-1135, 5-65, 5-67, 5-68, 5-69, 5-71, 5-74
National Highway Traffic Safety
Administration, 4-1108
National Historic Preservation Act, 1-10, 1-15,
1-23, 1-27, 1-28, 1-35, 4-719, 4-729, 4-733,
4-1161, 4-1163, 4-1204, 5-40
National Historic Trails, 4-585, 4-923
National Land Cover Database, 4-524, 4-525,
4-526
National Marine Fisheries Service, 1-3, 1-10,
1-11, 1-24, 1-26, 1-34, 1-36, 1-37, 2-21, 3-3,
3-21, 3-43, 4-157, 4-192, 4-193, 4-199, 4-267,
4-268, 4-353, 4-354, 4-356, 4-358, 4-362,
4-364, 4-368, 4-371, 4-373, 4-377, 4-380,
4-381, 4-383, 4-384, 4-385, 4-386, 4-387,
4-388, 4-389, 4-390, 4-391, 4-394, 4-395,
4-396, 4-401, 4-420, 4-422, 4-426, 4-428,
4-464, 4-472, 4-473, 4-476, 4-477, 4-480,
4-482, 4-483, 4-489, 4-490, 4-491, 4-492,
4-493, 4-494, 4-495, 4-496, 4-498, 4-500,
4-504, 4-505, 4-506, 4-507, 4-641, 4-696,
4-748, 4-751, 4-1161, 4-1188, 4-1189,
4-1193, 4-1195, 5-1, 5-25, 5-27, 5-28, 5-30,
5-41, 5-57
National Oceanic and Atmospheric
Administration, 3-5, 3-12, 4-1, 4-32, 4-39,
4-40, 4-81, 4-83, 4-118, 4-121, 4-169, 4-172,
4-176, 4-178, 4-179, 4-182, 4-184, 4-192,
4-204, 4-268, 4-328, 4-337, 4-338, 4-343,
4-358, 4-371, 4-385, 4-403, 4-451, 4-456,
4-465, 4-693, 4-695, 4-697, 4-698, 4-914,
4-1091, 4-1099, 4-1100, 4-1101, 4-1103,
4-1104, 4-1108, 4-1111, 4-1151
National Park and Preserve, 1-9, 4-283, 4-286,
4-558, 4-567, 4-581, 4-673, 4-939, 4-941,
4-942, 4-943, 4-944, 4-946, 4-954, 4-956,
4-957, 4-958, 4-959, 4-963, 4-964, 4-966,
4-969, 4-972, 4-974, 4-977, 4-1198, 4-1211,
4-1212, 4-1215, 4-1216, 5-42
National Park Service, 1-3, 1-9, 1-10, 1-27,
1-35, 1-40, 2-75, 2-84, 3-27, 3-28, 4-10, 4-61,
4-68, 4-120, 4-163, 4-164, 4-227, 4-250,
4-259, 4-261, 4-274, 4-275, 4-277, 4-280,
4-286, 4-319, 4-327, 4-546, 4-547, 4-548,
4-549, 4-553, 4-554, 4-566, 4-581, 4-585,
4-586, 4-587, 4-588, 4-589, 4-596, 4-599,
4-614, 4-616, 4-618, 4-672, 4-719, 4-733,
4-847, 4-923, 4-943, 4-944, 4-958, 4-959,
4-972, 4-977, 4-988, 4-1000, 4-1004, 4-1165,

4-1210, 4-1216, 5-1, 5-10, 5-17, 5-33, 5-35, 5-36, 5-40, 5-43, 5-44, 5-56

National Parks

Denali National Park and Preserve, 1-5, 1-9, 1-10, 1-13, 1-15, 1-16, 1-17, 1-18, 1-26, 1-27, 1-29, 1-38, 1-40, 2-12, 2-14, 2-84, 3-24, 3-26, 3-27, 3-28, 3-29, 4-26, 4-60, 4-98, 4-156, 4-206, 4-216, 4-227, 4-250, 4-259, 4-261, 4-275, 4-280, 4-286, 4-298, 4-311, 4-327, 4-331, 4-349, 4-528, 4-533, 4-547, 4-548, 4-549, 4-553, 4-555, 4-556, 4-560, 4-562, 4-579, 4-580, 4-581, 4-582, 4-584, 4-585, 4-588, 4-589, 4-592, 4-596, 4-598, 4-599, 4-607, 4-614, 4-616, 4-618, 4-619, 4-670, 4-671, 4-673, 4-674, 4-684, 4-704, 4-834, 4-843, 4-847, 4-848, 4-851, 4-856, 4-864, 4-934, 4-954, 4-955, 4-956, 4-963, 4-964, 4-965, 4-968, 4-971, 4-972, 4-974, 4-977, 4-1004, 4-1016, 4-1165, 4-1199, 4-1201, 5-1, 5-14, 5-33, 5-35, 5-36, 5-38, 5-42, 5-43, 5-44, 5-48, 5-49

Gates of the Arctic National Park and Preserve, 1-9, 4-286, 4-558, 4-567, 4-581, 4-673, 4-939, 4-941, 4-942, 4-943, 4-944, 4-946, 4-954, 4-956, 4-958, 4-977, 4-1198, 4-1211, 4-1215, 4-1216, 5-42

Kenai Fjords National Park, 1-9, 4-674, 4-904, 4-963, 4-964, 4-966, 4-969, 4-971, 4-972, 4-974, 4-1213, 4-1215, 4-1216, 5-42

Lake Clark National Park and Preserve, 1-9, 4-22, 4-81, 4-674, 4-963, 4-964, 4-966, 4-969, 4-971, 4-972, 4-974, 4-1212, 4-1215, 4-1216, 5-42

National Pollutant Discharge Elimination System, 1-5, 1-26, 1-38, 2-58, 4-156, 4-206, 4-208, 4-209, 4-235, 4-281, 4-397, 4-446

National Register of Historic Places, 1-35, 3-26, 3-27, 4-551, 4-719, 4-720, 4-721, 4-722, 4-723, 4-724, 4-725, 4-726, 4-727, 4-732, 4-733, 5-40

eligible, 3-26, 4-720, 4-733, 5-40

National Trails Systems Act of 1968, 1-7, 1-8, 1-23, 1-27, 1-40

National Wetland Inventory, 3-7, 3-11, 3-37, 3-40, 4-229

National Wild and Scenic Rivers, 1-40, 3-35, 4-163, 4-566, 4-579

National Wild and Scenic Rivers Act, 1-23, 1-40, 4-163, 4-566

National Wildlife Refuge, 1-8, 1-9, 1-40, 4-286, 4-547, 4-581, 4-674, 4-954, 4-956, 4-957, 4-958, 4-963, 4-964, 4-965, 4-968, 4-970, 4-971, 4-972, 4-974, 4-977, 4-1211, 4-1213, 4-1215, 4-1216, 5-42

Alaska Maritime National Wildlife Refuge, 1-8, 1-9

Arctic National Wildlife Refuge, 1-9, 4-286, 4-310, 4-323, 4-547, 4-558, 4-566, 4-579, 4-581, 4-673, 4-765, 4-939, 4-941, 4-942, 4-943, 4-944, 4-946, 4-954, 4-955, 4-956, 4-958, 4-977, 4-1211, 4-1215, 4-1216, 5-33, 5-42

Kanuti National Wildlife Refuge, 1-9, 4-581, 4-954, 4-956, 4-957, 4-958, 4-977, 4-1212, 4-1214, 4-1215, 4-1216, 5-42

Kenai National Wildlife Refuge, 1-9, 4-286, 4-581, 4-594, 4-674, 4-954, 4-956, 4-957, 4-958, 4-959, 4-963, 4-967, 4-969, 4-972, 4-974, 4-977, 4-1213, 4-1215, 4-1216, 5-42

Kodiak National Wildlife Refuge, 1-9, 4-963, 4-967, 4-969, 4-972, 4-1214, 4-1215, 4-1216

Koyukuk National Wildlife Refuge, 1-9

Nowitna National Wildlife Refuge, 1-8, 1-9, 4-815

Selawik National Wildlife Refuge, 1-8, 1-9

Yukon Flats National Wildlife Refuge, 1-8, 1-9, 4-135, 4-143, 4-236, 4-286, 4-330, 4-352, 4-581, 4-774, 4-802, 4-954, 4-956, 4-957, 4-958, 4-977, 4-1198, 4-1201, 4-1205, 4-1211, 4-1214, 4-1215, 4-1216, 5-42

Nationwide Rivers Inventory, 1-40, 4-163, 4-566, 4-579, 5-10, 5-34

Natural Gas Pipeline Safety Act, 1-4, 2-89, 4-1138, 4-1139

Natural Resources Conservation Service, 4-10, 4-62, 4-63, 4-72, 4-74, 4-85, 4-86, 4-87, 4-95, 4-251, 4-269, 4-270, 4-1103

naturally occurring asbestos, 4-21, 4-38, 4-39

Navigation and Vessel Inspection Circular, 4-1039, 4-1040, 4-1156

Nenana Canyon, 3-26, 4-556, 4-1147

Nenana River, 1-16, 2-66, 2-67, 3-24, 3-26, 3-27, 3-28, 3-29, 4-26, 4-135, 4-143, 4-144, 4-153, 4-154, 4-160, 4-225, 4-228, 4-236, 4-278, 4-281, 4-409, 4-415, 4-435, 4-547, 4-548, 4-549, 4-555, 4-556, 4-591, 4-592, 4-593, 4-596, 4-598, 4-611, 4-673, 4-704, 4-810, 4-811, 4-814, 4-828, 4-832, 4-833, 4-837, 4-838, 4-839, 4-841, 4-842, 4-847,

4-848, 4-856, 4-1170, 4-1171, 4-1191, 5-20, 5-33, 5-36
 New Source Performance Standards, 4-925, 4-926, 4-928, 4-930, 4-932, 4-934, 4-935, 5-41
 New Source Review, 4-921, 4-922, 4-923, 4-949, 5-42
 Nikiski, 1-10, 1-12, 1-13, 1-14, 1-15, 2-17, 2-18, 2-25, 2-36, 2-92, 3-4, 3-19, 3-21, 3-23, 3-24, 3-33, 3-34, 3-40, 3-42, 3-44, 3-45, 4-35, 4-39, 4-45, 4-119, 4-124, 4-176, 4-178, 4-182, 4-183, 4-184, 4-187, 4-203, 4-204, 4-205, 4-215, 4-330, 4-343, 4-410, 4-415, 4-443, 4-451, 4-453, 4-462, 4-464, 4-465, 4-466, 4-468, 4-469, 4-484, 4-500, 4-503, 4-504, 4-538, 4-564, 4-583, 4-584, 4-585, 4-594, 4-595, 4-620, 4-621, 4-623, 4-625, 4-632, 4-645, 4-646, 4-653, 4-655, 4-660, 4-661, 4-664, 4-674, 4-688, 4-691, 4-692, 4-694, 4-695, 4-698, 4-707, 4-708, 4-710, 4-714, 4-717, 4-736, 4-738, 4-739, 4-832, 4-884, 4-888, 4-889, 4-892, 4-893, 4-894, 4-896, 4-897, 4-898, 4-960, 4-990, 4-1010, 4-1018, 4-1019, 4-1023, 4-1028, 4-1030, 4-1089, 4-1096, 4-1102, 4-1103, 4-1105, 4-1114, 4-1115, 4-1118, 4-1142, 4-1166, 4-1192, 4-1193, 4-1198, 4-1199, 4-1202, 5-37, 5-39, 5-48, 5-59
 Nikiski Meter Station, 2-17, 2-18, 4-990, 4-1010
 NMFS Technical Guidance, 4-381, 4-386, 4-388
 No Action Alternative, 3-1, 3-2, 3-3, 5-48
 noise
 airborne noise, 4-381, 4-386, 4-399, 5-24
 blowdown noise, 2-17, 2-25, 4-211, 4-467, 4-928, 4-1008, 4-1067, 4-1083, 4-1193, 5-45
 underwater noise, 4-381, 4-383, 4-384, 4-388, 4-389, 4-400, 4-438, 4-458, 4-505, 4-506, 4-507, 4-514, 4-524, 4-760, 4-979, 4-981, 4-992, 4-1187, 4-1204, 5-24, 5-30, 5-44, 5-56, 5-57
 nonindigenous aquatic species, 4-445, 4-446, 5-28
 non-jurisdictional facilities, 1-23, 2-2, 3-40, 4-2, 4-1159, 4-1160, 4-1166, 4-1170, 4-1171, 4-1173, 4-1180, 4-1181, 4-1182, 4-1183, 4-1196, 4-1198, 4-1203, 4-1219, 5-48
 North Foreland, 3-37, 3-46, 3-48, 4-884
 North Pacific Fisheries Management Council, 4-401, 4-414, 4-451, 4-473, 4-476

North Slope Borough, 1-32, 2-2, 2-8, 2-9, 2-13, 2-16, 2-17, 2-40, 3-14, 3-16, 4-214, 4-215, 4-219, 4-241, 4-257, 4-306, 4-621, 4-623, 4-625, 4-626, 4-628, 4-630, 4-631, 4-632, 4-633, 4-634, 4-635, 4-636, 4-637, 4-638, 4-639, 4-641, 4-649, 4-650, 4-651, 4-652, 4-653, 4-654, 4-655, 4-656, 4-657, 4-662, 4-663, 4-664, 4-669, 4-670, 4-671, 4-677, 4-678, 4-680, 4-681, 4-684, 4-698, 4-732, 4-761, 4-765, 4-768, 4-944, 4-1015, 4-1016, 4-1020, 4-1021, 4-1022, 4-1023, 4-1024, 4-1025, 4-1204, 5-49
 North Slope Plant Establishment Guidelines, 4-260
 noxious weed, 4-161, 4-274, 4-275, 4-276, 4-281, 4-743, 4-747
 Noxious Weed Act, 4-274

O

Occupational Safety and Health Administration, 4-976, 4-1030, 4-1031, 4-1076, 4-1079, 4-1091
 Ocean Renewable Power Company, 4-1189, 4-1196, 4-1203
 Office of Energy Projects, 4-4, 4-20, 4-44, 4-47, 4-53, 4-54, 4-57, 4-58, 4-90, 4-99, 4-113, 4-118, 4-120, 4-158, 4-162, 4-198, 4-203, 4-217, 4-261, 4-281, 4-282, 4-336, 4-389, 4-390, 4-420, 4-443, 4-483, 4-531, 4-545, 4-552, 4-554, 4-577, 4-617, 4-733, 4-751, 4-984, 4-992, 4-1012, 4-1118, 4-1119, 4-1135, 4-1137, 5-30, 5-50, 5-51, 5-52, 5-53, 5-54, 5-55, 5-56, 5-57, 5-58, 5-59, 5-74, 5-75, 5-77
 Office of Fossil Energy (of the DOE), 1-10, 1-25, 3-2, 3-3, 4-77
 open-cut construction, 2-64, 4-435, 4-705
 operations camp, 1-29, 2-4, 2-8, 2-10, 2-12, 2-92, 4-220, 4-296, 4-638, 4-657, 4-663, 4-668, 4-936, 4-1052, 4-1083
 Organic Act, 4-281, 4-923
 organic layer, 2-20, 2-39, 2-54, 2-62, 2-69, 2-72, 2-75, 2-81, 4-20, 4-66, 4-90, 4-93, 4-96, 4-98, 4-109, 4-110, 4-113, 4-114, 4-118, 4-246, 4-254, 4-257, 4-263, 4-264, 4-267, 4-278, 4-280, 4-528, 4-561, 4-1090, 4-1176, 5-2, 5-5, 5-18, 5-19
 organic soil flats (see peatlands), 4-232

P

- Pacific salmon, 4-401, 4-402, 4-403, 4-408, 4-409, 4-410, 4-411, 4-415, 4-416, 4-419, 4-420, 4-421, 4-425, 4-426, 4-438, 4-442, 4-445, 4-463, 4-476, 4-477, 4-478, 4-479, 4-518, 4-642, 4-754, 4-758, 4-759, 4-764, 4-766, 4-769, 4-773, 4-775, 4-777, 4-782, 4-785, 4-787, 4-789, 4-791, 4-793, 4-796, 4-797, 4-799, 4-801, 4-803, 4-809, 4-810, 4-812, 4-817, 4-818, 4-822, 4-823, 4-826, 4-827, 4-831, 4-834, 4-837, 4-839, 4-842, 4-845, 4-846, 4-848, 4-851, 4-854, 4-857, 4-859, 4-862, 4-863, 4-867, 4-870, 4-874, 4-875, 4-878, 4-880, 4-883, 4-887, 4-888, 4-896, 4-897, 4-899, 4-901, 4-902, 4-904, 4-906, 4-907, 4-911, 5-25
- paleontological, 1-21, 2-43, 4-59, 4-60, 4-61, 4-62, 4-567, 5-4
- passerines, 4-328, 4-331
- PBU MGS Project, 4-2, 4-1159, 4-1160, 4-1162, 4-1163, 4-1171, 4-1172, 4-1173, 4-1175, 4-1176, 4-1179, 4-1180, 4-1181, 4-1182, 4-1184, 4-1185, 4-1190, 4-1191, 4-1194, 4-1196, 4-1197, 4-1199, 4-1203, 4-1205, 4-1206, 4-1207, 4-1208, 4-1209, 4-1217
- peatlands, 4-71
- permafrost, 1-16, 1-20, 1-21, 2-7, 2-14, 2-15, 2-21, 2-40, 2-45, 2-47, 2-48, 2-49, 2-50, 2-51, 2-54, 2-55, 2-58, 2-59, 2-60, 2-62, 2-71, 2-72, 2-73, 2-87, 3-31, 3-32, 4-7, 4-8, 4-9, 4-10, 4-21, 4-25, 4-29, 4-30, 4-36, 4-39, 4-41, 4-44, 4-48, 4-49, 4-52, 4-53, 4-54, 4-55, 4-56, 4-57, 4-58, 4-59, 4-62, 4-65, 4-66, 4-67, 4-68, 4-69, 4-71, 4-72, 4-73, 4-75, 4-76, 4-83, 4-86, 4-87, 4-88, 4-89, 4-90, 4-92, 4-93, 4-94, 4-95, 4-96, 4-97, 4-98, 4-99, 4-100, 4-101, 4-105, 4-106, 4-107, 4-108, 4-109, 4-110, 4-111, 4-112, 4-113, 4-114, 4-115, 4-116, 4-118, 4-120, 4-121, 4-123, 4-125, 4-128, 4-130, 4-133, 4-134, 4-137, 4-142, 4-143, 4-145, 4-157, 4-161, 4-173, 4-217, 4-226, 4-228, 4-231, 4-232, 4-234, 4-237, 4-241, 4-243, 4-244, 4-245, 4-246, 4-249, 4-251, 4-263, 4-265, 4-271, 4-279, 4-284, 4-285, 4-326, 4-402, 4-417, 4-428, 4-441, 4-443, 4-478, 4-525, 4-532, 4-760, 4-765, 4-934, 4-936, 4-1086, 4-1087, 4-1088, 4-1094, 4-1095, 4-1100, 4-1101, 4-1103, 4-1104, 4-1150, 4-1151, 4-1153, 4-1161, 4-1172, 4-1173, 4-1175, 4-1177, 4-1178, 4-1181, 4-1221, 5-1, 5-2, 5-3, 5-4, 5-5, 5-6, 5-7, 5-14, 5-16, 5-17, 5-18, 5-22, 5-25, 5-44, 5-46, 5-48, 5-50, 5-55
- permanent access roads, 2-11, 2-12, 2-21, 2-74, 2-88, 4-13, 4-14, 4-349, 4-502, 4-532, 4-537, 4-555, 4-556, 4-560, 4-565, 4-701
- pingos, 4-7, 4-284, 4-302
- pioneer camp, 2-4, 2-12, 2-24, 4-192, 4-220, 4-222, 4-288, 4-353
- pipe storage yard, 2-3, 2-4, 2-24, 2-25, 2-62, 4-15, 4-85, 4-86, 4-87, 4-90, 4-94, 4-110, 4-147, 4-151, 4-155, 4-157, 4-158, 4-240, 4-256, 4-259, 4-262, 4-265, 4-287, 4-349, 4-420, 4-421, 4-488, 4-530, 4-537, 4-544, 4-550, 4-553, 4-557, 4-559, 4-560, 4-562, 4-565, 4-570, 4-590, 4-591, 4-592, 4-593, 4-594, 4-600, 4-608, 4-609, 4-610, 4-611, 4-612, 4-616, 4-618, 4-736, 5-10, 5-51, 5-56
- pipe-in-pipe, 2-89, 4-1059, 4-1060, 4-1061, 4-1062, 4-1070, 4-1073, 4-1082, 4-1125, 4-1126, 4-1130, 4-1144, 5-47, 5-66, 5-70
- Pipeline and Hazardous Materials Safety Administration, 1-3, 1-4, 1-5, 1-27, 2-14, 2-17, 2-18, 2-28, 2-59, 2-69, 2-76, 2-85, 2-88, 3-6, 4-80, 4-105, 4-107, 4-117, 4-159, 4-190, 4-200, 4-201, 4-216, 4-380, 4-1030, 4-1031, 4-1032, 4-1033, 4-1034, 4-1035, 4-1045, 4-1051, 4-1056, 4-1059, 4-1067, 4-1068, 4-1073, 4-1079, 4-1086, 4-1091, 4-1092, 4-1093, 4-1101, 4-1107, 4-1108, 4-1109, 4-1110, 4-1111, 4-1112, 4-1113, 4-1116, 4-1138, 4-1139, 4-1141, 4-1143, 4-1144, 4-1145, 4-1146, 4-1148, 4-1149, 4-1150, 4-1151, 4-1153, 4-1154, 4-1155, 4-1156, 4-1178, 5-1, 5-12, 5-46, 5-47
- pipings erosion, 4-95, 4-112, 4-113, 5-6, 5-56
- Plant Materials Center, 4-281
- Plant Protection Act, 4-274
- PND Engineers, Inc., 4-1086, 4-1087, 4-1088
- polar bears, 1-17, 1-25, 1-36, 1-37, 2-43, 3-12, 4-286, 4-289, 4-480, 4-481, 4-487, 4-489, 4-496, 4-497, 4-498, 4-499, 4-500, 4-502, 4-503, 4-505, 4-506, 4-507, 4-508, 4-509, 4-510, 4-511, 4-512, 4-513, 4-514, 4-515, 4-524, 4-758, 4-766, 4-769, 4-1193, 4-1194, 5-30, 5-31
- pollinator habitat, 4-251, 4-268, 4-269, 4-280
- population growth, 4-317, 4-627, 4-628, 4-656, 4-662, 4-663, 4-1165, 4-1200, 5-36, 5-37
- porpoises, 4-355, 4-356, 4-373, 4-379, 4-380, 4-384, 4-391, 4-393, 4-396

Port MacKenzie, 1-16, 1-18, 1-32, 3-37, 3-40, 3-41, 3-42, 3-43, 3-44, 3-45, 4-697
 Port MacKenzie Alternative, 1-16, 1-18, 3-40, 3-41, 3-42, 3-43, 3-44, 3-45
 Port Valdez Alternative Sites, 3-35
 ports, 1-7, 1-15, 1-16, 1-18, 1-25, 1-32, 3-5, 3-18, 3-35, 3-37, 3-38, 3-39, 3-40, 3-41, 3-42, 3-43, 3-44, 3-45, 4-35, 4-189, 4-208, 4-209, 4-371, 4-393, 4-395, 4-427, 4-491, 4-544, 4-646, 4-691, 4-692, 4-693, 4-694, 4-695, 4-696, 4-697, 4-707, 4-708, 4-709, 4-710, 4-711, 4-712, 4-713, 4-714, 4-717, 4-718, 4-729, 4-736, 4-739, 4-888, 4-889, 4-891, 4-892, 4-893, 4-903, 4-904, 4-906, 4-907, 4-908, 4-910, 4-1016, 4-1017, 4-1018, 4-1019, 4-1035, 4-1036, 4-1037, 4-1038, 4-1039, 4-1043, 4-1102, 4-1105, 4-1135, 4-1163, 4-1171, 4-1178, 4-1187, 4-1188, 4-1202, 4-1203, 5-39, 5-46, 5-50, 5-75
 Prince William Sound, 3-34, 3-35, 3-39, 4-641, 4-695, 4-698, 4-834, 4-836, 4-839, 4-843, 4-848, 4-857, 4-862, 4-876, 4-891, 4-894, 4-898, 4-903, 4-908
 property value, 1-15, 1-17, 4-540, 4-543, 4-544, 4-621, 4-659, 4-660, 4-661, 4-679, 4-683, 5-37
 protected species, 4-330, 4-349, 4-395, 4-912
 Prudhoe Bay Operations Staging Area, 2-40, 4-351, 4-362, 4-368, 4-371, 4-373, 4-385, 4-392, 4-457, 4-487, 4-498, 4-712, 4-713
 PTU Expansion Project, 4-2, 4-1159, 4-1160, 4-1161, 4-1163, 4-1177, 4-1179, 4-1181, 4-1184, 4-1188, 4-1190, 4-1192, 4-1194, 4-1203, 4-1206, 4-1207, 4-1208, 4-1209
 public comments, 1-5, 1-14, 1-37, 4-4, 4-922
 Public Health and Safety, 2-41, 2-43, 2-44, 4-1013, 4-1159, 4-1218
 public involvement, 4-547, 4-551, 4-922
 Public open house meetings, 1-12
 public safety, 1-31, 4-571, 4-651, 4-663, 4-664, 4-665, 4-1015, 4-1032, 4-1033, 4-1039, 4-1093, 4-1149, 4-1156, 5-46
 Putuligayuk Mine site, 2-9
 Putuligayuk River, 2-9, 2-10, 2-12, 2-47, 4-20, 4-40, 4-171, 4-219, 4-220, 4-221, 4-224, 4-407, 4-432, 4-1100, 5-14, 5-27

R

Rabideux Creek Compressor Station, 2-15, 2-23, 4-36, 4-353, 4-925, 4-948, 4-949, 4-953, 4-954, 4-986, 4-1004, 4-1147
 rail spur, 2-24, 4-15, 4-560, 4-693, 4-706, 4-707, 5-38
 rail yard, 1-33, 2-24, 4-689, 4-695, 4-702, 4-706
 raptors, 4-330, 4-334, 4-339, 4-344, 4-345, 4-347, 4-520, 4-568
 rare plants, 3-27, 4-251, 4-269, 4-271, 4-274, 4-280, 4-282, 4-518, 4-567, 4-1181, 4-1182, 4-1183
 rare species, 4-271, 4-348
 Ray Mountains, 2-54, 4-2, 4-8, 4-10, 4-37, 4-38, 4-135, 4-236, 4-251, 4-252, 4-253, 4-275, 4-276, 4-278, 4-284, 4-288, 4-298, 4-305, 4-325, 4-327, 4-349, 4-590, 4-591, 4-595, 4-597, 4-815
 Ray River Compressor Station, 2-15, 2-23, 4-352, 4-550, 4-559, 4-589, 4-613, 4-952, 4-954, 4-956, 4-957, 4-958, 4-986, 4-999, 4-1147, 4-1214
 receiver, 2-10, 2-14, 2-15, 2-18, 2-25
 recreation areas, 4-524, 4-546, 4-548, 4-551, 4-553, 4-554, 4-555, 4-561, 4-562, 4-566, 4-579, 4-584, 4-619, 4-670, 4-671, 4-673, 4-674, 4-684, 4-1198, 5-33
 recreational fishing, 1-34, 4-214, 4-215, 4-400, 4-416, 4-432, 4-445, 4-453, 4-563, 4-670, 4-671, 4-674
 red fescue, 4-260, 4-261, 5-19
 red fox, 4-284, 4-285, 4-286, 4-287, 4-289, 4-344, 4-829, 4-850
 reed canarygrass, 4-276, 4-277
 regional haze, 4-547, 4-548, 4-579, 4-673, 4-674, 4-940, 4-943, 4-946, 4-955, 4-963, 4-964, 4-972, 4-973, 4-974, 4-975, 4-1210, 5-42, 5-43
 Representative Monitoring Evaluation Sites, 4-259, 4-260, 4-281, 5-19
 Research Natural Area, 4-269, 4-312, 4-315, 4-567, 4-568
 residential areas, 2-59, 4-74, 4-116, 4-537, 4-539, 4-540, 4-661, 4-683, 4-979, 4-1039, 4-1196, 4-1218
 Resource Conservation and Recovery Act, 2-8, 2-86, 4-76, 4-571, 4-572, 4-574, 4-575
 revegetation, 2-21, 2-39, 2-43, 2-56, 2-58, 2-59, 2-60, 2-63, 2-74, 2-78, 2-84, 2-88, 4-45, 4-47, 4-68, 4-75, 4-83, 4-84, 4-85, 4-88, 4-89, 4-90,

4-91, 4-92, 4-93, 4-97, 4-98, 4-99, 4-100,
4-101, 4-106, 4-107, 4-109, 4-111, 4-112,
4-113, 4-115, 4-116, 4-117, 4-118, 4-155,
4-157, 4-161, 4-166, 4-235, 4-237, 4-241,
4-243, 4-245, 4-253, 4-254, 4-258, 4-259,
4-260, 4-261, 4-262, 4-263, 4-264, 4-265,
4-266, 4-267, 4-279, 4-280, 4-281, 4-282,
4-306, 4-393, 4-417, 4-436, 4-437, 4-441,
4-477, 4-478, 4-516, 4-519, 4-531, 4-562,
4-604, 4-608, 4-609, 4-610, 4-611, 4-612,
4-613, 4-614, 4-615, 4-616, 4-617, 4-682,
4-912, 4-1027, 4-1171, 4-1173, 4-1176,
4-1182, 4-1183, 4-1184, 5-3, 5-4, 5-5, 5-6,
5-9, 5-16, 5-18, 5-19, 5-20, 5-25, 5-35
Comparative Belowground Designs and
Revegetation Efforts in Northern and
Interior Alaska, 4-259, 4-263, 4-264
Richardson Highway, 3-38, 3-39, 4-27, 4-311,
4-685, 4-686, 4-688, 4-689, 4-701, 4-702,
4-704
riverine, 4-76, 4-166, 4-231, 4-232, 4-233,
4-235, 4-288, 4-302, 4-323, 4-324, 4-403,
4-407, 4-420, 4-435, 4-462, 4-802, 4-871,
4-1175, 4-1179
Rivers and Harbors Act of 1899, 1-6, 1-7, 1-23,
1-25, 1-38, 3-1, 4-151, 4-152, 4-250, 4-1161
Robe Lake, 3-37, 3-39

S

Safe Drinking Water Act, 1-5, 1-39
safe shutdown earthquake, 4-1093, 4-1094,
4-1096, 4-1099
Safety Instrumented System, 4-1054, 4-1122,
4-1124, 4-1134, 5-63, 5-64, 5-65, 5-74
Safety Integrity Level, 4-1061, 4-1063, 4-1067,
4-1125, 4-1130, 5-65, 5-69
Sagavanirktok River, 2-8, 2-10, 2-47, 4-9, 4-10,
4-14, 4-41, 4-76, 4-121, 4-134, 4-135, 4-137,
4-147, 4-153, 4-154, 4-159, 4-166, 4-171,
4-173, 4-220, 4-224, 4-236, 4-310, 4-317,
4-323, 4-327, 4-362, 4-388, 4-392, 4-403,
4-407, 4-415, 4-427, 4-433, 4-439, 4-447,
4-461, 4-720, 4-761
Sagwon Compressor Station, 2-23, 3-32, 4-352,
4-947, 4-951, 4-954, 4-956, 4-958, 4-986,
4-994, 4-1147
saltwater treatment plant, 3-16, 5-49
San Rafael Swell, 4-27, 4-1152, 4-1153, 5-47
Satellite Drilling Island, 3-12

scoping meetings, 1-12, 1-13, 1-15, 4-564,
4-735, 4-743
scoping period, 1-12, 1-13, 4-118, 4-732
screeding, 2-4, 2-9, 2-46, 4-76, 4-94, 4-120,
4-188, 4-194, 4-195, 4-211, 4-341, 4-355,
4-379, 4-382, 4-383, 4-384, 4-389, 4-390,
4-391, 4-392, 4-397, 4-398, 4-417, 4-424,
4-426, 4-430, 4-454, 4-455, 4-456, 4-457,
4-464, 4-473, 4-476, 4-497, 4-506, 4-524,
4-1161, 4-1177, 4-1188, 4-1190, 4-1192,
5-11, 5-23, 5-24, 5-27, 5-28, 5-29, 5-56, 5-57
sea ice, 1-15, 1-21, 2-8, 3-4, 4-117, 4-118,
4-171, 4-173, 4-183, 4-184, 4-193, 4-203,
4-211, 4-213, 4-358, 4-362, 4-368, 4-391,
4-393, 4-398, 4-447, 4-448, 4-461, 4-462,
4-464, 4-482, 4-483, 4-485, 4-486, 4-487,
4-490, 4-491, 4-494, 4-507, 4-696, 4-698,
4-713, 4-765, 4-1043, 4-1102, 4-1105,
4-1118, 4-1194, 4-1221, 5-59
sea lions, 1-22, 4-385, 4-388, 4-393, 4-482,
4-495, 4-496, 4-498, 4-500, 4-501, 4-503,
4-504, 4-513, 4-906, 4-907, 4-910, 4-911,
4-912, 4-1193, 4-1195
sea otters, 1-22, 1-25, 1-36, 1-37, 1-38, 4-368,
4-386, 4-454, 4-480, 4-481, 4-485, 4-486,
4-496, 4-499, 4-500, 4-504, 4-513, 4-515,
4-746, 4-891, 4-901, 4-902, 4-906, 4-907,
4-912, 4-1189, 4-1193, 5-31
seals, 4-130, 4-355, 4-356, 4-358, 4-362, 4-379,
4-380, 4-384, 4-386, 4-387, 4-391, 4-393,
4-395, 4-481, 4-484, 4-489, 4-490, 4-494,
4-496, 4-497, 4-498, 4-499, 4-502, 4-506,
4-512, 4-513, 4-514, 4-524, 4-752, 4-754,
4-758, 4-760, 4-763, 4-765, 4-766, 4-885,
4-887, 4-902, 4-906, 4-907, 4-912, 4-947,
4-948, 4-949, 4-950, 4-1046, 4-1057, 4-1070,
4-1074, 4-1123, 4-1194, 5-30, 5-31, 5-64
ringed seal, 1-17, 4-447, 4-481, 4-487, 4-494,
4-496, 4-497, 4-498, 4-499, 4-502, 4-506,
4-512, 4-513, 4-514, 4-524, 4-754, 4-758,
4-764, 4-765, 5-30
Section 106, 1-10, 1-15, 1-23, 1-27, 1-28, 1-35,
4-719, 4-720, 4-721, 4-727, 4-728, 4-729,
4-731, 4-732, 4-1161, 4-1204, 5-40
sedges, 4-228, 4-232, 4-233, 4-252, 4-270,
4-287, 4-302, 4-312, 4-324, 4-325, 4-328,
4-333, 4-334
seed mix, 1-21, 4-260, 4-261, 4-274, 4-279,
4-281, 4-1183, 5-19, 5-20
native seed mix, 4-264
restoration seed mix, 4-260

seeps, 4-132, 5-8
 Seismic activity, 1-18, 4-22, 4-30, 4-1092,
 4-1095, 4-1103, 4-1104, 4-1106, 4-1150, 5-46
 sensitive visual resource area, 4-579, 4-585
 Seward Alternative, 3-39, 3-40
 Shaviovik River, 2-47, 4-134, 4-171, 4-220,
 4-232, 4-415, 4-427, 4-433, 4-766
 shipping channel, 3-41, 4-697, 4-715, 4-718
 Society of Fire Protection Engineers, 4-1080
 socioeconomics, 4-1, 4-1170, 5-48
 soil erosion, 2-56, 4-39, 4-67, 4-74, 4-83, 4-85,
 4-109, 4-111, 4-118, 4-157, 4-528, 4-1172
 soil liquefaction, 4-21, 4-22, 4-24, 4-28, 4-29,
 4-43, 4-44, 4-106, 4-1092, 4-1095, 4-1097,
 5-2
 Soil Survey Geographic Database, 4-62, 4-74,
 4-113
 soils and sediments, 2-41, 2-43, 2-44, 2-45,
 4-62, 4-68, 4-1172, 4-1173, 4-1177
 Special Permits, 1-5, 1-27, 2-17, 2-18, 2-87,
 2-89, 4-105, 4-106, 4-107, 4-1141, 4-1143,
 4-1144, 4-1145, 4-1146, 4-1150, 4-1153,
 4-1156, 5-47
 species of greatest conservation need, 4-323,
 4-331, 4-334, 4-516, 4-523, 4-524, 4-1195,
 5-31
 Species of Greatest Conservation Need, 4-323
 spectacled eider, 4-327, 4-349, 4-480, 4-485,
 4-496, 4-497, 4-498, 4-499, 4-500, 4-501,
 4-502, 4-503, 4-512, 4-514, 4-515, 4-524,
 4-749, 4-1193, 4-1194, 5-30, 5-31
 spill containment, 2-89, 4-190, 4-193, 4-194,
 4-1046, 4-1047, 4-1056, 4-1057, 4-1058,
 4-1059, 4-1060, 4-1062, 4-1064, 4-1071,
 4-1073, 4-1099, 4-1125, 4-1126, 4-1127,
 5-65, 5-66, 5-67
 spills, 1-26, 1-29, 1-30, 2-43, 2-85, 2-89, 2-91,
 4-20, 4-80, 4-119, 4-130, 4-131, 4-189, 4-190,
 4-191, 4-192, 4-193, 4-194, 4-212, 4-213,
 4-214, 4-396, 4-417, 4-418, 4-428, 4-429,
 4-430, 4-470, 4-505, 4-522, 4-571, 4-573,
 4-574, 4-575, 4-576, 4-577, 4-578, 4-579,
 4-604, 4-616, 4-620, 4-889, 4-891, 4-892,
 4-893, 4-903, 4-1034, 4-1035, 4-1036,
 4-1039, 4-1045, 4-1047, 4-1056, 4-1057,
 4-1058, 4-1059, 4-1060, 4-1061, 4-1062,
 4-1063, 4-1064, 4-1065, 4-1069, 4-1070,
 4-1071, 4-1073, 4-1076, 4-1080, 4-1099,
 4-1108, 4-1111, 4-1125, 4-1126, 4-1127,
 4-1130, 4-1131, 4-1132, 4-1133, 4-1173,
 4-1176, 4-1194, 5-11, 5-25, 5-65, 5-66, 5-67,
 5-70, 5-71, 5-72
 sport fishing, 4-451, 4-550, 4-568, 4-891
 springs, 1-39, 2-66, 4-49, 4-50, 4-128, 4-130,
 4-132, 4-133, 4-274, 4-562, 4-616, 4-685,
 4-729, 4-736, 4-738, 4-810, 4-811, 4-812,
 4-814, 4-819, 4-820, 4-822, 4-823, 4-824,
 4-839, 4-1016, 4-1173, 4-1174, 5-3, 5-7, 5-8
 state game refuge, 2-12, 3-29, 3-46, 4-248,
 4-249, 4-287, 4-327, 4-328, 4-557, 4-581
 State Historic Preservation Office, 1-35, 3-27,
 4-719, 4-720, 4-721, 4-722, 4-723, 4-724,
 4-725, 4-726, 4-727, 4-732, 4-733, 5-40, 5-57,
 5-58
 Stefansson Sound, 4-268, 4-451
 Steller's eider, 3-44, 4-327, 4-328, 4-480, 4-481,
 4-483, 4-484, 4-497, 4-498, 4-499, 4-500,
 4-501, 4-502, 4-503, 4-504, 4-506, 4-513,
 4-515, 4-1193, 4-1194, 5-31
 strain-based design, 2-14, 4-1144, 4-1146,
 4-1156, 5-47
 string bog, 4-241, 4-248, 4-249, 5-17
 submerged aquatic vegetation, 4-267, 4-277,
 4-281, 4-1181, 4-1182
 subsidence, 2-58, 3-31, 4-10, 4-19, 4-21, 4-35,
 4-36, 4-40, 4-43, 4-65, 4-67, 4-87, 4-94, 4-96,
 4-99, 4-108, 4-110, 4-120, 4-237, 4-241,
 4-257, 4-264, 4-1085, 4-1088, 4-1091,
 4-1092, 4-1095, 4-1100, 4-1103, 4-1118,
 4-1119, 4-1150, 4-1153, 4-1181, 5-5, 5-46,
 5-58, 5-60
 subsistence
 subsistence communities, 4-508, 4-584,
 4-735, 4-736, 4-743, 4-783, 4-1204, 5-41
 subsistence harvesting, 1-12, 1-41, 3-46,
 4-486, 4-682, 4-735, 4-737, 4-742, 4-743,
 4-744, 4-745, 4-748, 4-749, 4-751, 4-755,
 4-761, 4-763, 4-766, 4-770, 4-771, 4-775,
 4-778, 4-779, 4-781, 4-783, 4-803, 4-828,
 4-829, 4-865, 4-868, 4-876, 4-892, 4-893,
 4-896, 4-899, 4-911, 4-1204, 4-1205
 subsistence resources, 1-41, 4-354, 4-414,
 4-496, 4-682, 4-683, 4-731, 4-734, 4-735,
 4-736, 4-739, 4-740, 4-741, 4-742, 4-743,
 4-744, 4-745, 4-746, 4-747, 4-748, 4-749,
 4-751, 4-754, 4-756, 4-766, 4-768, 4-775,
 4-777, 4-778, 4-779, 4-781, 4-783, 4-785,
 4-786, 4-789, 4-793, 4-794, 4-796, 4-797,
 4-798, 4-799, 4-801, 4-802, 4-805, 4-807,
 4-809, 4-811, 4-812, 4-815, 4-818, 4-820,
 4-822, 4-823, 4-824, 4-826, 4-827, 4-829,

4-831, 4-832, 4-833, 4-836, 4-837, 4-838,
 4-839, 4-841, 4-843, 4-845, 4-846, 4-847,
 4-848, 4-850, 4-851, 4-852, 4-854, 4-856,
 4-859, 4-860, 4-862, 4-863, 4-864, 4-865,
 4-868, 4-870, 4-872, 4-874, 4-876, 4-878,
 4-879, 4-880, 4-882, 4-884, 4-887, 4-889,
 4-891, 4-894, 4-896, 4-897, 4-898, 4-899,
 4-901, 4-903, 4-906, 4-907, 4-908, 4-910,
 4-911, 4-912, 4-913, 4-1014, 4-1019,
 4-1028, 4-1029, 4-1159, 4-1185, 4-1204,
 4-1205, 5-40, 5-41, 5-44
 subsistence use areas
 Kenai Peninsula Region, 4-277, 4-738, 4-888,
 4-889, 4-891, 4-892, 4-893
 North Slope Region, 4-738, 4-752, 4-754,
 4-755
 South-Central Region, 4-738, 4-851, 4-852,
 4-854, 4-855
 Tanana River Region, 4-268, 4-738, 4-745,
 4-810, 4-811, 4-812, 4-814
 Yukon River Region, 4-228, 4-738, 4-744,
 4-745, 4-774, 4-775, 4-777, 4-778, 4-779,
 4-783
 Suneva Lake, 2-12, 2-13, 2-24, 2-67, 3-19, 3-23,
 4-47, 4-48, 4-80, 4-117, 4-176, 4-197, 4-198,
 4-199, 4-200, 4-247, 4-353, 4-384, 4-398,
 4-438, 4-456, 4-460, 4-499, 4-537, 4-983,
 4-984, 4-1154, 5-3, 5-12, 5-17, 5-28, 5-32,
 5-43, 5-58
 Supervisory Control and Data Acquisition, 2-87,
 2-88, 4-107, 4-108, 4-109, 4-1140, 4-1155,
 4-1164
 Supplemental Notice, 1-13, 1-14
 surface erosion, 2-56, 4-110, 4-112
 Susitna Flats, 4-287, 4-328, 4-337, 4-349, 4-351,
 4-353, 4-453, 4-557, 4-581, 4-674
 Susitna Flats State Game Refuge, 4-287, 4-328,
 4-337, 4-349, 4-557, 4-581, 4-674

T
 Talkeetna Mountains, 4-7, 4-9, 4-56, 4-311,
 4-856, 4-857, 4-860, 4-865
 Tanana River, 1-20, 2-66, 4-8, 4-52, 4-55, 4-56,
 4-123, 4-125, 4-135, 4-143, 4-154, 4-160,
 4-215, 4-225, 4-228, 4-236, 4-248, 4-258,
 4-268, 4-286, 4-312, 4-327, 4-409, 4-415,
 4-416, 4-437, 4-445, 4-483, 4-517, 4-562,
 4-591, 4-645, 4-685, 4-686, 4-736, 4-738,
 4-745, 4-752, 4-810, 4-811, 4-812, 4-814,
 4-815, 4-819, 4-820, 4-823, 4-824, 4-826,
 4-828, 4-829, 4-832, 4-833, 4-837, 4-838,
 4-839, 4-902, 4-981, 4-982, 4-983, 5-43
 Tanana Valley State Forest, 3-29, 4-532, 4-562,
 4-563, 4-581, 4-584, 4-585, 5-33
 Tanana-Kuskokwim Lowlands, 2-54, 4-2, 4-7,
 4-8, 4-10, 4-29, 4-60, 4-135, 4-227, 4-228,
 4-233, 4-236, 4-244, 4-248, 4-279, 4-284,
 4-288, 4-298, 4-325, 4-327, 4-331, 4-591,
 4-592, 4-597, 4-824
 tax revenue, 3-4, 4-621, 4-651, 4-652, 4-1200
 terrestrial habitat, 4-283, 4-288, 4-337, 4-377,
 4-400, 4-487, 5-23
 thaw layer detachment, 4-29, 4-30, 4-45, 4-99
 thaw settlement, 2-14, 2-58, 2-72, 4-35, 4-36,
 4-52, 4-73, 4-87, 4-88, 4-89, 4-95, 4-96, 4-97,
 4-98, 4-100, 4-105, 4-106, 4-107, 4-157,
 4-1144, 4-1153, 5-5, 5-47
 Theodore River Heater Station, 2-16, 2-18, 2-24,
 4-36, 4-287, 4-302, 4-351, 4-353, 4-386,
 4-925, 4-948, 4-949, 4-950, 4-953, 4-954,
 4-956, 4-957, 4-958, 4-959, 4-986, 4-1008,
 4-1147
 thermal effects, 4-441
 thermal modeling, 4-101
 thermokarst, 4-67, 4-68, 4-73, 4-89, 4-90, 4-92,
 4-96, 4-107, 4-108, 4-109, 4-120, 4-157,
 4-161, 4-173, 4-222, 4-237, 4-238, 4-241,
 4-245, 4-246, 4-257, 4-428, 4-749, 4-1087,
 4-1088, 4-1153, 4-1173, 4-1178, 4-1180, 5-4,
 5-5
 Third-Party Compliance Monitoring Program,
 2-84
 Thompson Pass, 3-38, 4-94
 threatened and endangered species, 1-10, 1-24,
 1-25, 1-35, 4-239, 4-479, 4-523, 4-731,
 4-1189, 4-1195, 5-30, 5-50
 endangered, 1-8, 1-17, 1-35, 3-26, 3-44,
 4-163, 4-354, 4-479, 4-480, 4-731, 5-30,
 5-51
 Special Status Species, 1-17, 4-117, 4-512,
 4-523, 4-1159
 threatened, 1-8, 1-11, 1-24, 1-34, 4-163,
 4-354, 4-479, 4-489
 Threatened, Endangered, and Other Special
 Status Species, 2-41, 2-42, 2-43, 2-44,
 4-479, 4-1193, 5-30
 timber mats, 2-62, 4-90, 4-97, 4-246, 4-257
 Tolovana River, 4-135, 4-143, 4-153, 4-154,
 4-224, 4-236, 4-409, 4-439, 4-810, 4-811,
 4-823, 4-824, 4-828, 4-829

Toolik Lake, 4-269, 4-283, 4-312, 4-315, 4-316, 4-514, 4-518, 4-519, 4-567, 4-568, 4-779, 4-783
 Toolik Lake Research Natural Area, 4-269, 4-283, 4-312, 4-315, 4-514, 4-518, 4-519, 4-567, 4-568
 topsoil, 2-20, 2-39, 2-54, 2-62, 2-69, 2-72, 2-75, 2-81, 4-20, 4-66, 4-90, 4-93, 4-96, 4-98, 4-109, 4-110, 4-113, 4-114, 4-118, 4-246, 4-254, 4-257, 4-263, 4-264, 4-267, 4-278, 4-280, 4-528, 4-561, 4-1090, 4-1176, 5-2, 5-5, 5-18, 5-19
 total live vascular cover, 4-251, 4-260, 5-19
 Totem Ocean Trailer Express, Inc., 4-693, 4-708, 4-709
 tourism, 1-15, 1-16, 1-17, 4-279, 4-531, 4-547, 4-548, 4-551, 4-555, 4-556, 4-561, 4-572, 4-584, 4-585, 4-604, 4-608, 4-610, 4-633, 4-666, 4-669, 4-670, 4-671, 4-672, 4-673, 4-674, 4-684, 4-689, 4-707, 4-735, 4-856, 4-898, 4-1181, 4-1201, 5-33, 5-38
 traditional knowledge, 1-19, 1-20, 4-4, 4-134, 4-143, 4-145, 4-169, 4-173, 4-179, 4-183, 4-188, 4-228, 4-257, 4-258, 4-268, 4-276, 4-277, 4-279, 4-283, 4-312, 4-323, 4-328, 4-329, 4-371, 4-387, 4-408, 4-409, 4-410, 4-454, 4-466, 4-482, 4-483, 4-495, 4-616, 4-638, 4-639, 4-682, 4-735, 4-738, 4-739, 4-742, 4-743, 4-744, 4-745, 4-746, 4-754, 4-774, 4-775, 4-778, 4-812, 4-828, 4-854, 4-889, 4-918, 4-919, 4-920, 4-936
 Trans Alaska Pipeline System (TAPS), 1-16, 1-33, 2-12, 2-14, 2-59, 2-61, 2-70, 2-71, 3-18, 3-26, 3-32, 3-33, 3-35, 3-38, 4-20, 4-25, 4-27, 4-43, 4-44, 4-47, 4-53, 4-54, 4-62, 4-75, 4-91, 4-94, 4-108, 4-264, 4-265, 4-275, 4-280, 4-315, 4-499, 4-503, 4-559, 4-567, 4-584, 4-617, 4-618, 4-627, 4-633, 4-671, 4-685, 4-700, 4-720, 4-744, 4-745, 4-749, 4-781, 4-782, 4-785, 4-912, 4-1143, 4-1151, 4-1152, 4-1153, 4-1154, 4-1157, 4-1175, 4-1179, 4-1183, 4-1184, 4-1190, 4-1196, 4-1201, 4-1203, 4-1205, 5-34, 5-47
 transfer pipelines, 2-3, 2-10, 2-11, 4-85, 4-86, 4-87, 4-152, 4-240, 4-256, 4-261, 4-420, 4-488
 transportation corridors, 3-24, 3-29, 3-35, 4-19, 4-215, 4-275, 4-391, 4-583, 4-584, 4-749, 4-1196
 Transportation Worker Identification Credential, 4-1044
 Trapper Creek, 1-12, 1-13, 1-14, 2-12, 4-127, 4-154, 4-265, 4-439, 4-537, 4-594, 4-621, 4-623, 4-625, 4-632, 4-653, 4-655, 4-664, 4-736, 4-738, 4-851, 4-852, 4-855, 4-856, 4-867, 4-868, 4-870, 4-871, 4-912, 4-1017
 treatment, storage, and disposal, 4-571, 4-572, 4-575
 trenchless crossing, 2-81, 3-23, 3-24, 4-51, 4-197
 Tribal consultation, 1-14, 4-727, 4-728, 4-729, 4-730
 Tribes, 1-20, 4-727, 4-728, 4-729, 4-730, 4-731, 4-743, 4-852
 tundra, 1-28, 2-10, 2-21, 2-40, 2-48, 2-55, 2-56, 2-72, 2-73, 3-32, 4-2, 4-48, 4-76, 4-89, 4-93, 4-97, 4-98, 4-115, 4-134, 4-137, 4-159, 4-173, 4-220, 4-228, 4-232, 4-239, 4-241, 4-251, 4-252, 4-254, 4-257, 4-263, 4-267, 4-269, 4-270, 4-271, 4-278, 4-283, 4-284, 4-285, 4-288, 4-290, 4-297, 4-298, 4-305, 4-319, 4-320, 4-321, 4-323, 4-324, 4-325, 4-327, 4-328, 4-330, 4-331, 4-333, 4-334, 4-335, 4-337, 4-345, 4-399, 4-402, 4-403, 4-407, 4-481, 4-483, 4-484, 4-485, 4-497, 4-499, 4-543, 4-567, 4-588, 4-660, 4-756, 4-763, 4-765, 4-770, 4-1086, 4-1100, 4-1104, 4-1175, 4-1181, 4-1184, 4-1186, 5-34
 turbidity, 2-66, 3-16, 3-38, 4-77, 4-117, 4-118, 4-129, 4-133, 4-143, 4-144, 4-153, 4-154, 4-155, 4-156, 4-158, 4-159, 4-160, 4-162, 4-166, 4-188, 4-189, 4-195, 4-196, 4-197, 4-199, 4-200, 4-204, 4-205, 4-206, 4-211, 4-212, 4-226, 4-234, 4-235, 4-238, 4-239, 4-241, 4-245, 4-247, 4-248, 4-249, 4-250, 4-268, 4-392, 4-398, 4-399, 4-417, 4-419, 4-421, 4-423, 4-424, 4-430, 4-432, 4-433, 4-434, 4-435, 4-436, 4-437, 4-438, 4-442, 4-443, 4-444, 4-447, 4-451, 4-452, 4-453, 4-455, 4-456, 4-462, 4-464, 4-465, 4-466, 4-478, 4-497, 4-500, 4-503, 4-505, 4-516, 4-517, 4-518, 4-519, 4-748, 4-1175, 4-1176, 4-1177, 4-1179, 4-1188, 4-1189, 4-1190, 4-1191, 4-1192, 4-1193, 5-3, 5-7, 5-8, 5-9, 5-10, 5-11, 5-13, 5-16, 5-25, 5-26, 5-27, 5-29, 5-34
 Turnagain Arm, 4-176, 4-178, 4-179, 4-181, 4-184, 4-486, 4-492, 4-872, 4-889, 4-894
 tussock, 4-228, 4-232, 4-233, 4-252, 4-257, 4-333
 Tyonek, 1-12, 1-13, 1-15, 2-67, 2-69, 3-46, 3-48, 4-11, 4-176, 4-337, 4-358, 4-623, 4-625,

4-632, 4-653, 4-655, 4-665, 4-693, 4-694,
4-727, 4-730, 4-731, 4-736, 4-738, 4-739,
4-743, 4-851, 4-852, 4-854, 4-855, 4-876,
4-879, 4-880, 4-884, 4-885, 4-887, 4-888,
4-1017, 4-1018, 4-1027, 4-1150

U

U.S. Arctic Research Commission, 4-72, 4-73
U.S. Army Corps of Engineers, 1-3, 1-5, 1-6,
1-18, 1-25, 1-26, 1-29, 1-38, 2-21, 2-22, 2-36,
2-59, 2-75, 2-78, 3-1, 3-24, 3-41, 3-47, 4-32,
4-48, 4-79, 4-81, 4-83, 4-92, 4-93, 4-108,
4-134, 4-142, 4-144, 4-152, 4-154, 4-157,
4-159, 4-166, 4-174, 4-178, 4-179, 4-184,
4-188, 4-196, 4-202, 4-227, 4-228, 4-229,
4-230, 4-233, 4-234, 4-247, 4-250, 4-274,
4-419, 4-438, 4-447, 4-448, 4-451, 4-456,
4-464, 4-465, 4-691, 4-692, 4-695, 4-698,
4-756, 4-930, 4-1161, 4-1163, 4-1165,
4-1177, 4-1178, 4-1180, 4-1188, 4-1190,
4-1191, 4-1192, 5-1, 5-9, 5-15, 5-17
U.S. Census Bureau, 4-195, 4-621, 4-624,
4-625, 4-630, 4-633, 4-652, 4-654, 4-655,
4-678, 4-681, 4-774, 4-811, 4-852, 4-889,
4-894, 4-1022, 4-1151
U.S. Chemical Safety and Hazard Investigation
Board, 4-1049
U.S. Coast Guard, 1-3, 1-7, 1-25, 2-11, 2-63,
2-66, 2-91, 3-34, 3-42, 3-44, 4-151, 4-152,
4-153, 4-159, 4-162, 4-190, 4-192, 4-193,
4-208, 4-210, 4-281, 4-397, 4-446, 4-522,
4-540, 4-647, 4-698, 4-710, 4-714, 4-715,
4-1030, 4-1031, 4-1035, 4-1036, 4-1037,
4-1038, 4-1039, 4-1040, 4-1043, 4-1044,
4-1045, 4-1056, 4-1059, 4-1073, 4-1091,
4-1092, 4-1102, 4-1105, 4-1116, 4-1120,
4-1135, 4-1156, 4-1166, 4-1178, 4-1192,
4-1203, 5-1, 5-13, 5-28, 5-29, 5-32, 5-39,
5-46, 5-60, 5-75
U.S. Department of Agriculture, 4-62, 4-63,
4-65, 4-66, 4-67, 4-68, 4-74, 4-114, 4-274,
4-666, 4-1024, 4-1220
U.S. Department of Energy, 1-3, 1-10, 1-19,
1-25, 3-2, 3-3, 4-1032, 4-1103, 4-1113,
4-1220, 5-1
U.S. Department of the Interior, 1-9, 1-36, 4-38,
4-40, 4-145, 4-163, 4-173, 4-174, 4-451,
4-572, 4-573, 4-734, 4-1220

U.S. Department of Transportation, 1-3, 1-5,
1-27, 1-31, 2-20, 2-60, 4-91, 4-144, 4-426,
4-700, 4-1092, 4-1108, 4-1111, 4-1220
U.S. Energy Information Administration, 4-666
U.S. Fish and Wildlife Service, 1-3, 1-8, 1-9,
1-24, 1-25, 1-34, 1-36, 1-37, 1-38, 1-40, 2-14,
3-31, 4-99, 4-107, 4-213, 4-214, 4-229, 4-254,
4-257, 4-258, 4-269, 4-277, 4-279, 4-280,
4-281, 4-286, 4-290, 4-323, 4-326, 4-327,
4-329, 4-330, 4-331, 4-333, 4-334, 4-335,
4-336, 4-337, 4-339, 4-341, 4-342, 4-344,
4-345, 4-346, 4-347, 4-348, 4-353, 4-380,
4-381, 4-389, 4-420, 4-426, 4-441, 4-446,
4-480, 4-481, 4-482, 4-483, 4-484, 4-485,
4-486, 4-487, 4-489, 4-496, 4-497, 4-498,
4-499, 4-501, 4-502, 4-503, 4-504, 4-505,
4-507, 4-509, 4-513, 4-516, 4-521, 4-547,
4-549, 4-562, 4-566, 4-581, 4-672, 4-977,
4-1161, 4-1177, 4-1178, 4-1189, 4-1193,
4-1194, 4-1195, 5-1, 5-5, 5-6, 5-20, 5-21,
5-22, 5-23, 5-26, 5-30, 5-49, 5-57
U.S. Forest Service, 1-40, 4-665, 4-666, 4-1104
U.S. Geological Survey, 2-1, 3-2, 4-1, 4-5, 4-9,
4-10, 4-11, 4-13, 4-22, 4-24, 4-25, 4-27, 4-28,
4-32, 4-33, 4-35, 4-37, 4-40, 4-44, 4-59, 4-80,
4-121, 4-123, 4-124, 4-134, 4-135, 4-137,
4-142, 4-143, 4-144, 4-145, 4-152, 4-153,
4-154, 4-160, 4-171, 4-253, 4-262, 4-266,
4-267, 4-268, 4-329, 4-402, 4-445, 4-455,
4-465, 4-506, 4-509, 4-524, 4-527, 4-528,
4-531, 4-532, 4-574, 4-666, 4-723, 4-879,
4-1094, 4-1095, 4-1096, 4-1104, 4-1106,
4-1107, 4-1152, 4-1153
U.S. Global Change Research Program, 4-1220,
4-1221
U.S. Minerals Management Service, 4-169,
4-171, 4-174, 4-181, 4-188, 4-200, 4-444,
4-447, 4-448, 4-450, 4-454, 4-461, 4-464,
4-470
U.S. Navy, 4-756, 4-786, 4-790
United States Code, 1-4, 1-5, 1-6, 1-7, 1-8, 1-9,
1-10, 1-24, 1-25, 1-27, 1-35, 1-36, 1-40, 2-89,
4-151, 4-163, 4-274, 4-329, 4-354, 4-480,
4-549, 4-564, 4-566, 4-568, 4-571, 4-917,
4-1031, 4-1038, 4-1138
upland birds, 4-321, 4-737, 4-754, 4-759, 4-765,
4-768, 4-775, 4-787, 4-789, 4-791, 4-799,
4-803, 4-811, 4-812, 4-814, 4-828, 4-852,
4-854, 4-862, 4-864, 4-865, 4-872, 4-882,
4-883, 4-911

utility corridors, 2-14, 3-35, 4-275, 4-279,
4-550, 4-557, 4-683

V

Valdez Alternative, 1-16, 1-18

Vessel General Permit for Discharges Incidental
to the Normal Operation of Vessels, 1-5, 1-26,
4-207, 4-208, 4-209, 4-210, 4-281, 4-397,
4-446, 5-12, 5-13

Viapan Lake, 2-12, 4-265

Village Public Safety Officer, 4-663

Visual Impact Screening and Analysis Model,
4-955, 4-956, 4-957, 4-963

Visual Resource Inventory, 3-28, 4-585, 4-588,
4-589, 4-597, 4-599, 5-35

Visual Resource Management, 3-28, 4-580,
4-581, 4-583, 4-585, 4-588, 4-589, 4-590,
4-591, 4-595, 4-598, 4-599, 4-600, 4-602,
4-617, 5-35

visual resources, 3-28, 4-1, 4-559, 4-579, 4-580,
4-583, 4-584, 4-599, 4-620, 4-671, 4-682,
4-1170, 4-1171, 4-1198, 5-36, 5-48

W

waste disposal, 1-32, 2-8, 2-25, 4-120, 4-259,
4-264, 4-296, 4-572, 4-575, 4-651, 4-661,
4-666, 4-668, 4-1109

waste management, 4-188, 4-295, 4-344, 4-345,
4-666, 4-925, 5-21

water quality, 1-5, 1-9, 1-21, 1-38, 3-18, 4-50,
4-125, 4-126, 4-132, 4-133, 4-143, 4-144,
4-145, 4-147, 4-152, 4-153, 4-155, 4-156,
4-158, 4-160, 4-162, 4-174, 4-188, 4-191,
4-194, 4-195, 4-204, 4-205, 4-208, 4-210,
4-211, 4-216, 4-218, 4-226, 4-227, 4-235,
4-237, 4-241, 4-246, 4-248, 4-250, 4-268,
4-337, 4-419, 4-430, 4-432, 4-434, 4-437,
4-440, 4-444, 4-455, 4-466, 4-477, 4-478,
4-519, 4-524, 4-532, 4-563, 4-749, 4-1014,
4-1023, 4-1162, 4-1173, 4-1174, 4-1175,
4-1176, 4-1190, 4-1191, 4-1193, 5-4, 5-8, 5-9,
5-11, 5-12, 5-13, 5-15

Water Quality Monitoring and Assessment
Report, 4-147

water reservoir, 2-1, 2-2, 2-3, 2-7, 2-8, 2-9, 2-11,
2-12, 2-40, 2-46, 2-47, 2-48, 2-80, 2-87, 3-10,
4-20, 4-84, 4-86, 4-87, 4-93, 4-137, 4-152,
4-219, 4-220, 4-223, 4-233, 4-239, 4-240,
4-241, 4-250, 4-256, 4-261, 4-336, 4-339,
4-420, 4-421, 4-428, 4-432, 4-488, 4-541,

4-607, 4-701, 4-979, 4-981, 4-1086, 4-1109,
4-1181, 5-14, 5-16, 5-49

water resources, 1-16, 2-44, 2-62, 4-1, 4-20,
4-96, 4-133, 4-147, 4-190, 4-193, 4-196,
4-211, 4-216, 4-219, 4-283, 4-571, 4-730,
4-731, 4-733, 4-1014, 4-1171, 4-1191, 4-1220

waterbirds, 4-323, 4-336, 4-343, 4-521

waterbody crossings, 2-13, 2-21, 2-22, 2-57,
2-59, 2-62, 2-66, 3-21, 4-39, 4-41, 4-43,
4-151, 4-155, 4-156, 4-158, 4-159, 4-160,
4-161, 4-162, 4-216, 4-248, 4-268, 4-275,
4-281, 4-411, 4-419, 4-433, 4-434, 4-437,
4-441, 4-476, 4-477, 4-517, 4-518, 4-538,
4-554, 4-555, 4-561, 4-563, 4-748, 4-1175,
4-1190, 5-9, 5-25, 5-26

watersheds, 3-31, 4-126, 4-134, 4-135, 4-137,
4-142, 4-143, 4-144, 4-145, 4-151, 4-152,
4-153, 4-154, 4-160, 4-167, 4-227, 4-234,
4-236, 4-247, 4-264, 4-266, 4-267, 4-409,
4-416, 4-417, 4-445, 4-446, 4-451, 4-908,
4-910, 4-1158, 4-1159, 4-1166, 4-1172,
4-1175, 4-1176, 4-1183, 4-1194, 4-1196,
4-1197, 4-1198

Waterway Suitability Assessment, 1-7, 4-1038,
4-1039, 4-1040, 4-1043, 4-1102, 4-1105,
4-1156, 5-46

Weed Free Gravel Certification Program, 4-281

West Dock Causeway, 2-1, 2-2, 2-3, 2-4, 2-8,
2-9, 2-11, 2-40, 2-42, 2-46, 2-80, 2-82, 3-9,
3-10, 3-11, 3-12, 3-14, 3-16, 4-15, 4-40, 4-76,
4-80, 4-84, 4-86, 4-87, 4-93, 4-154, 4-167,
4-169, 4-171, 4-173, 4-188, 4-194, 4-195,
4-196, 4-207, 4-232, 4-234, 4-239, 4-240,
4-241, 4-256, 4-261, 4-267, 4-271, 4-312,
4-343, 4-348, 4-351, 4-355, 4-356, 4-362,
4-368, 4-379, 4-383, 4-384, 4-385, 4-386,
4-392, 4-393, 4-394, 4-395, 4-397, 4-398,
4-417, 4-424, 4-425, 4-426, 4-430, 4-432,
4-447, 4-448, 4-449, 4-454, 4-455, 4-456,
4-457, 4-460, 4-462, 4-464, 4-470, 4-473,
4-476, 4-485, 4-487, 4-489, 4-490, 4-494,
4-496, 4-497, 4-498, 4-505, 4-506, 4-507,
4-526, 4-541, 4-691, 4-692, 4-696, 4-707,
4-711, 4-712, 4-755, 4-760, 4-765, 4-979,
4-1109, 4-1177, 4-1181, 4-1192, 4-1193,
5-11, 5-17, 5-24, 5-39, 5-49

Wetland and Waterbody Construction and
Mitigation Procedures, 2-39, 4-518

wetlands

depressional wetland, 4-229, 4-232, 4-235
estuarine fringe wetland, 4-232

- estuarine wetland, 4-231, 4-232, 4-233, 4-234, 4-239, 4-241, 4-242, 4-247, 4-248, 4-249, 4-250, 5-16, 5-17
- lacustrine fringe wetland, 4-232, 4-235
- palustrine emergent wetland, 4-231, 4-232, 4-233, 4-235, 4-237, 4-239, 4-240, 4-241, 4-242, 4-243, 4-244, 4-245, 4-246, 4-247, 4-248, 4-249, 4-250, 4-327, 5-16, 5-17
- palustrine forested wetland, 4-231, 4-233, 4-235, 4-237, 4-241, 4-242, 4-243, 4-244, 4-245, 4-246, 4-247, 4-248, 4-250, 5-16, 5-17, 5-18
- palustrine scrub-shrub wetland, 4-231, 4-232, 4-233, 4-235, 4-237, 4-239, 4-240, 4-241, 4-242, 4-243, 4-244, 4-245, 4-246, 4-247, 4-248, 4-249, 4-250, 5-16, 5-17
- slope wetland, 4-157
- whales
 - beluga whale, 1-17, 3-19, 3-21, 3-23, 3-37, 3-42, 3-43, 3-44, 3-45, 3-46, 4-355, 4-364, 4-368, 4-379, 4-380, 4-384, 4-385, 4-386, 4-388, 4-389, 4-393, 4-394, 4-398, 4-426, 4-487, 4-491, 4-492, 4-507, 4-512, 4-514, 4-524, 4-885, 4-1194, 5-30, 5-31
 - Cook Inlet beluga whale, 1-15, 3-23, 3-35, 3-42, 3-43, 3-45, 4-368, 4-389, 4-391, 4-409, 4-426, 4-481, 4-491, 4-492, 4-496, 4-499, 4-500, 4-501, 4-503, 4-504, 4-507, 4-512, 4-513, 4-514, 4-524, 4-731, 4-1189, 4-1193, 4-1194, 5-30, 5-31, 5-56, 5-57
 - humpback whale, 4-355, 4-356, 4-388, 4-481, 4-493, 4-498, 4-504, 4-512, 4-513, 4-514, 4-523, 4-524, 4-1189, 5-30
 - white sweetclover, 1-21, 4-276, 4-277, 4-278, 4-279, 4-280
- Wilderness Act, 1-9
- wildfire, 4-278, 4-1104, 4-1106, 4-1153
- willows, 4-155, 4-228, 4-232, 4-233, 4-252, 4-260, 4-297, 4-298, 4-323, 4-324, 4-325, 4-326, 4-327, 4-328, 4-331, 4-333, 4-581, 4-623, 4-625, 4-632, 4-653, 4-655, 4-664, 4-700, 4-715, 4-760, 4-841, 4-910, 4-912, 4-1017
- wind erodibility group, 4-74, 4-85
- windmill fringed gentian, 4-269, 4-518
- wolverine, 1-22, 4-283, 4-284, 4-285, 4-286, 4-287, 4-288, 4-320, 4-758, 4-766, 4-768, 4-779, 4-829, 4-872, 5-21
- wood chips, 4-246
- wood frogs, 4-283, 4-284, 4-285, 4-286, 4-287, 4-288, 4-295, 4-320, 4-321, 4-399, 5-21

Y

- Yentna River, 4-135, 4-144, 4-160, 4-236, 4-414, 4-415, 4-551, 4-594, 4-612, 4-871, 4-872, 4-874, 4-875, 5-33
- Yukon River, 1-20, 2-66, 4-54, 4-55, 4-135, 4-143, 4-154, 4-160, 4-224, 4-228, 4-236, 4-237, 4-258, 4-406, 4-408, 4-414, 4-415, 4-416, 4-437, 4-483, 4-489, 4-517, 4-518, 4-521, 4-550, 4-551, 4-558, 4-591, 4-597, 4-641, 4-645, 4-685, 4-736, 4-738, 4-744, 4-745, 4-752, 4-774, 4-775, 4-777, 4-778, 4-779, 4-783, 4-785, 4-790, 4-794, 4-802, 4-803, 4-806, 4-807, 4-809, 4-810, 4-811, 4-814, 4-815, 4-818, 4-819, 4-820, 4-822, 4-911, 4-981, 4-982, 4-983
- Yukon-Koyukuk Census Area, 2-13, 2-16, 2-17, 4-621, 4-623, 4-625, 4-626, 4-628, 4-632, 4-633, 4-635, 4-637, 4-640, 4-641, 4-650, 4-651, 4-653, 4-654, 4-655, 4-656, 4-658, 4-662, 4-664, 4-670, 4-671, 4-677, 4-678, 4-679, 4-680, 4-681, 4-1016, 4-1020, 4-1021, 4-1022, 4-1023, 4-1024, 4-1025, 5-37
- Yukon-Tanana Uplands, 4-2, 4-7, 4-8, 4-60, 4-135, 4-236, 4-275, 4-276, 4-284, 4-288, 4-325, 4-327, 4-598, 4-819, 4-823