

1 **Appendices**

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15

1 Appendix A

2 Glossary

3 **AAC.** Alaska Administrative Code that includes state regulations.

4

5 **ADA (Americans with Disabilities Act of 1990).** A federal law prohibiting discrimination
6 against people with disabilities. Requires public entities and public accommodations to
7 provide accessible accommodations for people with disabilities.

8

9 **ADF&G.** The State of Alaska, Department of Fish and Game.

10

11 **Adjacent parcel.** Parcels that lie near the boundary of NLSRA and NLSRS but do not share
12 a common boundary line with the NLSRA and NLSRS.

13

14 **Airboat.** A shallow draft boat driven by an airplane propeller and steered by a rudder (11
15 AAC 20.990).

16

17 **Aircraft.** Any motorized device under 12,500 pounds gross weight that is used or intended
18 for flight or movement of people or goods in the air (11 AAC 12.340 and 11 AAC 20.990).

19

20 **Anadromous Stream.** Those water bodies identified by the Department of Fish and Game
21 under 5 AAC 95.011.

22

23 **AS.** Alaska Statutes.

24

25 **Assembly.** The gathering or meeting of a group of people for a common purpose (11 AAC
26 12.340 and 11 AAC 18.200).

27

28 **Boat or Vessel.** A device that is used or designed to be used for the movement of people or
29 goods in or on the water, whether manually or mechanically propelled, but does not include
30 personal floatation devices or other floats such as inner tubes, air mattresses, or surf boards
31 (11 AAC 20.990).

32

33 **Camp and Camping.** To use a vehicle, tent, or shelter, or to arrange bedding, or both, with
34 the intent to stay overnight in a park (11 AAC 12.340).

35

36 **Campground.** An area developed and maintained by the division which contains one or
37 more campsites. (11 AAC 12.340).

38

39

1 **Commercial Activity.** The sale of, delivery of, or soliciting to provide, goods, wares,
2 edibles, or services in exchange for valuable consideration through barter, trade, or other
3 commercial means; a service offered in conjunction with another sale of goods, wares,
4 edibles, or services, which service involves the use of state park land or water, is a
5 commercial activity whether or not it is incidental to, advertised with, or specifically offered
6 in the original sale; all guide, outfitter, and transportation services are commercial activities
7 if any payment or valuable consideration through barter, trade, cash, or other commercial
8 means is required, expected, or received beyond the normal and customary equally shared
9 costs for food and fuel for any portion of the stay in the park (11 AAC 12.340).

10
11 **Contiguous Parcel.** Parcels that are outside of the NLSRA or NLSRS, but share a common
12 boundary with NLSRA or NLSRS.

13
14 **Developed Facility.** Includes a building, boat ramp, campground, picnic area, rest area,
15 visitor information center, swim beach, trailhead, parking area, and a developed ski area (11
16 AAC 12.340 and 11 AAC 20.990).

17
18 **DNR or Department.** The State of Alaska Department of Natural Resources.

19
20 **DPOR or Division.** The State of Alaska Department of Natural Resources, Division of
21 Parks and Outdoor Recreation.

22
23 **Director.** The Director of the Division of Parks and Outdoor Recreation, Department of
24 Natural Resources, or the Director's authorized agent (11 AAC 12.340).

25
26 **Easement.** An interest in land owned by another, that entitles its holder to a specific limited
27 use.

28
29 **Firearm.** Includes a pistol, rifle, shotgun, revolver, mechanical, gas, or air-operated gun (11
30 AAC 12.340); *and*, Includes a pistol, rifle, shotgun, revolver, or mechanical gas or air-
31 operated gun (11 AAC 20.990).

32
33 **Goal.** A statement of basic intent or general condition. Goals are not quantifiable and do not
34 have specific dates for achievement; they are long-term in orientation.

35
36 **Guideline.** A specific course of action that must be followed when a DPOR resource
37 manager permits, leases, or otherwise authorizes use of state lands. Guidelines range from
38 giving general guidance for decision-making or identifying factors that need to be
39 considered, to setting detailed standards for on-the-ground decisions.

40
41 **HLB.** The Municipality of Anchorage's Heritage Land Bank.

42
43 **ILMA.** Interagency Land Management Agreement previously known as an "ILMT" or
44 Interagency Land Management Transfer.

- 1 **Inholding.** Private property that is within the boundary of NLSRA.
2
- 3 **Legislative Designation.** An action by the State Legislature that sets aside a specific area of
4 state land as a Special Purpose Site.
5
- 6 **LWCF.** Land and Water Conservation Fund. A federal program which provides monies and
7 matching grants to federal, state, and local governments for the acquisition and/or
8 development of land and water for public outdoor recreation use.
9
- 10 **May.** Same as “should”, see Should.
11
- 12 **Motorized Vehicle.** A motorized device for carrying persons or objects over land, water, or
13 through the air, and includes automobiles, snowmachines, bicycles, off-road vehicles, boats,
14 and aircraft (11 AAC 21.290).
15
- 16 **MSB.** The Matanuska-Susitna Borough.
17
- 18 **NLSRA.** Nancy Lake State Recreation Area.
19
- 20 **NLSRS.** Nancy Lake State Recreation Site.
21
- 22 **Objective.** A concise statement of what we want to achieve, how much we want to achieve,
23 when we want to achieve it, and who is responsible for the work.
24
- 25 **Off-Road Vehicle (ORV).** A) A motorized vehicle: i) designed or adapted for cross-
26 country operation over irregular terrain, ii) consisting of more than one drive wheel or track,
27 iii) having a gross vehicle weight less than 1,500 pounds or exerting less than eight pounds
28 per square inch ground pressure; and, iv) that is 64 inches wide or less; B) does not include
29 snowmobiles (11 AAC 20.990). May also be referred to as an All-Terrain Vehicle (ATV).
30
- 31 **Permit.** A written authorization to engage in uses or activities that are otherwise prohibited
32 or restricted (11 AAC 18.200).
33
- 34 **Personal Watercraft.** A vessel that is less than 16 feet in length, propelled by a water-jet
35 pump or other machinery as its primary source of motor propulsion, and designed to be
36 operated by a person sitting, standing, or kneeling on the vessel, rather than by a person
37 sitting or standing inside it (11 AAC 20.990).
38
- 39 **RV.** Recreational Vehicle, such as a motor home or camper.
40
- 41 **SCORP.** Statewide Comprehensive Outdoor Recreation Plan.
42
- 43 **Shall.** Same as “will”, see Will.
44

- 1 **Should.** States intent for a course of action or a set of conditions to be achieved. Guidelines
2 modified by the word “should” state the plan’s intent and allow the manager to use discretion
3 in deciding the specific means for best achieving the intent or whether particular
4 circumstances justify deviations from the intended action or set of conditions.
5
- 6 **Snowmobile (snowmachine).** A self-propelled vehicle intended for off-road travel on snow,
7 having a maximum width of 50 inches and a curb weight of not more than 1,000 pounds,
8 driven by one or more tracks in contact with the snow, and steered by one or more skis in
9 contact with the snow (11 AAC 20.990).
10
- 11 **Social trail.** A trail that has been developed by repeated use by people, not sited and
12 designed by agency staff as part of a decision process.
13
- 14 **State.** The State of Alaska.
15
- 16 **State Park.** Any land or water managed by the division (11 AAC 12.340 and 11 AAC
17 18.200); *and*, Any land or water managed by the division of parks and outdoor recreation (11
18 AAC 20.990).
19
- 20 **State Waters.** All surface waters within the Nancy Lake State Recreation Area.
21
- 22 **Structure.** Something constructed or built in, or transported to, a state park unit, including a
23 dock, cabin, floatcamp, building, shanty, or facility used for residential or commercial
24 purposes; it does not include a vessel with overnight berthing whose primary use is not as a
25 domicile, but for commercial or sport fishing, general recreational boating, or transportation.
26
- 27 **Traffic Control Device.** Any physical barrier, including a boulder, ditch, berm, railing,
28 fence, post, or gate (11 AAC 12.340).
29
- 30 **Trailhead.** The point at which a trail starts.
31
- 32 **Vehicle.** A mechanical device for carrying persons or objects over land, water, or through
33 the air, including automobiles, motorcycles, snowmachines, bicycles, off-road vehicles,
34 motorized boats, and aircraft. Vehicle does not include non-motorized sailboats, canoes,
35 kayaks, rafts, sailboards, hang gliders, gliders, or parasails (11 AAC 12.340); *and*, A
36 mechanical device for carrying persons or objects over land, water, or through the air,
37 including automobiles, motorcycles, snowmachines, bicycles, off-road vehicles, motorized
38 boats, and aircraft 11 AAC 20.990)
39
- 40 **Weapon.** Includes a bow and arrow, slingshot, crossbow, or firearm (11 AAC 12.340); *and*,
41 Includes a bow and arrow, slingshot, crossbow, and firearm (11 AAC 20.990).
42
- 43 **Will.** Requires a course of action or a set of conditions to be achieved. A guideline modified
44 by the word “will” must be followed by land managers and users. If such a guideline is not
45 complied with, a written decision justifying the noncompliance is required.

1 **Appendix B**
2 **Nancy Lake State Recreation Area Specific Statutes**
3 **and Regulations**

4 **Alaska Statutes 41.21.450 -41.21.465**
5

6 **Sec. 41.21.450. Purpose of AS 41.21.450 - 41.21.465.**

7 The purpose of AS 41.21.450 - 41.21.465 is to restrict state-owned land and water within the
8 boundaries described in AS 41.21.455 to use as a public recreation area. Under the
9 provisions of AS 38.05.300, state land, water, or land and water containing more than 640
10 acres may be closed to multiple purpose use only by act of the legislature. Inasmuch as the
11 area described in AS 41.21.455 exceeds 640 acres, AS 41.21.450 - 41.21.465 are intended to
12 except the area described from the provisions of AS 38.05.300.
13

14 **Sec. 41.21.455. Nancy Lake State Recreation Area established.**

15 (a) The presently state-owned land and water and all that acquired in the future by the
16 state, lying within the following described boundary, are hereby designated as the Nancy
17 Lake State Recreation Area, are reserved from all uses incompatible with their primary
18 function as public recreation land, and are assigned to the department for control,
19 development, and maintenance:

20 Beginning at the brass capped monument marking the one quarter corner position, common
21 to Section 34 and Section 35, Township 19 North, Range 5 West, Seward Meridian, Alaska,
22 which is the true point of beginning; thence easterly along the 1/4 line of Section 35 to the
23 west shore of an unnamed lake; thence meandering said lake clockwise in a northerly and
24 southerly direction to a point where said meanders intersect the east-west 1/4 line of Section
25 35; thence easterly along the 1/4 line of Section 35 to the west shore of an unnamed lake;
26 thence meandering said lake clockwise in a northerly and easterly direction to a point where
27 said meanders intersect the east-west 1/4 line of Section 35; thence easterly along the 1/4 line
28 of Section 35 to the 1/4 corner position common to Section 35 and Section 36; thence
29 southerly along the section line common to Sections 35 and 36 to the common corner
30 between Sections 35 and 36, Township 19 North, Range 5 West, Seward Meridian and
31 Sections 1 and 2, Township 18 North, Range 5 West, Seward Meridian; thence easterly along
32 the common line between said Sections 1 and 36 to the common corner of Section 1,
33 Township 18 North, Range 5 West and Section 36, Township 19 North, Range 5 West and
34 Section 31, Township 19 North, Range 4 West and Section 6, Township 18 North, Range 4
35 West; thence easterly along the common line between said Sections 31 and 6 to the 1/4
36 corner position common to Sections 31 and 6; thence northerly along the 1/4 line of Section
37 31 to the C 1/4 corner positions; thence easterly along the 1/4 line of Section 31 and Section
38 32 to the C 1/4 corner position of Section 32, Township 19 North, Range 4 West; thence

1 northerly along the 1/4 line of Section 32 and Section 29 to the C-N-S 1/64th corner position
2 of Section 29, Township 19 North, Range 4 West; thence easterly along the N-S 1/64th line
3 of said Section 29 to the N-S 1/64th corner position common to Section 29 and Section 28;
4 thence southerly along the east section line of Section 29 and Section 32 to the S-N-N
5 1/256th corner position of said Section 32; thence westerly along the S-N-N 1/256th line to
6 the SE-NE-NE 1/256th corner positions; thence southerly along the E-E-E 1/256th line to the
7 NE-SE-NE 1/256th corner position; thence easterly along the N-S-N 1/256th line to the N-S-
8 N 1/256th corner position; thence southerly along the east boundary of Section 32 to the S-N
9 1/64th corner position of said Section 32; thence westerly along the S-N 1/64th line to the C-
10 E-SE-NE 1/256th corner position; thence southerly along the E-E-E 1/256th line to the north
11 shore of Nancy Lake; thence meandering said lake clockwise in an easterly, northerly, and
12 southerly direction to a point where said meander line intersects the north line of Section Lot
13 41, Section 33, Township 19 North, Range 4 West; thence easterly along said north line to
14 the NE corner of said Lot 41; thence southerly along the east line of said Lot 41 to the north
15 shore of Nancy Lake; thence meandering said lake in an easterly, northerly, southerly, and
16 westerly direction to a point where said meander line intersects the east line of Section Lot
17 54, Section 33, Township 19 North, Range 4 West; thence southerly along said east line of
18 said Lot 54 to the east shore of Nancy Lake; thence meandering said lake in an easterly,
19 northerly, southerly, and westerly direction to a point where said meander line intersects the
20 N-N-N 1/256th line of Section 4, Township 18 North, Range 4 West; thence westerly along
21 said N-N-N 1/256th line to the NE-NW-NW 1/256th corner position; thence southerly along
22 the E-W-W 1/256th line to the SE-NW-NW 1/256th corner position; thence easterly along
23 the S-N-N 1/256th line to the C-S-N-NW 1/256th corner position; thence along the W 1/16th
24 line to the C-W 1/16th corner position; thence westerly along the 1/4 line to the 1/4 corner
25 position common to Section 4 and Section 5; thence southerly along the east section line of
26 Sections 5, 8, 17, 20, 29, 32, and 5, to the section corner common to Sections 4, 5, 8, and 9,
27 Township 17 North, Range 4 West; thence westerly along the section line common to
28 Section 5 and Section 8 to the E 1/16th corner position; thence southerly along the E 1/16th
29 line to the SE 1/16th corner position of said Section 8; thence westerly along the S 1/16th
30 line to the C-S 1/16th corner position of Section 7, Township 17 North, Range 4 West;
31 thence northerly along the 1/4 line to the C 1/4 corner position of Section 6, Township 17
32 North, Range 4 West; thence westerly along the 1/4 line of said Section 6 to the east shore of
33 Butterfly Lake; thence meandering said lake clockwise in a southerly, northerly, and westerly
34 direction to a point on the west shore of Butterfly Lake where said meander line intersects the
35 north section line of Section 1, Township 17 North, Range 5 West; thence westerly along the
36 north section line of Section 1 and Section 2 to the point of intersection with line 9-10 of U.S.
37 Survey No. 4638; thence south to Corner No. 4, Lot 3 of said U.S. Survey No. 4638; thence
38 west along the north line of said Lot 3 to the point of intersection with the north-south section
39 line common to Section 2 and Section 3; thence northerly along the west section line of
40 Sections 2, 35, and 26, to the point of intersection with line 3-4 of U.S. Survey No. 3869,
41 Township 18 North, Range 5 West; thence west along said line 3-4 of U.S. Survey No. 3869
42 to the point of intersection with the E 1/16th line of Section 27; thence northerly along said E
43 1/16th line to the point of intersection with line 1-2 of U.S. Survey No. 3869; thence west
44 along said line 1-2 to Corner No. 1 of said U.S. Survey No. 3869; thence N 20 to 06' E along
45 line 2-3 of Lot 31, U.S. Survey No. 3868 for a distance of 268.62 ft. to Corner No. 2 of said

1 Lot 31; thence N 69 54' W along line 1-2 of said Lot 31, to the east shore of Red Shirt Lake;
2 thence meandering said lake clockwise in a southerly, westerly, easterly, and northerly
3 direction to a point where said meander line intersects line 3-4 of Lot 3, U.S. Survey No.
4 3868; thence west along said line 3-4 to Corner No. 3 of Lot 3, U.S. Survey No. 3868; thence
5 south along line 2-3 of said Lot 3 to the point of intersection with the east-west section line
6 common to Section 21 and Section 28, Township 18 North, Range 5 West; thence westerly
7 along said section line to the section corner position common to Sections 20, 21, 28, and 29,
8 Township 18 North, Range 5 West; thence northerly along the section line common to
9 Section 20 and Section 21 to the section corner position common to Sections 16, 17, 20, and
10 21; thence easterly along the section line common to Section 16 and Section 21 to the 1/4
11 corner position common to said Sections 16 and 21; thence northerly along the 1/4 line of
12 Section 16 to the C 1/4 corner position of said Section 16; thence easterly along the 1/4 line
13 of Section 16 to the 1/4 corner position common to Section 15 and Section 16; thence
14 northerly along the section line common to Section 15 and Section 16 to the section corner
15 position common to Sections 9, 10, 15, and 16; thence easterly along the section line
16 common to Section 10 and Section 15 to the 1/4 corner position common to said Sections 10
17 and 15; thence northerly along the 1/4 line of Section 10 to the 1/4 corner position common
18 to Section 3 and Section 10; thence easterly along the section line common to Sections 3 and
19 10 to the section corner position common to Sections 2, 3, 10, and 11; thence northerly along
20 the section line common to Section 2 and Section 3, Township 18 North, Range 5 West, and
21 Section 34 and Section 35, Township 19 North, Range 5 West to the brass capped monument
22 marking the 1/4 corner position common to said Sections 34 and 35 which is the true point of
23 beginning.

24 (b) Nothing in this section affects the right of an organized borough to extract gravel
25 from land that is located within the recreation area and that has been selected by the borough
26 before April 22, 1970 under former AS 07.10.150 - 07.10.160.

28 **Sec. 41.21.460. Incompatible uses.**

29 The commissioner shall designate by regulation incompatible uses within the boundaries of
30 the Nancy Lake State Recreation Area in accordance with the requirements of AS 41.21.450,
31 and those incompatible uses designated shall be prohibited or restricted, as provided by
32 regulation.

34 **Sec. 41.21.465. Purchase authorized.**

35 The commissioner may acquire, by purchase in the name of the state, title to or interest in
36 real property lying within the boundaries of the Nancy Lake State Recreation Area.

38 **Alaska Administrative Code 11 AAC 20.540 – 11 AAC 20.555**

40 **11 AAC 20.540. Use of weapons.**

41 The use and discharge of a bow and arrow or trap for the purpose of lawful hunting or
42 trapping is allowed in the Nancy Lake State Recreation Area, except within one-quarter mile
43 of a developed facility.

1 **11 AAC 20.545. Aircraft.**

2 (a) Except as provided in (b) and (c) of this section, the use of aircraft is allowed in the
3 Nancy Lake State Recreation Area.

4 (b) The use of float-equipped aircraft in the Nancy Lake State Recreation Area is
5 prohibited on

- 6 (1) South Rolly Lake;
- 7 (2) Bald Lake;
- 8 (3) Tanaina Lake;
- 9 (4) Milo Lake;
- 10 (5) Ardaw Lake;
- 11 (6) Jackknife Pond;
- 12 (7) Frazer Lake;
- 13 (8) Little Frazer Lake;
- 14 (9) Charr Lake;
- 15 (10) Owl Lake;
- 16 (11) James Lake;
- 17 (12) Chicken Lake;
- 18 (13) Big Noluck Lake;
- 19 (14) Little Noluck Lake;
- 20 (15) Milo Pond;
- 21 (16) the Echo Ponds;
- 22 (17) Candlestick Lake;
- 23 (18) Buckley Lake; and
- 24 (19) Skeetna Lake.

25 (c) The use of aircraft for the purpose of practice landing is prohibited in the Nancy Lake
26 State Recreation Area.

27
28 **11 AAC 20.550. Motorized boats.**

29 (a) The use of motorized boats is allowed in the Nancy Lake State Recreation Area on

- 30 (1) Nancy Lake;
- 31 (2) Lynx Lake;
- 32 (3) Butterfly Lake;
- 33 (4) Red Shirt Lake; and
- 34 (5) the Little Susitna River.

35 (b) A person may not use a personal watercraft on Red Shirt Lake.

36 (c) A person may use an electric trolling motor on South Rolly Lake.

37
38 **11 AAC 20.555. Snowmobiles.**

39 If the director finds that the snow depth is adequate to protect underlying vegetation, the
40 director shall open Nancy Lake State Recreation Area to the use of snowmobiles south of the
41 Nancy Lake Parkway.

1 **Appendix C**
2 **Trail Plan: Nancy Lake State Recreation Area and**
3 **Nancy Lake State Recreation Site**

4

5

1 **Appendix D**
2 **Nancy Lake State Recreation Area Questionnaire**
3 **Summary**

- 4 • Questionnaire was available for public comment from July 7, 2010 through September
5 13, 2010.
- 6 • Notice of the availability of the questionnaire was distributed to over 900 individuals via
7 email or postcard, and a link to the questionnaire was added to the NLSRA planning
8 website
- 9 • Questions 1-10 percentages are based on the total number of questionnaires received
10 (151)
- 11 • Questions 11-24 percentages are based on total number of respondents for each question
12 (number indicated in parenthesis)
- 13 • 46% (72) of respondents did not indicate ownership w/in NLSRA
- 14 • 52% (79) of respondents indicated property ownership w/in NLSRA
- 15 • Part B percentages are based on the 79 people that indicated they were land owners
- 16 • Results for 151 completed questionnaires are tabulated below

17
18 **Part A: Recreation & Facilities**

- 19
20 1. Q: Do you recreate in the NLSRA or have you recreated in here in the past?
21 A: 99% of respondents recreate in the NLSRA
22
- 23 2. Why do you choose to recreate at the NLSRA? (check most applicable answer)
- 24 a) Opportunity to escape urban environments (67%)
25 b) Own property in area (48%)
26 c) Quiet natural setting (40%)
27 d) Like the area (36%)
28 e) Nearby & convenient (30%)
29 f) Groomed Trails (26%)
30 g) Water access (25%)
31 h) Public Use Cabin System (19%)
32 i) Campgrounds & amenities (9%)
33 j) Trying new area (5%)
34
35

- 1 3. When do you typically recreate at NLSRA? (check all that apply)
- 2 a) 88% summer
- 3 b) 87% winter
- 4 c) 62% fall
- 5 d) 52% Spring
- 6
- 7 4. In what area(s) have you recreated?
- 8 a) Canoe trail (59%)
- 9 b) Nancy Lake Camp (58%)
- 10 c) Nancy Lake Parkway (56%)
- 11 d) Redshirt Lake (56%)
- 12 e) Lynx/Butterfly Lakes (53%)
- 13
- 14 5. What recreational activities do you engage in? (check all that apply)
- a) Snowmobiling (68%)
- b) Canoeing (66%)
- c) Boating (61%)
- d) Fishing (54%)
- e) Hiking (51%)
- f) Wildlife Viewing (44%)
- g) Skiing (43%)
- h) Photography (34%)
- i) Public Use Cabins (31%)
- j) Snowshoeing (26%)
- k) Remote Camping (25%)
- l) Picnicking (19%)
- m) Hunting (18%)
- n) Biking (18%)
- o) Camping at S. Rolly (14%)
- p) Camping at Nancy Lk. (13%)
- q) Dog Mushing (11%)
- r) Orienteering (3%)
- s) Other (15%) Swimming (3), Skijoring, walking, Ice skating, Jet Skiing, ATV
Riding, Geocaching, Dog Activities, Bird Watching, Star Gazing, Cabin Owner (3)
- 15
- 16
- 17
- 18 6. What recreational uses or facilities that may or may not be currently available do you feel
- 19 are appropriate for the NLSRA? (check all that apply)
- a) Hiking (72%)
- b) Cross country skiing (69%)
- c) Camping (69%)
- d) Public Use Cabins (65%)
- e) Snowmobile Riding (64%)
- f) Boating (64%)
- g) Swimming (62%)
- h) Picnic Areas (61%)
- i) Biking (56%)
- j) Group Camping (48%)
- k) Park Organized Activities (44%)
- l) Dog Mushing (44%)
- m) Float Plane Use (42%)
- n) Education & Interpretation Center (38%)
- o) Dog Training (25%)
- p) Horse Riding (25%)
- q) Other (25%) - ATV Access (10), Fishing (2), Non – Motorized Boating (2),
Marina, Boat Launch on L. Susitna, Hunting, Skijoring (2), Nude Beach, Boat
Storage for Cabin Owners, Geo-caching, Canoeing, Dedicated access to Butterfly
Lk from Lynx Lk Rd, Vehicular Access to W bank of Nancy Lake, Ice-skating (2),
Shooting, Jet Skiing, Quiet Areas, Birding, Golf Course
- 20
- 21
- 22
- 23
- 24
- 25

1 7. What recreational uses or facilities that may or may not be currently available do you feel
2 are not appropriate for the NLSRA? (check all that apply)

- | | |
|--|------------------------------|
| a) Horse riding (33%) | i) Group Camping (8%) |
| b) Dog training (31%) | j) Boating (7%) |
| c) Float plane use (29%) | k) Swimming (3%) |
| d) Education & Interpretation center (16%) | l) Picnic Areas (2%) |
| e) Snowmobile Riding (15%) | m) Public use Cabins (1%) |
| f) Dog Mushing (14%) | n) Camping (1%) |
| g) Park Organized Activities (12%) | o) Cross Country Skiing (1%) |
| h) Biking (9%) | p) Hiking (0%) |

3 q) Other (22%) – ATV’s (15), Jet Skis (5), Motorized Boating (4), RV’s, Commercial
4 Beer & Liquor Sales, Boat Traffic/Storage, Vehicular Access, Fireworks, Street
5 Lights, Docks beyond 25’ into Lake, Shooting
6

7 8. What do you like most about the NLSRA? (check all that apply)

- 8 a) Quiet Natural Setting of the area (62%)
9 b) Remote canoeing and camping (57%)
10 c) Diversity of recreational opportunities (55%)
11 d) Marked trails (37%)
12 e) Family Oriented (26%)
13 f) Escape urban environments (2%)
14 g) Other (11%) – Snowmachine Trails (4), Wildlife Viewing (2), Boating (2), Fishing
15 (3), Jet Skiing, Hunting, No HWY Vehicular Access, Access to Cabin
16

17 9. What do you like least about the NLSRA? (check all that apply)

- 18 a) Motorized use in the recreation area* (33%)
19 b) Crowding in area of Nancy Lake Parkway (21%)
20 c) Lack of developed access (19%)
21 d) Lack of development (14%)
22 e) Facilities at or above capacity (13%)
23 f) Cleanliness of public sanitary facilities (9%)
24 g) Other(33%) – ATV Damaged trails (4), Non-enforcement of noise ban after 10PM
25 (4), Lack of ATV Summer Access (2), Lack of plan for boat owner storage at Red
26 Shirt Lk, Unpermitted development of small lakes, Snow cover limitations for
27 snowmachine use, Litter on trails & in Lakes, bureaucratic interference in landowner
28 access, Jet Skis & Waterskiing, Hunting & Trapping, Floatplanes practice landings &
29 takeoffs, Lack of park staff at gate for assistance, Unmaintained canoe trails,
30 Inadequate signage, Boat docks beyond 25’ into Lakes, Parking at Nancy Lake
31 Parkway Boat Launch
32

33 10. There are currently approximately 42 miles of trails (includes cross country ski trails,
34 canoe trails, summer hiking trails, and access trails), two developed campgrounds, 23
35 maintained portages and approximately 6 miles of maintained roads in NLSRA. Based on

1 this information and your experience, how much development is appropriate? (check the
2 one that applies most)

- 3 • Keep it near current levels (46%)
- 4 • Increase it slightly (26%)
- 5 • Increase 50% (9%)
- 6 • Reduced (9%)
- 7 • Double (7%)
- 8 • Triple (7%)

9
10 **Questions 11-24 (Yes/No) (Many respondents chose not to answer some questions)**

11
12 11) Would you support a higher level of development in the Nancy Lake Parkway corridor
13 to provide a greater diversity of recreational opportunities? This would focus increased
14 development in an area that has paved access and currently receives high use levels while
15 preserving the interior portion of the recreation area for non-motorized boating and camping
16 opportunities. 45% Yes / 55% No (146)

17
18 12) Would you support a higher level of development in the areas of Lynx Lake Road and
19 Butterfly Lake Trail to provide a greater diversity of recreational opportunities? This would
20 focus increased development in areas with existing access routes and lakes that allow
21 motorized use, while preserving the interior portion of the recreation area for non-motorized
22 boating and camping opportunities. 41% Yes / 59% No (147)

23
24 13) Would you support expanding the cross country skiing trails north of the Nancy Lake
25 Parkway? This would increase non-motorized recreation opportunities during the winter
26 season. 69% Yes / 31% No (143)

27
28 14) Would you support development of skate skiing trails? This would be done by locating
29 a new skate ski trail alongside the existing Nordic trails or by the development of new
30 combined trails. 61% Yes / 39% No (143)

31
32 15) Would you support the development of new looped snowmobile trails? All of these new
33 trails would be developed south of the Nancy Lake Parkway. 63% Yes / 37% No (148)

34
35 16) Would you support developing the canoe trail system (trail tread, boardwalk, and
36 portage sites) to a higher trail standard? This would include improving and widening the
37 tread of the trail, increasing the clearing width, addressing impacts to resources, and
38 increasing trail sustainability. 69% Yes / 31% No (146)

39
40 17) Would you support constructing new public use cabins, Adirondack type shelters, or
41 additional remote camping sites in back-country areas (areas accessed by canoe or other
42 trails)? This would allow expansion of the public use cabin system, expand camping
43 opportunities, and introduce new opportunities for overnight accommodation at Adirondack
44 type shelters. 61% Yes / 39% No (145)

1 18) Would you support constructing new public use cabins, Adirondack type shelters, or
2 additional camping sites in front-country areas such as Nancy Lake Parkway or Lynx Lake
3 Road/Butterfly Lake Trail)? This would allow expansion of the public use cabin system,
4 expand camping opportunities, and introduce new opportunities for overnight
5 accommodation at shelters. At least one of the cabins would be developed as barrier free and
6 will have summertime access that meets ADA Accessibility Guidelines for Buildings and
7 Facilities. 51% Yes / 49% No (144)

8
9 19) Would you support development of a looped mountain bike trail system in the area south
10 and west of South Rolly Lake Campground? This would provide an opportunity that does
11 not currently exist in the recreation area and would enhance opportunities for recreation
12 associated with the developed campground at South Rolly Lake and for day use visitors to
13 the recreation area. 68% Yes / 32% No (146)

14
15 20) Would you support development of a group camp facility at Shem Pete Lake? This
16 would provide an opportunity for group oriented recreation that does not currently exist in
17 the recreation area. 57% Yes / 43% No (139)

18
19 21) Would you support a multi use trail (non-motorized), on the East Red Shirt Lake Trail
20 and Chicken Lake Cross-park Trail? This would provide new recreational opportunities that
21 do not currently exist (bicycle use) and expand use of the primitive and unmaintained Cross-
22 park Trail. 59% Yes / 41% No (140)

23
24 22) Would you support the development of equestrian trails in the area of the Nancy Lake
25 Parkway? This would provide new recreational opportunities that do not currently exist.
26 31% Yes / 69% No (144)

27
28 23) Would you support the development of interpretive and nature trails in the area of the
29 South Rolly Lake Campground? This would provide increased opportunities for guests at the
30 campground and for day use visitors to the area. 73% Yes / 27% No (142)

31
32 24) Would you support the development of a new multipurpose facility within the Nancy
33 Lake Parkway corridor? This facility could serve as a new park headquarters site and
34 regional training and meeting center for both the park and the public (similar to the Campbell
35 Creek Science Center in Anchorage). When not being used in support of park programs, this
36 facility would be available for use by the public for a fee. 57% Yes / 43% No (148)

37

1 **Part B: Landowner**

2

3 **A. Ownership and Access**

- 4
- 5 1. Do you own property within¹, contiguous², or adjacent³ to the Recreation Area?
- 6 52% Yes / 48% No *If yes please complete the following questions*
- 7
- 8 2. Where is your property located?
- 9 Top three areas of land ownership – Nancy Lake, Butterfly Lake & Redshirt Lake
- 10 Subdivisions. (Subdivision and/or lake name)
- 11
- 12 3. How long have you owned this property? (17)* Years
- 13
- 14 4. Do you utilize trails, launches, or boat storage areas in the Recreation Area to access
- 15 your property? 62% Yes / 38% No
- 16
- 17 5. Do you utilize the boat launch and parking area of the Recreation Site to access your
- 18 property? 34% Yes / 66% No
- 19
- 20 6. How do you access your property in the summer and winter? (check all that apply)
- 21 **(79 Landowners)**
- | | |
|------------------------|-----------------------|
| a) Hiking | 33 Summer / 0 Winter |
| b) Power boating | 30 Summer |
| c) Canoe | 35 Summer |
| d) Plane | 17 Summer / 9 Winter |
| e) Skiing | 0 Winter |
| f) Off Highway Vehicle | 22 Summer / 17 Winter |
| g) Highway Vehicle | 36 Summer / 34 Winter |
| h) Snowmobile | 51 Winter |
| i) Bicycle | 9 Summer / 2 Winter |
- 22
- 23 7. How long have you been using those access methods? (19)* Years

¹ Property is entirely or mostly within NLSRA.

² Property shares a common boundary with NLSRA.

³ Property is in close proximity to NLSRA.

* Average

1 **Appendix E**
2 **Division of Parks and Outdoor Recreation Trail**
3 **Management Policy – Effective 3/10/2009**

4 **Introduction:**

5

6 The Alaska Division of Parks and Outdoor Recreation is responsible for approximately 67
7 trails, comprising more than 650 miles (not including water trails) within 128 units of the
8 State system. These trails are very important to Alaskans. According to a public recreation
9 survey, seven of the top ten favorite activities of Alaskans involve trail usage (SCORP,
10 2004). This same survey found that the majority of respondents indicated that trail
11 rehabilitation, upgrades, and expansion should be a high priority for the State.

12

13 The *Division of Parks and Outdoor Recreation Ten-Year Strategic Plan 2007-2017* reports
14 that the deferred maintenance backlog for park facilities (which includes trail operations) is
15 over \$67 million. Funding tends to focus on the high-use front-country areas, where most
16 management and public safety problems occur. For this reason, trail programs tend to receive
17 little attention other than “basic” maintenance, such as removing fallen trees or other minor
18 repairs, and almost no preventive maintenance. Often, trail operations have been viewed as a
19 non-technical element of overall park operations and little emphasis has been placed on
20 formal training for staff involved in trail programs. In most cases, staff has been provided
21 with limited direction and guidelines and few training opportunities. This has proved
22 detrimental as improperly built and maintained trails are in some cases inadequate for their
23 current uses, and can lead to park resource damage.

24

25

26 **Purpose:**

27

28 This Trail Management Policy will provide direction on how the Division will manage,
29 develop, maintain and assess the condition of its trails. It is designed to provide the
30 overarching framework guiding sustainable and responsible trail development and
31 management. To complement this policy the Alaska State Parks Trail Management
32 Handbook has been created to provide greater detail on how to design, construct and
33 maintain trails using standards, guidelines and best management practices.

34

35

1 The five primary goals of this policy and the Alaska State Parks Trail Management
2 Handbook include:

- 3
- 4 1. Standardize *sustainable* trail construction and maintenance techniques.
- 5 2. Organize a process to assess, prescribe and prioritize State trail system needs.
- 6 3. Promote wise management of Alaska State Park trail resources through proper
7 planning, design and training.
- 8 4. Achieve long-term savings in maintenance costs.
- 9 5. Provide reference resources to the public, other organizations and park staff to
10 establish, promote and enhance sustainable trail systems throughout the State.

11
12 These goals will be carried out through the creation, use and in some cases adoption of the
13 following trail management concepts:

- 14
- 15 1. Trail Management Objectives (TMO's)
- 16 2. Trail Classification System
- 17 3. Best Trail Management Practices (BMP's) through use of the adopted "Sustainable
18 Trail Framework"
- 19 4. Trail Inventory and Assessment (through GIS / GPS application)
- 20 5. Standardized Trail Dictionary

21 22 **1. Trail Management Objectives**

23
24 Trail Management Objectives (TMO's) are defined as the documentation of the intended
25 purpose and management strategies of a trail based on the trail vision. TMO's document the
26 Trail Class, Designed Use, Design Parameters, and other trail-specific considerations for both
27 planned and existing trails. TMO's also provide information for subsequent trail planning,
28 management and reporting purposes.

29
30 All Alaska State Park's *managed trails*⁴ will have TMO's developed based on management
31 plan direction and a trail's specified Designed Use. Absent of a management or trail plan,
32 TMO's will be developed with consideration given to how individual TMO's accommodate
33 the public needs, protect resources and are sustained into the future.

34
35 See Section 1 of the **Alaska State Parks Trail Management Handbook** for the Trail
36 Management Objective form and instructions.

37
38

⁴ See the Alaska State Parks Trail Management Handbook for a formal definition (Trail Use Strategies and Managed use)

2. Trail Classification System

A Trail Classification System provides uniform standards for trail nomenclature, maintenance, marking, design, and construction. The Trail Classification System adopted by this policy is a close adaptation of the National Trail Classification System that has been formally adopted by most federal land management agencies, and therefore will be a major step forward in applying consistent terminology and management guidance on trails across Alaska. This system is based on identifying the standardized category (Type and Class) of an existing or planned trail.

Two general types of trails will be referenced in the Alaska State Parks Trail Management Handbook: Standard Terra Trails and Snow Trails. Each trail, regardless of type, is further broken-down into one of five Trail Classes, ranging from least developed (Trail Class 1) to most developed (Trail Class 5). General criteria are supplied to define Trail Classes applicable to all system trails. Trail Classes are further refined through Trail Design Parameters that offer construction specifications by the type of trail use, such as hiking, biking, all-terrain vehicle, and snowmobile trails. Trail Design Parameters provide guidance for the assessment, survey and design, construction, repair and maintenance of trails, based on the Trail Class and Designed Use of the trail.

See Sections 2 and 3 of the **Alaska State Parks Trail Management Handbook** for Trail Classification Criteria and Design Parameter Matrices.

3. Best Management Practices (BMP's) for Trails through use of a "Sustainable Trail Design Framework"

A Sustainable Trail is most simply defined as a trail that conforms to its terrain and environment, is capable of handling its intended use without serious degradation, and requires minimal maintenance.

Trail sustainability is designed around the following four design fundamentals:

- Integrated Water Control
- Curvilinear Layout
- Grade Control
- Full Bench Construction

The foundation of sustainable trail construction focuses on initial trail design to prevent future resource degradation and human impacts. While initial construction costs are typically higher, overall life-cycle costs will be reduced with lower maintenance costs as well as minimizing resource degradation in the future. Integral to sustainability is proper trail

1 planning – a sound plan is the core for any successful trail project. Additionally, a
2 Sustainable Trail integrates well into its environment; it does not destroy the feel, aesthetics
3 or ecological integrity of the environment.
4

5 The Division adopts these core fundamental sustainable trail design concepts and will
6 integrate them into its trails program. While some elements may be difficult or impossible to
7 fully implement without major expense, all reasonable measures shall be implemented
8 whenever feasible. This policy mandates that the “Sustainable Trail Design Framework” be
9 incorporated as follows:
10

- 11 • **New Trails** – All new Division trails will be built using the “Sustainable Trail Design
12 Framework” as part of their design standard. No new trails will be constructed
13 without adherence to this standard.
- 14 • **Existing Trails** – As trails are repaired, re-routed or otherwise upgraded, they will be
15 built to sustainable levels when feasible.
16

17 See Section 4 of the **Alaska State Parks Trail Management Handbook** for reference to the
18 adopted “Sustainable Trail Design Framework”.
19

20 **4. Trail Inventory and Assessment System** 21

22 Before trail maintenance and repair strategies can be fully developed, an assessment of trails
23 and their condition will be made based on the TMO’s developed for each trail. While TMO’s
24 provide a vision for *future* trail conditions, Trail Assessments will offer an accurate snapshot
25 of *existing* conditions and what is needed to meet sustainable standards. Differences
26 identified between a TMO and Trail Assessment will expose those areas where shortfalls and
27 gaps exist. Corrective measures and rehabilitation efforts to address identified shortfalls shall
28 utilize sustainable trail concepts and best practices. Information derived from assessments
29 and evaluated against sustainable standards and guidelines will also aid in the determination
30 of how a trail may be best managed given its current state.
31

32 It will be Division policy to collect an inventory and assessment of all managed trails to
33 determine the condition and immediate need of park trail systems. Alaska’s Minimum State
34 Mapping Standards will be applied for the creation of mapping documents, as listed in the
35 Alaska State Parks Trail Management Handbook. It is also mandated that all data collected
36 will conform to the newly developed Interagency Trail Data Standards. Universal trail data
37 standards will enable national, regional, state, and trail-level managers and the public to use
38 mutually understood terminology for recording, retrieving and applying spatial and tabular
39 information. Data standards will make it easier for trail information to be accessed,
40 exchanged and used by more than one individual, agency or group. Any data collected for the
41 Division shall be exchangeable and functional for other partner agencies and public use.
42

43 See Section 5 of the **Alaska State Parks Trail Management Handbook** for the Trail
44 Assessment Procedures and Guidelines, Alaska’s Minimum State Mapping Standards and the
45 (soon to be adopted) Interagency Trail Data Standards.

1 **5. Trail Terminology**

2
3 A major goal of this policy is to clarify and implement consistent terminology to provide for
4 effective communication and common understanding. Terminology referenced in this policy
5 has been obtained from many sources including the US Forest Service (in collaboration with
6 the National Park Service, the US Fish and Wildlife Service, and the Bureau of Land
7 Management) and non-profit organizations such as Alaska Trails. It is the policy of the
8 Division to utilize a standardized trail dictionary. Use of a standardized trail dictionary will
9 allow management to become more uniform in the implementation of sustainable trail design
10 practices and carry a common, consistent voice in the trails community.