

Table 4.3

TURNAGAIN ARM

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 references 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 1990-era mylar based map sets housed at the Municipality of Anchorage Community Development Department, Long-Range Planning Section. Mylar maps of Turnagain Arm cannot be reproduced for viewing online; the paper copies may be viewed at the Planning public counter, Municipal Planning and Development Center, 4700 Elmore Road, Anchorage, Alaska. The map numbers also serve as placeholders until the Municipality can develop a Turnagain Arm area wetlands atlas. For Turnagain Arm area wetlands mapping, view online maps available at http://munimaps.muni.org/mox52/advanced.cfm?&action=mox52_if_frameset or download wetland data at: <http://www.muni.org/Departments/it/GIS2/Pages/MOAGISData.aspx> or contact the Long-Range Planning Section at 343-7921.

Management Strategies, Enforceable and Administrative Policies: Includes for each wetland a Site Description, 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 #	Management Strategies, Enforceable and Administrative Policies: Includes for each wetland a Site Description, Acreage of wetland unit, ownership, "Scores" refer to the Anchorage Wetlands Assessment Methodology (reference Chapter 2, II. Resource Inventory, A. Background, for scoring information)	New Designation or Classification
217,217 A	17,18, 19	<p>CROW CREEK ROAD—EAST (23.19 acres; Public Ownership) (Scores: Hydrology = 68; Habitat = 76; Species Occurrence = 50; Social Function = 44).</p> <p><i>Includes previously unmapped sites (D) within proposed Holton Hills Subdivision east of Crow Creek Road. COE Jurisdictional Determination and delineation including waterways required. Tiny Creek requires minimum 65-foot setback unless anadromous fish use evident, then 100-foot setback is appropriate.</i></p> <p><i>"A" wetlands east of road shall be maintained to the maximum extent possible. Lies within floodplain and retention area.</i></p>	A/D
218	19	<p>MOOSE MEADOWS (183.16 acres; Public Ownership) (Scores: Hydrology = 111; Habitat = 105; Species Occurrence = 67; Social Function = 64)</p> <p>Unique habitat type within Municipality: patterned ground fen with stream channels. Provides recharge and flood control for several tributaries of Glacier and Alyeska Creek. Edge between forest and wet meadows are of hydrologic importance. <i>Maintain hydrologic interface and core wetland sedge meadows.</i> Overall values for flood attenuation and groundwater recharge, water quality, habitat and open space/aesthetics. Winter recreation level of use is high; non-motorized sports appropriate. <i>COE Jurisdictional Determination, wetland delineation and survey for waterways required.</i></p> <p>Site along Aspen Mountain Road designated "C"; site is eligible for the General Permit. GP Site Restrictions and Design Criteria: <i>Construction timing window; Identify surface water features; BMPs for local flooding and stormwater controls required. Provides buffer to Alyeska Creek which shall be maintained with an 85-foot setback. Under the GP, compensatory mitigation shall be based on field determination of Relative Ecological Value (REV).</i></p> <p><i>"D" and "P" sites located east of and upslope of Arlberg Road. Require COE Jurisdictional Determination and wetlands delineation required. Larger site adjacent to Chair 7, Alyeska Resort, is headwaters to a stream; maintain an 85-foot setback.</i></p>	A/C/D/P
219	13,14, 15,16	<p>UPPER GLACIER CREEK AND WINNER CREEK VALLEYS (47.98 acres approx.; Public Ownership) (Scores: Not Assessed).</p> <p><i>Requires COE Jurisdictional Determination and delineation of wetlands and waterways.</i> Includes wetlands in Glacier valley floodplain and on plateau in the Winner Creek Valley. Contains numerous ponds and tributaries. Important for flood control in lower valley and for fish and wildlife habitat. <i>Development should avoid wet meadows and channels to maximum extent. An 85-foot setback shall be maintained from streams, 25-foot setback from drainageways, and waterbodies. Upper Winner Creek Valley sites are mostly riparian and in the floodplain and shall be preserved to the maximum extent.</i></p>	B

Site #	Map #	Management Strategies, Enforceable and Administrative Policies: Includes for each wetland a Site Description, Acreage of wetland unit, ownership, "Scores" refer to the Anchorage Wetlands Assessment Methodology (reference Chapter 2, II. Resource Inventory, A. Background, for scoring information)	New Designation or Classification
160	4	INDIAN VALLEY (7.51 acres; Private Ownership) (Scores: Hydrology = 65; Habitat = 76; Species Occurrence = 19; Social Function = 35) Values for flood and stormwater attenuation, water quality, habitat and open space/aesthetics. "A" wetlands are preserved by permit in Chugach Park View Subdivision. Streams, drainageways and springs shall be maintained for water quality, flood control via 65-foot setback. COE Jurisdictional Determination and additional wetlands delineation required.	A
161	5	SOUTH INDIAN (15.87 acres; Private Ownership) (2011Scores: Hydrology = 100; Habitat = 99; Species Occurrence = 21; Social Function = 63) Values for flood attenuation, habitat and open space/aesthetics. Streams to be maintained with 65-foot setbacks. Any potential development should avoid the wet meadows; center of wetland is a potential enhancement area. COE Jurisdictional Determination and additional wetlands delineation required.	B
170	6	BIRD CREEK REGIONAL PARK (26.99 acres; Public Ownership)(Scores: Hydrology = 85; Habitat = 95; Species Occurrence = 96; Social Function = 57) Values for flood attenuation, habitat and open space/aesthetics. "A" wetlands adjacent to Bird Creek have significant hydrology and fisheries values which should be preserved. COE Jurisdictional Determination and delineation required. Maintain 65-foot setback from streams and tributaries unless ADFG determines waterways have anadromous fish habitat, then 100-foot setback is applicable. "C" wetlands within the Bird Creek Regional Park may be eligible for the General Permit . GP Site Restrictions and Design Criteria: Construction timing window; Identify surface water features; BMPs for local flooding and stormwater controls required.	A/C
171	7, 8	BIRD CREEK VALLEY (11.9 acres; Public & Private Ownership) (2011Scores: Hydrology = 80; Habitat = 80; Species Occurrence = 21; Social Function = 55). Values for habitat, water quality, open space/aesthetics. Small sites with stream connections; maintain function as stream headwaters. Streams and waterways shall be identified and avoided via 65-foot setbacks. Wetland located at Alaska Railroad milepost 85.6 has been documented by ADFG as anadromous and tidally influenced; maintain 100-foot setbacks from any waterways. The larger parcels adjacent to the highway are designated "B." "C" wetlands are eligible for the General Permit : GP Site Restrictions and Design Criteria: Construction timing window; Identify surface water features; BMPs for local flooding and stormwater controls required. "D" wetlands require COE Jurisdictional Determination and wetlands Delineation.	B/C/D
172	10	SOUTH OF BIRD—ROADSIDE AVALANCHE PONDS (23.07 acres; Public Ownership) (2011Scores: Hydrology = 90; Habitat = 121; Species Occurrence = 58; Social Function = 53) Anadromous fish use in ponds; possible fish-rearing habitat. Values for flood and stormwater attenuation, habitat, and open space/aesthetics. Cross-drainage within flow paths shall be maintained.	A

Site #	Map #	Management Strategies, Enforceable and Administrative Policies: Includes for each wetland a Site Description, Acreage of wetland unit, ownership, "Scores" refer to the Anchorage Wetlands Assessment Methodology (reference Chapter 2, II. Resource Inventory, A. Background, for scoring information)	New Designation or Classification
173	10, 11	<p>SOUTH OF BIRD—AT SEWARD HWY (4.13 acres; Public Ownership) (2011 Scores: Hydrology = 92; Habitat = 87; Species Occurrence = 16; Social Function = 61) Values for flood and stormwater attenuation, habitat and open space/aesthetics. <i>Drainageways require a 25-foot setback.</i> "C" wetlands along the highway, from the community of Bird to Bird Point: eligible for the General Permit. GP Site Restrictions and Design Criteria: <i>Construction timing window; Identify surface water features; BMPs for local flooding and stormwater controls required. Visual Screening provisions required.</i></p>	C
174	11, 12	<p>BIRD POINT (9.1 acres; Public Ownership) (2011 Scores: Hydrology = 80; Habitat = 100; Species Occurrence = 58; Social Function = 59) High bird use, water quality, and flood attenuation values. Unique site; one of few open freshwater sites between Anchorage and Girdwood. <i>Minor transportation/utility-related fills could occur but shall avoid open water, wet meadows and drainages. Maintain 100-foot setback from ponds and waterways to maximum extent possible.</i></p>	A
180	39, 40, 41, 42	<p>PORTAGE VALLEY (4.40 acres "C," 961 acres "D," and 1307 acres "P"; Private and ARR Ownership) (Scores: Hydrology = 58; Habitat = 65; Species Occurrence = 61; Social Function = 27) Values for flood attenuation, habitat, and open space/aesthetics. Extensive wetlands potential in the area based on aerial photo interpretation and hydric soils information. Further investigation is required before the area can be fully mapped, which is the intention of the Turnagain Arm Plan. Consult with ADFG to determine fish presence in non-specified water bodies. Anadromous fish use has been documented by the ADFG at Seward Highway mileposts 75.8, 77, 78, 79 and 80.5; maintain 100-foot setback from anadromous fish streams. "P" wetlands: COE Jurisdictional Determination and wetlands delineation required as wetlands mapping based largely on aerial photo and topographic information. <i>A 25-foot transitional buffer shall be maintained between authorized fill and adjacent intertidal wetlands. All stormwater must be treated on-site before being released to adjacent wetlands. Stream and drainageway setbacks: where anadromous fish are present, 100-foot setback applicable; 85-foot setback for headwater streams, 65-foot setback for other streams located within wetlands; 25-foot setback for drainageways.</i> "D" wetlands: partially intertidal at the mouths of Portage Creek, Twentymile and Placer Rivers. <i>100-foot setback from streams/rivers required for anadromous fish. Fill should be minimized to the maximum extent possible due to tidal flooding.</i> "C" wetland, SE Seward Hwy at Portage Glacier Road is General Permit eligible: GP Site Restrictions and Design Criteria: <i>Construction timing window; Identify surface water features; BMPs for local flooding and stormwater controls required. Visual Screening provisions required. Maintain a 100-foot setback from Portage Creek and other anadromous fish bearing streams.</i></p>	C/D/P

Site #	Map #	Management Strategies, Enforceable and Administrative Policies: Includes for each wetland a Site Description, Acreage of wetland unit, ownership, "Scores" refer to the Anchorage Wetlands Assessment Methodology (reference Chapter 2, II. Resource Inventory, A. Background, for scoring information)	New Designation or Classification
190	29, 30, 31	<u>GIRDWOOD TO PORTAGE PONDS</u> (104.15 acres; Public Ownership) (Not assessed) Ponds, streams and wetlands along inland side of Seward Highway between Virgin Creek and Twentymile River may be tidally influenced. Anadromous fish use has been documented by ADFG at Seward Hwy mileposts 82, 83.4, 84, 85.3, 86.2, 87 and 88. <i>Maintain existing flow paths and accommodate fish passage to the maximum extent possible. Limit development within ponds and streams to that which is necessary to maintain transportation related infrastructure.</i>	D
201	23, 24, 25	<u>GIRDWOOD: TIDEWATER SLOUGH</u> (89.78 acres; Public Ownership) (Scores: Hydrology = 97; Habitat = 106; Species Occurrence = 85; Social Function = 50). Southwestern corner of Girdwood Valley; NW of Toadstool Drive and Seward Highway Portion south of railroad is within intertidal wetlands. North of railroad, wetland provides high fish/wildlife habitat; could be used as a habitat enhancement site. <i>Limited trails, utility development may be possible but shall be limited to existing easements or at fringes. 100-foot setback required to protect anadromous fish resources. "D" wetlands require COE Jurisdictional Determination and wetland delineation.</i>	A/D
202	25	<u>NORTHEAST SEWARD HIGHWAY AND ALYESKA HWY</u> (24.88 acres; Public Ownership) (Scores: Hydrology = 94; Habitat = 108; Species Occurrence = 42; Social Function = 57). North of Seward Highway to railroad; between Toadstool Drive and Alyeska Highway. Site has tidal influence at highest tides otherwise mostly freshwater; habitat, water quality and open space values. Habitat enhancement possible by developing interconnected ponds. Drainageway in northwest corner shall be delineated and retained; requires a minimum 25-foot setback. "C" wetlands in Northeast section (approximately 3-5 acres) is a transitional wetland; eligible for General Permit . GP Site Restrictions and Design Criteria: <i>Construction timing window; Identify surface water features; BMPs for local flooding and stormwater controls required. A 25-foot transitional buffer shall be maintained between "A" wetlands and any fill authorized under the GPs.</i> This site is one of very few potential transportation facility zones within the Girdwood area and the <i>Girdwood Area Plan</i> (1995) further identifies this wetland for Commercial Land Use. <i>Transportation facilities should be located within the NE corner of the "C" wetlands. Encroachment of fill into "A" wetland zone could occur for commercial uses and/or public facilities but drainage and habitat functions shall be avoided and retained or replaced within the same wetland.</i>	A/C
203	25	<u>OLD GIRDWOOD TOWNSITE</u> (1.95 acres; Private Ownership) (Scores: Not Assessed). Values for stormwater and flood attenuation based on position in floodplain. <i>COE Jurisdictional Determination and wetlands delineation required.</i> Wetlands are eligible for the General Permit . GP Site Restrictions and Design Criteria: <i>Construction timing window; Identify surface water features; BMPs for local flooding and stormwater controls required.</i>	C

Site #	Map #	Management Strategies, Enforceable and Administrative Policies: Includes for each wetland a Site Description, Acreage of wetland unit, ownership, "Scores" refer to the Anchorage Wetlands Assessment Methodology (reference Chapter 2, II. Resource Inventory, A. Background, for scoring information)	New Designation or Classification
204	25	SOUTH OF GOLD AVENUE, WEST OF GLACIER CREEK (2.72 acres; Private Ownership) (Scores: Hydrology = 69; Habitat = 73; Species Occurrence = 28; Social Function = 56). Values for stormwater and flood attenuation, groundwater recharge, habitat and water quality. <i>COE Jurisdictional Determination and delineation required. Tidal influenced channels provide anadromous fish habitat; require setbacks of 100 feet. Potential for drier outer fringes of wetland to be developed. The larger wet, sedge meadow adjacent to the highway shall be preserved to the maximum extent practicable as should wetland and drainage connectivity.</i>	B
205	25, 26, 27	EAST OF GLACIER CREEK: VIRGIN CREEK FLOODPLAIN (220.7 acres; Public Ownership) (Scores: Hydrology = 77; Habitat = 126; Species Occurrence = 82; Social Function = 58). Assessment refers to area between the Alaska Railroad and the Seward Highway. High values for bird and fish habitat; conveys middle and lower Virgin Creek watershed. This side of the valley is the only location for an alternate road and utility access for upper Girdwood Valley which may require placement through wetlands. <i>Fills for railroad/highway improvements and utilities, new or existing, shall avoid wet meadows, channels and floodplain to the maximum extent. COE Jurisdictional Determination and wetlands delineation required.</i>	A
206	25, 26	GLACIER TO VIRGIN CREEK (6.12 acres approx.; Public Ownership) (Scores: Not Assessed). NE of wetland unit #205, within floodplains of Virgin and Glacier Creeks. Due to position within floodplain, <i>site provides flood attenuation and fish habitat values which shall be preserved. COE Jurisdictional Determination and wetlands delineation required.</i>	A
207	25	CALIFORNIA TO GLACIER CREEK: RUANE RD TO RAILROAD (23.15 acres; Public Ownership) (Scores: Not Assessed) 3 sites: "A" wetland is the southernmost, larger wetland within confluence zone of California and Glacier Creeks; importance for floodplain, water quality and fish habitat. Northern two sites are largely developed. <i>COE Jurisdictional Determination and wetland delineation required. Maintain 100-foot setbacks from streams, 25-foot setback from drainageways.</i>	A
208	23, 25	LOWER VALLEY: ALYESKA HIGHWAY (2.6 acres; Private Ownership) (Scores: Hydrology = 73; Habitat = 42; Species Occurrence = 17; Social Function = 43). North side Alyeska Hwy from Jewell Mine Rd to Doran Lane. Values for stormwater attenuation and open space/aesthetics. <i>COE Jurisdictional Determination required. Wetlands are eligible for General Permit. GP Site Restrictions and Design Criteria: Construction timing window; Identify surface water features; BMPs for local flooding and stormwater controls required.</i>	C
209	22, 23	ALYESKA HIGHWAY TO CALIFORNIA CREEK, aka "SQUIRREL CAGE" (88.71 acres; Public & Private Ownership) (Scores: Hydrology = 110; Habitat = 130; Species Occurrence = 85; Social Function = 56) Located within the floodplain of California Creek; values for flood attenuation and water quality. Provides diverse, high value fish/wildlife habitat functions; breeding area for several significant species. <i>Future development should be concentrated at the fringes where wetland transitions to upland, to the maximum extent. Requires COE Jurisdictional Determination and delineation for waterways. Setbacks from streams are 100 feet to protect anadromous fish.</i>	A

Site #	Map #	Management Strategies, Enforceable and Administrative Policies: Includes for each wetland a Site Description, Acreage of wetland unit, ownership, "Scores" refer to the Anchorage Wetlands Assessment Methodology (reference Chapter 2, II. Resource Inventory, A. Background, for scoring information)	New Designation or Classification
210	23	<p>NORTHWEST OF ALYESKA HIGHWAY AT JUNIPER DRIVE (1.11 acres; Public Ownership) (Scores: Not Assessed)</p> <p>COE Jurisdictional Determination and wetland delineation required. Site is eligible for the General Permit. GP Site Restrictions and Design Criteria: <i>Construction timing window; Identify surface water features; BMPs for local flooding and stormwater controls required. Under the GP, compensatory mitigation shall be based on field determination of Relative Ecological Value (REV).</i></p>	C
211	22	<p>SOUTHWEST ALYESKA SUBDIVISION (21.2 acres approx.; Public Ownership) (Scores: Not Assessed). Values for habitat, stormwater and flood attenuation and water quality. <i>Higher value wet meadows and the interface zone between wet meadows and forest edges should be avoided. The Girdwood Area Plan (1995) and the Girdwood Commercial Areas Transportation Master Plan (2001) identified a future right-of-way, which could be located in less valuable wetland fringes, along with minor park and trail amenities. Located in only suitable area for transportation and recreation corridors. Requires COE Jurisdictional Determination and delineation for waterways. Drainageway setbacks are 25 feet.</i></p>	A
212	21, 22	<p>ALYESKA SUBDIVISION: WEST OF BARREN AVE (2.13 acres; Public Ownership—"A" wetlands; Private Ownership—"C" wetlands) (Scores: Hydrology = 112; Habitat = 96; Species Occurrence = 60; Social Function = 47). Assessed together with unit #213.</p> <p>Values for watershed recharge, flood attenuation and habitat. "A" wetlands are primarily Municipal lands. The <i>Girdwood Commercial Areas Transportation Master Plan (2001)</i> identifies collector road on western portions of wetland. <i>Any development should avoid floodplains, waterways and wet meadows. Further wetland and waterbody delineation required.</i></p> <p>"C" wetlands: eligible for the General Permit. GP Site Restrictions and Design Criteria: <i>Construction timing window; Identify surface water features; BMPs for local flooding and stormwater controls required. A 100-foot setback from Glacier Creek and the tributary (west of Barren Ave.), shall be maintained to protect anadromous fish resources. Cross-drainage shall be maintained. Fill shall be limited to the minimum necessary for utilities, pads for a house and accessory structure, and single-lane access driveway. Fill for a yard is not authorized in this unit under the GP. Maintain a 25-foot transitional buffer between fill authorized under the GP and "A" wetlands. Under the GP, compensatory mitigation within GP eligible sites shall be based on field determination of Relative Ecological Value (REV).</i></p>	A/C

Site #	Map #	Management Strategies, Enforceable and Administrative Policies: Includes for each wetland a Site Description, Acreage of wetland unit, ownership, "Scores" refer to the Anchorage Wetlands Assessment Methodology (reference Chapter 2, II. Resource Inventory, A. Background, for scoring information)	New Designation or Classification
213	21,22	<p>ALYESKA SUBDIVISION (38.48 acres; Public Ownership—"A" wetlands; Private Ownership—"C" wetlands) (Scores: Hydrology = 112; Habitat = 96; Species Occurrence = 60; Social Function = 47). Assessed together with unit #212. Values for watershed recharge, flood attenuation and habitat. Site #213 is the largest and one of a few areas of private land suitable for residential expansion in the Girdwood Valley.</p> <p>"A" wetlands: HLB property; retain the wet meadow and stream headwaters area in tract B1, Alpine View Estates, which is not eligible for the General Permit. <i>Tract contains a headwaters stream, which is a Glacier Creek tributary; per ADFG, beaver dams may preclude most anadromous fish use however, Dolly Varden are present and rearing salmon possible.</i></p> <p>"C" wetlands are eligible for the General Permit. GP Site Restrictions and Design Criteria: <i>Construction timing window; Identify surface water features; BMPs for local flooding and stormwater controls required. Maintain an 85-foot setback from the Glacier Creek tributary, unless survey proves anadromous fish use, then a 100-foot setback is warranted. Maintain a 65-foot setback from other non-anadromous streams and 25-foot setback from drainageways. Maintain a 25-foot transitional buffer between fill authorized under the GP and "A" wetlands. Under the GP, compensatory mitigation shall be based on field determination of Relative Ecological Value (REV).</i></p> <p>"D" wetlands require COE Jurisdictional Determination, wetland delineation and WMS survey for waterways.</p>	A/C/D
214	21	<p>CORTINA DRIVE (1.14 acres; Private Ownership) (Scores: Hydrology = 84; Habitat = 61; Species Occurrence = 26; Social Function = 42). Values for stormwater, flood attenuation. <i>COE Jurisdictional Determination and wetland delineation of waterways required.</i></p> <p>Site is eligible for the General Permit. 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 setback from drainageways.</i></p>	C
215 and 216	18,22	<p>NW CROW CREEK ROAD AT ALYESKA HWY (42.86 acres; Public & Private Ownership) (Scores: Hydrology = 98; Habitat = 73; Species Occurrence = 32; Social Function = 59). Provides hydrology values of flood attenuation and recharge to California Creek, water quality and open space/aesthetics functions. <i>These main functions shall be retained by avoiding wet meadows and channels. Requires COE Jurisdictional Determination and delineation of waterways. Maintain a 100-foot setback from California Creek; 85-foot setback from headwater streams, 25-foot setback from drainageways.</i></p>	B
217	16,17	<p>CROW CREEK ROAD: WEST (5.32 acres; Public Ownership) (Scores: Hydrology = 81; Habitat = 85; Species Occurrence = 61; Social Function = 42). Importance for flood attenuation, groundwater recharge, water quality, habitat and open space/aesthetics. <i>"B" wetlands west of road shall be retained to the maximum extent possible. Maintain 65-foot setback for streams and 25-foot setback for drainageways. Avoid wet meadows and waterways. COE Jurisdictional Determination, wetland delineation and survey for waterways is required.</i></p>	B

Site #	Map #	Management Strategies, Enforceable and Administrative Policies: Includes for each wetland a Site Description, Acreage of wetland unit, ownership, "Scores" refer to the Anchorage Wetlands Assessment Methodology (reference Chapter 2, II. Resource Inventory, A. Background, for scoring information)	New Designation or Classification
217,217 A	17,18, 19	<p>CROW CREEK ROAD—EAST (23.19 acres; Public Ownership) (Scores: Hydrology = 68; Habitat = 76; Species Occurrence = 50; Social Function = 44).</p> <p><i>Includes previously unmapped sites (D) within proposed Holton Hills Subdivision east of Crow Creek Road. COE Jurisdictional Determination and delineation including waterways required. Tiny Creek requires minimum 65-foot setback unless anadromous fish use evident, then 100-foot setback is appropriate.</i></p> <p><i>"A" wetlands east of road shall be maintained to the maximum extent possible. Lies within floodplain and retention area.</i></p>	A/D
218	19	<p>MOOSE MEADOWS (183.16 acres; Public Ownership) (Scores: Hydrology = 111; Habitat = 105; Species Occurrence = 67; Social Function = 64)</p> <p>Unique habitat type within Municipality: patterned ground fen with stream channels. Provides recharge and flood control for several tributaries of Glacier and Alyeska Creek. Edge between forest and wet meadows are of hydrologic importance. <i>Maintain hydrologic interface and core wetland sedge meadows.</i> Overall values for flood attenuation and groundwater recharge, water quality, habitat and open space/aesthetics. Winter recreation level of use is high; non-motorized sports appropriate. <i>COE Jurisdictional Determination, wetland delineation and survey for waterways required.</i></p> <p>Site along Aspen Mountain Road designated "C"; site is eligible for the General Permit. GP Site Restrictions and Design Criteria: <i>Construction timing window; Identify surface water features; BMPs for local flooding and stormwater controls required. Provides buffer to Alyeska Creek which shall be maintained with an 85-foot setback. Under the GP, compensatory mitigation shall be based on field determination of Relative Ecological Value (REV).</i></p> <p><i>"D" and "P" sites located east of and upslope of Arlberg Road. Require COE Jurisdictional Determination and wetlands delineation required. Larger site adjacent to Chair 7, Alyeska Resort, is headwaters to a stream; maintain an 85-foot setback.</i></p>	A/C/D/P
219	13,14, 15,16	<p>UPPER GLACIER CREEK AND WINNER CREEK VALLEYS (47.98 acres approx.; Public Ownership) (Scores: Not Assessed).</p> <p><i>Requires COE Jurisdictional Determination and delineation of wetlands and waterways.</i> Includes wetlands in Glacier valley floodplain and on plateau in the Winner Creek Valley. Contains numerous ponds and tributaries. Important for flood control in lower valley and for fish and wildlife habitat. <i>Development should avoid wet meadows and channels to maximum extent. An 85-foot setback shall be maintained from streams, 25-foot setback from drainageways, and waterbodies. Upper Winner Creek Valley sites are mostly riparian and in the floodplain and shall be preserved to the maximum extent.</i></p>	B