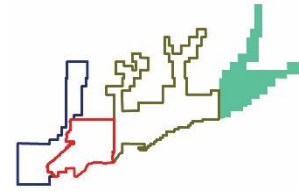


895 The Eastern Management Subunit



896 Background

897 The Eastern Management Subunit includes the portion of the Moose Range that lies east of R5E, S.M. and
898 includes most of the Chickaloon River drainage and a portion of the Boulder Creek drainage. The area has
899 high-to-moderate values for fish and wildlife. Moose, small game, furbearers, black bear, Dall sheep and
900 resident fish are harvested by residents. Subsistence and sport harvest effort both occur but cannot be
901 readily separated or quantified. Wildlife viewing mostly occurs in road or trail accessible areas. Unlike the
902 Western, Jonesville, or Middle Management Subunits, this subunit has low-to-moderate timber values
903 along the lower Chickaloon River and lower Boulder Creek. The Eastern Management Subunit has
904 moderate coal values, located near Anthracite Ridge.

905 Public lands in this subunit have moderate-to-high values for dispersed outdoor recreation. Most use
906 occurs along the existing Chickaloon-Knik-Nelchina Trail, the Chickaloon River Trail, the Boulder Creek Trail
907 and on the Chickaloon River. The Chickaloon River provides a highly valued remote wilderness Class II, III
908 and IV whitewater boating opportunity in southcentral Alaska.

909 Planning and Land Management Issues

910 Outdoor recreation use in the Eastern Management Subunit is the most dispersed in the Moose Range,
911 however, as the population of the Mat-Su Valley continues to increase, the pressure for access to
912 motorized and non-motorized recreation opportunities farther east in the Moose Range will continue to
913 increase. Comments indicate that access and recreation facilities at the Glenn Highway should continue
914 to be upgraded and improved with accompanying management and enforcement.

915 Land Use Designations Summary

916 State land will be managed consistent with its designation(s); as specifically articulated through
917 management intent described below and applicable goals and management guidelines found in Chapters
918 2 and 3. Some lands have one designation while other lands are co-designated for a variety of uses. Table
919 4 provides a quick reference of the designations and co-designations used in this management subunit,
920 and the acreages of designation(s).

921 *Table 4: Eastern Management Subunit Designations and Acreages*

<i>Designation or Co-Designation</i>	<i>Abbreviation</i>	<i>Acreage</i>
<i>E1: Habitat, Public Recreation-Dispersed</i>	<i>Ha, Rd</i>	<i>22,028</i>
<i>E2: Habitat, Public Recreation Dispersed, Forestry</i>	<i>Ha, Rd, F</i>	<i>3,481</i>

922 Management Intent

923
924 **Unit E1: Ha, Rd.** The management intent for Unit E1 is to maintain, improve, and enhance fish and wildlife

925 habitat. Manage the unit to protect and maintain fish and wildlife habitat and associated wetlands,
926 streams and waterbodies. Additionally, Unit E1 will be managed for dispersed outdoor recreational
927 activities. Popular activities such as hunting big and small game, trapping, wildlife viewing, horseback
928 riding, hiking, skiing, winter biking, and fishing will continue.

929 **Unit E2: Ha, Rd, F.** Same intent as Unit E1 with the following addition:

930 There is a local need for personal firewood, and this need may be met to the extent possible by
931 improving fish and wildlife habitat in conjunction with timber harvest. There is a limited supply of timber
932 in the unit and timber harvest is allowed only if the activity enhances fish and wildlife habitat.

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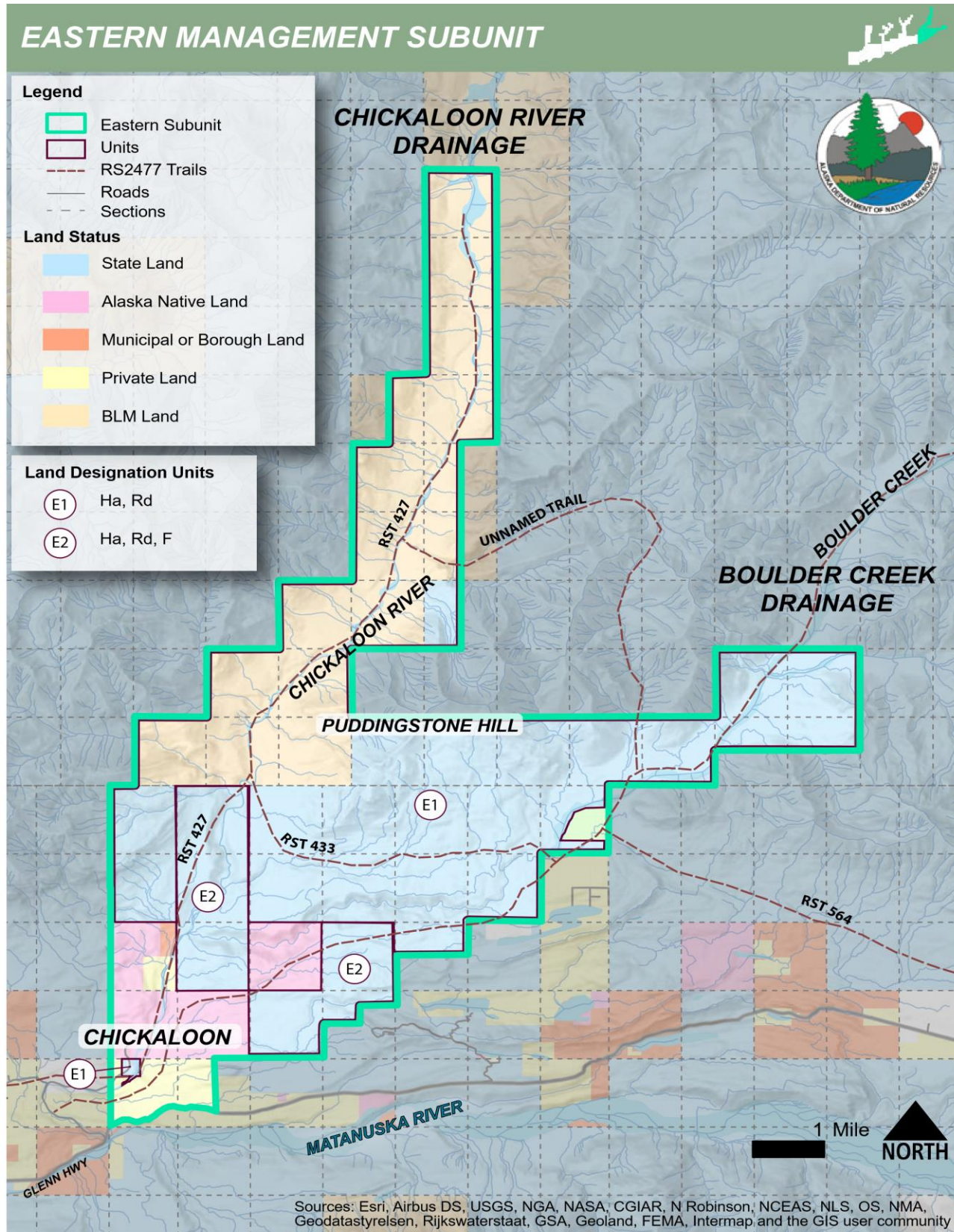
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947 **Unit-Specific Management Guidelines**

948 **1. Access and Trails**

- 949 a. Public Use of Existing Access. The state should ensure access to public rights-of-way and
950 easements for public access to the Eastern Management Subunit from the Glenn Highway and
951 Chickaloon River Road through a network of trail systems. The public has traditionally used these
952 trails to access public land for outdoor recreational and commercial purposes. The state will verify
953 and assert public rights-of-way as needed.
- 954 b. Areas with Active Assertion. The state will continue researching the validity of a public right-of-
955 way on roads and trails and follow Chapter 2 guidelines for making a right-of-way assertion
956 wherever necessary and possible.
- 957 c. Trails. The areawide management guidelines to establish a Trail Management Plan shall be
958 followed in the Eastern Management Subunit.
- 959 i. Access on Native Allotments and ANCSA Lands. DNR will coordinate with the BLM to
960 provide public access through native allotments and native selected lands.
- 961 ii. Chickaloon-Knik-Nelchina Trail, Old 98 Trail, and Boulder Creek Trail. Continued public
962 access on these trails provides vital links to the public lands in the Eastern Subunit of the
963 Moose Range and is essential to management.

964 **2. Cultural and Heritage Resources**

- 965 a. Known Sites. There is one known heritage site on the Alaska Heritage Resources Survey Record in
966 the Eastern Management Subunit. This site will be managed according to the guidelines in Chapter
967 2.
- 968 b. Chickaloon-Knik-Nelchina Trail and Chickaloon River Trail. SHPO may pursue funding to review
969 and propose the Chickaloon-Knik-Nelchina Trail and the Chickaloon River Trail for the National
970 Register of Historic Places.
- 971 c. Undiscovered Sites. It is likely that there are other cultural resources in the vicinity of the Old
972 Chickaloon townsite and along the Chickaloon River Trail, the Chickaloon-Knik-Nelchina Trail and
973 the Old 98 Trail. Trails up the Boulder Creek drainage may also have high heritage resource values.
974 Areas in the Eastern Management Subunit designated by SHPO as known high potential areas for
975 containing heritage resources may be surveyed for heritage values as funding and staffing allows.

976 **3. Fish & Wildlife Habitat**

- 977 a. Resource Management. This subunit will be managed primarily to maintain, protect and, if
978 necessary, enhance the following fish and wildlife resources and habitats:
- 979 i. Moose throughout the subunit.
- 980 ii. Ruffed grouse throughout the subunit.
- 981 iii. Brown bear and black bear throughout the subunit.
- 982 iv. Caribou in the middle and upper Chickaloon and Boulder Creek drainages.
- 983 v. Dall sheep habitat throughout the subunit and lambing in the Puddingstone Hill area.
- 984 vi. Wolves in the middle and upper reaches of the drainages.
- 985 vii. Chum salmon, grayling, rainbow trout, and Dolly Varden in Chickaloon River.

- 986 viii. Dolly Varden and grayling in the Boulder Creek drainage.
- 987 ix. Riparian habitats and instream flow along the Chickaloon River and Boulder Creek.
- 988 x. Other species and habitats identified by ADF&G.
- 989 b. Fish and Wildlife Utilization. The subunit will be managed to allow continuation of the following
- 990 activities:
- 991 i. Hunting of big and small game and trapping throughout the subunit.
- 992 ii. Sportfishing for anadromous, resident, and stocked fish.
- 993 iii. Wildlife viewing throughout the subunit.
- 994 c. Protection of Mineral Licks. There are mineral licks located in the Eastern Management Subunit.
- 995 Verify the location with ADF&G. Mineral licks are used by significant numbers of wildlife primarily
- 996 during the spring and early summer. The area around the lick should be protected for its wildlife
- 997 value. Stipulations should be developed on a case-by-case basis, in consultation with ADF&G, for
- 998 authorizations. The stipulations should address the following:
- 999 i. The avoidance of direct and indirect impact on the mineral lick, the animal tracks leading
- 1000 to them and other areas of concentrated animal use that is associated with the mineral
- 1001 lick;
- 1002 ii. Consult with ADF&G for their specific locations.
- 1003 d. Fisheries. ADF&G will maintain, protect, and enhance the fisheries in the Chickaloon River,
- 1004 Boulder Creek and other waters. To accomplish this, ADF&G may conduct spawning and
- 1005 escapement surveys, monitor trends in harvest angler effort, and develop recommendations for
- 1006 field investigations and/or Board of Fisheries consideration, as time and funds allow. ADF&G will
- 1007 adjust stocking levels in stocked lakes based on health and survival of stocked fish and changes in
- 1008 use patterns and pursuant to the annual public review of the statewide stocking plan. ADF&G will
- 1009 manage sport fisheries for sustained yield and angler satisfaction, work closely with enforcement
- 1010 staff in adherence to regulations, and assist in habitat conservation and restoration.
- 1011 e. Habitat Enhancement. Habitat enhancement may be considered in this subunit and shall follow
- 1012 management guidelines in Chapter 2.

1013 4. Forestry

- 1014 a. Timber Harvest. The Eastern Management Subunit has small pockets of moderate timber value
- 1015 along the Chickaloon River, below 2,200 feet. Much of the subunit has limited timber potential.
- 1016 In the subunit, because of its poorer soil types, limited vegetation, and poor access, the
- 1017 management emphasis will be on maintenance of wildlife habitat rather than active timber
- 1018 management.
- 1019 i. Enhancement Considerations. Habitat enhancement is desirable for this area. The state
- 1020 will apply the most appropriate techniques available. Any active habitat enhancement
- 1021 requires DNR and ADF&G approval.
- 1022 ii. Schedule. Although timber harvest has not been a priority in the Eastern Management
- 1023 Subunit, any future schedules for forest product harvest in the Eastern Management
- 1024 Subunit should be identified by DOF in consultation with ADF&G.

- 1025 iii. Buffers. See Buffer guidelines in Chapter 2.
- 1026 5. Grazing
- 1027 a. Future Authorizations. Grazing authorizations will not be issued in the Eastern Management
- 1028 Subunit due to the limited availability of grass resources for grazing.
- 1029 6. Public Use Sites
- 1030 There are no identified Public Use Sites in the Eastern Management Subunit.
- 1031 7. Recreation
- 1032 a. State Recreation, Camping, and Trailhead/Roadside Facilities.
- 1033 i. Long Lake State Recreation Site. Although outside the boundary of the Moose Range,
- 1034 the Long Lake State Recreation Site provides an opportunity for camping in the vicinity
- 1035 of the Moose Range.
- 1036 ii. Purinton Creek. Although outside of the Moose Range, one of the key access points to
- 1037 the Chickaloon-Knik-Nelchina Trail is Purinton Creek at the Glenn Highway. DMLW may
- 1038 support efforts to improve access at this location including parking, restroom facilities,
- 1039 and signage.
- 1040 b. Interpretive Displays. The Long Lake State Recreation Site and other roadside/trailhead facilities
- 1041 may provide for interpretation related to the Moose Range. Interpretive displays may also be
- 1042 installed at other trailheads within the subunit.
- 1043 8. Subsurface Resources
- 1044 a. Locatable and Leasable Mineral Entry. The Eastern Management Subunit is open to locatable and
- 1045 leasable mineral development.
- 1046 i. Coal. The Eastern Management Subunit contains limited pockets of moderate to high
- 1047 potential coal resources, which would be difficult and expensive to develop. The plan
- 1048 does not preclude development of this coal for the long-term; however, development is
- 1049 not recommended.
- 1050 ii. Other Minerals. The Eastern Management Subunit is open to locatable and leasable
- 1051 mineral development, except for the mineral lick area (see 8b, below).
- 1052 b. Mineral Licks. There are mineral licks located in the Eastern Management Unit that are closed to
- 1053 mineral entry. DNR should consult with ADF&G to verify their location.
- 1054 9. Water, Wetlands, and Waterbodies
- 1055 a. Lakeshores and Stream Corridors. Habitat enhancement efforts in riparian zones along the
- 1056 Chickaloon River and Boulder Creek shall take place according to Chapter 2 guidelines on buffers.
- 1057 b. Wetland Buffers. A buffer will be maintained around the wetlands in the area of Simpson's cabin
- 1058 on the Chickaloon-Knik-Nelchina Trail as described in the Chapter 2 Wetland buffer guidelines.
- 1059 Instream Flow Reservations. ADF&G may establish instream flow needs for the Chickaloon River and
- 1060 Boulder Creek to maintain fish and wildlife resources, riparian habitat and associated recreational
- 1061 opportunities as funding and staff are available. The DMLW will work closely with ADF&G to establish the
- 1062 instream flow reservations.