

## Table 4.1

### ANCHORAGE BOWL

#### WETLAND DESIGNATIONS, ENFORCEABLE AND ADMINISTRATIVE POLICIES AND MANAGEMENT STRATEGIES

**Note:**

**General Permits:** The Corps of Engineers issued five separate General Permits (GPs) to the Municipality that covers development projects in “C” wetlands in Anchorage. The GPs are reviewed and renewed every five years. The most recent Anchorage GPs were issued in April, 2010. Under current GP procedures, the Municipality determines whether a proposed fill project in “C” wetlands is consistent with the GP terms and conditions. The Anchorage GPs are applied to only “C” wetlands as designated in the AWMP. The GPs do not apply to “A” or “B” wetlands and some “C” sites are excluded. *Attachment A-Table 1* of the Anchorage GPs identifies which “C” wetland parcels are eligible for and which are excluded from the GPs. *Attachment B-Table 3* of the GPs assigns site specific restrictions and design criteria to each eligible “C” wetland. The AWMP **Table 4.1** management strategies notes which “C” wetlands are eligible for the GPs and reference applicable site-specific restrictions and design criteria assigned to each site in the GPs. Refer to the current GPs for details and explanations of these requirements. Link: <http://www.muni.org/departments/ocpd/planning/physical/envplanning/Pages/default.aspx>. During the issuance of the current General Permits, the Corps included several previously unmapped wetlands as eligible for the GP. These are referenced as “U” wetlands in the General Permit documents. This AWMP revision includes these “U” sites and designates them as “C.” **\*(New sites now classified as “D” or “P” and former “U” sites now designated “C” are listed in blue.)**

**Site #**, listed in column 1 of the table, references individual wetland sites or collective groups of wetlands that are in the same geographic area and perform similar functions. These wetland sites or groups were generally assessed together and share the same or similar management strategies.

**Map #** in the table references map pages from the Anchorage Wetlands Atlas, 2008. The atlas can be found on the MOA Watershed Management Services Library website under ‘maps’ at: <http://wms.geonorth.com/library/LibraryMapsWetlandsAtlasANC08.aspx>. The atlas may also be viewed at the Planning public counter, Municipal Planning and Development Center, 4700 Elmore Road, Anchorage, Alaska.

**Management Strategies, Enforceable and Administrative Policies:** Includes for each wetland a Site Description, approximate Acreage of wetland unit, Ownership, and “Scores,” which refer to the Anchorage Wetlands Assessment Methodology scores (reference Chapter 2, II. Resource Inventory, A. Background, for AWAM scoring information).

**Designation or Classification:** Reference Ch.4, II. Definitions, A. Background on page 25 of the plan for definitions of *designations* and *classifications*. Other previously unmapped sites not eligible for the General Permit are *classified* as “D” or “P.” “D” sites have been determined to be wetlands, yet have not been *designated* as “A,” “B,” or “C” using the Anchorage Wetlands Assessment Methodology (MOA, 1991). The “P” sites are “potential wetlands” based largely on hydric soils information and aerial photography interpretation. They have yet to be delineated as wetlands by field investigations. These **“D” (undesigned) and “P” (potential) wetlands** require a Corps of Engineers Jurisdictional Determination and wetland delineation to gain information on whether the wetland falls under the Corps’ jurisdiction and the location of the wetland boundaries. This is noted within the management strategy it applies.

Site #	Map # (in the Anchorage Wetlands Atlas, 2008)	Management Strategies, Enforceable and Administrative Policies:	Designation or Classification
1	1	<u>PORT AREA: NORTH OF TERMINAL ROAD</u> (1.96 acres; Public & Private Ownership) (Scores: Hydrology = 100; Habitat = 73; Species Occurrence = 49; Social Function = 24) Because the site provides migratory and limited nesting habitat for several species attenuates stormwater flows and performs water quality functions for an area with contaminated groundwater, <i>the site shall be maintained to the maximum extent possible.</i> Values for Stormwater attenuation and water quality.	B
1	1	<u>PORT AREA: SOUTH OF TERMINAL ROAD</u> (1.95 acre; Public & Private Ownership) (Scores: Hydrology = 60; Habitat = 44; Species Occurrence = 45; Social Function = 11) Site in Terminal Road ROW classed as "C" wetlands. <b>General Permit applicable: Site Restrictions and Design Criteria: Construction timing window, identify surface water features, BMPs for local flooding and stormwater controls required.</b> A toxics evaluation shall be done if excavation is proposed, and it shall meet the acceptable standards of the Alaska Department of Environmental Conservation in order to prevent degradation of water quality in adjacent water bodies and wetlands. <i>Wetland south of Terminal Road is designated "B" and should be retained to the maximum extent possible.</i> Values for Stormwater attenuation and water quality.	B,C
2	1, 2 and 9	<u>SHIP CREEK FLOODPLAIN</u> (above CEA dam) (3.29 acres; Public & Private Ownership) (Scores: Not Assessed) Wetlands values for water quality, flood and stormwater attenuation, and habitat. Alaska Department of Fish and Game timing stipulations may be imposed to limit disturbance to anadromous fish. Further information may be obtained from the <u>Ship Creek Waterfront Land Use Plan</u> (1991). Executive Order (EO) 11990 and 11998 apply to protection of wetlands on military land.	A
2	1, 2 and 9	<u>SHIP CREEK BEAVER POND</u> (1.05 acres; Public & Private Ownership) (Scores: Hydrology = 118; Habitat = 68; Species Occurrence = 68; Social Function = 24) Values for water quality, flood and stormwater attenuation, and habitat. <i>Functions shall be preserved to maximum extent possible by avoiding ponded areas.</i>	A
3	3	<u>SHIP CREEK: NW REEVE/VIKING</u> (3.63 acres; Public Ownership) (Scores: Hydrology = 74; Habitat = 80; Species Occurrence = 63; Social Function = 76) Values for flood control, water quality and habitat. Site is an old slough of Ship Creek. Fill within slough shall be avoided. ADFG stocks the creek with Chinook and Coho Salmon.	A
3	3	<u>SHIP CREEK: NE REEVE/VIKING</u> (5.46 acres; Public Ownership) (Scores: Hydrology =90; Habitat = 67; Species Occurrence = 51; Social Function =25) Requires COE Jurisdictional Delineation and additional information to map wetland boundaries. Values for flood control, water quality and habitat. Provides additional filtering of snow disposal site runoff before it enters Ship Creek. <i>Retain wetlands to maximum extent practicable.</i>	B
4	3	<u>NORTH OF RAILROAD TRACKS, NORTH OF INTERSECTION: REEVE/POST ROAD</u> (2.76 acres; Public Ownership) (Scores: Hydrology = 111; Habitat = 73; Species Occurrence = 35; Social Function = 25) Because the pond and adjacent wetlands are an important filter area, the site provides habitat for several species. <i>The drainageways and pond areas shall be maintained and avoided to the maximum extent possible.</i> The site's filtering values shall be protected, since the pond drains directly into Ship Creek. <i>A previously unmapped perennial channel, exiting the wetland and flowing into Ship Creek, requires a 25-foot minimum setback.</i>	B

Site #	Map # (in the Anchorage Wetlands Atlas, 2008)	Management Strategies, Enforceable and Administrative Policies:	Designation or Classification
4a	2	<u>GOVERNMENT HILL</u> (0.9 acres; ARR ownership)(Scores: Hydrology = 84 ; Habitat = 56; Species Occurrence= 21; Social Function= 18) Recently mapped springs and streams from hillside are ponded with wetlands at ARR tracks, below bluff. Values for stormwater and flood attenuation, and water quality. <i>Maintain streams with 85-foot setbacks.</i>	A
5	11	<u>NE MOUNTAIN VIEW DRIVE/GLENN HIGHWAY INTERSECTION</u> (2.82 acres; Public & Private Ownership) (Scores: Hydrology = 86; Habitat = 47; Species Occurrence = 18; Social Function = 59) Values for Stormwater retention and water quality. <b>General Permit applicable.</b> <i>Site Restrictions and Design Criteria: Construction timing window, BMPs for local flooding and stormwater controls required.</i>	C
6	14	<u>TURPIN PARK</u> (0.7 acres; Public Ownership) (Scores: Hydrology = 70; Habitat = 34; Species Occurrence = 18; Social Function = 60) Municipal park land. COE Jurisdictional Determination required. Values for stormwater attenuation and water quality.	A
7	12	<u>NORTH RUSSIAN JACK PARK</u> (34.56 acres; Public Ownership) (Scores: Hydrology = 102; Habitat = 60; Species Occurrence = 18; Social Function = 75); Includes site at SE Debarr and Pine Streets. Values for stormwater attenuation and water quality. <b>General Permit applicable.</b> <i>GP Site Restrictions and Design Criteria include: Setback = 25 feet from drainageways, Construction Timing Window, Identify Surface Water Features and BMPs to prevent Local Flooding and Stormwater Functions.</i>	C
8	15a, 36	<u>MULDOON: EAST OF FOOTHILLS SUBDIVISION</u> (446.85 acres; Private Ownership) (Scores: Hydrology = 124; Habitat = 95; Species Occurrence = 75; Social Function = 38) Remaining undeveloped wetlands at Chester Creek classed as "A" to military boundary. Setback 65 feet from Chester Creek. Tract C-5 platted as open space (plat #93-55); wetlands <b>preserved</b> via plat 93-55. Stormwater shall be treated before entering stream setbacks.	A
9	25	<u>MULDOON ESTATES SUBDIVISION, NORTH OF TURF CT.</u> (3.31 acres; Public /Private Ownership) (Scores: Hydrology = 104; Habitat = 89; Species Occurrence = 71; Social Function = 71) Values for flood attenuation, water quality, and habitat. Storm drain detention system feeds into Chester Creek. <i>Stream setback of 65 feet</i> encompasses most of remaining wetlands, which warrants "A" designation.	A
10	25 and 36	<u>HIDEAWAY HILLS, TRACT A</u> (31.32 acres; Private Ownership) (Scores: Hydrology = 104; Habitat = 71; Species Occurrence = 60; Social Function = 50); Includes southwest lobe to 32 <sup>nd</sup> St. Values for hydrology, flood attenuation, and habitat. Enhancement potential possible in northern portions of the "B" wetlands; i.e., ditches could be filled and area can serve more for stormwater retention. Wetland lobe (designated "C") extending south of the main "B" site provides water quality and flood control values. <b>A General Permit</b> may be applicable for fill in the "C" wetlands. GP Site Restrictions and Design Criteria include: <i>Setbacks 65 feet from ponds, 25 feet from drainageways; 15-foot buffer from "B" wetlands. BMPs to prevent Local Flooding, Dewatering of Adjacent Wetlands, and address Stormwater Functions. Requires Construction Timing Window, Wetland Delineation and Identification of Surface Water Features.</i>	B/C

Site #	Map # (in the Anchorage Wetlands Atlas, 2008)	Management Strategies, Enforceable and Administrative Policies:	Designation or Classification
10A	36	<p><u>SOUTH OF 36<sup>TH</sup>, NORTH OF PIONEER, EAST OF MULDOON</u> (Private and Public Ownership) (Scores: Hydrology = 74; Habitat = 48; Species Occurrence = 18; Social Function = 40)</p> <p>“A” wetland: SW corner of Tract C-1, Chugach Foothills Subdivision Addition (0.24 acres) <b>preserved</b> by COE permit #2006-1268-4. . East side of Tudor/Muldoon curve, ADOT ponds are <b>preserved</b> by permit #POA-2004-1220.</p> <p>“C” wetland: Chugach Foothills Subdivision Park (0.48 acres) COE Jurisdictional Determination required. Values for stormwater attenuation and water quality. <b>General Permit applicable</b>. GP Site Restrictions and Design Criteria include: <i>Construction timing window; BMPs to prevent Local Flooding, and address Stormwater Functions.</i></p> <p><b>Previously unmapped wetlands on Muldoon Road, from East 36<sup>th</sup> to Pioneer Drive, now designated as “C”</b> (2.09 acres; State Ownership)(Scores: Hydrology = 61, Habitat = 50, Species Occurrence = 24, Social Function = 36) and are eligible for the <b>General Permit</b>. Noted as site #U-2 in the GP. GP Site Restrictions and Design Criteria include: <i>Construction timing window; identify stormwater features; BMPs to prevent Local Flooding, dewatering of adjacent wetlands and address Stormwater Functions.</i></p>	A/C
11	25	<p><u>SUSITNA SCHOOL POND</u> (0.17 acres; Public Ownership) (Scores: Hydrology = 69; Habitat = 50; Species Occurrence = 17; Social Function = 55)</p> <p>Values for Stormwater retention, water quality and habitat. Retain pond to maximum extent possible.</p> <p>A <b>General Permit</b> may be applicable for fill in the “C” wetlands. GP Site Restrictions and Design Criteria include: <i>BMPs to prevent Local Flooding and address Stormwater Functions. Requires Construction Timing Window.</i></p>	C
11	25	<p><u>NORTHWEST INTERSECTION OF NORTHERN LIGHTS/MULDOON</u> (3 sites) (1.75 acres; Private Ownership) (Scores: Hydrology = 69; Habitat = 50; Species Occurrence = 17; Social Function = 55)</p> <p>Values for Stormwater retention, water quality and habitat.</p> <p>A <b>General Permit</b> may be applicable for fill in the “C” wetlands. GP Site Restrictions and Design Criteria include: <i>BMPs to prevent Local Flooding and address Stormwater Functions. Requires Construction Timing Window.</i></p>	C
12	36	<p><u>MULDOON PARK: NORTHERN LIGHTS BOULEVARD AND MULDOON ROAD</u> (9.45 acres; Public Ownership) (Scores: Hydrology = 69; Habitat = 53; Species Occurrence = 22; Social Function = 50) Values for water quality, flood and stormwater attenuation.</p> <p>A <b>General Permit</b> may be applicable for fill in the “C” wetlands. GP Site Restrictions and Design Criteria include: <i>25-foot Drainageway Setbacks; BMPs to identify Surface Water Features, prevent Local Flooding, and address Stormwater Functions. Requires Construction Timing Window.</i></p>	C
13	35	<p><u>SOUTHWEST INTERSECTION OF NORTHERN LIGHTS/PATTERSON</u> (7.93 acres; Private Ownership) (Scores: Hydrology = 105; Habitat = 61; Species Occurrence = 18; Social Function = 47)</p> <p>COE Jurisdictional Determination required. Values for stormwater attenuation and water quality. <b>General Permit applicable</b>. GP Site Restrictions and Design Criteria: <i>Construction timing window; BMPs for local flooding and stormwater controls required.</i></p>	C
14	24	<p><u>CHENEY LAKE</u> (1.69 acres; Public Ownership) (Scores: Hydrology = 117; Habitat = 108; Species Occurrence = 97; Social Function = 95). Includes wetlands along eastern shoreline.</p> <p>Values for water quality, habitat and recreation. Provides waterbird nesting and staging habitat as well as active recreation. ADFG stocks the lake with Chinook Salmon and Rainbow Trout (2011 data).</p>	A/Open Water

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14A	24	<u>COLLEGE GATE SUBDIVISION #4, TRACT D</u> (5.95 acres; Public Ownership) (Scores: Hydrology = 71; Habitat = 41; Species Occurrence = 18; Social Function = 74) <i>Values for flood and stormwater attenuation, water quality. Maintain 100-foot setback from Chester Creek due to its anadromous fish resources. Setback (100 feet) precludes a lower designation; provides buffer to stream. Eastern boundary of mapped wetland requires a COE Jurisdictional Determination.</i>	A
15	35	<u>BAXTER BOG</u> (47.2 acres; Public & Private Ownership) (Scores: Hydrology = 131; Habitat = 122; Species Occurrence = 81; Social Function = 75) <i>Values for flood and stormwater attenuation, water quality and habitat. Prevent dewatering of bog. Critical hydrological connections exist in "B" wetland areas, which shall be identified and then avoided and protected. Any stormwater entering the site requires pre-treatment.</i>	A/B
16	35	<u>NORTH OF REFLECTION LAKE: EAST OF IMAGE DRIVE, BETWEEN KEYANN CIRCLE AND RIDGELAKE CIR.</u> (0.45 acres; Private Ownership) (Scores: Hydrology = 92; Habitat = 75; Species Occurrence = 48; Social Function = 43) <i>Values for stormwater attenuation and water quality in the Chester Creek drainage. Requires COE Jurisdictional Delineation. Eligible for <b>General Permit</b>. GP Site Restrictions and Design Criteria: <i>Construction timing window; wetland delineation; BMPs for local flooding and stormwater controls required.</i> Consult with the Corps of Engineers regarding specific site restrictions and design criteria applicable to this site.</i>	C
16	35	<u>REFLECTION LAKE: Eastlake Subdivision, Tract C-1</u> (7.97 acres; Private Ownership) (Scores: Not Assessed) <i>Fringe wetlands vary in extent along lakeshore and South Fork Chester Creek inlet/outlet. Values for flood and stormwater attenuation, water quality and habitat. COE Jurisdictional Determination and wetland delineation required. Chester Creek setback is 25 feet. Should the provisionally adopted code (May, 2010, Title 21) be effective, a setback of 25 feet from Reflection Lake would apply.</i>	D
17	23	<u>NORTHERN LIGHTS/WESLEYAN &amp; RUSSIAN JACK PARK</u> (45 acres approx.; Public & Private Ownership) ("A" wetland scores: Hydrology = 94; Habitat = 84; Species Occurrence = 85; Social Function = 72. "B" wetland scores: Hydrology = 95; Habitat = 70; Species Occurrence = 53, Social Function = 58) <i>Black spruce forested, southern edge on the north side of Northern Lights Blvd is designated "C" wetlands. Remainder classed as "B" wetlands due to higher habitat, flood control and water quality values. A fork of Chester Creek flows through the northern extent of the wetlands. Portion of the wetland in Russian Jack Park is designated as "A." Wetland has values to Chester Creek for stormwater and flood attenuation, water quality, habitat and open space/aesthetics. Maintain a 100-foot setback from Chester Creek and tributaries to protect anadromous fish resources.</i> <i>"C" wetlands North of Northern Lights Blvd, West of Pine St: Eligible for <b>General Permit</b>. GP Site Restrictions and Design Criteria: <i>Construction timing window; wetland delineation; BMPs for local flooding, dewatering of adjacent wetlands and stormwater controls required. A 15-foot transitional buffer shall be maintained between fill permitted under General Permits and "B" wetland.</i></i>	A/B/C

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17A	23	<u>NORTH OF NORTHERN LIGHTS BOULEVARD AND WESLEYAN AT 26th</u> (0.86 acres; Private Ownership) (Scores: Hydrology = 91; Habitat = 55; Species Occurrence = 54; Social Function = 60) COE Jurisdictional Determination required. Former gravel pit. Values for area stormwater retention. Eligible for <b>General Permit</b> . GP Site Restrictions and Design Criteria: <i>Construction timing window; BMPs for local flooding, and stormwater controls required.</i>	C
18	22 and 33	<u>GOOSE LAKE</u> (38 acres; Public Ownership) (Scores: Hydrology = 88; Habitat = 120; Species Occurrence = 122; Social Function = 97) Documented high values for habitat, water quality and recreation. Minor park amenities could be permitted but shall be concentrated at north end of lake only. <i>Maintain 65-foot setback from Goose Lake outlet.</i> COE wetland delineation required.	A
18	22, 23 and 33	<u>SOUTH SIDE OF NORTHERN LIGHTS/BRAGAW, EAST OF GOOSE LAKE</u> (33.24 acres; Public Ownership) (Scores: Hydrology = 76; Habitat = 75; Species Occurrence = 17; Social Function = 74) <i>Maintain all drainageways and flow patterns in wetlands. <b>General Permit applicable.</b> GP Site Restrictions and Design Criteria: <i>Construction timing window; Wetland Delineation; identify surface water features; BMPs for local flooding and stormwater controls required. 65-foot setback required from channel outlet of Goose Lake, 25-foot setback from drainageways. A 15-foot transitional buffer shall be maintained between fill authorized under the GPs and adjacent "B" wetlands; and a 25-foot buffer from "C" authorized fills and adjacent "A" wetlands to the west. No development shall be authorized by the GPs east of the trail where the interface between areas designated B and C is closest to the trail. No fill shall be allowed to be placed under the GPs from April through June within 200-feet of the A-designated wetlands and within 50 feet of B-designated wetlands due to concern for nesting.</i></i>	C
18A	33	<u>MOSQUITO LAKE</u> (14.34 acres; Public Ownership) (Scores: Hydrology = 85; Habitat = 88; Species Occurrence = 67; Social Function = 76) <i>The lake itself and the "A" wetlands shall be preserved to the maximum extent possible. A 65-foot waterbody setback shall be maintained as a minimum around Mosquito Lake. Forested wetland lobes are classed as "C" wetlands: <b>General Permit applicable.</b> GP Site Restrictions and Design Criteria: <i>Construction timing window; required BMPs for local flooding, prevent the dewatering of adjacent wetlands, stormwater controls and visual screening requirements. A 25-foot transitional buffer shall be maintained between fill authorized under these GPs and adjacent "A" wetlands.</i></i>	A/C
18B	22, 23, 33 and 34	<u>NORTH SIDE PROVIDENCE, ALONG BRAGAW RIGHT-OF-WAY (MOSQUITO LAKE DRAINAGE BASIN)</u> (36.18 acres; Public Ownership) (Scores: Hydrology = 58; Habitat = 73; Species Occurrence = 12; Social Function = 64) Includes upper Mosquito Lake drainage. Area important hydrologically for Mosquito Lake. Site filters runoff from easterly sections to Mosquito Lake complex. Fringes could be developed but key drainageways shall be avoided. <i>Fill in "B" wetlands requires a 25-foot buffer from adjacent "A" wetlands; 25-foot setback for drainageways. Although identified and justified as developable in Goose Lake Plan; this site provides waterbird habitat in flooded westerly areas, which shall be maintained to the maximum extent possible.</i>	B

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18C	33	<u>CHESTER CREEK CORRIDOR: NORTHERN LIGHTS TO BRAGAW RD</u> (28.67 acres; Public & Private Ownership) (Scores: Hydrology = 95; Habitat = 86; Species Occurrence = 79; Social Function = 82) Direct connection to Chester Creek: provides high value functions for flood and stormwater attenuation, water quality and wildlife habitat. <i>Any proposed development and minor recreation amenities should be located outside the wetland corridor. 100-foot setback from Chester Creek required to maintain anadromous fish resources.</i>	A
18D	33	<u>WEST OF UAA DRIVE, SOUTH OF MALLARD ST., EAST OF CHESTER</u> (1.63 acres; Public Ownership) (Scores: Hydrology = 76; Habitat = 50; Species Occurrence = 48; Social Function = 41) <b>General Permit applicable.</b> GP Site Restrictions and Design Criteria: <i>Construction timing window; identify surface water features; BMPs for local flooding and stormwater controls required.</i> <i>A 25-foot transitional buffer shall be maintained between fill authorized under the GPs and adjacent "A" wetlands to the west.</i>	C
18E	33	<u>SOUTH OF CHESTER CREEK CORRIDOR NW OF EAST 40TH AVENUE AND DALE ST.</u> (1.13 acres; Public Ownership) (Scores: Hydrology = 95; Habitat = 79; Species Occurrence = 48; Social Function = 41) <i>Minimum 25-foot buffer shall be required from greenbelt "A" wetlands. Maintain drainageway connectivity to the Chester Creek corridor.</i> Values for flood and stormwater attenuation, water quality and recreation.	B
19	22	<u>NORTHWEST CORNER OF NORTHERN LIGHTS/BRAGAW, EAST OF NICHOLS ST.</u> (5.92 acres; Public Ownership) (Scores: Hydrology = 87; Habitat = 49; Species Occurrence = 24; Social Function = 67) Values for stormwater attenuation and water quality. <b>General Permit applicable.</b> GP Site Restrictions and Design Criteria: <i>Construction timing window; BMPs for local flooding and stormwater controls required. A 100-foot setback shall be maintained adjacent to Chester Creek due to its anadromous fish resources. A COE Jurisdictional Determination is required.</i>	C
20	22	<u>CHESTER CREEK PARK: NORTH OF NORTHERN LIGHTS BOULEVARD</u> (73.67 acres; Public Ownership) (Scores: Hydrology = 134; Habitat = 97; Species Occurrence = 61; Social Function = 80) Includes the middle and south branches of Chester Creek. Functions for water quality, flood and stormwater attenuation, open space and habitat. <i>"B" wetland development should be limited to northern and eastern portions of site. Drainage connections to the creek shall be maintained via avoidance or fill setbacks. Drainage channel crossing Northern Lights and extending across the southern portion of the eastern wetland, east of Goose Lake Drive shall be retained with a minimum 65-foot setback. The site's highest values are within the wet meadows associated with the south branch of Chester Creek. Both stream branches shall be maintained with a 100-foot setback to protect anadromous fish resources.</i>	A/B
21	21	<u>CHESTER CREEK PARK/GREENBELT: LAKE OTIS TO SEWARD HWY</u> (84.57 acres; Public Ownership) (Scores: Hydrology = 142; Habitat = 120; Species Occurrence = 106; Social Function = 89). Values for flood and stormwater attenuation, water quality and hydrologic recharge of Chester Creek. Filters runoff from Merrill Field area. Minor Park development may occur on outer wetland fringes. <i>Run-off from the snow dump site east of Sitka Street shall be treated before entering creek/wetlands.</i> There is enhancement and/or restoration potential for the North Fork of Chester Creek, which is currently in a roadside ditch along 15 <sup>th</sup> St. (Includes formerly designated "B," unit #21A).	A

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21B	21	<u>SOUTHWEST CORNER OF DEBARR &amp; LAKE OTIS</u> (1.94 acres; Private Ownership) (Scores: Not Assessed) Contains the North Fork of Chester Creek. Eligible for <b>General Permit</b> . GP Site Restrictions and Design Criteria: <i>Construction timing window; wetland delineation required; identify surface water features; BMPs for local flooding and stormwater controls required. Maintain a 100-foot setback from North Fork, Chester Creek to protect anadromous fish resources.</i>	C
22	20	<u>CHESTER CREEK GREENBELT: SEWARD HWY TO ARCTIC BLVD, 17TH TO 20TH</u> (8.07 acres; Public & Private Ownership) (Scores: Hydrology = 70; Habitat = 50; Species Occurrence = 18; Social Function = 48) (South side "A" area = Not Assessed) <i>Preserve the "A" wetlands along the stream corridor to the maximum extent possible. Maintain a 25-foot transitional buffer on outside margin of greenbelt. Stormwater drainage should be treated prior to discharge into the greenbelt. Maintain a 100-foot setback from Chester Creek due to its anadromous fish resources. COE Jurisdictional Determination required. "C" wetlands eligible for <b>General Permit</b>. GP Site Restrictions and Design Criteria: <i>Construction timing window; wetland delineation; BMPs for local flooding, and stormwater controls required.</i></i>	A/C
23	19	<u>WESTCHESTER LAGOON</u> (13.04 acres; Public Ownership) (Scores: Hydrology = 118; Habitat = 112; Species Occurrence = 147; Social Function = 103) Includes western Chester Creek greenbelt from Spenard Rd to Arctic Blvd. Documented high habitat, flood attenuation, recreation and water quality values. <i>Minor recreation amenities shall be permitted only if no other practicable alternatives exist on-site. <b>Preserved</b> wetlands in NW area of lagoon per COE permit #Fish Creek 6.</i>	A
24	18, 29, 30, 41, 42	<u>FISH CREEK CORRIDOR</u> (13.89 acres—Public and Private Ownership) (Scores: Hydrology = 89; Habitat = 79; Species Occurrence = 61; Social Function = 48). Sites are located from Spenard Rd north to the railroad stream crossing, just north of Northern Lights Blvd. Previous fill permit areas with protected setbacks shall be treated as "A" wetlands. Tract A-1 Turnagain Heights Subdivision is <b>preserved</b> by Conservation Easement. <i>Road crossings, trails and channel improvements should be permitted if no upland alternatives are available. Values for Fish Creek flood control, stormwater attenuation and water quality.</i> <b>Previously unmapped wetlands, now designated as "C,"</b> located within Woodland Park: 34 <sup>th</sup> to 36 <sup>th</sup> and McRae (0.4 acres; public ownership)(Scores: Hydrology = 74, Habitat = 60, Species Occurrence = 29, Social Function = 74); are eligible for the <b>General Permit</b> . Noted as site #U-3. GP Site Restrictions and Design Criteria: <i>Construction timing window; identify surface water features; BMPs for local flooding, dewatering of adjacent wetlands and stormwater controls required. Visual screening required.</i>	A/C
24	18	<u>FISH CREEK ESTUARY</u> (16.72 acres)(public ownership) (Scores: Hydrology = 118; Habitat = 108; Species Occurrence = 84; Social Function = 87). Includes section of stream from ARR crossing to mouth, south of the Coastal Trail; including some intertidal areas. This site is <b>preserved</b> under a Conservation Easement by the Great Land Trust. Values for stormwater and flood attenuation, water quality, fish and bird habitat, open space/aesthetics.	A
24A	41	<u>NORTHWOOD PARK</u> (8.6 acres; Public Ownership) (Scores: Hydrology = 113; Habitat = 111; Species Occurrence = 97; Social Function = 86). Includes Fish Creek corridor, east of park to Minnesota Drive. "A" wetlands within park lands; significant water quality, recharge and flood attenuation values. <i>All park developments shall be consistent with adopted park master plan.</i>	A

Site #	Map # (in the Anchorage Wetlands Atlas, 2008)	Management Strategies, Enforceable and Administrative Policies:	Designation or Classification
25	29	<p><u>MILKY WAY/BROADMOOR ESTATES COMPLEX</u> (18.39 acres Private Ownership) (Scores: Hydrology = 96; Habitat = 57, Species Occurrence = 47; Social Function = 51);            "C" wetlands: <b>General Permit applicable</b>. GP Site Restrictions and Design Criteria: <i>Construction timing window; Wetland Delineation; identify surface water features; BMPs for local flooding, dewatering of adjacent wetlands and stormwater controls required.</i>            32<sup>nd</sup> and Wisconsin St: Wet meadow at 32<sup>nd</sup> and McKenzie ROW requires REV 2 mitigation.            NE 42<sup>nd</sup> and Constellation Drive "B"; contains higher value habitat and wet meadows.            41<sup>st</sup> and Aero Dr ROW: <i>Any development in "C" wetlands must maintain cross-drainage to "A" and "B" wetlands.</i>            Southern end of site could be enhanced for habitat.            North of 40<sup>th</sup>, West of Andree Street: "C"; COE Jurisdictional Determination required.</p>	B/C
26A	17	<p><u>SOUTH SIDE NORTHERN LIGHTS: POSTMARK DRIVE TO EARTHQUAKE PARK</u> (0.57 acres; Public Ownership) (Scores: Hydrology = 57; Habitat = 80; Species Occurrence = 18; Social Function = 39)  <i>Maintain 65-foot setback from drainageway at the north end along Northern Lights Blvd; serves as outflow from main bog. COE Jurisdictional Determination required. Values for stormwater attenuation, water quality and habitat. Eligible for <b>General Permit</b>. GP Site Restrictions and Design Criteria: <i>Construction timing window; BMPs for local flooding, dewatering of adjacent wetlands and stormwater controls required.</i></i></p>	C
26A and 26B	16, 17, 27 and 28	<p><u>TURNAGAIN BOG PROPER</u> (286 acres; Public Ownership) (Scores: Hydrology = 149; Habitat = 190; Species Occurrence = 113; Social Function = 65)            Fill permit applications should be consistent with the land use designations and the alternatives analysis contained in the Anchorage International Airport (AIA) Master Plan and the West Anchorage District Plan (2011). Priority should be given to airport location-dependent enterprises. Development planning and permitting should fully consider other Municipal planning documents such as trails, roads, and drainage plans for the airport area.            "C" sites: <b>General Permit applicable</b>. GP Site Restrictions and Design Criteria: <i>Construction timing window; Wetland Delineation; identify surface water features; BMPs for local flooding, dewatering of adjacent wetlands and stormwater controls required. Maintain a 65-foot setback from all waterbodies. Maintain a 25-foot buffer from fill authorized by the GP and "A" wetlands, 15 feet from "B" wetlands.</i>            "A" and "B" sites: Projects that address airport safety issues and neighborhood-airport conflicts (e.g., noise impacts, clear-zone requirements), including minor road, trail, utility lines, should be permitted. <i>The main Turnagain Bog core contains patterned ground wetlands and should be maintained and buffered to the maximum extent possible permitted with uses per the AIA Master Plan.</i> Functions for groundwater recharge, water quality, stormwater attenuation and habitat.  <b>"P" site NW of Postmark Drive and Northern Lights Blvd requires a COE Jurisdictional Determination and wetland delineation.</b></p>	A/B/C/P

Site #	Map # (in the Anchorage Wetlands Atlas, 2008)	Management Strategies, Enforceable and Administrative Policies:	Designation or Classification
26C	17	<u>EARTHQUAKE PARK</u> (81.88 acres; Public Ownership—"A" Wetlands; Private Ownership—"C" Wetlands) (Scores: Hydrology = 106; Habitat = 105; Species Occurrence = 64; Social Function = 69) <i>Jones Creek corridor (surface flows) east of the main 26C site should be treated as an "A" wetland; requires COE wetland delineation. Minor recreation amenities and trails could be placed in "A" wetlands, but shall be at least 50 feet away from waterbodies. Platted wetlands at east end are classed as "C."</i> Park lands contain a wetlands mosaic and mixed habitats which are the higher values of this site. Conveys storm drain system from Northern Lights Boulevard. "C" wetlands are eligible for <b>General Permit</b> . GP Site Restrictions and Design Criteria: <i>Construction timing window; wetland delineation and identification of surface water features required; BMPs for local flooding and stormwater controls required.</i>	A/C
26C	16	<u>ALONG THE COASTAL TRAIL, NORTHEAST OF POSTMARK DRIVE/NORTHERN LIGHTS INTERSECTION</u> (1.77 acres; Public Ownership) (Scores: Hydrology = 47; Habitat = 41; Species Occurrence = 15; Social Function = 64) Values for stormwater attenuation, water quality. Any development projects shall maintain drainage through site. Eligible for <b>General Permit</b> . GP Site Restrictions and Design Criteria: <i>Construction timing window; BMPs for local flooding, and stormwater controls required. COE Jurisdictional Determination required.</i>	C
26D	27	<u>POSTMARK DRIVE WEST</u> (51 acres; Public Ownership) (Scores: Hydrology = 128; Habitat = 87; Species Occurrence = 67; Social Function = 73) Significant site due to both migratory and nesting bird habitat, stormwater treatment and attenuation values. Proximity to runways <i>requires off-site mitigation. All fill and excavation work in this wetland shall be conducted and scheduled in a manner to minimize disturbance to migratory birds to the maximum extent.</i>	A
26E	40, 41	<u>LAKE SPENARD</u> (Approximately 1.41 acres; Public Ownership) (Scores: Not Assessed) <i>Wetlands fringe shall be maintained with setbacks from the lake; recommended 25-foot minimum. Provides important filtering function for the lake's water quality control. Includes "D" undesignated wetlands SW of Lake Hood, at Enstrom Street and Aircraft Drive, north of Postmark Drive.</i> Values for stormwater attenuation, water quality and habitat.	A/D/Open Water
27	26	<u>ALONG BLUFF/COASTAL TRAIL, SOUTH OF POINT WORONZOF</u> (5.48 acres; Public Ownership) (Scores: Hydrology = 71; Habitat = 60; Species Occurrence = 23; Social Function = 33) Two primary drainageways shall be maintained with minimum 25-foot setbacks. COE Jurisdictional Determination required. <b>General Permit applicable</b> . GP Site Restrictions and Design Criteria: <i>Construction timing window; identify surface water features; BMPs for local flooding and stormwater controls required.</i>	C
28	50	<u>LITTLE CAMPBELL LAKE</u> (4.8 acres; Public Ownership) (Scores: Hydrology = 83; Habitat = 95; Species Occurrence = 89; Social Function = 74) Wetlands values for habitat and open space. <i>Park amenity development shall occur outside wetlands to the maximum extent.</i> Note: Site is owned by Airport however, land is used as park with Airport permits.	A
29	52	<u>SOUTH AIRPARK POND</u> (aka Sullivan Pond)(0.75 acres approx.; Public Ownership) (Scores: Not Assessed) <i>Lake and fringe wetlands shall be preserved to the maximum extent possible.</i> Site provides waterbird habitat and water quality functions.	A

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29A	52	<p><u>NORTHWEST AIR GUARD/RASPBERRY ROAD</u> (0.32 acres; Public Ownership) (Scores: Hydrology = 52; Habitat = 47; Species Occurrence = 18; Social Function = 18) COE Jurisdictional Determination required. Conveys seasonal flooding which drains east and across Air Guard Road to DeLong Lake drainage. <i>Drainage functions to lake shall be maintained.</i> Eligible for <b>General Permit</b>. GP Site Restrictions and Design Criteria: <i>Construction timing window; wetland delineation; BMPs for local flooding, dewatering of adjacent wetlands and stormwater controls required.</i> Consult with the Corps of Engineers regarding specific site restrictions and design criteria applicable to this site.</p>	C
30	40, 41 and 52	<p><u>DELONG LAKE/MEADOW LAKES</u> (40.51 acres; Public &amp; Private Ownership) (Scores: Hydrology = 119; Habitat = 122; Species Occurrence = 133; Social Function = 73) This lake system has important waterbird and fish habitat as recognized by the Alaska Department of Fish and Game (ADFG). The lake is stocked with Chinook Salmon, Rainbow Trout by ADFG. Airport expansions shall remain buffered from Meadow Lake and adjacent wetlands. <i>The drainageway in the easterly 35-foot of Lot 1 Block 2, Alderwood Subdivision shall remain undisturbed. Homeowner recreational amenities in "A" areas shall be limited to pile-supported structures.</i> Most of the south side wetlands are common areas or park reserve tracts. Wetlands are <b>preserved</b> by various mechanisms at the eastern and western ends of DeLong Lake: Tract A, A3, 35A, 35B, lots 1, 12 and 13a; reference plats #2001-142, 85-66 and 85-322, and COE permit #4-2000-0014. A COE Jurisdictional Determination required. "C" wetlands are eligible for a <b>General Permit</b>. GP Site Restrictions and Design Criteria: <i>Construction timing window; wetland delineation; BMPs for local flooding, dewatering of adjacent wetlands and stormwater controls required.</i> Consult with the Corps of Engineers regarding specific site restrictions and design criteria applicable to this site.</p>	A/C
31	41	<p><u>BENTZEN LAKE</u> (4.36 acres; Public Ownership) (Scores: Hydrology = 91; Habitat = 91; Species Occurrence = 73; Social Function = 64) Wetlands within park land are <b>preserved</b>. Values for habitat, flood and stormwater attenuation. <i>Should the provisionally adopted code (May, 2010, Title 21) be effective, a setback of 25 feet from the Lake would apply.</i></p>	A
31A	41 and 42	<p><u>NORTHWEST OF MINNESOTA/INTERNATIONAL: NORTHWOOD/VAN BUREN</u> (3 sites) (6.35 acres; Public and Private Ownership) (Scores: Hydrology = 69; Habitat = 43; Species Occurrence = 22; Social Function = 48) Functions for stormwater attenuation and water quality. SW International Airport Rd/Northwood: COE Jurisdictional Determination required. NE International Airport Rd/Northwood (Tract 5b): Northern half has a higher potential for enhancement. NW Minnesota/International Airport Road off-ramp: COE Jurisdictional Determination required. Could be further enhanced for stormwater treatment. This site is eligible for a <b>General Permit</b>. GP Site Restrictions and Design Criteria: <i>Construction timing window; wetland delineation; BMPs for local flooding, dewatering of adjacent wetlands and stormwater controls required.</i> Consult with the Corps of Engineers regarding specific site restrictions and design criteria applicable to this site.</p>	C

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32	42	<u>DELANEY LAKE</u> (3.2 acres; Public Ownership)(Scores: Hydrology = 116; Habitat = 89; Species Occurrence = 46; Social Function = 47) Moderate migratory bird habitat/some nesting. Within the Fish Creek watershed. Provides flood and stormwater attenuation and water quality control for Fish Creek. A strip of wetlands north of the railroad is <b>preserved</b> by permit #POA-2007-1711 and therefore, classed as "A."	A/B
33	42	<u>SOUTHEAST INTERSECTION OF MINNESOTA/INTERNATIONAL</u> (3.52 acres; Public Ownership) (Scores: Hydrology = 114; Habitat = 81; Species Occurrence = 24; Social Function = 48) Provides moderate open water habitat; actual nesting use limited. Site could be used for storm drainage retention/treatment. <i>Sufficient area shall be retained at west edge for storm drain storage and filtration.</i>	B
34 and 34B	41, 42, and 53	<u>CONNOR'S-STRAWBERRY BOG</u> (302.52 acres; Public & Private Ownership) (Scores: Assessed in two parts: Hydrology = 114, 98; Habitat = 138, 131; Species Occurrence = 98, 113; Social Function = 80, 49) Significant waterbird migratory and nesting habitat complex. <i>Future trails in wetlands shall be built on piles to the maximum extent. Municipally-leased airport lands in the northwest corner of the bog shall be managed to retain wetland functions and other values covered in lease terms restrictions. Municipal lands within Connor's-Strawberry bog shall be managed for open space, wildlife habitat, and wetlands functions. Minor road improvements could be constructed to minimize encroachment. Measures shall be taken to maintain natural drainage patterns and enhance or restore disturbed areas. Road upgrades should be designed to discharge treated road drainage into public lands in Connor's Lake recharge areas. Portions of parcels #012-053-01 and 012-051-75 within the Connor's Lake recharge zone have significant habitat functions which should be preserved; including Strawberry Lake and a 100 foot buffer around the Lake.</i> High waterbird use and aquifer recharge values. Majority of Connor's Bog lies within the Fish Creek watershed, whereas Strawberry Bog is within the Campbell Creek watershed.	A/Open Water
34A	54	<u>EAST OF INTERSTATE CIRCLE</u> (1.32 acres; Private Ownership) (Scores: Hydrology = 48; Habitat = 35; Species Occurrence = 24; Social Function = 33) NE of Interstate Circle and Ressel Ave. COE Jurisdictional Determination and wetland delineation is required. Values for stormwater detention and treatment. Eligible for <b>General Permit</b> . GP Site Restrictions and Design Criteria: <i>Construction timing window; wetland delineation; BMPs for local flooding, dewatering of adjacent wetlands and stormwater controls required.</i> Consult with the Corps of Engineers regarding specific site restrictions and design criteria applicable to this site.	C
34A	42 and 54	<u>BLUEBERRY LAKE</u> : 56 <sup>th</sup> to Raspberry Rd, Minnesota to Interstate Circle (Blueberry Lake: approx. 4.84 acres; Private Ownership; Scores: Hydrology = 99; Habitat = 98; Species Occurrence = 41; Social Function = 32). (Areas North and South of Lake: 10.3 acres; Public and Private Ownership; Scores: Hydrology = 83; Habitat = 53; Species Occurrence = 17; Social Function = 53) Values for stormwater attenuation, habitat and water quality. "A" wetlands include <i>Blueberry Lake proper with adjacent 100-foot buffer, preserved</i> by Conservation Easement; and the westernmost edge of Tract 4, International East Subdivision ( <b>preserved</b> by permit POA-2003-56). "B": Tract SW of Electron Drive and West Dowling ROW. Tract A-1, south of Blueberry Lake. "C" wetlands are <u>not</u> GP eligible. <i>A 15-foot buffer shall be required from fill authorized within "C" and "B" wetlands. A 25-foot buffer is required between fill authorized in "C" wetlands and "A" wetlands.</i>	A/B/C

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34C	54	<u>SOUTHEAST INTERSECTION OF MINNESOTA/RASPBERRY</u> (13.4 acres; Public Ownership) (Scores: Hydrology = 79; Habitat = 47; Species Occurrence = 18; Social Function = 63) Site has potential for habitat enhancement/flood storage/and as a mitigation site. <b>General Permit applicable.</b> GP Site Restrictions and Design Criteria: <i>Construction timing window; BMPs for local flooding and stormwater controls required.</i> Any development should address potential drainage impacts to adjacent homes.	C
34D	53	<u>IRIS SUBDIVISION (Raspberry Road/Connor's Bog)</u> (3.98 acres; Private Ownership) (Scores: Assessed with Site #34 Connor's/Strawberry Bog) Values for stormwater filtering/attenuation, and habitat. Majority of site should be retained as buffer to main Connor's Bog. <i>Any proposed fill should be limited to the roadside and westerly portions of Tract A or to drier portions of the site. If permitted: runoff shall be treated before entering bog, landscape screening shall be required between development and bog; any development shall include habitat enhancement in bog.</i> Portions may be suitable for a trade to preserve wetlands on site.	A
34E	53	<u>SE RASPBERRY AT TIMOTHY</u> (2 sites) (3.29 acres; Public Ownership) (Scores: Hydrology = 83; Habitat = 59; Species Occurrence = 57; Social Function = 59) Values for stormwater attenuation, water quality. COE Jurisdictional Determination required. Site has potential to leverage as a land trade to acquire higher value wetlands for preservation. <b>General Permit applicable.</b> GP Site Restrictions and Design Criteria: <i>Construction timing window; BMPs for local flooding and stormwater controls required. Under the GP, development within the wet meadow, in the eastern 125 feet of wetlands, requires REV 2 mitigation.</i>	C
34F	66 and 67	<u>SOUTH OF STRAWBERRY LAKE TO STRAWBERRY ROAD</u> (18.32 acres; Private Ownership) (Scores: Hydrology = 106; Habitat = 95; Species Occurrence = 50; Social Function = 49) "B" wetlands: includes an additional 200 feet south of the "A" wetland surrounding Strawberry Lake and west along the Section line. <i>A hydrologic analysis of "B" wetlands would indicate the importance of the 200-foot setback to the hydrology/habitat of Strawberry Lake and important areas to be avoided to the west.</i> "C" wetlands: remainder of bog southward from "B" to just south of Strawberry Road (3 additional sites at 80 <sup>th</sup> /Terrabonne Dr). <b>General Permit applicable.</b> GP Site Restrictions and Design Criteria: <i>Construction timing window; BMPs for local flooding, adjacent wetland dewatering and stormwater controls required. A 15-foot transitional buffer shall be maintained between fill authorized within "C" wetlands and adjacent "B" wetlands. Include measures to rehydrate bog to the north if practicable. Tract L, SW 80<sup>th</sup> and Strawberry Road, requires REV 2 mitigation.</i>	B/C
34G	53	<u>CONNOR'S BOG/64TH to 66<sup>th</sup> AVENUE</u> (9.73 acres; Private Ownership) (Scores: Hydrology = 88; Habitat = 75; Species Occurrence = 55; Social Function = 47) Tract A and adjacent parcels. Values for habitat and stormwater attenuation. Northerly and eastern portions are of higher value, similar to flooded areas in main Connor's Bog. <i>A visual buffer shall be established at the edge of any future fill and remaining unfilled sections to north and east. Provided there would be no impacts to private property, on-site treated storm water may be directed into the Connor's Bog wetlands.</i>	B

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35	53	RASPBERRY TO STRAWBERRY/NORTHWOOD TO JEWEL LAKE (3 sites) (11.5 acres; Private Ownership) (Scores: Hydrology = 87; Habitat = 62; Species Occurrence = 41; Social Function = 35) "B" wetlands designated in Gladys Wood Park. <i>Contains a pond and wetland fringe habitat which shall be retained via a 65-foot setback.</i> "C" wetlands located immediately east of Gladys Wood Elementary. COE Jurisdictional Determination required. <b>General Permit applicable.</b> GP Site Restrictions and Design Criteria: <i>Construction timing window; BMPs for local flooding and stormwater controls required.</i>	B/C
35A	53	73RD AND JEWEL LAKE (1.03 acres; Private Ownership) (Scores: Hydrology = 87; Habitat = 72; Species Occurrence = 53; Social Function = 40) COE Jurisdictional Determination required for both sites. "B" wetland: <i>Setbacks from pond required (25 feet) under previously issued Individual Permit: Jewel Lake 1.</i> Provides run-off and water quality control for Sand Lake. Pond habitat, water quality and drainage values shall be maintained via avoidance. "D" wetland: <i>pond should be retained to maximum extent possible. Potential for stormwater enhancement.</i>	B/D
36	66	HATHOR SUBDIVISION (5.76 acres; Public & Private Ownership) (Scores: Hydrology = 103; Habitat = 104; Species Occurrence = 29; Social Function = 42) "A" wetlands (Hathor Park): North and west of Kronos Drive, ponds shall be retained due to habitat, water quality, flood control and recreation values. "C" wetland (Eleusis Drive): Requires COE Jurisdictional Determination. May be eligible for a <b>General Permit.</b> GP Site Restrictions and Design Criteria: <i>Construction timing window; identify surface water features; BMPs for local flooding and stormwater controls required.</i>	A/C
36A	66	NW of BLACKBERRY AND WEST DIMOND BLVD (1.29 acres; Private Ownership) (Scores: Hydrology = 55; Habitat = 75; Species Occurrence = 18; Social Function = 39) Provides flood and stormwater attenuation, and water quality functions. Tributary to Campbell Lake. May provide connection between Sand Lake wetlands and Campbell Lake. COE Jurisdictional Determination and wetland delineation required. <b>General Permit applicable.</b> GP Site Restrictions and Design Criteria: <i>Construction timing window; identify surface water features; BMPs for local flooding and stormwater controls required.</i> <i>The drainageway shall be maintained: no fill shall be allowed within 65-feet of the main channel in order to protect the area's flood storage and water quality functions.</i>	C
36B	66	BIRCH LAKE (3.55 acres; Public & Private Ownership) (Scores: Hydrology = 80; Habitat = 93; Species Occurrence = 56; Social Function = 74) High values for stormwater attenuation and habitat. <i>Minor recreation amenities may be considered but shall be built on piles or at the fringes only. Avoid development in springs/seeps on western edge of wetlands, adjacent to Dewberry Rd.</i> COE Jurisdictional Determination required.	A

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37	52, 65	<p><u>SAND LAKE FRINGE WETLANDS</u> (2.95 acres Public and Private Ownership) (Scores: Hydrology = 138; Habitat = 170; Species Occurrence = 143, Social Function = 89) (Assessment included lake acreage) Includes fringe wetlands on Sand Lake, park land at east end of lake, and pond and drainage area SW of West 72nd Ave and Setter Drive. <i>Lakeside wetlands shall be avoided via setbacks of 25 feet. Pond and drainageway below West 72nd Avenue should be preserved for stormwater attenuation, water quality and habitat values.</i></p>	A
37A	65	<p><u>SAND, SUNDI, JEWEL LAKES</u> (67.18 acres; Public &amp; Private Ownership) (Scores: Hydrology = 86; Habitat = 92; Species Occurrence = 110; Social Function = 45) "A" wetlands designation for those lakeside wetlands around Sand, Sundi, the unnamed lake immediately east of Sundi Lake, and the wetland complex that connects these waterbodies including Jewel Lake. Fringe wetlands exist around Jewel Lake and are possible on all undeveloped portions of each lake; COE Jurisdictional Determination and wetland delineation is required. ADFG stocks Jewel Lake with Chinook Salmon and Rainbow Trout; Sand Lake contains Arctic Char, Grayling and Rainbow Trout. <b>Preserved</b> wetlands: Tract A, Mike Beirne Subdivision; Tracts A-1,2 Machenfeld Subdivision, Tract B-1A, Machenfeld Acres Subdivision. Reference plat 93-118. These wetlands are vital to water quality, water level maintenance and flood storage, as well as the habitat and open space functions of the lakes and canals. Field records and surveys show very high habitat and hydrological values. <i>Analysis of potential fill impacts on habitat and hydrology functions shall be required of applicant's proposing development. Fill projects shall not threaten viability of the lakes and adjacent preserved habitat.</i></p>	A
37B	65	<p><u>SOUTH SIDE SAND LAKE: NORTH OF CHARLOTTE CIRCLE, VICTORIA SUBDIVISION</u> (0.12 acres; Private Ownership) (Scores: Hydrology = 48; Habitat = 52; Species Occurrence = 11; Social Function = 48) A 25-foot transitional buffer shall be maintained from adjacent "A" wetlands. <i>Any development authorized must take measures to address potential dewatering of adjacent preserved "A" wetlands; i.e., use an impervious barrier at the margins of fill to preclude groundwater outmigration. Treated local storm water could be directed into wetlands provided it would not affect private property.</i></p>	B
37C	65	<p><u>ST. BENEDICT'S</u> (2.59 acres; Private Ownership) (Scores: Hydrology = 75; Habitat = 59; Species Occurrence = 68; Social Function = 44) Westernmost 150 feet includes key habitat and hydrology areas, with connection to adjacent preserved "A" wetland. Poned in spring; nesting use, significant species present. <i>A 200-foot transitional buffer shall be maintained from the "A" wetlands to protect habitat values of the "A" wetlands and the west end of this site. Any authorized development shall be visually screened from the setback along the "A" wetlands, and take measures to address potential dewatering of adjacent preserved "A" wetlands; i.e., use an impervious barrier at the margins of fill to preclude groundwater outmigration. Treated local storm water could be directed into wetlands provided it would not affect private property.</i></p>	B

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37E	52	<u>WEST 72ND AVENUE</u> (1.74 acres; Public Ownership) (Four sites) (Scores: Hydrology = 49; Habitat = 40; Species Occurrence = 18; Social Function = 47) Northern and eastern sites are natural depressional wetlands. Additional small wetland pools and depressions are scattered in this parcel: requires COE Jurisdictional Determination. <b>General Permit applicable.</b> GP Site Restrictions and Design Criteria: <i>Construction timing window; identify surface water features; BMPs for local flooding and stormwater controls required.</i> <i>NE 72<sup>nd</sup> and Bailey Street: pond requires 65-foot setback.</i>	C
38	43, 44, 55, 66, 67, 68, 75	<u>CAMPBELL CREEK GREENBELT</u> (162.94 acres = Greenbelt areas; Public Ownership) (Scores: Hydrology = 140; Habitat = 112; Species Occurrence = 102; Social Function = 54) Municipal Greenbelt from Lake Otis Parkway west to stream's entry at Campbell Lake. Important for fish habitat, flood and stormwater attenuation, water quality and recreation. <i>Development of public park amenities should be placed as far from creek as possible and shall avoid wetlands to the maximum extent.</i>	A
38	74	<u>CAMPBELL CREEK ESTUARY</u> (8 acres; Private Ownership)( Scores: Not Assessed) Parcel #01124159 <b>preserved</b> by Conservation Easement under Great Land Trust. Values for flood attenuation, water quality, fish and bird habitat and open space/aesthetics. Acreage is largely tidal influenced wetlands.	A
38	68	<u>TAKU LAKE</u> (1.07 acres; Public Ownership) (Scores: Not Assessed) Development of Park amenities could occur but, must maintain drainageway at south end of lake. <i>Minimum setbacks of 65-feet shall be required from lake shore.</i> Provides flood and stormwater attenuation and habitat values. ADFG stocks the lake with Chinook Salmon and Rainbow Trout.	A
38A	44	<u>INTERNATIONAL: CAMPBELL CREEK, EAST AND WEST OF HIGHWAY</u> (3.6 acres; Private Ownership) (Scores assessed in two parts: Hydrology = 86, 63; Habitat = 50, 34; Species Occurrence = 18, 18; Social Function = 45, 46) Values for flood and stormwater attenuation, habitat and recreation. <b>General Permit applicable.</b> GP Site Restrictions and Design Criteria: <i>Construction timing window; BMPs for local flooding and stormwater controls required.</i> <i>East of Seward Hwy/North of Alpenhorn to "A" wetlands boundary: 25-foot buffer from "A" wetlands required.</i> <i>West of Seward Hwy/North of Juneau St: 100-foot setback from Campbell Creek. 25-foot buffer from "A" wetlands.</i>	C
38B	55	<u>WEST of OLD SEWARD HIGHWAY, 64TH AVE TO Sylvan Dr.</u> (2.67 acres; Private Ownership) (Scores: Hydrology = 80; Habitat = 63; Species Occurrence = 26; Social Function = 35) SE 64 <sup>th</sup> /Hampsted St. Ponds formerly designated "C"; now <b>preserved</b> by COE permit #4-940144/plat #94-113. Ponds have water quality, stormwater attenuation and wildlife habitat values. Potential for habitat enhancement. <i>Eastern one-third of site and ponds shall be retained and enhanced with 65-foot setbacks.</i> Cluster development could occur on western and southern fringes with buffering from ponds.	A

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38B	55	<p>WEST of TAKU ELEMENTARY Campbell Green, Tract 31 (NW 72<sup>nd</sup>/Michelin St): (1.8 acres; Private Ownership) (Scores: Hydrology = 81; Habitat = 66; Species Occurrence = 24; Social Function = 59) Values for flood and stormwater attenuation, habitat and recreation.</p> <p>"A" wetlands: A 25-foot buffer shall be maintained from "A" wetland/greenbelt and is <b>preserved</b> (permit # Campbell Creek 00-B).</p> <p><b>General Permit applicable.</b> GP Site Restrictions and Design Criteria: <i>Construction timing window; BMPs for local flooding and stormwater controls required.</i></p>	A/C
38C	55	<p>ALONG C STREET: DOWLING TO 76TH AVENUE (14.06 acres; Public &amp; Private Ownership) (Scores: Hydrology = 85; Habitat = 88; Species Occurrence = 28; Social Function = 49)</p> <p>"A" wetlands include C Street ROW, east side from Raspberry south to 72<sup>nd</sup> and the pond at NE 72<sup>nd</sup> and Hart, which is permit <b>preserved</b> (#POA-2007-1078-4). Nesting waterbirds present. Area has drainage problems. <i>In Tract 3B, North of 68<sup>th</sup>, west of Campbell Creek Greenbelt, the seasonal drainage pattern (west to east toward Campbell Creek) shall be maintained by avoiding seasonal surface flow low points. Area has permanent and seasonal ponds.</i></p> <p>"C" wetlands <b>eligible for General Permit</b> includes two sites north of 68<sup>th</sup> between C St and greenbelt. GP Site Restrictions and Design Criteria: <i>Construction Timing Window; identify Surface Water Features, BMPs to prevent Local Flooding and address Stormwater Functions.</i></p>	A/C
38D	74,75	<p>CAMPBELL LAKE (0.75 acres; Public &amp; Private Ownership) (Scores: Hydrology = 98; Habitat = 77; Species Occurrence = 78; Social Function = 41)</p> <p>Includes lakeshore wetlands. High values for waterbirds and fish habitat, stormwater and flood attenuation, and water quality. <i>Preserve remaining fringe wetlands to the maximum extent possible.</i> Bio-engineered shoreline protection methods preferred. COE Jurisdictional Determination and delineation required.</p>	A
39	43 and 55	<p>TINA LAKE (5.31 acres; Public &amp; Private Ownership) (Scores: Hydrology = 135; Habitat = 93; Species Occurrence = 73; Social Function = 36)</p> <p>Values for stormwater retention/filtering and habitat; significant species use. Remaining wetlands have direct connection to lake's hydrology values. <i>Minor fill could occur on outer fringes of wetland. Construction shall not occur during waterfowl breeding season (April-July). Fill edges shall include visual landscaped buffer.</i> Wetlands require delineation for updated mapping. Long-term preservation goals should include acquisition.</p>	A

Site #	Map # (in the Anchorage Wetlands Atlas, 2008)	Management Strategies, Enforceable and Administrative Policies:	Designation or Classification
40, 40A	43	<p><b>BUSINESS PARK</b> (Public Ownership—"A" wetland site; &amp; Private Ownership)  <b>West Side of Business Park Boulevard.</b> (8.46 acres) (Scores: Hydrology = 112; Habitat = 67; Species Occurrence = 94; Social Function = 65)  Wetlands are <b>Preserved</b> by Conservation Easement; Business Park Wetlands Coalition. Values for hydrology, stormwater and flood attenuation, water quality, habitat for nesting birds. Enhancement/mitigation potential. Adjacent snow dump creates potential water quality issues.  <b>East Side of Business Park Boulevard</b> (approximately 1.45 acres) (Scores: Hydrology = 94; Habitat = 59; Species Occurrence = 71; Social Function = 49)  Pond and stormwater filtration wetlands in Lot 2A on west side Business Park Blvd are <b>preserved</b> by permit #POA-2006-1215-4 (plat# 2008-113). Values for hydrology, stormwater and flood attenuation, water quality habitat for nesting birds. <i>Maintain existing wetland values to the maximum extent possible.</i></p>	A
40B	43	<p>C STREET to CORDOVA, 46<sup>th</sup> to 51<sup>st</sup> St. (13.18 acres; Private Ownership) (Scores: Hydrology = 86; Habitat = 50; Species Occurrence = 18; Social Function = 40)  COE Jurisdictional Determination and wetland delineation required. Pond located in 46<sup>th</sup> ROW could be used for stormwater treatment. <b>General Permit applicable.</b> GP Site Restrictions and Design Criteria: <i>Construction timing window; identify surface water features; BMPs for local flooding and stormwater controls required.</i></p>	C
41	31	<p>A STREET TO C STREET/36<sup>TH</sup> TO 40<sup>TH</sup> (1.02 acres; Public Ownership) (Scores: Hydrology = 68; Habitat = 36; Species Occurrence = 18; Social Function = 46)  <b>General Permit applicable.</b> GP Site Restrictions and Design Criteria: <i>Construction timing window; BMPs for local flooding and stormwater controls required. Any development must not adversely affect AWWU well at 40<sup>th</sup>/Barrow. Development shall direct storm water through appropriate treatment prior to entrance into storm drain as it leads directly into Fish Creek.</i> COE Jurisdictional Determination required.</p>	C
41	31	<p><b>WETLANDS SOUTH OF LOUSSAC LIBRARY</b> (0.39 acres; Public Ownership) (Scores: Hydrology = 79; Habitat = 63; Species Occurrence = 54; Social Function = 60)  Values for habitat: moderate waterfowl use/nesting; stormwater and flood attenuation and water quality. Poned areas artificially created and water levels may be supplemented. <b>General Permit applicable.</b> GP Site Restrictions and Design Criteria: <i>Construction timing window; BMPs for local flooding and stormwater controls required. A 65-foot setback shall apply around the permanent pond. Any development must not adversely affect AWWU well at 40<sup>th</sup>/Barrow.</i> COE Jurisdictional Determination required.</p>	C
41	31	<p>A STREET TO FAIRBANKS: 40<sup>TH</sup> TO TUDOR ROAD (7.71 acres; Private Ownership) (Scores: Hydrology = 99; Habitat = 70; Species Occurrence = 60; Social Function = 40)  <b>General Permit applicable.</b> GP Site Restrictions and Design Criteria: <i>Construction timing window; identify surface water features; BMPs for local flooding and stormwater controls required. Development shall direct storm water through appropriate treatment prior to entrance into storm drain as it leads directly into Fish Creek. Could serve as storm drain treatment/collection site. Any development must not adversely affect AWWU well at 40<sup>th</sup>/Barrow.</i> COE Jurisdictional Determination required. SW 40<sup>th</sup> and Denali Street site: remaining wetlands are <b>preserved</b> by permit #Fish Creek 04-C.</p>	A/C

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42	32	<p><u>NE NEW SEWARD HIGHWAY/TUDOR ROAD</u> (7.51 acres; Private Ownership) (Scores: Hydrology = 105; Habitat = 85; Species Occurrence = 28; Social Function = 54)</p> <p>"A" wetlands: Tract B1A and lots north of Eau Claire and Grape Streets are <b>preserved</b> by Conservation Easement (McDowell Sanctuary). Ponds provide high species use and habitat diversity; values for stormwater attenuation and water quality.</p> <p>"B" wetlands values for stormwater attenuation and water quality. Further enhancement could be performed such as filling the outlet ditch to retain wetland characteristics.</p>	A/B
43	32	<p><u>LAKE OTIS</u> (8.21 acres; Public &amp; Private Ownership) (Scores: Hydrology = 109; Habitat = 96; Species Occurrence = 96; Social Function = 80)</p> <p>Wetland fringe important for lake water quality, wildlife habitat and open space values. <i>Park improvements shall be developed at wetland fringes and on pilings whenever practicable. Future modifications to the lake water level control structure should be reviewed to preclude any dewatering impacts on wetlands. A minimum 65-foot setback shall be maintained from lake for all new structures.</i> ADFG stocks Jewel Lake with Rainbow Trout.</p>	A
43A	32	<p><u>SE MACINNES and 36<sup>th</sup> Street</u> (0.53 acres; ROW, Park) (2011 Scores: Hydrology = 94; Habitat = 51; Species Occurrence = 15; Social Function = 78)</p> <p>Park lands; ponded with robust emergent vegetation. Values for stormwater attenuation, limited for habitat.</p>	B
44	32	<p><u>LAKE OTIS/TUDOR ROAD, FISH CREEK HEADWATERS</u> (3.44 acres; Private Ownership) (Scores: Hydrology = 93; Habitat = 98; Species Occurrence = 52; Social Function = 78)</p> <p>Only open channel within headwaters area of Fish Creek. Values for habitat, water quality, stormwater and flood attenuation. Majority of northern tract wetland is <b>preserved</b> as designated park; southern tract was retained as on-site mitigation for a previously permitted project. <i>Retain remaining wetlands to the maximum extent; reference COE permit # Fish Creek 6.</i></p>	A
45	44	<p><u>WALDRON DRIVE WETLANDS</u> (15.56 acres; Private Ownership) (Scores: Hydrology = 110; Habitat = 85; Species Occurrence = 61; Social Function = 53)</p> <p>Waldron Pond within St Mary's Greatland Subdivision, Tract B is <b>preserved</b> by a Conservation Easement. <i>A minimum 85-foot setback shall be maintained from Fish Creek headwaters.</i> Southern fringe could be developed; maintain wet meadow core. On-site drainage treatment shall be included in any new development. Intention is to preserve the core values: stormwater and flood attenuation, water quality and habitat. ADFG stocks the pond with Rainbow Trout.</p>	B
46	43	<p><u>WEST OF OLD SEWARD HIGHWAY: EAST 57<sup>th</sup> TO DOWLING</u> (2.52 acres; Private Ownership) (Scores: Hydrology = 63; Habitat = 34; Species Occurrence = 18; Social Function = 46)</p> <p><b>General Permit applicable.</b> GP Site Restrictions and Design Criteria: <i>Construction timing window; identify surface water features; BMPs for local flooding and stormwater controls required.</i></p> <p>Values for stormwater filtering and attenuation prior to entering Campbell Creek. Previously unmapped wetland at SW 56<sup>th</sup> and Denali St. assessed as "C"; not eligible for a General Permit. COE Jurisdictional Determination and wetland delineation required.</p>	C

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46	44	<p>55<sup>TH</sup> TO DOWLING: SEWARD HIGHWAY TO LAKE OTIS (11.41 acres; Private Ownership) (Scores: Hydrology = 87; Habitat = 52; Species Occurrence = 42; Social Function = 12)            Values for stormwater filtering and attenuation. Site could be used for stormwater treatment; receives runoff from snow dumps. <b>General Permit applicable.</b> GP Site Restrictions and Design Criteria: <i>Construction timing window; identify local surface water features; BMPs for local flooding and stormwater controls required.</i> COE Jurisdictional Determination required.</p>	C
46	44	<p>NORTHWEST INTERSECTION OF DOWLING/SEWARD HIGHWAY (9.74 acres; Private Ownership) (Scores: Hydrology = 106; Habitat = 50; Species Occurrence = 18; Social Function = 39)            Values for stormwater filtering and attenuation. Site could be used for stormwater treatment/habitat enhancement. COE Jurisdictional Determination required. Remaining wetlands on parcel #00928401 are permit <b>preserved</b> #POA-2005-510-4 and designated "A." Remaining "C" wetlands may be <b>eligible for a General Permit.</b> GP Site Restrictions and Design Criteria: <i>Construction timing window; identify local surface water features; BMPs for local flooding and stormwater controls required.</i></p>	A/C
47	45	<p>TUDOR DOG TRACK (TOZIER TRACK)(1.72 acres; Public Ownership) (Scores: Not Assessed)  <b>General Permit applicable.</b> GP Site Restrictions and Design Criteria: <i>Construction timing window; BMPs for local flooding and stormwater controls required. A 25-foot transitional buffer shall be maintained between any fill permitted under the GPs and adjacent "A" wetlands.</i>  <b>Previously unmapped wetlands located at SW Tudor and Elmore Roads</b> (0.66 acres, Public Ownership)(Scores: Hydrology = 77, Habitat = 68, Species Occurrence = 8, Social Function = 26); now designated as "C" are <b>General Permit applicable.</b> Under GP noted as site #U-6. GP Site Restrictions and Design Criteria: <i>Construction timing window; identify surface water features; BMPs for local flooding, dewatering of adjacent wetlands and stormwater controls required.</i></p>	C
47	45	<p>EAST SIDE OF LAKE OTIS AT 52<sup>ND</sup> AVENUE AND EAST OF LAUREN CREEK SUBDIVISION (9.10 acres; Private Ownership) (Scores assessed in two parts: Hydrology = 80, 47; Habitat = 64, 30; Species Occurrence = 18, 18; Social Function = 53, 54)            "A" wetlands: Northern strip of wetlands along Sunchase Condos and eastern wetlands strip at Lauren Creek Condos are <b>preserved</b>; not GP eligible; reference plat #2003-41.            "C" wetlands: NE 52<sup>nd</sup>/Lake Otis: <b>General Permit applicable.</b> GP Site Restrictions and Design Criteria: <i>Construction timing window; BMPs for local flooding and stormwater controls required. Fill within Tract C1C wetlands requires 25-foot buffer from adjacent "A" wetlands. Northern section currently drains south to north at Folker Street right-of-way.</i></p>	A/C

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48	45, 46, 47, 48, 57, 59, 60	<p><u>CAMPBELL TRACT: NORTH and SOUTH FORKS CAMPBELL CREEK</u> (1084 acres; Public Ownership) (Scores: Hydrology = 126; Habitat = 156; Species Occurrence = 137; Social Function = 52) <u>SOUTH OF TUDOR/MULDOON CURVE</u> (390.06 acres; Public Ownership) (Scores: Hydrology = 113; Habitat = 99; Species Occurrence = 24; Social Function = 59)</p> <p>Roughly east of Lake Otis to west of Stuckagain Heights Subdivision. North and east of Section 3. Wetlands in watershed have high values for stormwater and flood attenuation, water quality, habitat, open space and recreation values; directly linked to Campbell Creek hydrologic regime. <i>Basher Lake wetlands shall be preserved because of high hydrology and habitat values; hydrologically connected to the north via seasonal channel and groundwater (Hogan and Tande). Minor Park development allowed if consistent with Bicentennial Park Master Plan. Any activity shall avoid/minimize disturbance to surface water connections to Campbell Creek, Basher Lake and its tributaries. Trails in wetlands shall be set back at least 100 feet from Campbell Creek/tributaries except where crossing is necessary. Utilities and roads shall be placed in the least sensitive wildlife habitat areas. Impervious dikes or equivalent measures shall be used to avoid draining wetlands.</i></p> <p><b>Preserved</b> wetlands: Wetlands lobe located south of Tudor Rd at Reflection Drive contains a branch of Chester Creek; preserved by a conservation easement. Wetland parcels to the NE and SW of Dowling and Elmore Roads are preserved by conservation easement (parcels # 00816103 and 01493101).</p>	A
48 (includes former #48A)	71, 72, 73	<p><u>NORTH OF SERVICE HIGH SCHOOL: SW BLM TRACT, EAST OF ELMORE ROAD TO HILLSIDE PARK</u> (280 acres; Public Ownership; BLM Tract) (Scores: Hydrology = 117; Habitat = 150; Species Occurrence = 48; Social Function = 69) (4 acres; Public Ownership; 2 sites in Hillside Park) (Scores: Hydrology = 78; Habitat = 65; Species Occurrence = 28; Social Function = 56) (80 acres; Public Ownership; NW of Service HS) (Scores: Hydrology = 84; Habitat = 124; Species Occurrence = 29; Social Function = 59)</p> <p>Includes North Fork Little Campbell Creek and its tributaries. Values for water quality, storage, recharge and habitat. Sahalee Subdivision, Lots 40-42 <b>preserved</b> eastern 50 feet (permit #Campbell Creek 99-B). <i>Wetlands within Far North Bicentennial Park shall be preserved with minor park/recreational improvements allowed, but limited to non-fill activities if practicable. Waterways leading into the "A" wetlands shall be maintained. Maintain a 100-foot setback from anadromous fish bearing waterbodies; allow cross-drainage between wetlands.</i></p> <p>"B" site NE of Service H.S. requires COE Jurisdictional Determination.</p>	A/B
48B	48	<p><u>SOUTHEAST MULDOON AND TUDOR AT KLUTINA DRIVE</u> (2.71 acres; Public Ownership) (Scores: Hydrology = 61; Habitat = 47; Species Occurrence = 18; Social Function = 44)</p> <p>Values for stormwater and flood attenuation. <i>Maintain drainageway to north, into Chester Creek. <b>General Permit applicable.</b> GP Site Restrictions and Design Criteria: Construction timing window; identify surface water features; BMPs for local flooding and stormwater controls required.</i></p>	C

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49 East	46, 47	<p><u>DR. MARTIN LUTHER KING DRIVE: TUDOR CENTER DRIVE TO BONIFACE DR.</u> (26.5 acres; Public Ownership) (Scores: Hydrology = 66; Habitat = 57; Species Occurrence = 24; Social Function = 42) Values for stormwater and flood attenuation, habitat and open space/aesthetics. May serve to filter run-off before entering Campbell Creek; <i>local drainage pathways shall be maintained.</i> Reference Tudor Road PLI Plan for recommended land use.</p> <p>“A” wetlands <b>preserved</b>; designated as Conservation Easement parcels along Dr. Martin Luther King Jr. Drive. Reference COE permits POA-2004-281-4, POA-2006-263; parcels #00722102, 0810110, 00811107. Small “C” wetland south of ADOT/PF building requires COE Jurisdictional Determination. <b>General Permit applicable.</b> GP Site Restrictions and Design Criteria: <i>Construction timing window; BMPs for local flooding and stormwater controls required.</i></p>	A/B/C
49 West	46	<p><u>DR. MARTIN LUTHER KING DRIVE: ELMORE RD TO TUDOR CENTER DRIVE</u> (44.3 acres; Public Ownership) (Scores: Hydrology = 90; Habitat = 70; Species Occurrence = 24; Social Function = 56) Much of these wetlands designated as good/excellent suitability zones in Tudor Road PLI Plan. <i>All sites maintain a 100-foot setback from the north bank of Campbell Creek.</i></p> <p>“A” wetlands <b>preserved</b>; designated for Conservation Easement parcel #00812107, along Dr. Martin Luther King Jr. Drive. Reference COE permits Campbell Creek 75 and Furrow Creek 2. “C” wetland <b>General Permit applicable.</b> GP Site Restrictions and Design Criteria: <i>Construction timing window; BMPs for local flooding and stormwater controls required. 15-foot setback from “B” wetland required.</i></p>	A/B/C
49A	36	<p><u>TUDOR/MULDOON CURVE</u> (2.58 acres; Public &amp; Private Ownership) (Scores: Hydrology = 100; Habitat = 94; Species Occurrence = 49; Social Function = 38) Values for stormwater attenuation, water quality and open space/aesthetics. Importance for local roadway drainage/water quality. Scenic Park View Subdivision remaining wetlands are <b>preserved</b> by permit #POA-1997-824.</p>	A
50	17a, 61	<p><u>STUCKAGAIN CREEK; HEADWATERS POND</u> (6.64 acres; Private Ownership) (Scores: Hydrology = 73; Habitat = 77; Species Occurrence = 22; Social Function = 21) Pond constitutes stream headwaters. Pond area subdivided into open space tract. <i>A minimum 85-foot setback shall be maintained from pond and stream (where wetlands adjacent.).</i> Values for stormwater and flood attenuation, water quality and wildlife habitat. Pond is <b>preserved</b> by plat #2010-39 and COE permit #Bog Lake 2.</p>	A/B
50	17a, 61	<p><u>STUCKAGAIN: SOUTH OF MIDDEN WAY</u> (0.13 acres; Private Ownership) (Scores: Hydrology = 64; Habitat = 45; Species Occurrence = 18; Social Function = 29) Unique local site. <i>Lot development shall be consistent with large-lot zoning to preclude extensive fill coverage. Local drainage patterns shall be maintained around the sinkhole.</i> COE Jurisdictional Determination required. “C” wetlands are <b>General Permit applicable.</b> GP Site Restrictions and Design Criteria: <i>Construction timing window; BMPs for local flooding and stormwater controls required.</i> “D,” <a href="#">previously unmapped wetlands located at east end of Tulugak Circle.</a></p>	C/D

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50	16a	<p>CAMPBELL CANYON / NEAR POINT (15.28 acres; Private Ownership)( Scores: Hydrology =89; Habitat =95 ; Species Occurrence =21; Social Function =45)</p> <p><b>Preserved</b> under The Conservation Fund; intention to add to Chugach State Park inventory. Headwater streams and springs on slope discharge wetlands. Values for flood attenuation, water quality and habitat. <i>Protect streams with an 85-foot setback; drainageways minimum 25-foot setback.</i></p>	A
51	57 and 70	<p>LITTLE CAMPBELL CREEK: 66<sup>TH</sup> AVENUE TO 84<sup>TH</sup>/LAKE OTIS TO ELMORE RD (30.35 acres; Private Ownership) (Scores: Hydrology = 127; Habitat = 107; Species Occurrence = 69; Social Function = 50)</p> <p>Includes wetlands containing Little Campbell Creek. Values for stormwater and flood attenuation, water quality, habitat and open space/aesthetics.</p> <p>“C” sites are <b>General Permit applicable</b>. GP Site Restrictions and Design Criteria: <i>Construction timing window; identify surface water features; BMPs for local flooding and stormwater controls required.</i></p> <p><i>Setback areas shall be treated as “A” wetlands: A 100-foot setback shall be maintained along Little Campbell Creek to maintain its anadromous fish resources and its flood storage/hydrology functions.</i></p> <p><b>Preserved</b> parcels mapped as “A” wetlands: Crowberry Tract A; SW 68<sup>th</sup> and Lewis St; Pebblebrook, Tract A, A-2; Essex Square Subdivision, Tract H; Turinsky Park; Worst Subdivision; Lots 1 and 2, Wimbledon Park; Tract A, SE Lake Otis/72<sup>nd</sup>; reference plat 2003-40 and COE/MOA permit Little Campbell Creek 00-B.</p>	A/C
51A	70	<p>CANDYWINE CIRCLE (2.82 acres; Private Ownership) (Scores: Hydrology = 102; Habitat = 88; Species Occurrence = 49; Social Function = 40)</p> <p>Includes North Branch, South Fork of Little Campbell Creek. Important for flood storage, water quality maintenance; possible fish use. <i>Entire floodplain area shall be included in setback; additional setbacks/requirements to be determined in permit process, with minimum of 100 feet of setback required. Setback area shall be treated as “A” wetlands. Additional wetland delineation required.</i> “B” wetlands are outside of the stream setback.</p>	A/B
52	57 and 70	<p>66<sup>TH</sup> AVENUE TO 84<sup>TH</sup>/LAKE OTIS TO ELMORE RD (14.94 acres; Private Ownership) (Scores: Hydrology = 118; Habitat = 63; Species Occurrence = 44; Social Function = 40)</p> <p><i>Wetlands require a 100-foot setback along all forks of Little Campbell Creek due to anadromous fish resources; shall be treated as “A.”</i> Values for flood and stormwater attenuation, water quality, habitat. “C” wetlands are <b>General Permit applicable</b>. GP Site Restrictions and Design Criteria: <i>Construction timing window; identify surface water features; BMPs for local flooding and stormwater controls required.</i></p>	A/C
53	57	<p>TIFFANY TERRACE TO BABY BEAR DRIVE/64<sup>TH</sup> TO 68<sup>TH</sup> (2.77 acres; Private Ownership) (Scores: Hydrology = 87; Habitat = 80; Species Occurrence = 48; Social Function = 43)</p> <p>Pebblebrook Subdivision: “A” designation applies to remaining wetland which is <b>preserved</b> by permit/plat #87-70 and #95-2. <i>A 100-foot setback shall be maintained along channels of Little Campbell Creek to protect anadromous fish resources.</i> Values for flood and stormwater attenuation, water quality and habitat.</p>	A

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54	56 and 57	SOUTH OF DOWLING AT LAUREL ST (2.44 acres; Private Ownership) (Scores: Hydrology = 66; Habitat = 58; Species Occurrence = 18; Social Function = 49) "A" wetlands: remaining wetlands in Tracts A1 and A2 Spruce Meadows Subdivision are <b>preserved</b> by permit #Campbell Creek 80 (#1998-0917), and plats #99-123, 2001-13, COE Jurisdictional Determination required. Potential for stormwater treatment. <b>General Permit applicable.</b> GP Site Restrictions and Design Criteria: <i>Construction timing window; BMPs for local flooding and stormwater controls required.</i>	A/C
55, 56 and 57	56	DOWLING RD TO LORE RD/SEWARD HWY TO LAKE OTIS (24.36 acres; Private Ownership) (Scores: Hydrology = 117; Habitat = 86; Species Occurrence = 24; Social Function = 54) COE Jurisdictional Determination required. Potential for stormwater treatment. "A" wetlands: located within 100-foot setback of Little Campbell Creek. NE 64 <sup>th</sup> and Ashwood (south of Polaris School) wetland is <b>preserved</b> by General Permit #Little Campbell Creek 98-T. "B" wetlands: sites adjacent to Little Campbell Creek at O'Brien Street, Galatea Estates Subdivision and 64 <sup>th</sup> & Burlwood St. Values for water quality, flood and stormwater attenuation; <i>development could occur on outer fringes. Maintain direct hydrologic connection to stream. A 100-foot setback shall be maintained along channels of Little Campbell Creek in order to maintain anadromous fish resources as well as water quality and flood storage functions.</i> "C" sites are eligible for a <b>General Permit.</b> GP Site Restrictions and Design Criteria: <i>Construction timing window; Wetland Delineation; identify surface water features; BMPs to address local flooding and stormwater controls required. 100-foot setback from Little Campbell Creek and inactive channels.</i> <b>Previously unmapped wetlands at SE 69<sup>th</sup> and Rosewood St.</b> (3.38 acres; private ownership)(Scores: Hydrology = 96, Habitat = 52, Species Occurrence = 34, Social Function = 47) now designated as "C" are eligible for a <b>General Permit.</b> Noted as site #U-7. GP Site Restrictions and Design Criteria: <i>Construction timing window; identify surface water features; BMPs to address local flooding and stormwater controls required. 100-foot setback from Little Campbell Creek and inactive channels.</i>	A/B/C
58	69	LORE ROAD TO 82 <sup>ND</sup> AVENUE: SEWARD HIGHWAY TO LAKE OTIS (2.06 acres; Private Ownership) (Scores: Hydrology = 76; Habitat = 65; Species Occurrence = 37; Social Function = 21) <i>Maintain all drainage corridors to Little Campbell Creek. Pond at NE 79<sup>th</sup> and Petersburg requires a 65-foot setback.</i> Values for stormwater and flood attenuation, water quality, limited habitat. "C" wetlands at SW Lore Rd/Hartzell (except ponded areas): <b>General Permit applicable.</b> GP Site Restrictions and Design Criteria include: <i>Construction timing window; identify surface water features; BMPs for local flooding and stormwater controls required.</i>	B/C
58A	69	HARTZELL/DIMOND INTERSECTION (0.68 acres; Private Ownership) (Scores: Hydrology = 97; Habitat = 80; Species Occurrence = 38; Social Function = 36) Direct connection to south fork of Little Campbell Creek. Flow from springs/pond within floodplain. Flood storage/recharge functions; values for fish rearing habitat. <i>Integrity of springs/tributary shall be retained with minimum 100-foot setback to protect anadromous fish.</i>	A

Site #	Map # (in the Anchorage Wetlands Atlas, 2008)	Management Strategies, Enforceable and Administrative Policies:	Designation or Classification
58B	69	<p><u>SOUTHEAST INTERSECTION: DIMOND/SEWARD HIGHWAY</u> (5.76 acres; Private Ownership) (Scores: Hydrology = 70; Habitat = 56; Species Occurrence = 28; Social Function = 44)</p> <p>“A” Wetlands located within the cloverleaf (western one-third) is <b>preserved</b> by permit: Little Campbell Creek 00-C; site could be used for stormwater detention/treatment as it connects via pipe directly to Little Campbell Creek</p> <p>“C” wetlands: the remaining 2/3 of wetland within highway interchange. A 65-foot setback from the northern outlet flow path shall be maintained along the site’s northwest corner. Important for flood control and water quality.</p> <p><b>General Permit applicable.</b> GP Site Restrictions and Design Criteria include: <i>Construction timing window; identify surface water features; BMPs for local flooding and stormwater controls required.</i></p> <p>“D” wetlands Parcel 32A, NE Brayton at Lake Otis are previously unmapped wetlands east of the northbound highway off-ramp. <a href="#">COE Jurisdictional Determination and further wetland delineation may be required.</a></p>	A/C/D
58C	69	<p><u>LITTLE CAMPBELL CREEK FLOODPLAIN: EAST OF OLD SEWARD HIGHWAY</u> (0.48 acres approx.; Private Ownership) (Scores: Not Assessed)</p> <p>Vans Subdivision, Lot 9b, Block 2 is <b>preserved</b> by COE permit #POA-1982-0930. Site includes an old channel, associated portion of floodplain and several remnant pools of Little Campbell Creek. <i>Minimum 100-foot setback (in wetlands) from the stream.</i> Values for stormwater and flood attenuation, water quality and habitat.</p>	A
59	68	<p><u>KING STREET: SOUTH OF DIMOND</u> (20.58 acres; Private Ownership) (Scores: Hydrology = 88; Habitat = 75; Species Occurrence = 30; Social Function = 32)</p> <p>Serves as local industrial area drainage; likely feeds into Campbell Creek, conveying industrial run-off; attenuates flows to Campbell Creek. Values for water quality, stormwater and flood attenuation.</p> <p>“C” site <b>eligible for General Permit:</b> East of King St, Dimond to 92<sup>nd</sup>; GP Site Restrictions and Design Criteria: <i>Construction timing window; identify surface water features; BMPs for local flooding and stormwater controls required.</i></p> <p>West of King St: not eligible for GP. Portion of King Addition 2 Subdivision, Lot 20, Block 1 is <b>preserved</b> by permit #POA-2004-674.</p>	A/C
59	77	<p><u>WEST OF OLD SEWARD HIGHWAY, EAST OF RAILROAD, 92<sup>nd</sup> TO 100<sup>th</sup> AVENUE</u> (1.06 acres; Private Ownership) (Scores: Hydrology = 81; Habitat = 59; Species Occurrence = 17; Social Function = 27)</p> <p>COE Jurisdictional Determination required. <b>General Permit applicable,</b> GP Site Restrictions and Design Criteria: <i>Construction timing window; Wetland Delineation; BMPs for local flooding and stormwater controls required.</i></p>	C
60	67, 76	<p><u>NW MINNESOTA AT 100<sup>th</sup>; SW MINNESOTA AT DIMOND</u> (4.36 acres) (Private Ownership) (Scores: Assessed with Site No. 60 North)</p> <p>Values for stormwater attenuation. COE Jurisdictional Determination required.</p> <p><b>General Permit applicable.</b> GP Site Restrictions and Design Criteria: <i>Construction timing window; BMPs for local flooding and stormwater controls required.</i></p>	C

Site #	Map # (in the Anchorage Wetlands Atlas, 2008)	Management Strategies, Enforceable and Administrative Policies:	Designation or Classification
60	77	<p><u>OLD SEWARD HIGHWAY TO C STREET, O'MALLEY TO SOUTH OF 104<sup>TH</sup> AVENUE</u> (6.51 acres; Private Ownership) (Scores: Hydrology = 88; Habitat = 55; Species Occurrence = 42; Social Function = 31) "C" wetlands in Maui Industrial Park Subdivision. Values for stormwater attenuation and water quality. COE Jurisdictional Determination and wetlands delineation required.</p> <p><b>General Permit applicable.</b> GP Site Restrictions and Design Criteria: <i>Construction timing window; identify surface water features; BMPs for local flooding and stormwater controls required.</i></p> <p><u>NE 104<sup>TH</sup> AND C STREET</u> (2.72 acres; Private Ownership) (Scores: Hydrology = 95; Habitat = 78; Species Occurrence = 65; Social Function = 13) South Anchorage Target Store Pond (tract A-11) is <b>preserved</b> by permit # POA-2007-917. Values for filtering, water supply into Klatt Bog system. Moderate bird use concentrated around ponds.</p>	A/C
60 North	76 and 77	<p><u>EAST OF MINNESOTA DRIVE TO C ST /NORTH OF WEST 100<sup>TH</sup> AVE TO 92nd</u> (150 acres; Public &amp; Private Ownership) (Scores: Hydrology = 131; Habitat = 101; Species Occurrence = 46; Social Function = 39) Values for stormwater and flood attenuation, water quality, size of contiguous habitat: moderate to high migratory habitat; and rare patterned ground wetlands. The site has enhancement possibilities, i.e., daylight the piped stream which is a tributary to Campbell Creek/Lake. <i>Hydrology, habitat, and drainage pattern information shall be required in the permit and platting process. Must retain patterned ground wetlands and integrity of the larger bog to the maximum extent.</i> Area has been problematic because lots exist as a paper plat only with no subdivision improvements. Laurel Acres Subdivision, Tract F is <b>preserved</b> as open space, plat #71-44.</p>	B
60 South	76 and 77	<p><u>EAST OF MINNESOTA DRIVE TO C ST/NORTH OF O'MALLEY TO 100th</u> (149 acres; Public &amp; Private Ownership) (Scores: Hydrology = 106; Habitat = 98; Species Occurrence = 68; Social Function = 47) Values for stormwater attenuation and water quality; habitat values relative to large size and for open space/aesthetics. Area treats snowmelt and run-off from industrial areas. Development of parcel may consider directing surface water runoff to Klatt Bog drainage ditch to support other efforts to restore Klatt Bog South hydrology. Higher value areas occur along the northern one-third and southwest boundaries of the parcel generally coinciding with areas of ponding. <i>Higher value areas should be retained. Emphasis during the development process should be toward on-site mitigation efforts.</i></p>	B
60A	76	<p><u>PATRICIA SUBDIVISION</u> (51 acres; Private Ownership) (Scores: Hydrology = 96; Habitat = 107; Species Occurrence = 79; Social Function = 47) COE Jurisdictional Determination required. Values for stormwater attenuation, and habitat due to larger size. Remaining patterned ground constitutes locally important habitat. <i>Methods shall be utilized to maintain habitat and hydrology connections and to limit the dewatering of core areas.</i> Area has been problematic because lots exist as a paper plat only with no subdivision improvements.</p>	B

Site #	Map # (in the Anchorage Wetlands Atlas, 2008)	Management Strategies, Enforceable and Administrative Policies:	Designation or Classification
60C	78	<u>NW O'MALLEY AND SEWARD HIGHWAY (SNOW DUMP AREA)</u> (0.74 acres approx.; Public Ownership) (Scores: Not Assessed) <b>General Permit applicable.</b> GP Site Restrictions and Design Criteria: <i>Construction timing window; Wetland Delineation; identify surface water features; BMPs for local flooding and stormwater controls required. Compensatory mitigation shall be based on field determination of REV (Relative Ecological Value).</i> Site was partially created from snow dump and trail and road fills. Moderate habitat and run-off storage. <i>Ponds shall be avoided to the maximum extent possible to retain values for stormwater attenuation and water quality.</i>	C
61	74	<u>RESOLUTION POINT SUBDIVISION</u> (9.2 acres; Private Ownership) (Scores: Hydrology = 74; Habitat = 41; Species Occurrence = 26; Social Function = 35) COE Jurisdictional Determination required. <b>General Permit applicable.</b> GP Site Restrictions and Design Criteria: <i>Construction timing window; BMPs for local flooding required. Maintain 25-foot setback from drainageways.</i> Values for stormwater attenuation and water quality; acts as a buffer to coastal wildlife habitat.	C
62	75 and 83	<u>BAYSHORE LAKE AND CREEK</u> (11.41 acres; Public & Private Ownership) (Scores: Hydrology = 91; Habitat = 96; Species Occurrence = 85; Social Function = 75) Discovery Heights Tract D-1 containing the lake and stream: Documented high habitat, recreation and water quality values. Wetlands along Bayshore Creek are "A" designated and convey subsurface water from Klatt Bog to Bayshore Lake; westerly section is important to the Bayshore Lake floodplain. <i>A 25-foot setback from the top of the bluff along Bayshore Creek shall be maintained.</i> The tract is <b>preserved</b> by permit: Klatt Bog 2.	A
63	75 and 83	<u>BAYSHORE, DISCOVERY HEIGHTS, SOUTHPORT</u> (34.36 acres; Private Ownership) (Scores: Hydrology = 83, Habitat = 87; Species Occurrence = 61; Social Function = 59) Discovery Heights Tracts A-2, D-2A, D-2B, G-2A, G-2B and 3 are <b>preserved</b> by plat #2000-71. C-designated black spruce forested wetlands, located south of Tract G-2B is <b>General Permit applicable.</b> GP Site Restrictions and Design Criteria: <i>Construction timing window; BMPs for local flooding required. A 25-foot transitional buffer shall be maintained between fill authorized under the GPs and "A" wetlands.</i>	A/C
63	75, 76, 83 and 84	<u>MAIN KLATT BOG CORE: EAST OF DISCOVERY PARK TO C STREET, SOUTH OF O'MALLEY</u> (293.66 acres; Public & Private Ownership) (Scores: Hydrology = 86; Habitat = 123; Species Occurrence = 88; Social Function = 53) a) <b>"A" wetlands:</b> Majority of wetlands <b>preserved</b> by Conservation Easement, plat or permit; Including: Southport Tract E-1B; Concord Hills Tract E-1 and G; Simpson Tracts Tr B; Bonnie Cusack Estates, Tract A and Lot 23A; Klatt Bog Municipal Land, Tract A; and Tower Subdivision Tract A. Reference COE permit #Klatt Bog 2. Main Klatt Bog has high values for stormwater/flood attenuation, water quality, habitat and open space/aesthetics. Wetlands should be maintained to preserve these values. Potential for enhancement in portions of "A" wetlands. b) <b>"C" wetlands:</b> Three sites south of Klatt Road (see Map 84) are <b>General Permit applicable.</b> GP Site Restrictions and Design Criteria: <i>Construction timing window; Wetland Delineation; BMPs for local flooding and stormwater controls required.</i>	A/C
64	91 and 92	<u>JOHN'S PARK NORTH/BOTANICAL GARDEN SUBDIVISION</u> (22.54 acres; Public & Private Ownership) (Scores: Hydrology = 84; Habitat = 77; Species Occurrence = 39; Social Function = 42) Maintain 65-foot setback from lower Furrow Creek. Values for flood and stormwater attenuation.	B

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64	84 and 85	<u>SOUTH OF KLATT ROAD: WEST OF HILLTOP STREET TO TIMBERLANE DRIVE</u> (6.32 acres; Public & Private Ownership) (Scores: Hydrology = 91; Habitat = 41; Species Occurrence = 18; Social Function = 75) Timberlane Park, Tract A; site could be used for stormwater treatment. <b>General Permit applicable.</b> GP Site Restrictions and Design Criteria: <i>Construction timing window; identify surface water features; BMPs for local flooding and stormwater controls required. Maintain 25-foot drainageway setback at west end of wetlands.</i>	C
64	92	<u>SOUTHEAST INTERSECTION OF JOHNS ROAD AND HUFFMAN ROAD</u> (2.64 acres; Private Ownership) (Scores: Hydrology = 66; Habitat = 35; Species Occurrence = 18; Social Function = 59) Values for stormwater attenuation. COE Jurisdictional Determination required. <b>General Permit applicable.</b> GP Site Restrictions and Design Criteria: <i>Construction timing window; BMPs for local flooding and stormwater controls required.</i>	C
64A	85, 92	<u>SW HUFFMAN AND OLD SEWARD HWY</u> (0.8 acres; Public Ownership) (Scores: Not Assessed) Within Furrow Creek floodplain. Values for flood and stormwater attenuation, water quality. <i>Intent is to preserve Furrow Creek corridor as much as possible.</i>	A
65	92	<u>JOHN'S PARK/FURROW CREEK CORRIDOR</u> (7.6 acres; Public Ownership) (Scores: Not Assessed) Values for stormwater and flood attenuation, water quality, and open space/aesthetics. Minor park or trail amenities could be developed following COE permit process. <i>Preserve stream's floodplain to maximum extent. Intent is to preserve the Furrow Creek corridor to the maximum extent possible.</i>	A
66	86	<u>MOOSE MEADOWS</u> (Huffman/Seward Highway) (46.31 acres; Public & Private Ownership) (Scores: Hydrology = 112; Habitat = 110; Species Occurrence = 65; Social Function = 57) Portions of bog <b>preserved</b> by Great Land Trust Conservation Easement: from 112 <sup>th</sup> ROW to Klatt Rd ROW extended. Also <b>preserved</b> : Tanglewood Lakes, northern ponds in Tract B; reference COE permit #4-940784. Values for stormwater, flood attenuation, water quality and habitat. Higher habitat values concentrated in central section of scrub-shrub meadow in "A" wetlands and northern "B." <i>Maintain hydrology, i.e., water levels; wetland serves as a headwater of the north fork of Furrow Creek.</i> Potential for enhancement by reconnecting Furrow Creek in central portions of wetland meadow. "B" wetlands, Tract A pond, retain to maximum extent possible. Potential for stormwater treatment.	A/B
67	78	<u>INDEPENDENCE PARK: VANGUARD DRIVE AND SENTRY DRIVE</u> (0.62 acres; Private Ownership) (Scores: Hydrology = 73; Habitat = 58; Species Occurrence = 36; Social Function = 55) COE Jurisdictional Determination required. Vanguard Drive attenuates flows to former Furrow Creek tributary, now flows into Campbell Lake. Drainage functions shall be retained. <b>General Permit applicable.</b> GP Site Restrictions and Design Criteria: <i>Construction timing window; BMPs for local flooding and stormwater controls required.</i>	C
67	78	<u>NORTH OF O'MALLEY, EAST AND WEST OF INDEPENDENCE DRIVE</u> (7.45 acres; Private Ownership) (Scores: Hydrology = 90; Habitat = 70; Species Occurrence = 50; Social Function = 37) Attenuates flows to former Furrow Creek tributary, now flows into Campbell Lake. Stream headwaters area is addressed under site #67A. "A" wetlands located along stream on east side of Independence Drive. Independence Park, Tract S, remaining wetland is <b>preserved</b> by COE permit #POA-2010-261. "C" wetlands located in Commodore Park, Tract B-2B, and Green #1, Tract B-1 are <b>General Permit applicable.</b> GP Site Restrictions and Design Criteria: <i>Construction timing window; BMPs for local flooding and stormwater controls required.</i>	A/C

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67A	78	<p><b>INDEPENDENCE DRIVE CREEK: LAKE OTIS TO INDEPENDENCE DRIVE</b> (4.48 acres; Private Ownership) (Scores: Hydrology = 68; Habitat = 68; Species Occurrence = 18; Social Function = 42) Attenuates flows to former Furrow Creek tributary, now flows into Campbell Lake; drainage issues in adjacent area due to high groundwater table. Importance for conveyance of original fork of Furrow Creek, flood control and water quality. <i>65-foot minimum setback precludes lower designation. Shall be platted as an undisturbed stream corridor. Since flows are only occasionally confined in a defined channel, the entire site shall be retained to the maximum extent.</i></p>	A
68	70	<p><b>84<sup>TH</sup> TO ABBOTT/SPRUCE STREET RIGHT-OF-WAY</b> (3.08 acres; Private Ownership) (Scores: Merged with Sites #51 and #52) Littlebrook Subdivision stream corridor <b>preserved</b> by plat 2001-141 and 2003-13. <i>A 100-foot setback shall be maintained along the channels of Little Campbell Creek to maintain its anadromous fish resources as well as flood storage and hydrologic functions. Setbacks shall be treated as an "A" wetlands area. A 65-foot setback shall be maintained from the small tributary in the wetland at Lake Otis and Abbott. No change shall be allowed in the bottom or invert elevation of the culvert under Abbott Road in the westerly parcel or other modification of this drainage which would increase drainage flow rate or volume: this is to prevent lowering of the water table in wetland # 69. Enhancement of channels is possible. "C" wetlands are <b>General Permit applicable</b>. GP Site Restrictions and Design Criteria: Construction timing window; BMPs for local flooding and stormwater controls required.</i></p>	A/C
69	79	<p><b>RUTH ARCAND PARK, SOUTHEAST OF LAKE OTIS/ABBOTT</b> (161.86 acres; Public Ownership) (Scores: Hydrology = 146; Habitat = 145; Species Occurrence = 54; Social Function = 80) Municipal park lands: manage under adopted park plans. Conveys South Fork of Little Campbell Creek and former fork of Furrow Creek. Limited development of recreation of recreational amenities such as trails could occur in peripheral wetlands, as outlined in the Anchorage Bowl Park, Natural Resource, and Recreation Facility Plan, 2006.</p>	A
70	80	<p><b>ABBOTT TO 104<sup>TH</sup>/ELMORE TO BIRCH/</b> (56 acres; Private Ownership) (Scores: Hydrology = 102; Habitat = 99; Species Occurrence = 65; Social Function = 44) Includes Craig Creek and Little Campbell Creek, from their confluence upstream to Birch Road. "A,""B" wetlands: <u>East of Springhill Drive</u> (Tributary to Craig Creek): Values as stream headwaters; functions for stormwater/flood attenuation, water quality and habitat. <i>Maintain 85-foot setback from Craig Creek. Tract A of Autumn Ridge and Forest Creek Subdivision is <b>preserved</b> by plat #2001-143 and designated "A." Tract A, Williamson Subdivision <b>preserved</b> by plat #2005-83.</i> "A" and "C" wetlands: <u>West of Springhill Drive</u> (main Craig Creek to confluence). <i>A 100-foot setback shall be maintained along Little Campbell Creek to maintain its anadromous fish resources as well as flood storage functions. Little Campbell Creek Greenbelt Park lots are "A" designated and <b>preserved</b> (located just east of Elmore ROW, between 98<sup>th</sup> and 102<sup>nd</sup>). Outside of park and setback is "C": <b>General Permit applicable</b>. GP Site Restrictions and Design Criteria: <i>Construction timing window; Wetland Delineation; identify surface water features; BMPs for local flooding and stormwater controls required. 25-foot buffer required between any development authorized by GP and "A" wetlands.</i> Minor park amenities could be allowed.</i></p>	A/B/C

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70	80	<p><u>SOUTH FORK, LITTLE CAMPBELL CREEK: PACER ROAD TO BIRCH, O'MALLEY TO 104TH</u> (2.95 acres; Private Ownership) (Scores: Hydrology = 84; Habitat = 68; Species Occurrence = 44; Social Function = 34) Importance for water quality, stormwater and flood attenuation, and habitat. 100-foot minimum setback required to protect anadromous fish resources. <i>Stream corridor has pockets of wetlands which shall remain undisturbed (using the 100-foot setback or avoidance).</i> Utility corridors, driveways and trails should be permitted if no practical alternatives exist.</p> <p><a href="#">"D" wetlands require COE Jurisdictional Determination and wetland delineation.</a></p>	A/D
71	81	<p><u>CRAIG CREEK CT/EAST OF BIRCH RD</u> (9.2 acres; Private Ownership) (Scores: Hydrology = 91; Habitat = 83; Species Occurrence = 50; Social Function = 47)</p> <p>Values for stormwater and flood attenuation, water quality and recharge. Unique local habitat. Development may be possible on outer edges but shall preserve integrity and functions of the site. <i>Retain stream and pond with 85-foot setback.</i></p>	B
71A	82	<p><u>EAST OF HILLSIDE DRIVE: NORTH END OF HAMPTON DRIVE AND EAST OF SCHUSS DRIVE</u> (1.63 acres; Private Ownership) (Scores: Not Assessed)</p> <p>Two sites. COE Jurisdictional Determination required. <i>Proposed development activity shall avoid permanent ponds and emergent vegetation low points where seasonal pools develop.</i></p>	B/Open Water
72	89	<p><u>LAKE-O-THE-HILLS</u> (2.19 acres; Private Ownership) (Scores: Hydrology = 99; Habitat = 98; Species Occurrence = 44; Social Function = 51)</p> <p>Associated wetlands along the lake fringe. <i>Retain with 65-foot, non-disturbance setback.</i></p>	A/Open Water

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72A, 72F	88, 89	<p><b>LITTLE CAMPBELL CREEK: HILLSIDE DRIVE TO BIRCH ROAD</b> (35.89 acres; Private Ownership) (Scores: Hydrology = 93; Habitat = 87; Species Occurrence = 24; Social Function = 32).</p> <p><b>FORSYTHE PARK AREA</b> (Public &amp; Private Ownership) (Scores: Hydrology = 94; Habitat = 92; Species Occurrence = 33; Social Function = 37). <b>WEST OF LAKE-O-THE-HILLS</b> (Private Ownership) (Scores: Hydrology = 106; Habitat = 95; Species Occurrence = 28; Social Function = 50)</p> <p>"A" wetlands located within narrow band along Little Campbell Creek. Area has known drainage problems. Values for recharge, stormwater and flood attenuation, and water quality. <i>Maintain a 100-foot setback along Little Campbell Creek to protect anadromous fish resources. An 85-foot setback shall be maintained from springs and seeps. 25-foot setback from drainageways.</i></p> <p>"C" wetlands: <b>General Permit applicable.</b> GP Site Restrictions and Design Criteria: <i>Construction timing window; Wetland Delineation; identify surface water features; BMPs for local flooding and stormwater controls required. 25-foot buffer required between any development authorized by GP and "A" wetlands. Creek corridor is important to large mammal movements especially bear. Linear fill crossing these areas should be minimized or configured to avoid disrupting the migratory movements.</i></p> <p><b>Previously unmapped wetlands at Moose Road, south side</b> (2.02 acres; private ownership)(Scores: Hydrology = 78, Habitat = 65, Species Occurrence = 24, Social Function = 39), now designated as "C" and are <b>General Permit applicable.</b> Noted as site #U-8. GP Site Restrictions and Design Criteria: <i>Construction timing window; identify surface water features; BMPs for local flooding and stormwater controls required.</i></p> <p>"D" wetlands: 4 sites located at MacBeth Drive/Mumby Circle. Requires COE Jurisdictional Determination and wetlands delineation.</p>	A/C/D
72B	90	<p><b>CRAIG CREEK: TRAILS END TO COBRA AVENUE</b> (6.39 acres; Private Ownership) (Scores: Hydrology = 81; Habitat = 63; Species Occurrence = 14; Social Function = 27)</p> <p>Headwaters for Craig Creek—poorly defined channel. <i>An 85-foot setback shall be maintained from springs and Craig Creek. Creek corridor is important to large mammal movements, especially bears. Linear fill crossing these areas should be minimized or configured to avoid disrupting the migratory movements.</i> "D" wetlands: <b>Additional wetland delineation is required in Boulder Springs Subdivision between Vosikof Place and Boulder Circle.</b></p> <p>"C" wetlands: <b>General Permit applicable.</b> GP Site Restrictions and Design Criteria: <i>Construction timing window; Wetland Delineation; identify surface water features; BMPs to address dewatering of adjacent wetlands, local flooding and stormwater controls required.</i></p>	C/D
72B	90	<p><b>SOUTH FORK, LITTLE CAMPBELL CREEK: WOODBOURNE TO HILLSIDE DRIVE</b> (17.44 acres; Private Ownership) (Scores: Hydrology = 85; Habitat = 81; Species Occurrence = 34; Social Function = 25)</p> <p><i>A 100-foot setback shall be maintained along Little Campbell Creek to maintain its anadromous fish resources. Creek corridor is important to large mammal movements, especially bears. Linear fill crossing these areas should be minimized or configured to avoid disrupting the migratory movements.</i> COE Jurisdictional Determination required.</p> <p><b>General Permit applicable.</b> GP Site Restrictions and Design Criteria: <i>Construction timing window; identify surface water features; BMPs for local flooding and stormwater controls required.</i></p>	C

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72C	89	<u>NORTHEAST OF LAKE-O-THE HILLS</u> (Craig Creek) (4.40 acres; Private Ownership) (Scores: Site scored with Site #72F) <i>An 85-foot setback shall be maintained from Craig Creek to maintain flood storage/water quality functions and values. Creek corridor is important to large mammal movements, especially bears. Linear fill crossing these areas should be minimized or configured to avoid disrupting the migratory movements. <b>General Permit applicable.</b> GP Site Restrictions and Design Criteria: <i>Construction timing window; identify surface water features; BMPs for local flooding and stormwater controls required.</i></i>	C
72D	90	<u>SOUTH OF HIDEAWAY LAKE</u> (6.58 acres; Private Ownership) (Scores: Hydrology = 88; Habitat = 98; Species Occurrence = 44; Social Function = 40) Hidden Creek headwaters area flows into Hideaway Lake via springs/channels; ponds have flood storage capacity values. Site serves as a drainage basin and flood storage area. <i>Maintain 85-foot setback from springs and stream. Creek corridor is important to large mammal movements, especially bears. Linear fill crossing these areas should be minimized or configured to avoid disrupting the migratory movements.</i>	B
72E	82 and 90	<u>HIDEAWAY LAKE</u> (0.58 acres; Private Ownership) (Scores: Hydrology = 83; Habitat = 86; Species Occurrence = 43; Social Function = 40) <i>Wetlands adjacent to lake and Hidden Creek shall be preserved to the maximum extent possible. Maintain 85-foot setback from stream, 25-foot setback from lake where wetlands are present.</i>	A/Open Water
73	89 and 96	<u>DOWNEY FINCH TO DEARMOUN ROAD</u> (41.74 acres; Private Ownership) (Scores: Hydrology = 98; Habitat = 111; Species Occurrence = 18; Social Function = 47) "A" wetlands located NE of Birch Rd and Trappers Trail. Includes tributary to Little Campbell Creek. <i>An 85-foot minimum setback shall be maintained around the pond.</i> "B" wetlands: Larger sedge/scrub-shrub, dwarf spruce wetlands contains headwaters of Little Campbell Creek tributary. Values for stormwater and flood attenuation, water quality and habitat. Development possible on southern fringes. <i>Maintain 25-foot drainageway setbacks.</i> "C" wetlands located south of Downey Finch, north of Huffman right-of-way; 2 small sites. <b>General Permit applicable.</b> GP Site Restrictions and Design Criteria: <i>Construction timing window; identify surface water features; BMPs for local flooding and stormwater controls required.</i> "D" undesignated (5 sites) located at SW Crestview Drive/Kalgin Drive; SW Floral Lane and Mountain Place; between Alpine Drive and Mountain Place; and on Beverly Drive. COE Jurisdictional Determination required. <i>25-foot drainageway setbacks required.</i>	A/B/C/D

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74	87	<p><u>FURROW CREEK: WAGNER TO ELMORE, CLEO ROW</u> (9.42 acres; Private Ownership) (Scores: Hydrology = 70; Habitat = 68; Species Occurrence = 18; Social Function = 42)  <i>Upper Furrow Creek corridor within the 85-foot setback should be maintained as an "A" wetland with the stream retained in its natural channel. Drainageways require a 25-foot setback.</i>            Outside setback, "C" wetlands are <b>General Permit applicable</b>. GP Site Restrictions and Design Criteria: <i>Construction timing window; Wetland delineation required; identify surface water features; BMPs for local flooding and stormwater controls required.</i>  <b>"D" wetlands: Additional unmapped wetlands within the floodplain. Requires COE Jurisdictional Determination and wetlands delineation; and MOA-WMS stream survey.</b></p>	C/D
75	87	<p><u>NE LAKE OTIS and HUFFMAN RD; NORTH OF HUFFMAN, WEST OF GANDER</u> (6.95 acres; Private Ownership) (Scores: Hydrology = 73; Habitat = 62; Species Occurrence = 18; Social Function = 43)            "A" wetlands now includes <b>preserved</b> wetlands on Furrow Creek, just west of Gander; reference COE permit #Furrow Creek 04-A. <i>Maintain 65-foot setback from Furrow Creek, 25-foot setback from drainageways.</i> Values for stormwater/flood attenuation, water quality, habitat. <b>General Permit applicable</b>. GP Site Restrictions and Design Criteria: <i>Construction timing window; Wetland delineation required; identify surface water features; BMPs for local flooding and stormwater controls required.</i></p>	A/C
75	86	<p><u>NORTH SIDE OF HUFFMAN ROAD: NW of SILVER SPRUCE CIRCLE</u> (1.42 acres; Private Ownership) (Scores: Hydrology = 82; Habitat = 80; Species Occurrence = 28; Social Function = 38)            Maintain a 65-foot setback from Furrow Creek and springs. Remaining wetlands in Tract A, Furrow Creek North Subdivision <b>preserved</b> by plat #2005-197. Stream setback precludes development in remaining wetlands.</p>	A
76	93	<p><u>FURROW CREEK AND HUFFMAN HILLS NORTH SUBDIVISIONS</u> (6 acres; Private Ownership) (Scores: Hydrology = 110; Habitat = 86; Species Occurrence = 64; Social Function = 43)            Site contains main fork and north fork of Furrow Creek; high values for stormwater and flood attenuation, and water quality. Remaining wetland tracts <b>preserved</b> by plat #96-3 as open space. May be considered for stream restoration and enhancement potential.</p>	A
77	94	<p><u>SOUTHEAST MERGANSER TO LAKE OTIS</u> (1.73 acres; Private Ownership) (Scores: Hydrology = 58; Habitat = 39; Species Occurrence = 18; Social Function = 41)            Values for stormwater attenuation. COE Jurisdictional Determination required. <b>General Permit applicable</b>. GP Site Restrictions and Design Criteria: <i>Construction timing window; BMPs for local flooding and stormwater controls required.</i></p>	C
78	100	<p><u>ELMORE CREEK, WEST OF ELMORE ROAD</u> (1.22 acres; Private Ownership) (Scores: Hydrology = 93; Habitat = 65; Species Occurrence = 48; Social Function = 28)            "A" wetlands within Elmore Creek floodplain. Values for stormwater and flood attenuation, water quality and habitat. <i>Maintain 65-foot setback from Elmore Creek. Creek corridor is important to large mammal movements, especially bears. Linear fill crossing these areas should be minimized or configured to avoid disrupting wildlife movements.</i>            "C" wetlands: Northern spur without creek. <b>General Permit applicable</b>. GP Site Restrictions and Design Criteria: <i>Construction timing window; Wetland Delineation; identify surface water features; BMPs for local flooding and stormwater controls required.</i></p>	A/C

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78	101	<p><u>EAST OF ELMORE STREET: NORTH AND SOUTH OF MANYTELL AVENUE</u> (Timberlux Subdivision) (9.51 acres; Private Ownership) (Scores: Hydrology = 107; Habitat = 106; Species Occurrence = 48; Social Function = 35)</p> <p>Elmore Creek flows through site providing open water habitat, stormwater and flood attenuation, and water quality values. <i>Ponds/open water wetlands should be treated as "A" valued wetlands; maintain a 65-foot setback. Creek corridor is important to large mammal movements, especially bears. Linear fill crossing these areas should be minimized or configured to avoid disrupting the migratory movements.</i></p> <p>"C" wetland at SE Elmore and Manytell: <b>General Permit applicable.</b> GP Site Restrictions and Design Criteria: <i>Construction timing window; identify surface water features; BMPs for local flooding and stormwater controls required. Maintain drainageways and hydrologic connectivity to Elmore Creek. 25-foot setback from drainageways required.</i></p>	B/C
79	101	<p><u>SE PARK HILLS AND EVERGREEN STREET</u> (5.01 acres; Private Ownership) (Scores: Hydrology = 62; Habitat = 43; Species Occurrence = 18; Social Function = 39)</p> <p>COE wetland delineation required. Provides local area stormwater and flood attenuation, and serves as headwaters of tributary to Elmore Creek. <i>Maintain 85-foot setback from stream; 25-foot setback from drainageways.</i></p>	B
79A	101	<p><u>EAST OF BUFFALO STREET, 142nd AVENUE TO RIVERTON</u> (2.11 acres; Private Ownership) (Scores: Hydrology = 57; Habitat = 34; Species Occurrence = 18; Social Function = 29)</p> <p>Values for stormwater and flood attenuation. <i>Maintain drainageway through site with 25-foot setback.</i></p> <p><b>General Permit applicable.</b> GP Site Restrictions and Design Criteria: <i>Construction timing window; identify surface water features; BMPs for local flooding and stormwater controls required.</i></p>	C
80	102	<p><u>NORTH OF RABBIT CREEK ROAD/ANDOVER</u> (8.07 acres; Private Ownership) (Scores: Hydrology = 87; Habitat = 79; Species Occurrence = 18; Social Function = 40)</p> <p>Headwaters for Elmore Creek; moderate habitat diversity, flood control, water quality values. This area is used by moose as a calving area and is also a high use corridor for large animal movements (for current information, verify with ADFG).</p> <p>"A" wetlands include Tract A-1, Eaglebrook Subdivision <b>preserved</b> by Conservation Easement. Remaining wetlands are "C": <b>General Permit applicable.</b> GP Site Restrictions and Design Criteria: <i>Construction timing window; identify surface water features; BMPs for local flooding and stormwater controls required. The lots, as platted, could avoid fill in wetlands by placing structures next to road. 25-foot buffer required between any development authorized by the GP and "A" wetlands. An 85-foot setback shall be maintained along the creek channel and ponds. Fill shall not be placed in the pond and drainageway outlet located at the northwest corner of the wetland in the unsubdivided area north of Fernwood Avenue ROW extended.</i></p>	A/C

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80	102	<p><u>EAST OF PICKETT STREET: 140<sup>th</sup> to 144<sup>th</sup> AVENUE</u> (8.31 acres; Private Ownership) (Scores: Hydrology = 66; Habitat = 79; Species Occurrence = 18; Social Function = 35)</p> <p>“A” wetland designation conforms to <b>preserved</b> areas: platted open space reserve and drainage easements in Equestrian Heights Subdivision (Tract B) plat #87-14. Kijik Subdivision: <i>Pond and adjacent wetlands should be retained as open space; constitutes headwaters of Elmore Creek. Maintain 25-foot setbacks from drainageways.</i></p> <p><i>“D” wetlands at NW Rabbit Creek Road and 140<sup>th</sup> St. contains tributary to Rabbit Creek. Maintain an 85-foot setback from stream. Site could be used for stormwater treatment.</i></p>	A/D
81	102 and 103	<p><u>SECTION 36</u> (128.89 acres; Public Ownership) (Scores: Hydrology = 134; Habitat = 132; Species Occurrence = 31; Social Function = 62) Wetland located between two branches of Little Rabbit Creek analyzed separately: (5.07 acres; Public Ownership) (Scores: Hydrology = 79; Habitat = 67; Species Occurrence = 48; Social Function = 52)</p> <p><i>Development shall be concentrated at upland edges wherever practicable and per Section 36 Land Use Plan, Anchorage Bowl Park, Natural Resource and Recreation Facility Plan, and the Section 36 Park Master Plan. Wetlands in Tracts 1 and 5 of Section 36 are to be preserved by Conservation Easement. Values for flood attenuation, water quality, open space/aesthetics and habitat. Wetlands constitute the headwaters of tributaries to Little Rabbit Creek. Creek corridor is important to large mammal movements especially bear. Linear fill crossing these areas should be minimized or configured to avoid disrupting the migratory movements. Maintain an 85-foot setback from Little Rabbit Creek. “P” wetland requires COE Jurisdictional Determination and wetland delineation; 85-foot setback required from headwater stream.</i></p>	A/P
82	102	<p><u>BEAR VALLEY SCHOOL—NORTH</u> (28.06 acres; Public Ownership) (Scores: Hydrology = 80; Habitat = 89; Species Occurrence = 18; Social Function = 55)</p> <p>North of 149<sup>th</sup> Avenue ROW to be classed as “B” wetland to protect higher value pond habitat and flows to the northwest. Values for stormwater and flood attenuation, water quality, open space/aesthetics and habitat.</p> <p>“C” wetland south of 149<sup>th</sup> Avenue ROW: A <b>General Permit</b> may be applicable for fill in the “C” wetlands. GP Site Restrictions and Design Criteria include: <i>25-foot setbacks from drainageways; Construction Timing Window, Wetland Delineation, Identify Surface Water Features; BMPs to prevent Local Flooding, Dewatering of Adjacent Wetlands, Stormwater Functions; and Visual Screening required (i.e., a visual buffer of trees or a fence shall be placed at the edge of the fill authorized under the GPs to reduce the impacts to wildlife use in adjacent wetlands).</i></p> <p>Mapped stream channel, tributary to Rabbit Creek, located on west side of Clarks Road. <i>Maintain a 25-foot buffer between fill authorized under the GP and “A” wetlands; a 15-foot buffer from “B” wetlands.</i></p>	B/C

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83	108	<p>BEAR VALLEY: EAST OF LITTLE RABBIT CREEK (T.11N, R3W, Sec 1) (61.13 acres; Private Ownership) (Scores: Hydrology = 109; Habitat = 105; Species Occurrence = 28; Social Function = 50)                      Values for stormwater and flood attenuation, water quality, open space/aesthetics and habitat.  <i>"D" wetlands: Creek corridor is important to large mammal movements, especially bears. Linear fill crossing these areas should be minimized or configured to avoid disrupting the migratory movements. Requires ADFG verification of anadromous fish resources; if anadromous fish present in Little Rabbit Creek or tributaries, a 100-foot setback is required. Otherwise, maintain an 85-foot setback along all streams; 25-foot setback on drainageways. COE Jurisdictional Determination required.</i>  <i>"C" wetlands: <b>General Permit applicable.</b> GP Site Restrictions and Design Criteria: Construction timing window; Wetland Delineation; identify surface water features; BMPs for local flooding, dewatering of adjacent wetlands and stormwater controls required.</i></p>	C/D
84	108	<p>BEAR VALLEY: WEST OF LITTLE RABBIT CREEK (T.11N, R3W, Sec 1) (5.29 acres; Private Ownership) (Scores: Hydrology = 96; Habitat = 77; Species Occurrence = 28; Social Function = 50)                      Values for stormwater and flood attenuation, water quality, open space/aesthetics and habitat.  <i>Creek corridor is important to large mammal movements, especially bears. Linear fill crossing these areas should be minimized or configured to avoid disrupting the migratory movements. Requires ADFG verification of anadromous fish resources; if anadromous fish present in Little Rabbit Creek or tributaries, a 100-foot setback is required. Otherwise, maintain an 85-foot setback along all streams; a 25-foot setback on drainageways. COE Jurisdictional Determination required.</i>  <b>General Permit applicable.</b> GP Site Restrictions and Design Criteria: Construction timing window; Wetland Delineation; identify surface water features; BMPs for local flooding, dewatering of adjacent wetlands and stormwater controls required.  <b>Previously unmapped wetlands located SW Byron/Carl St., SW Diane/Marino Dr., SE Diane/Carl St.</b> (4.06 acres; Private Ownership) (Scores: Hydrology = 83; Habitat = 54; Species Occurrence = 38; Social Function = 32)                      Values for flood attenuation, water quality, habitat, and open space/aesthetics. <b>General Permit applicable.</b> Noted as site #U-10. GP Site Restrictions and Design Criteria: Construction timing window; identify surface water features; BMPs for local flooding, dewatering of adjacent wetlands and stormwater controls required.</p>	C

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84	102, 103, 107, 108	<p>VIEWES OF PROMINENCE, SE BURLWOOD AND HORACE (aka SHANGRI-LA) SUBDIVISIONS (56.24 acres; Private Ownership) (Scores: Hydrology = 80; Habitat = 112; Species Occurrence = 54; Social Function = 40). Includes SW CARL St. AT ALTA RD.</p> <p>"A" Wetlands: <b>Preserved</b> parcel, Tract B in Shangrila Estates North; preserved by restrictive covenant.</p> <p>"B" Wetlands: <i>Maintain 85-foot setback from stream channels and waterbodies to retain water quality, flood control and habitat values of pond and streams. Contains headwaters of Little Rabbit Creek tributaries. Creek corridor is important to large mammal movements, especially bears. Linear fill crossing these areas should be minimized or configured to avoid disrupting the migratory movements.</i> Enhancement potential for smaller tributary streams.</p> <p><b>VIEWES OF PROMINENCE &amp; S.E. SHANGRILA EAST SUBDIVISION (2.23 acres): Previously unmapped wetlands, now designated as "C":</b> (Scores: Hydrology = 83; Habitat = 54; Species Occurrence = 38; Social Function = 32). Values for flood attenuation, water quality, habitat, and open space/aesthetics. <b>General Permit applicable.</b> Noted as site #U-10b. GP Site Restrictions and Design Criteria: <i>Construction timing window; identify surface water features; BMPs for local flooding, dewatering of adjacent wetlands and stormwater controls required.</i></p>	A/B/C
84A	29a, 112	<p>KINGS WAY ROW, SOUTH OF PAINE RD: SOUTH BEAR VALLEY (104.25 acres; private ownership) (Scores: Hydrology = 96; Habitat = 105; Species Occurrence = 31; Social Function = 41). Includes "D" undesignated wetlands in upper Little Rabbit Creek valley, Brewster's Homestead area. Values for flood attenuation, water quality, habitat, and open space/aesthetics. COE Jurisdictional Determination and wetlands delineation required.</p> <p><b>Previously undesignated wetlands, now designated as "C" are General Permit applicable.</b> Noted as site #U-10a (4.25 acres). GP Site Restrictions and Design Criteria: <i>Construction timing window; identify surface water features; BMPs for local flooding, dewatering of adjacent wetlands and stormwater controls required. R-10 zoning requires a 100-foot setback from Little Rabbit Creek.</i></p>	C/D
85	102	<p>NE GOLDENVIEW DR AT 156<sup>TH</sup> STREET (5.12 acres; private ownership) (Scores: Hydrology = 99; Habitat = 79; Species Occurrence = 48; Social Function = 44). Values for flood and stormwater attenuation, water quality. "D" (undesignated) wetland is not eligible for the General Permit. COE Jurisdictional Determination and wetland delineation required. <i>Streams on site require a 65-foot setback; drainageways minimum 25-foot setback.</i></p> <p><b>The eastern previously unmapped wetland, now designated as "C" is eligible for a General Permit.</b> Noted as site #U-11. GP Site Restrictions and Design Criteria: <i>Construction timing window; identify surface water features; BMPs for local flooding, dewatering of adjacent wetlands and stormwater controls required. Requires an 85-foot setback from Little Rabbit Creek tributary.</i></p>	C/D
85	106	<p>164<sup>TH</sup> TO STONERIDGE, VIRGO TO GOLDENVIEW (13.82 acres; Private Ownership) (Scores: Hydrology = 113; Habitat = 86; Species Occurrence = 70; Social Function = 45)</p> <p><i>Maintain a 65-foot setback from Little Survival Creek to maintain values for stormwater and flood attenuation, water quality and habitat. 25-foot setback from drainageways required.</i> COE Jurisdictional Determination and wetland delineation required. Large-lot zoning allows for adequate setbacks and creation of flood control areas. MOA Watershed Management has investigated local hydrology; consult the <i>Little Rabbit/Little Survival Creek Pilot Watershed Drainage Plan.</i></p>	B

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85	106	<p><u>RICKY ROAD TO 164TH AVENUE—WEST OF GOLDENVIEW DRIVE</u> (23.93 acres; Private Ownership) (Scores: Hydrology = 114; Habitat = 95; Species Occurrence = 30; Social Function = 46)</p> <p>“A” wetlands on Goldenview Middle School property and Goldenview Park Subdivision, open space tracts are <b>preserved</b> by permit #4-940950 and plat #97-55. <i>Stream setbacks are 65 feet.</i></p> <p>“B” wetland contains springs and streams, conveying stormwater from east and south. Values for stormwater and flood attenuation, water quality, open space/aesthetics and habitat.</p> <p>“C” wetland: SE 162<sup>nd</sup> and St James. <b>General Permit applicable.</b> GP Site Restrictions and Design Criteria: <i>Construction timing window; identify surface water features; BMPs for local flooding and stormwater controls required. Drainageways require 25-foot setback.</i></p>	A/B/C
85A	106	<p><u>SW BELARDE AND FEDOSIA AVENUE</u> (4.23 acres; Private Ownership) (Scores: Hydrology = 77; Habitat = 48; Species Occurrence = 18; Social Function = 33)</p> <p>COE Jurisdictional Determination and Wetlands Delineation required. <b>General Permit applicable.</b> GP Site Restrictions and Design Criteria: <i>Construction timing window; identify surface water features; BMPs for local flooding and stormwater controls required. 65-foot setbacks required from ephemeral pond at south end and tributary to Little Survival Creek; 25-foot setbacks from drainageways.</i></p>	C
86	110	<p><u>LEGACY POINTE SUBDIVISION</u> (18.05 acres; Private Ownership)(Scores: Hydrology = 94; Habitat = 100; Species Occurrence = 38; Social Function = 38)</p> <p>Values for flood and stormwater attenuation, water quality, habitat and open space/aesthetics. “D” undesignated wetlands include headwater streams contiguous with a slope discharge zone. <i>Requires an 85-foot setback for headwater streams; 25-foot setback for drainageways.</i> A COE Jurisdictional Determination is required.</p> <p><b>Previously unmapped wetlands, now designated as “C” are General Permit applicable.</b> Noted as site #U-12. GP Site Restrictions and Design Criteria: <i>Construction timing window; identify surface water features; BMPs for local flooding, dewatering of adjacent wetlands and stormwater controls required.</i></p> <p>“P” wetlands require COE Jurisdictional Determination and wetland delineation.</p>	C/D/P
86	32a	<p><u>UPPER POTTER VALLEY</u> (217.74 acres; Private Ownership)(Scores: Hydrology = 106; Habitat = 106; Species Occurrence = 22; Social Function = 38)</p> <p>Values for stormwater and flood attenuation, water quality, habitat and open space/aesthetics. Wetlands include headwater streams which require further mapping and categorization. COE Jurisdictional Determination and wetland delineation required. <i>Headwater streams require 85-foot setbacks, drainageways minimum 25-foot setbacks. Intention is to retain higher value ponded wetlands, wet meadows, and streams to the maximum extent possible.</i> Unclassified wetlands require COE Jurisdictional Determination and wetland delineation; and MOA-WMS stream survey.</p>	D/P

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86	105, 106 and 110	<p>POTTER MARSH (485.7 acres; Public &amp; Private Ownership) (Scores: Not Assessed)            These critical habitat wetlands shall be preserved under the refuge management jurisdiction of the Alaska Department of Fish and Game. <i>Any use proposals shall be consistent with refuge goals and policies.</i> Values for stormwater and flood attenuation, water quality, open space/aesthetics, recreation and habitat. Portions of these wetlands are within the state right-of-way for Seward Highway. <i>Any proposed highway expansion fill should be minimized to the maximum extent practicable. Streams are anadromous; setback is 100 feet. Values are high for habitat and water quality; site shall be preserved in its entirety.</i>  <i>"D" wetlands/pond located east of Old Seward Hwy (1.17 acres). Pond should be retained to the maximum extent possible.</i></p>	A/D
86A	31a, 110	<p>POTTER CREEK MOUTH (3.6 acres approx.; Public Ownership) (Scores: Not Assessed)            Area includes partly intertidal wetlands at mouth of Potter Creek, east of the Seward Highway, but included here because it is primarily freshwater influenced. Contains confluence of Potter Creek and a tributary. <i>Streams are anadromous; setback is 100 feet. Values are high for habitat and water quality; site shall be preserved in its entirety.</i></p>	A
87	N/A	<p><u>FIRE ISLAND</u> (approx. 132 acres freshwater wetlands; Private and Public Ownership) (Scores: Not Assessed)            Intertidal wetlands surround the island; contains lakes, ponds and freshwater emergent wetlands. Eagle nests, nesting Trumpeter Swans and shorebird use documented. Primarily habitat values. <i>Big Lake, Little Lake, Hidden Lake and Crystal Lake, as well as their wetland fringes should be retained to the maximum extent possible. COE Jurisdictional Determination and wetlands delineation required.</i></p>	D