



Public Notice

US Army Corps
of Engineers

Alaska District
Regulatory Branch
Post Office Box 6898
Elmendorf AFB, Alaska 99506-6898

Date: 2 February 2005

Expiration: 4 March 2005

Identification Number

SPN 2005-01

In reply refer to above Identification
See page 6 for contact information.

SPECIAL PUBLIC NOTICE (SPN) 05-01

RENEWAL of MODIFIED GENERAL PERMITS
93-10N, 93-11N, 93-12N, 93-13N and 93-14N

ANCHORAGE WETLANDS MANAGEMENT PLAN REVISION

Interested parties are hereby notified that the Alaska District Corps of Engineers (Alaska District), in accordance with Title 33 CFR 325.2 (e) (2), as published in the Federal Register, Volume 51, Number 219, is soliciting comments on the modification and reissuance of the existing five General Permits (GPs) (93-10N, 93-11N, 93-12N, 93-13N and 93-14N) pursuant to Section 404 of the Clean Water Act (PL 95-217, 33 U.S.C. 1344) for the placement of fill material into wetlands within the Municipality of Anchorage, which were designated "C" in the Anchorage Wetlands Management Plan (AWMP) Revision, April 1996, and as further revised in the Department of the Army (DA) public notice, dated March 17, 2000, and this public notice. GP 93-10N is for residential fill pads, site preparation, and driveways; GP 93-11N is for roads and other linear developments; GP 93-12N is for commercial, institutional, and community development and parking lots; GP 93-13N is for industrial developments; and GP 93-14N is for wetland, habitat, and water quality enhancement. These GPs were renewed with modifications on March 17, 2000, and expire on March 17, 2005.

Special Public Notice 2003-02, dated February 25, 2003, adjusted the dollar amount for fee in lieu of mitigation to \$6,939 per acre for losses of wetlands subject to the GPs; Great Land Trust determined this dollar amount based on an engineering study of the costs of a range of restoration projects in the Anchorage area. No further study has been done to provide a basis for a change in this amount at this time.

Comments made during the comment period will be considered in the preparation of an environmental assessment and/or an environmental impact statement pursuant to the National Environmental Policy Act (NEPA). The focus of this NEPA document will be on the current wetland situation in Anchorage and the anticipated impacts associated with an extension of the general permits. Approximately 18 formerly unmapped wetlands are proposed for inclusion in the proposed GPs; maps showing their locations are provided in Attachment 1. A list of substantive changes from the existing GPs is given in Attachment 2. Anyone needing a copy of the current GPs may contact the Anchorage office of the Alaska District at 753-2724 or refer to the Corps website www.poa.usace.army.mil/reg/default.htm.

A further public notice soliciting additional comments will be issued only if substantive changes expanding the scope of the GPs are proposed. A public notice providing the revised text will be published when all the comments received have been considered, and a NEPA document has been completed.

Review of Fill Permits Issued in the Area
Covered by the AWMP Revision (April 1996)
Between October 1999 and December 31, 2004

A preliminary review has been done of the distribution of general permit (GP) verifications by watershed: The acreages described are those that were permitted; the entire authorized acreage may not have been filled at this time.

- GP 93-10M: Residential fill pads, site preparation, and driveways.
- GP 93-11M: Roads and other linear developments.
- GP 93-12M: Commercial, institutional, and community development.
- GP 93-13M: Industrial developments.
- GP 93-14M: Wetland, habitat, and water quality enhancement.

TOTALS: Total # GPs: 76; Total Acreage: approximately 100 acres.

ANCHORAGE BOWL: Total 61 GPs, 84.736 acres.

Campbell Creek: 25 GPs, 44.71 total acres. Note: 15 were for use of residential GP 93-10M, often in combination with use of linear GP 93-11M, 3 were for use of just GP 93-11M, 2 were for use of commercial/institutional GP 93-12M, and 5 were for use of industrial GP 93-13M.

Little Campbell Creek: 18 GPs, 17.4 acres. Eleven uses of GP 93-10M, of which 9 were in combination with GP 93-11M. Two were uses of just GP 93-11M. Three were for use of GP 93-12M. Two were for use of GP 93-13M.

Furrow Creek: 2 GPs, 0.9 acre. Both were for use of GP 93-10M; one of these was in combination with GP 93-11M.

Airport Area and Along Knik Arm: None.

Chester Creek: 5 GPs, 9.47 acres. Four of these were for 93-10M, one of which was with 93-11M. One was for 93-11M alone.

Little Rabbit Creek: 3 GPs, 0.53 acre. Two were for use of 93-10M; one was for use of 93-11M.

Fish Creek: 8 GPs, 11.726 acres. Of these, 1 was for use of GP 93-10M, 1 was for use of GP 93-11M alone, 2 were for GP 93-11M in combination with GP 93-13M, 3 were for use of GP 93-12M, and 1 was for use of GP 93-13 alone.

Ship Creek: None.

OUTSIDE ANCHORAGE BOWL:

EAGLE RIVER AREA: Total: 6 GPs, 5.93 acres. Three were for use of GP 93-10, and 1 was for use of GP 93-11M in combination with 93-10M. Two were for just use of GP 93-11M. One was for use of 93-12M.

Eagle River: 1 GP, 2.49 acres.

Fire Creek: 1 GP, 0.77 acre.

Mink Creek: 1 GP, 0.25 acre

Mirror Lake: 1 GP, 0.02 acre.

Parks Creek: 1 GP, 0.2 acre

Peter's Creek: 1 GP, 2.2 acres.

GIRDWOOD AREA: Total: 9 GPs, 9.075 acres. Of these, 8 were for use of GP 93-10M, of which, two were in combination with GP 93-11M. One was just for use of GP 93-11M.

Alyeska Creek: 1 GP, 0.03 acre.

Glacier Creek: 8 GPs, 9.045 acres.

In the following summaries, work in open water, for example, dredging for boat or floatplane slips, is not described.

INDIVIDUAL PERMITS

A survey has been completed of the individual Department of the Army permits issued in the area covered by the AWMP Revision (April 1996) between January 1999, and December 31, 2004. These permits involved actions in unmapped wetlands and those designated "A", "B", and "C", including those proposed in water body setbacks and transitional buffers. [Acreage associated with the issuance of most of the Nationwide Permits was not assessed; in general, Nationwide Permits involve only minor fills.]

ANCHORAGE BOWL: Total acreage impacted: approximately 155.419 acres.

Cook Inlet/Ship Creek/Knik Arm Area: 0.693 acre (29.27 acres tidelands, 0.43 acre creek)

Campbell Creek Watershed: Approximately 75.49 acres.

Campbell Lake: 0.002 acre

Little Campbell Creek Watershed: Approximately 2.12 acres.

Chester Creek Watershed: Approximately 1.643 acres

Fish Creek Watershed: Approximately 17.634 acres

Klatt Bog Area: 5.65 acres

Anchorage Airport/Turnagain Bog/Postmark Bog Area: 25.069 acres

Lake Hood Area: 7.03 acres

Rabbit Creek/Little Rabbit Creek Watershed: 6.54 acres

Blueberry Lake: 12.5 acres

DeLong Lake: 0.42 acre

Sand Lake: 0.43 acre

Furrow Creek: 0.13 acre

Potter Marsh/Potter Creek 0.014 acre

Eagle River Area: Approximately 6.39 acres.

Turnagain Arm/Girdwood Area: Approximately 3.921 acres,

TOTAL ACREAGES:

Acreage associated with issuance of Nationwide Permits was not assessed.

Anchorage Bowl: 84.736 acres by GPs + 155.419 by IPs = Approximately 240.155 acres

Eagle River: 5.93 acres by GPs + 6.39 acres by IPs = Approximately 12.32 acres

Turnagain/Girdwood Area: 9.075 acres by GPs + 3.921 acres by IPs = Approximately 12.996 acres

APPROXIMATE TOTAL ACREAGE IN MUNICIPALITY OF ANCHORAGE: Approximately 265.47 acres of wetlands.

WATER QUALITY CERTIFICATION: The GPs will not be reissued until a certification or waiver of certification as required under Section 401 of the Clean Water Act (Public Law 95-217) has been received from the Alaska Department of Environmental Conservation.

COASTAL ZONE MANAGEMENT ACT CERTIFICATION: Notice is hereby given that a consistency determination is being provided to the Office of Project Management and Permitting as provided in Section 307(c)(1) of the Coastal Zone Management (CZM) Act of 1972, as amended by 16 U.S.C. 1456(c)(3), that the project described in this DA Special Public Notice 05-01, will comply with the Alaska Coastal Management Program (ACMP) and will be conducted in a manner consistent to the maximum extent practicable with that program. The proposed revision of the Anchorage GPs is a continuation of the GPs that were certified as consistent with the ACMP January 6, 2000. Proposed changes are consistent with the policies in the Anchorage Wetlands Management Plan Revision (April 1996), which is an element of the Anchorage Coastal District plan.

The Office of Project Management and Permitting requests your comments on the proposed project's consistency with the Alaska Coastal Management Program. For more information on the consistency review process, comment deadlines,

and affected coastal district status, or to submit written comments, please contact the Office of Project Management and Permitting, 550 West 7th Avenue, Suite 1660, Anchorage, AK 99501, tel. (907) 269-7470.

The revised GPs will not be reissued until the Office of Project Management and Permitting, Alaska Department of Natural Resources has concurred with the Alaska District's certification.

PUBLIC HEARING: Any person may request, in writing, within the comment period specified within this notice, that a public hearing be held to consider this application. Requests for public hearings shall state, with particularity, reasons for holding a public hearing.

CULTURAL RESOURCES: The latest published version of the Alaska Heritage Resources Survey (AHRs) has been consulted for the presence or absence of historic properties, including those listed in or eligible for inclusion in the National Register of Historic Places. The wetland units covered by the revised GPs do not include a registered or eligible property. Consultation of the AHRs constitutes the extent of cultural resource investigations by the District Engineer at this time, and he is otherwise unaware of the presence of such resources. This application is being coordinated with the State Historic Preservation Office (SHPO). Any comments SHPO may have concerning presently unknown archeological or historic data that may be lost or destroyed by work under the proposed reissuance will be considered in our final assessment.

ENDANGERED SPECIES: No threatened or endangered species are known to use the project area. Preliminarily, the described activity will not affect threatened or endangered species, or their critical habitat designated as endangered or threatened, under the Endangered Species Act of 1973 (87 Stat. 844). This application is being coordinated with the U.S. Fish and Wildlife Service and the National Marine Fisheries Service. Any comments they may have concerning endangered or threatened wildlife or plants or their critical habitat will be considered in our final assessment of the GPs.

ESSENTIAL FISH HABITAT: The proposed work is being evaluated for possible effects to Essential Fish Habitat (EFH) pursuant to the Magnuson Stevens Fishery Conservation and Management Act of 1996 (MFSCMA), 16 U.S.C. et seq and associated federal regulations found at 50 CFR 600 Subpart K. The Alaska District includes areas of EFH as Fishery Management Plans. We have reviewed the January 20, 1999, North Pacific Fishery Management Council's Environmental Assessment to locate EFH area as identified by the National Marine Fisheries Service (NMFS). We have determined that the described application of the revised GPs within the proposed area will not adversely affect EFH, including anadromous fish and federally managed fishery resources.

SPECIAL AREA DESIGNATION: The wetland units are described in the Anchorage Wetlands Management Plan Revision, April 1996, were further revised in the DA public notice, dated March 17, 2000, and this DA public notice on these GPs.

EVALUATION: The decision whether to re-issue these GPs will be based on an evaluation of the probable impacts including cumulative impacts of the activity and their intended use on the public interest. Evaluation of the

probable impacts, which the GPs may have on the public interest, requires a careful weighing of all those factors, which become relevant in each particular case. The benefits, which reasonably may be expected to accrue from the proposal, will be balanced against their reasonably foreseeable detriments. The decision to authorize GPs, and if so, the conditions under which they are allowed to occur, will therefore be determined by the outcome of the general balancing process. That decision should reflect the national concern for both protection and utilization of important resources. All factors, which may be relevant to the proposal, must be considered including the cumulative effects thereof. Among those considered are conservation, economics, aesthetics, general environmental concerns, wetlands, cultural values, fish and wildlife values, flood hazards, floodplain values, land use, navigation, shore erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food and fiber production, mineral needs, considerations of property ownership, and, in general, the needs and welfare of the people. For activities involving 404 discharges, a permit will be denied if the discharge that would be authorized by such GPs would not comply with the Environmental Protection Agency's 404(b)(1) guidelines. Subject to the preceding sentence and any other applicable guidelines or criteria (see Sections 320.2 and 320.3), the GPs will be re-issued unless the District Engineer determines that they would be contrary to the public interest.

An extensive analysis and assessment will be performed of the potential individual and cumulative adverse impacts due to the activities authorized under these GPs, and of the similarity in nature and impact of the activities authorized by the GPs. The detailed analysis and assessment will be set out in the administrative record for the Corps' decision, and, in particular, in the Corps' General Permit Evaluation and Decision Document, the Addendum thereto, related memos, and other documents in the record. The results of our analysis will be assessed as to whether the authorized activities in the wetlands covered by the GPs, the discharges of fill material authorized by the GPs, will not result in more than minimal adverse impacts upon water quality and the aquatic environment, either individually or cumulatively, and will be similar in nature and impact (See 40 CFR 230.7).

The Corps of Engineers is soliciting comments from the public; Federal, State, and local agencies and officials; Indian Tribes; and other interested parties in order to consider and evaluate the impacts of this proposed activity. Any comments received will be considered by the Corps of Engineers to determine whether to issue or deny re-issuance of the GPs. To make this decision, comments are used to assess impacts on endangered species, historic properties, water quality, general environmental effects, and the other public interest factors listed above. Comments are used in the preparation of an Environmental Assessment and/or Environmental Impact Statement pursuant to the National Environmental Policy Act. Comments are also used to determine the need for a public hearing and to determine the overall public interest of the proposed activity.

Comments on the described GPs, with the reference numbers, should reach this office no later than the expiration date of this Public Notice to become part of the record and be considered in the decision. Please contact Dr. Mary Lee Plumb-Mentjes at the address on page 1, by FAX at (907) 753-5567, by calling (907) 753-2712, toll-free in Alaska at (800) 478-2712, or by e-mail at Mary.Plumb-Mentjes@poa02.usace.army.mil if further information is desired concerning this notice.

AUTHORITY: These revised GPs will be issued or denied under the following authority: discharge of dredged or fill material into waters of the United States - Section 404 of the Clean Water Act (33 U.S.C. 1344). Therefore, our public interest review will consider the guidelines set forth under Section 404(b) of the Clean Water Act (40 CFR 230).

Notice of Application for Certification of Consistency with the Alaska Coastal Management Program and Notice of Application for State Water Quality Certification are attached to this Public Notice.

District Engineer
US Army Corps of Engineers

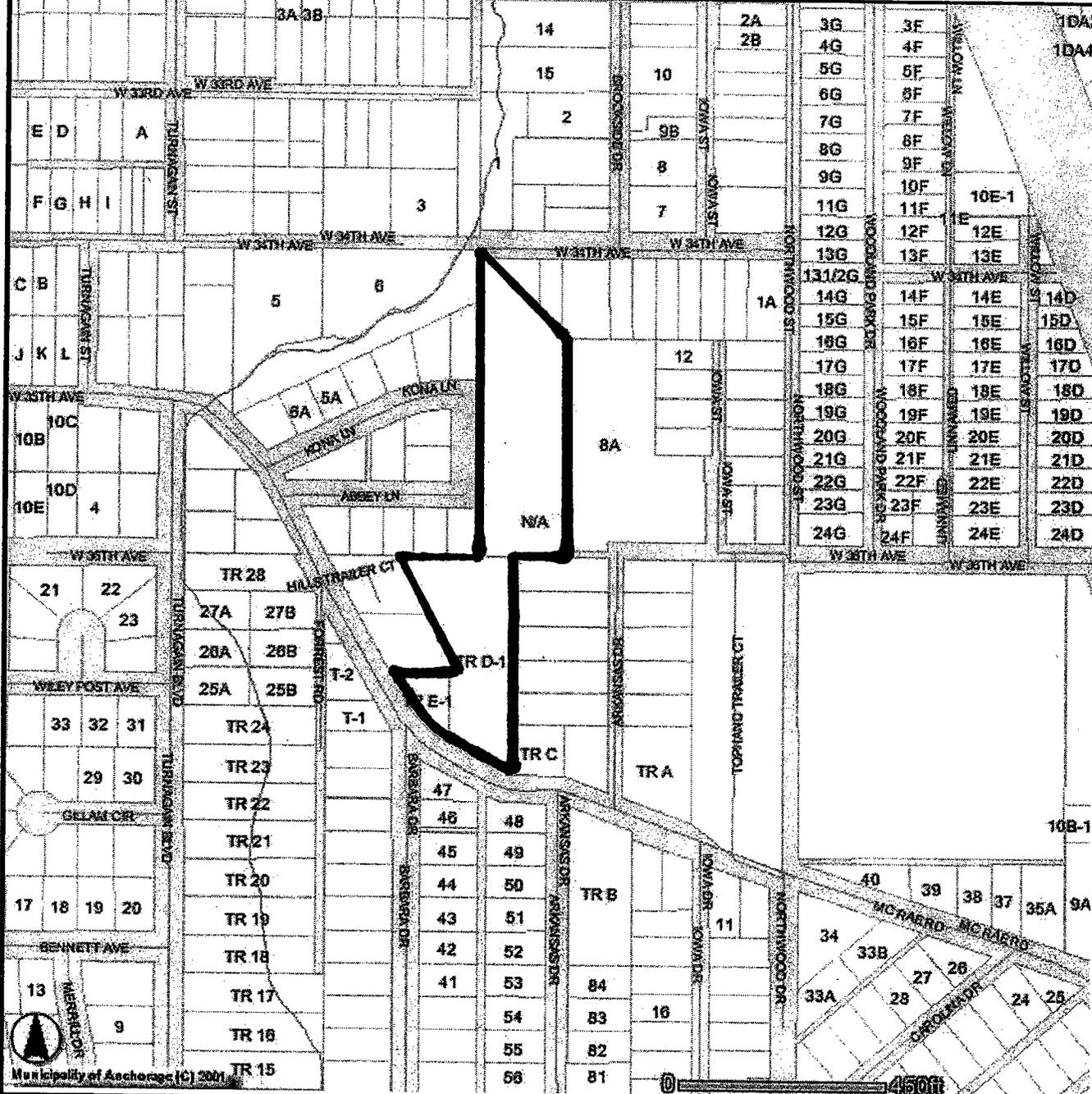
Attachments

Attachment 1

New Sites Proposed for Inclusion in Revised General Permits of 2005

These maps show areas with previously unmapped wetlands. Wetlands that have been verified in the field by Corps and Municipal staff to be appropriate for inclusion in the revised General Permits (GPs) are present on these sites. Generally, the entire site outlined here is not wetland. An applicant wanting to use the GPs at one of these sites shall obtain a wetland delineation prior to applying. The applicant may either request such a delineation from the Corps or provide a delineation performed by a qualified third party, to the Corps for approval.

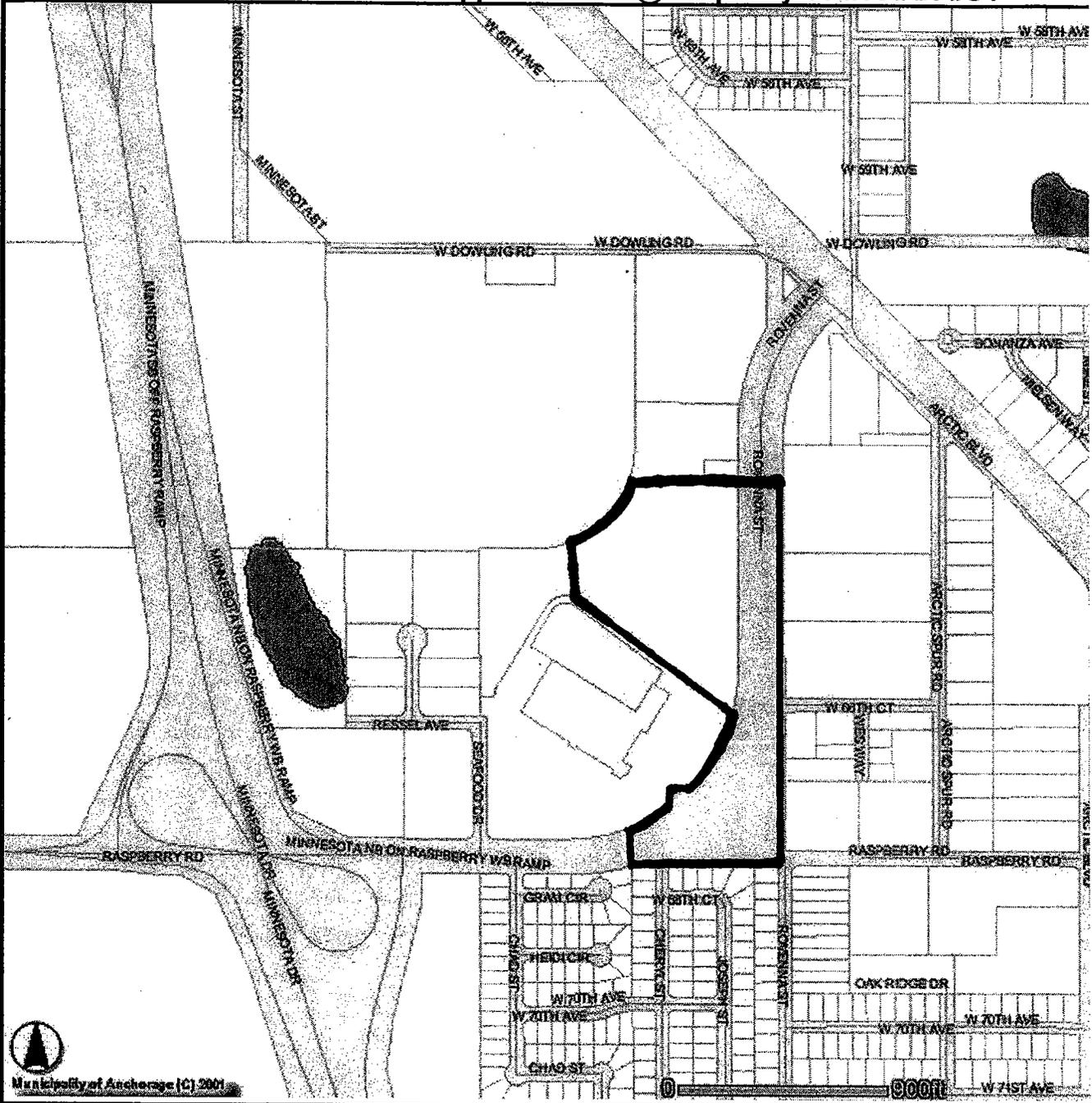
Unmapped Wetlands Woodland Park #U3



Municipality of Anchorage (C) 2001

450ft

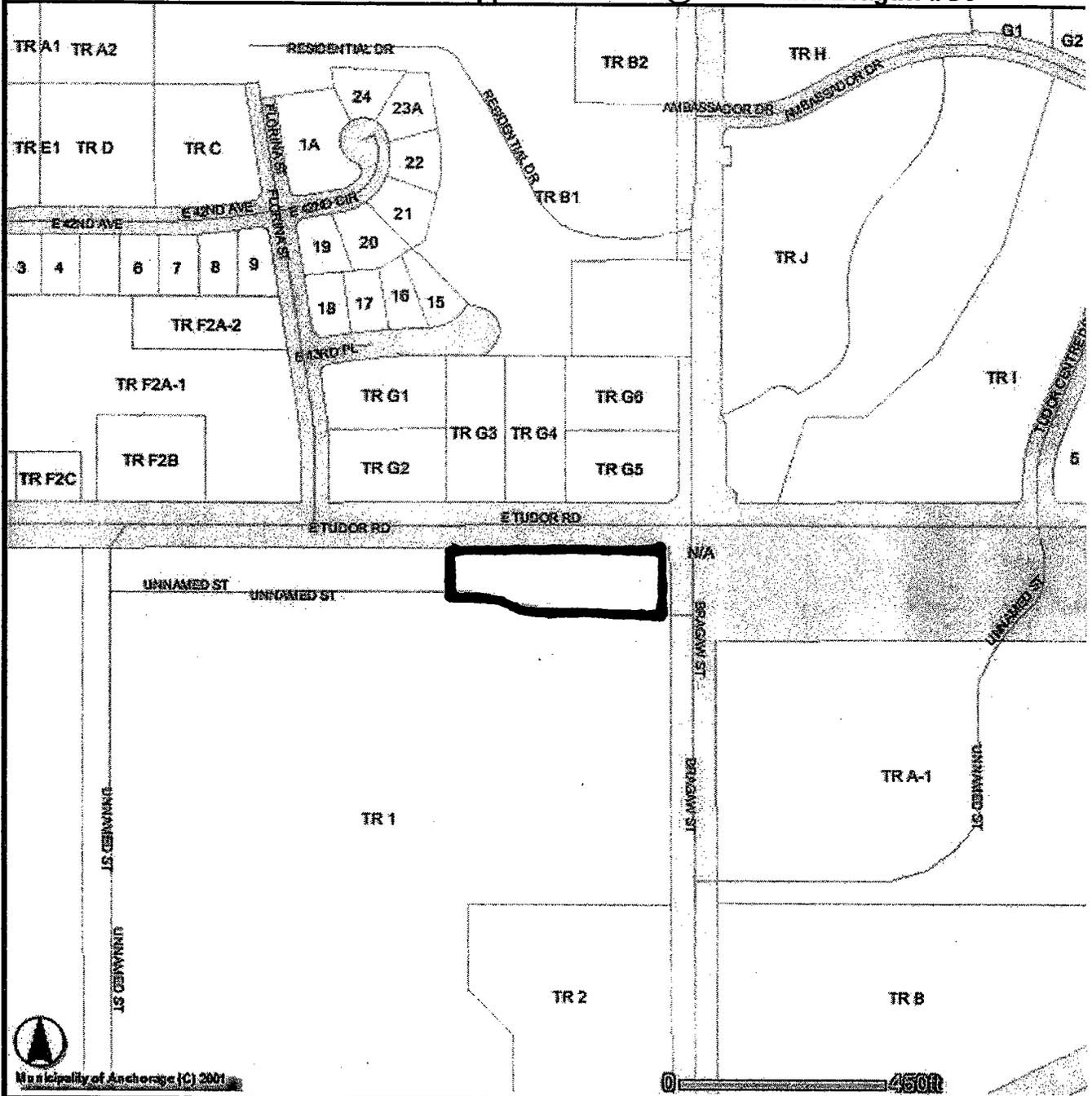
Unmapped Wetland @ Raspberry/Seafood Dr #U4



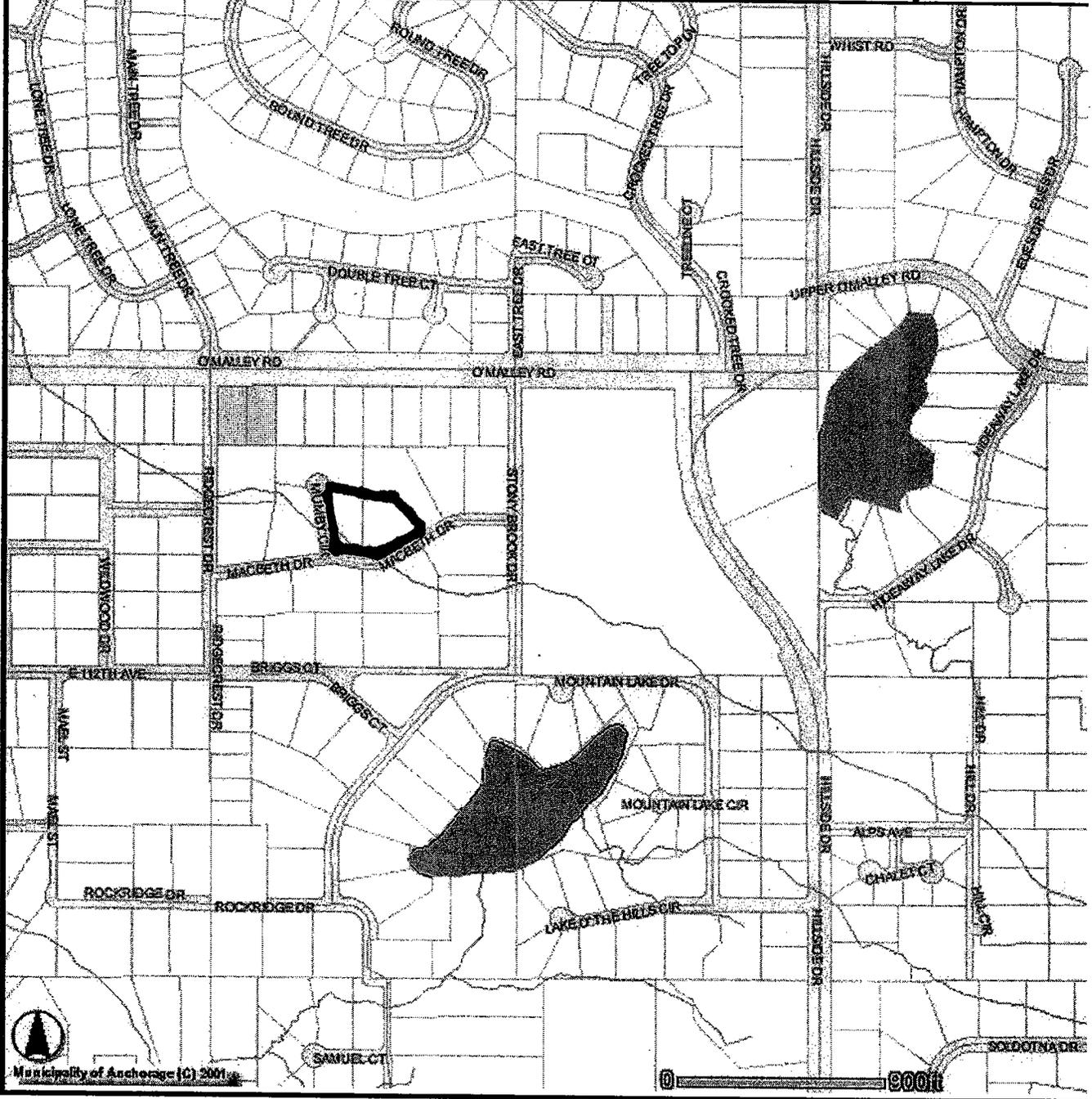
Municipality of Anchorage (C) 2001

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Unmapped Wetlands @ Tudor and Bragaw #U6



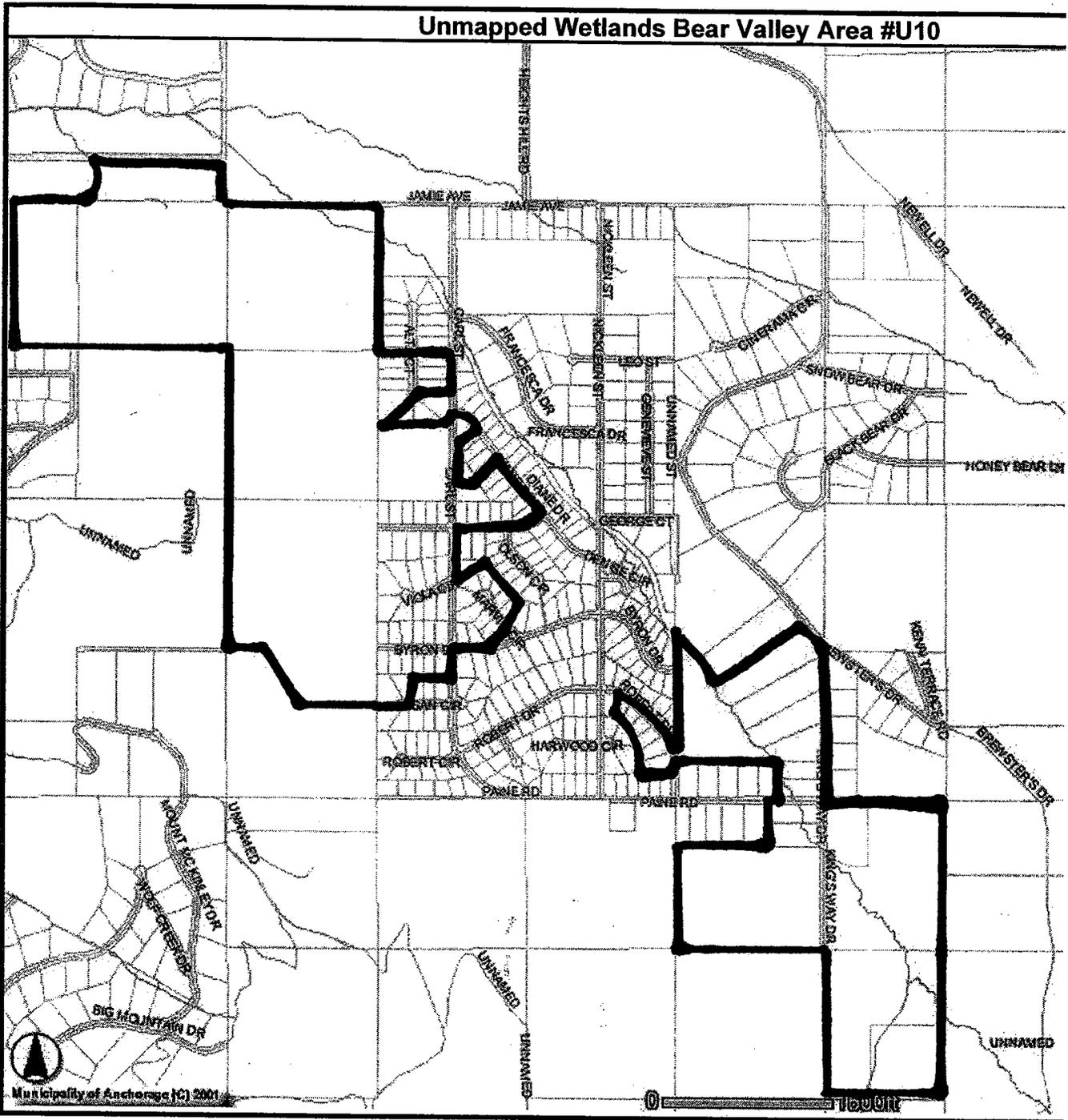
Unmapped Wetlands Macbeth off O'Malley #U9



Municipality of Anchorage (C) 2001

0 200ft

Unmapped Wetlands Bear Valley Area #U10



Attachment 2
2005 Revision of Anchorage General Permits (GPs)
List of Substantive Changes from Previous GPs

Addition of Previously Unmapped Wetlands: Approximately 13 sites (maps attached) are proposed for coverage by the GPs. These were verified in the field by Corps and agency representatives to be appropriate for coverage by the GPs. Before an application can be accepted, a field delineation must be done to determine the exact extent of wetlands on a proposed fill site.

Removal of Sites with Ecologically Valuable Inclusions: Sites that were largely excluded from coverage by the 2000 GPs will generally be totally removed from the 2005 GPs. This is to clarify the situation. The Municipality of Anchorage Wetlands Atlas on the Muni website will distinguish sites that may still be designated C, but which are not subject to the GPs. An example would be a site that was largely in a water body setback or with a large area of seasonally flooded wetlands or patterned bog.

Restoration of GP Coverage of Certain Sites: Some sites or portions of sites that were covered by the GPs issued October 20, 1994, and then excluded in the GPs issued March 17, 2000, have been restored to coverage by the GPs. They are listed in Attachment A, Table 1.

Two Tiers of Permitting for Subdivisions: Developers of subdivision infrastructure will present an overall development plan and either propose mitigation or pay a fee-in-lieu of mitigation for their entire development. They will only be permitted to mechanically land clear the infrastructure. Builders of individual lots or blocks of lots will apply for secondary level GPs for development of houses, driveways, and associated utilities. This is to prevent excessive wetland area clearing in advance of building and associated siltation and to make clear to builders that they are responsible for adherence to all GP conditions. The need for a preconstruction notification (resource agency review) for the builder-level GPs will be determined at the time of the overall subdivision GP authorization and generally be a function of the degree of concern with permit compliance and siltation of aquatic areas.

Notification of Corps/Muni: Three working days prior to site disturbance the Corps or their (Muni) representative must be notified to allow a field visit to determine if limits of disturbance, setbacks, buffers, and means of preventing siltation have been correctly set.

Exemption from Fee-in-Lieu of Mitigation: Only the owner of a site for a single family home he or she plans to occupy will be considered for an exemption from the requirement to pay a fee-in-lieu of mitigation. Note that no change is being proposed in the amount of the fee.

Standardization of Setback and Buffer Widths: Setbacks from drainageways will be 25 feet; setbacks from lakes, ponds, and streams that are neither anadromous nor headwaters will be 65 feet; setbacks from springs and headwater streams will be 85 feet; setbacks from anadromous fish streams (in Catalog of Anadromous Waters or field-verified by a fisheries biologist) will be 100 feet. Buffers from "B" wetlands will be 15 feet; buffers from "A" wetlands will be 25 feet.

Fence Requirement: Fences will be required between development authorized by GPs and all buffers and setbacks; the fence may be split rail or pipe. In particular cases, a solid (sight-blocking) fence at least 6 feet in height or coniferous trees planted on 4-foot center will be required between developments authorized by GPs and ecologically valuable waters of the United States. These are marked in Attachment B, Table 4, Site Restriction Design Criteria.

Standardization of Construction Timing Window: Construction may not occur between April 15 and July 15 when birds are nesting unless the site has been sufficiently disturbed before April 15 to discourage nesting on the site.

Length of Authorization under GPs: Each authorization or opinion of compliance under the GPs will be valid for two years. This is a change from the current one year duration.

Table of Site-Specific Requirements: The text of the site-specific conditions will be replaced by Attachment B, Table 4. The intent is to increase understanding of what must be done at each site.

Clarification of Requirements for Hydrologic Analysis: Attachment B, Table 4, shows where the applicant must address issues of flooding, cross-drainage, or possible dewatering of adjacent wetlands.

Standards of Applications: More details will be required to be submitted with the application. The requirements are outlined and clarify what must be considered during the design stage to qualify for coverage under GPs. Several previous Activity and Special Conditions have been converted to Application and/or Review Requirements including Prohibition on speculative fills, use of excess fill, use of unsuitable fill, use of hazardous materials, and proximity to bald eagle nests.

Clarification of Activities Covered: Long-term storage is allowed under GP 93-13. Peat soil mining is not an allowed primary activity under any GP.

Increase in Site Runoff Prohibited: No increase in runoff from the fill site will be permitted.

Use of Municipality of Anchorage Wetlands Atlas: The use of "blue line" maps has been replaced in the Anchorage Bowl by the 2004 Municipality of Anchorage Wetlands Atlas, both the hard-copy and/or what is available on-line at the Muni website.

Minor Crossings of Unmapped Watercourses Allowed: When a currently unmapped watercourse is identified onsite, the GPs may be used to permit a minor crossing of the watercourse.

Field Delineations: A field delineation of the boundary between wetlands subject to the GPs and other wetlands will be required.

Review Time: Resource agencies will have five working days to notify the Corps that they may have resource concerns, instead of the current five calendar days.

Permit Form: A separate permit form will be generated at the end of the review with a complete listing of applicable conditions and a description of work to which the GP applies. The permittee will sign that form. Currently, there is a hybrid application/permit form. This change will make it clearer what is being authorized.

GENERAL PERMITS
93-10N, 93-11N, 93-12N, 93-13N, and 93-14N

DISCHARGES OF DREDGED OR FILL MATERIAL IN
THE MUNICIPALITY OF ANCHORAGE

EFFECTIVE DATE: _____ EXPIRATION DATE: _____

TO WHOM IT MAY CONCERN:

Pursuant to Section 404 of the Clean Water Act (33 U.S.C. 1344), and in accordance with Title 33, CFR 325.2(e)(2), the District Engineer, Alaska District, U.S. Army Corps of Engineers (Corps), hereby modifies and renews Regional General Permits (GPs) for the discharge of dredged or fill material into certain wetlands within the Municipality of Anchorage, Alaska.

AREAS INCLUDED IN THESE GPs

These GPs apply to the wetlands identified in **Attachment A**. These wetlands generally include most of those designated as "C" in the Municipality's April 1996 Anchorage Wetlands Management Plan (AWMP), as well as a number of previously unmapped and currently undesignated wetlands.

Better maps are available in hard copy from the Municipal Planning Department (907-343-7921) or the Corps Regulatory Branch office (907-753-2712). Electronic versions are currently accessible via: <http://munimaps.muni.org/website/GISlayers/application/map.htm> (with the "Wetlands" layer activated). Updated maps will be available in the future through www.muni.org.

The wetland boundaries on all of these maps are approximate. Entities interested in developing property encompassing or adjacent to the depicted wetlands should contact the Corps Regulatory Branch for a precise delineation of wetland boundaries.

AREAS EXCLUDED FROM THESE GPs

These GPs do not apply to marine or estuarine waters, streams, rivers, lakes, or ponds, "A" or "B" wetlands (as designated by the AWMP), nor to unmapped or undesignated wetlands, unless specifically identified in **Table 2 (Attachment A)**. Certain portions of "C" wetlands are also excluded from eligibility for the GPs, as indicated in **Table 1 (Attachment A)**.

AUTHORIZED ACTIVITIES

(Note: These GPs do not supercede the Municipality's authority to determine project compliance with Title 21 Land Use or other Municipal requirements, as applicable.)

GP 93-10N (Residential Development)

Authorizes site preparation and other discharges of dredged or fill material for residential developments, including primary and attendant structures, driveways, garages, sheds, on-site utilities, and yards.

Limitations:

- 1) Building heights may not exceed 50 feet; and,
- 2) Fill and mechanized landclearing for driveways may not exceed 40 feet in width or 200 feet in length; and,
- 3) This GP is intended primarily for use by current or future occupants of individual lots and/or builders or contractors thereon. For development of residential subdivisions, permitting shall follow a tiered approach, under which:
 - a) the subdivision developer (or his designee) will obtain concept approval of the subdivision, but receive authorization only for development of the infrastructure (e.g., roads, trails, shared utilities) and other communal amenities (e.g., neighborhood parks, water quality facilities). Such authorizations will be under GP 93-11N, and/or 93-12N, described below); and,
 - b) individual builders, contractors and/or lot owners will obtain authorization (under GP 93-10N) for development of individual lots, including mechanized landclearing and grading.

GP 93-11N (Linear Infrastructure Development)

Authorizes site preparation and other discharges of dredged or fill material for certain roads (as limited below), as well as linear utility installations and associated attendant features.

Limitations:

- 1) The total width of fill and mechanized landclearing for the road corridor—including trails, sidewalks, landscaping, and drainage swales—may not exceed 75 feet; and,
- 2) New arterial roads, as defined in the Anchorage Municipal Code at Title 21.35.020 (or future updates) are not eligible for this GP. Work on arterials is limited to:
 - a) minor widening;
 - b) addition of turn lanes at individual intersections;
 - c) minor modifications to existing on- and off-ramps;
 - d) installation or modification of lights and traffic control/warning devices;

- e) construction or modification of bus stops or other similar transit facilities;
- f) landscaping and fencing;
- g) installation of guard rails and other safety measures;
- h) improvements for site distance; and,
- i) minor, general maintenance, including ditch cleaning and drainage structure repair or replacement.

GP 93-12N (Commercial, Institutional and Community Development)

Authorizes site preparation and other discharges of dredged or fill material for commercial, institutional and community developments, including parking areas.

Limitations:

- 1) Commercial activities are limited to businesses defined in the Anchorage Municipal Code at Title 21.35.020 and 21.40.130 through 21.40.190 (or future updates); and,
- 2) This GP does not authorize projects that include:
 - a) direct discharge of wastewater to waters of the U.S.;
 - b) underground fuel storage tanks;
 - c) new stationary sources of air pollution point source, other than normal heating and power for buildings;
 - d) maintenance activities that may cause releases or spills of hydrocarbons that could run off into waters of the U.S.;
 - e) storage of hazardous materials or wastes, as defined by the Solid Waste Disposal Act, as amended by the Resource Conservation and Recovery Act (RCRA), 42 U.S.C. 6901 et seq.; or
 - f) use of hazardous substances (as defined above) other than de minimis use of common substances for minor, routine cleaning and maintenance incidental to the primary purpose of the permitted activity.

GP 93-13N (Industrial Development)

Authorizes the discharge of dredged or fill material for certain industrial and storage facilities (as limited below) and attendant features, such as offices, salesrooms and parking areas.

Limitations:

- 1) Products assembled, stored and/or distributed as a primary purpose of the activity are limited to those constructed of inert materials, such as concrete, steel or wood, excluding any treated with preservatives other than paint; and,
- 2) Outdoor storage and distribution is limited to marshalling yards where commercial or industrial products are stored and/or organized for distribution; and,
- 3) This GP does not authorize projects that include, as a primary activity:
 - a) equipment repair or servicing, other than minor, routine operations on equipment that is incidental to the primary industrial activity;
 - b) commercial automobile repair garages;
 - c) natural resource product processing;
 - d) gravel or peat mining;
 - e) dry cleaning operations;
 - f) hazardous waste disposal;
 - g) battery transfer yards; or,
 - h) fuel storage sites; and,
- 4) This GP does not apply to projects that include:
 - a) direct discharge of wastewater to waters of the U.S.;
 - b) underground fuel storage tanks;
 - c) new stationary sources of air pollutants, other than normal heating and power for buildings;
 - d) maintenance activities that may cause releases or spills of hydrocarbons which could run off into waters of the U.S.;
 - e) storage of hazardous materials or wastes, as defined by the Solid Waste Disposal Act, as amended by the Resource Conservation and Recovery Act (RCRA), 42 U.S.C. 6901 et seq.; or,
 - f) use of hazardous substances (as defined above) other than de minimis use of common substances for minor, routine cleaning and maintenance incidental to the primary purpose of the permitted activity.

GP 93-14N (Wetland Restoration and Enhancement)

Authorizes site preparation and other discharges of dredged or fill material for wetland, habitat and water quality restoration or enhancement projects.

SITE RESTRICTIONS, DESIGN CRITERIA AND CONDITIONS OF AUTHORIZATION

To ensure that the GP-authorized activities shall have minimal individual and cumulative environmental impacts, they are strictly governed by not only the Terms and Limitations described above, but also the Site Restrictions and Design Criteria applicable to specific sites, as described in **Attachment B**. All individual GP authorizations also will be governed by Project-specific and General Conditions outlined in **Attachment C**, as applicable, and any additional conditions determined, as a result of Corps or Municipal review, to be necessary to ensure minimal impact to aquatic resources.

APPLICATION, REVIEW AND ENFORCEMENT PROCEDURES

Project Proponent:

Application. Except as described below, all project proponents desiring to discharge dredged and fill material in wetlands under the terms of these GPs shall submit an application packet to the Municipal Planning Department. General Permit applications submitted by applicants and/or agents with outstanding 404 wetland violations will not be accepted or reviewed until the outstanding violation and/or enforcement action is resolved and closed. Should the review process initiated by the Municipality result in a determination that the GPs do, in fact, apply to the project, the applicant will receive a conditioned verification signed by the Corps or an Opinion of Compliance (OC) to review. The GP authorization will not take effect and work will not be authorized until the verification or OC is signed by both the applicant and the Corps (for a verification) or Municipal Planning Department staff (for an OC).

Note: These GPs do not require notification directly to, or verification directly from, the Corps. If so desired, however, the project proponent may seek such verification by submitting the application packet directly to the Corps Regulatory Branch, instead of to the Municipal Planning Department.

Compliance. Compliance with the GPs requires strict adherence to the terms and conditions specified both herein and in the verification or OC. Municipal or Corps representatives may inspect sites of GP-authorized work, to determine whether the work is being, or has been, performed in conformance with the terms and conditions of these GPs.

Should the Corps determine that an activity is not in compliance with the GPs, the permittee may be required—at his expense—to implement corrective measures, remove fill and/or restore any areas affected by the noncompliance, in accordance with 33 CFR Part 326 and Section 309 of the Clean Water Act. Noncompliance could also result in suspension, revocation or modification of the GP authorization (pursuant to 33 CFR

325.7), initiation of legal action by the Federal Government, issuance of a monetary penalty ranging from \$2,500 to \$25,000 per day of violation, and/or imprisonment for up to one year.

Reevaluation. The Corps may initiate suspension, revocation and modification procedures, pursuant to 33 CFR 325.7, if the public interest so warrants, regardless of whether the project is in compliance with the GPs. Instances that may warrant such action include, but are not limited to: discovery that applicant provided incomplete, inaccurate or false information; discovery that the Municipality failed to properly implement the Procedures described herein; changes in applicable State water quality standards; and/or, the discovery of previously unevaluated archaeological, flooding or environmental impacts.

Municipality of Anchorage (Planning Department):

Review. Except for those GP permit applications submitted directly to the Corps, the Municipality will review applications to assess completeness and ascertain the applicability of the GPs to the proposed project. If the application is deemed incomplete or the project ineligible, the Municipality will advise the applicant of any additional information or project revisions that are necessary to proceed under the GPs (or local construction and permit requirements). The Municipality will forward all applications for projects that are not eligible for the GPs to the Corps for consideration under either Nationwide or Individual permit processes.

Depending on the type and size of the proposed GP-eligible project, the Municipality will initiate a Pre-Construction Notification (PCN), as part of the review process. Projects requiring PCNs are as follows:

GP#	Type of Project	Extent of Wetlands Involved	PCN Required?
93-10N (residential development)	Development of Individual Lots in Residential Subdivision	Any	If so noted in authorization of the subdivision infrastructure
	Crossing of Unmapped Waterway	Any	Yes
	Other	<16,500 square feet (sf)	No
		>16,500 sf	Yes
93-11N (linear infrastructure development)	Arterial Road	Any	Yes
	Residential Subdivision Infrastructure	Any	Yes
	Crossing of Unmapped Waterway	Any	Yes
	Other	<16,500 sf	No

		>16,500 sf	Yes
93-12N (commercial, institutional & community development)	Crossing of Unmapped Waterway	Any	Yes
	Other	<16,500 sf	No
		>16,500 sf	Yes
93-13N (industrial development)	Any	Any	Yes
93-14N (wetland restoration & enhancement)	Any	Any	Yes

For projects that do not require a PCN, the Municipality will determine what, if any, Special Conditions are necessary, and supply a conditioned OC for the applicant's review and acceptance. The OC takes effect and becomes official once signed by both parties. The OC is not legally binding on the Federal government, but is intended to provide a measure of assurance that the proposed project will comply with the terms and conditions of the GPs. The Municipality will confer with the Corps on questionable or borderline proposals before supplying the OC.

For projects that do require a PCN, the Municipality's initial review and actions to ensure the application is complete will be followed by:

- 1) transmittal of the application packet to the Corps, as well as Federal and State resource agencies (i.e., Environmental Protection Agency, U.S. Fish and Wildlife Service, National Marine Fisheries Service, and Alaska Departments of Environmental Conservation, Fish and Game, and Natural Resources (Offices of Habitat Management and Permitting, and Project Management and Permitting));
- 2) a five-working-day initial review period, during which time agencies will notify the Corps if they have any concerns about the proposal;
- 3) an additional five-working-day agency comment period, during which time agencies will provide additional information and/or suggested conditions to the Corps; and,
- 4) direction from the Corps to the Municipality regarding how any concerns are to be resolved.

Upon receiving direction from the Corps, the Municipality will proceed with supplying either an opinion of compliance or a Corps-signed conditioned verification to the applicant, as above.

Compliance. The Municipality will inspect sites of GP-authorized work, to determine whether the work is being, or has been, performed in conformance with the terms and conditions of these GPs. Should an

activity appear not to be in compliance with the GPs, the Municipality will expeditiously report the apparent non-compliance to the Corps and/or take measures to resolve the violation, within its independent authority.

Corps of Engineers (Regulatory Branch):

Review. For proposals that require a PCN, the Corps will receive agency input and determine what, if any, project revisions and/or Special Conditions are necessary to alleviate agency concerns and otherwise ensure that the project would have minimal adverse impacts, both individually and cumulatively. The Corps will then instruct the Municipality as to how to complete either an opinion of compliance or a Corps-signed verification.

Enforcement. As described above, the OC prepared by the Municipality provides a level of assurance regarding GP applicability, but is not legally binding on the Federal government. The final determination remains with the Alaska District Engineer, and the Corps retains its full responsibility and legal authority both to take enforcement action and to suspend use of the GPs at any time it determines that an activity is not in compliance with the GPs, even if the Municipality has completed an OC.

The District Engineer, or his designated representative(s), may inspect sites of GP-authorized work at any time deemed necessary, to determine whether the work is being, or has been, performed in conformance with the terms and conditions of these GPs. Should the Corps determine that an activity is not in compliance with the GPs, appropriate measures will be taken to resolve the violation, in accordance with 33 CFR Part 326 and Section 309 of the Clean Water Act. Such measures could include a requirement to implement corrective measures, remove fill and/or restore any areas affected by the noncompliance, issuance of an administrative penalty, and/or initiation of legal action.

Reevaluation. The Corps may reevaluate any verification or OC at any time that circumstances warrant, including, but not limited to instances in which:

- 1) the permittee fails to comply with the terms and conditions of these GPs;
- 2) the information provided by the project proponent proves to have been incomplete, inaccurate or false;
- 3) the Municipality fails to implement the Procedures described herein properly;
- 4) significant new information surfaces which was not considered in the original decision on the proposal, including changes in applicable State Water Quality Standards.

Such a reevaluation may result in initiation of the suspension, modification and revocation procedures described in 33 CFR 325.7.

GENERAL PERMIT PROGRAM ADMINISTRATION

Municipality of Anchorage (Planning Department):

Inspections. The Municipality shall inspect at least 20% of the activities authorized by the GPs each year, to determine whether the work is being, or has been, performed in conformance with the terms and conditions of these GPs.

Quarterly Reports. On a quarterly basis, the Municipality shall provide the Corps with the following information on GP activities for that quarter:

- 1) copies of all applications and required supporting documentation/analyses;
- 2) total acreage of wetland fill and mechanized landclearing verified, by watershed;
- 3) copies of all verifications and OCs; and,
- 4) a log, by watershed, of the GP sites inspected, including findings and actions taken.

Reports shall be submitted by the 10th of the month following the end of each calendar year quarter.

Annual Reports. By January 15 of each year, the Municipality will provide the Corps with the following information on GP activities for the preceding year:

- 1) total number of verifications and OCs provided, by watershed;
- 2) total acreage of wetland fill mechanized landclearing verified and for each GP, by watershed;
- 3) total cubic yards of wetland fill involved, by watershed;
- 4) average processing time per application; and,
- 5) total number of GP sites inspected, by watershed.

Corps of Engineers (Regulatory Branch):

Biannual Meetings. The Corps will convene at least two interagency meetings each year (e.g., late spring and late fall) to review the Municipality's GP administration and inspect authorized activities. In addition to the Municipality, invitees shall include the Environmental Protection Agency, National Marine Fisheries Service, U.S. Fish and Wildlife Service, and Alaska Departments of Environmental Conservation, Fish and Game, and Natural Resources (Offices of Habitat Management and Permitting, and Project Management and Permitting).

Expiration and Reissuance. Upon expiration of these GPs in 5 years, the Corps will evaluate the program and decide whether the GPs should be renewed.

Suspension, Modification or Revocation of these GPs. The Corps may reevaluate its decision to issue these GPs at any time circumstances warrant, including, but not limited to instances in which:

- i) the Municipality revises the 1996 AWMP prior to expiration of these GPs;
- ii) the Municipality is party to violations of the Clean Water Act;
- iii) it appears that the individual or cumulative adverse effects of the authorized activities are more than minimal, or otherwise unacceptably impacting the public interest; or,
- iv) significant new information surfaces which the Corps did not consider in reaching the original public interest decision, including changes in applicable State Water Quality Standards.

In such instances, the Corps will assess whether suspension, modification or revocation of the GPs is in the public's interest, and will initiate the procedures described in 33 CFR 325.7. Modification of the GPs could eliminate the Municipality's role in reviewing applications and providing GP verifications and OCs, thus requiring all applicants to seek authorization directly from the Corps. Direct application to the Corps would also be necessary if the GPs were revoked. In the event of revocation, the District Engineer would decide, on a case-by-case basis, how to address individual activities authorized prior to revocation.

Policy on "A" and "B" Wetlands. These GPs generally apply to most of the wetlands designated as "C" in the 1996 AWMP. Based on this relationship between the GPs and the AWMP, the Corps has also adopted a policy by which it implements its responsibilities under Section 404 of the Clean Water Act, with respect to other wetlands in Anchorage. This policy is in **Attachment D**.

List of Attachments to 2005 General Permits (GPs)

Attachment A, Table 1: Eligible/Ineligible "C"
Wetlands

Attachment A, Table 2: Eligible Unmapped Wetlands

Attachment B: General Permit Project Site Restrictions and Design
Criteria

Attachment B, Table 4, Site Restrictions and Design Criteria. This
table shows which sites have certain site restrictions and design
criteria.

Attachment B, Table 5: Site Restrictions and Design Criteria, Unmapped
Wetlands

Attachment C: General Permit Authorization Conditions

Attachment D: Corps of Engineers Anchorage Wetlands Policy

Attachment E: Maps provided as a guide to the general location of
wetland units designated "C" in the AWMP Revision, April 1996.

**ATTACHMENT A--TABLE 1
Anchorage GPS--Eligible/Ineligible "C" Wetlands**

ANCHORAGE BOML					
Wetland Data	Map #	Site Description/Location	Eligible for GPS	Not Eligible for GPS	Developed/Under Development
1	1	SE Intersection Ocean Dock/Terminal Rd. (3 sites)	X		
5	11	NE Intersection Mountain View Dr./Glenn Hwy.	X		
6	13	SE Intersection 4th/Boniface			X
		SW Intersection Turpin/Glenn Hwy. (2 sites)	X		X
		SE Intersection Turpin/Glenn Hwy.			X
7	14	Turpin Park, SE Intersection Oklahoma/Peck	X		
		Russian Jack Park, Both Sides of DeBarr Rd.	X		X
10	36	NW Intersection 32nd/Pussywillow	X		X
10A	36	NW Intersection Williwaw/Pussywillow	X		X
		NW Intersection 36th/Pussywillow			
		Chugach foothills Park, South of Sycamore Loop	X		X
11	25	SE Intersection 20th/Chandalalar			X
		Susitna Elementary School Pond	X		
		NW Intersection Muldoon/Ptarmigan	X		X
		SW Intersection Muldoon/Ptarmigan	X		
12	36	NW Intersection Muldoon/Northern Lights: West of Carrs	X		
13	35	Muldoon Park, SW Intersection Northern Lights/Muldoon	X		
14A	24	SW Intersection Northern Lights/Patterson	X		X
16	35	SW Intersection Patterson/Sherwood		X	
17	23	East of Image Dr, between Keyann and Ridgelake	X		
17A	23	North of Northern Lights & West of Pine St. ROW	X		
18	22,23,30	North of Northern Lights, Both Sides of Westeyan	X		X
		South of Northern Lts/Bragaw	partially	Map 22: south 500' of wetlands between trail & Bragaw ROW	
		South of Northern Lights & West of Pine St. ROW	X		
18A	33	South of Mosquito Lake, Between Bike Trail & Providence Dr.	X		
18B	33	NW Intersection, University/Veco Dr.	X		
18D	33	NW Intersection, UAA Dr./Scoter	X		
19	22	NW Intersection, Northern Lights/Bragaw (4 sites)	X		
21B	21	SW Intersection 15th/Lake Otis	X		
22	20	North of Chester Creek & West of C St.	X		X
		North of Chester Creek, Between C St. & A St.	X		X

**ATTACHMENT A--TABLE 1
Anchorage GPS--Eligible/Ineligible "C" Wetlands**

Wetland Data		Site Description/Location	Eligible for GPS	Not Eligible for GPS	Developed/Under Development
25	29	Along 32nd, West of Wisconsin (multiple sites)	X		X
		Broadmoor Estates Subdiv, SE Intersection Aero/36th		X	X
26	17	NW Corner, Lake Hood Elementary	X		
	27	NW Intersection 40th/Wisconsin	X		X
	28	SW Intersection 40th/Andree	X		
	27	SW Intersection 40th/Bechracht	X		
26A	17	West of Postmark Dr. & South of Lockhead Ave.		Lot 2B	
	27	South of Northern Lights, outlet of Turnagain Bog (2 sites)	X		
26B	28	NE Intersection Postmark/Sikorsky	X		
	28	Turnagain Bog Proper, Snow Dump to Aircraft Dr (5 sites)	X		X
26C	16,17	South End, East Turnagain Bog	X		
	17	NE Intersection Northern Lights/Postmark Dr.	X		X
26D	17	East of Earthquake Park	X		
	27,39	SW Intersection DeHavilland/Tug Rd.			X
27	26	At Coastal Trail, South of Point Woronzof (2 sites)	X		
29A	52	NW Intersection Raspberry/Air Guard	X		
	52	NE Intersection Air Guard and Raspberry Rd.		X	X
30	52	West of DeLong Lake & East of Air Guard Dr		X	
	41	SE of DeLong Lake, along Jewel Lake Rd	X		
31A	41	SW Intersection International/Northwood		X	
	42	NE Intersection International/Northwood		X	X
34A	42	NW Intersection International/Minnesota Off-ramp	X		X
	42	SE Intersection, International/Minnesota Off-ramp	X		
34C	54	Between Blueberry Lake & Interstate Cir.		X	X
	54	NW Intersection, Seafood/Ressel	X		
34E	53	SE Intersection Minnesota/Raspberry	X		X
	53	SE Intersection Raspberry/Timothy	X		
34F	66	NW Intersection Northwood/Timothy		X	
	67	SW Intersection Northwood/Strawberry	X		X
	67	North of Strawberry Rd. & West of Minnesota	X		X
	67	SW Intersection Strawberry/80th	X		X
35	53	SE Intersection Strawberry/80th	X		X
	53	South of Strawberry Rd. & West of Berry Patch		X	
36	66	East of Gladys Wood Elementary: West of Arlene, at 71st	X		X
	66	NE Intersection Arlene/70th	X		X
		Hathor Subdivision, West of Northwood, at 83rd	partially	lots along north edge	X

ATTACHMENT A--TABLE 1
Anchorage GPS--Eligible/Ineligible "C" Wetlands

Wetland Unit		Map #	Site Description/Location	Eligible for GPS	Not Eligible for GPS	Developed Under
36A	66	Along Creek, 88th to Blackberry	X		X	
37B	65	Victoria Park Subdiv, NW Intersection 80th/Charlotte		X	X	
37C	65	NW Intersection 82nd/Sue		X	X	
37D	65	Lakeridge Subdiv, West of West Lake Cir.	X		X	
		Lakeridge Subdiv, North of West Lake Cir. & East of Moorland	X		X	
37E	52	SW Intersection Jewel Lake Rd./84th	X		X	
		Adjacent to Pond, NE Intersection 72nd/Bailey	X		X	
38A	44	NW Intersection Caravelle/Hunter	X		X	
		West of New Seward & North of 50th		X	X	
38B	55	NE Intersection Old Seward/International		X	X	
		NE Intersection International/Juneau	X		X	
38C	55	NE Intersection New Seward/Alpenhorn (2 sites)	X		X	
		South of Lynwood & West of Fairweather		X	X	
40	43	South of 64th & East of Hampstead		X	X	
		NW Intersection 72nd/Michelin	X		X	
40B	43	C St. ROW, Dowling to 76th		X	X	
		North of 64th, between B & C St.	X		X	
41	31	North of 68th, East of Railroad	X		X	
		North of 68th, at Greenbelt	X		X	
43	43	North of 70th & West of C St.		X	X	
		Between 68th & Railroad, at Greenbelt	X		X	
46	44	West Side, Business Park Blvd.		X	X	
		46th to International, C St. to Cordova	X		X	
56	56	SW Intersection International/C St.		X	X	
		SE Intersection International/C St.		X	X	
43	43	A to C St., 36th to 40th	X		X	
		South of Lousac Library	X		X	
44	44	SW Intersection 40th/Denali		X	X	
		SE Intersection 40th/Denali	X		X	
46	46	NE Intersection Tudor/B St.	X		X	
		NE Intersection Tudor/Denali	X		X	
55	55	West of Old Seward, between 57th & Dowling	X		X	
		56th to Dowling, West of New Seward		X	X	
56	56	North of Dowling, New Seward to Dow	X		X	
		North of Dowling, Petersburg to Lake Otis	X		X	
56	56	SW Intersection Dowling/New Seward		X	X	
			X		X	

**ATTACHMENT A--TABLE 1
Anchorage GPS--Eligible/Ineligible "C" Wetlands**

ANCHORAGE FORM (cont'd.)				Eligible ID# GPS	NOT ELIGIBLE TO GPS	Disallowed Under Permit/Opinion
Wetland Dist.	Map #	Site Description/Location				
47	45	NE Intersection Lake Otis/52nd		X		X
		SE Intersection Laurel/52nd			X	X
		South End, Tudor Dog Track		X		X
48A	71	SW Intersection Bragaw/48th		X		X
		North of Dowling, at Norm			X	X
48B	48	Sahalee Subdivision, at Cormorant Cove Cir.		X		X
49West	46	East of Tudor/Muldoon Curve & South of Klutina Dr.		X		X
49East	47	South of Tudor & East of Bragaw		X		X
50	South of 61	South of ADOT/PF Maintenance Facility		X		X
		South of Midden Way		X		X
51	57	Lake Otis to Tondi/Genny, 68th to 72nd		X		X
		South of 68th & East of Spruce		partially	Tract A, Crowberry Subdiv	X
		South of 68th & West of Abbott Loop		X		X
		Lake Otis to Gray Wolf, 72nd to Lore		X		X
		Lore to 80th, Delridge to Snow View		X		X
52	70	North of 80th, Ladasa to Winchester		X		X
		South of 68th, at Pebblebrook		X		X
		Both Sides of 72nd, Travis to Abbott Loop		X		X
		North of Lore, at Randamar		X		X
		West of Winchester, 72nd to 74th		X		X
53	57	Lake Otis to Moose Run, Lore to 80th		X		X
		North of 80th, at Medallin		X		X
		NW Intersection 80th/Abbott Loop		X		X
		South of 80th, at Alpine View		X		X
		SE Intersection 80th/Sandy (2 sites)		X		X
54	57	Both Sides of 84th, at Raintree		X		X
		South of Desiree Circle			X	X
55	56	SE Intersection, Dowling/Lake Otis		X		X
		SW Intersection, Dowling/Laurel		partially	Spruce Meadows Subdiv	X
55	56	SE Intersection 63rd/Quinhagak		X		X
		SW Intersection Lake Otis/63rd 68th to 72nd, Stella to O'Brien		X		X

**ATTACHMENT A--TABLE 1
Anchorage GPS--Eligible/Ineligible "C" Wetlands**

Wetland Data		Map #	Site Description/Location	Eligible for GPS	Not Eligible for GPS	Developed/Quarry Development
56	56		SW Intersection, Dowling/Burlwood	X		X
			NE Intersection, 64th/Ashwood		X	X
			NW Intersection, 64th/Burlwood	X		X
			The Ponds Subdivision, South of 64th at Meadow (2 sites)			
			South of 64th, at Burlwood	X		
			Eastwood Park, North of 68th at Meadow		X	
			New Seward to Meadow, 72nd to 74th	X		X
			Meadow to Basel, 72nd to 74th	X		X
			New Seward to Sandilewood, Lore to 82nd		X	
			Sandilewood to Hartzell, Lore to 82nd		X	
			SE Intersection, Lore/Petersburg		X	
			SE Intersection, New Seward/Diamond Blvd.	X		X
58	58	69	87th to 92nd, C St. to King St.		X	X
			Diamond to 92nd, King S. to Railroad	X		X
			88th to 92nd, Railroad to Old Seward (3 sites)	X		X
59	77		West of Gambell, 92nd to 94th	X		X
			SW Intersection, Old Seward/92nd		X	X
			West of Old Seward, Lakewood to Sundown		X	X
			West of Old Seward, Sundown to 100th		X	X
60	77		67,76 West of Minnesota, Diamond to Adonis	X		X
			76 NW Intersection, Minnesota/100th	X		X
			C St Right-of-Way, North of 104th (2 sites)	X		X
			NE Intersection, C St/104th (3 sites)	X		X
			NE Intersection, C St/106th	X		X
			NW Intersection, Cordova/106th	X		X
60B	77		SW Intersection, Cordova/106th			X
			North of O'Malley, Cordova to Olive	X		X
			Between West- & Eastbound O'Malley, at C St. (2 sites)	X		X
60C	78		NW Intersection New Seward/O'Malley	X		
61	74		Resolution Pointe Subdivision, North End of Chiniak Bay Dr	X		
62	83		Bayshore Lake to Southbluff Dr.	partially	Tract D1 (Bayshore West) & Tract G-2A (Southport)	X

**ATTACHMENT A--TABLE 1
Anchorage GPS--Eligible/Ineligible "C" Wetlands**

ANCHORAGE POINT (cont'd)		Wetland Unit	Map #	Site Description/Location	Eligible for GPS	Not Eligible for GPS	Developed/Underway Developments
63	75			West of Southport Dr. & North of Sextant Cir.	X		X
				West of Southport, Inside Maritime Loop			X
				Both Sides of Sextant Cir., North of HalFitch	X		X
				NE Intersection, Southport/Washington	X		X
63	83			NW Intersection, Ensign/Halfitch	X		X
				NW Intersection, Ensign/Southport			X
				South of Ensign, Ketch to Cutter	partially	Tract A-2 (Mariner Point) & Tract D-2A (Southport)	X
				Between Bayshore Dr. & Southport Dr.	partially	Tracts D-2B & G-2B (Southport)	X
64	84			SW Intersection Klatt/Victor			X
				East of Victor, Between Old & New Klatt			X
				SE Intersection Old Klatt/Victor	X		X
				South of Bellvue Loop	X		
64	85			East of Juniper, Between Old & New Klatt	X		
				SE Intersection Old Klatt/Juniper	X		
				SE Intersection Park & Adjacent Lots, Woodmar to Hilltop	X		
				Timberlane Park & Adjacent Lots, at 121st			X
67	78			SE Intersection John Rd./Huffman	X		X
				West of Vanguard	X		X
				SE Intersection Abbott/Independence			X
				SE Intersection Sentry Dr.	X		X
68	70			NW Intersection O'Walley/Independence Dr. (2 sites)		X	
				NE Intersection O'Walley/Independence Dr.		X	
				NE Intersection Abbott/Lake Otis		X	
				84th to Abbott, at Spruce	partially	Tracts A & C, Lots 12-21 (Little Brook)	X
70	80			Abbott Loop to Silver Spring, 98th to 104th	X		X
				North of Moose Dr.	X		
				Along Creek, West of Rockridge Dr.	X		
				Along Creek, Lake-o-the-Hills to Rockridge Dr.	X		
72A	89			Along Creek, Mountain Lake Dr. to Lake-o-the-Hills		X	X
				West of Hillside Dr., Lake-o-the-Hills Cir. to Alutna	X		
				Along 115th, Cobra to Trails End	X		
				Along Creek, Woodbourne to Hillside Dr.	X		X
72B	90			NW Intersection Upper Huffman/Ginami	X		

**ATTACHMENT A--TABLE 1
Anchorage GPS--Eligible/Ineligible "C" Wetlands**

Wetland Unit	Map #	Site Description/Location	Eligible for GPS	Not Eligible for GPS	Developed/Under Development
72C	89	NE Intersection Mountain Lake Dr./Stony Brook	X		
	88	South of O'Malley, Birch to Baronik	X		
72F	89	South of O'Malley, Rock Ridge to Birch	X		
	89	SW Intersection Downey Finch/Maxwing (2 sites)	X		
73	96	North of Dearmoun, Between Alpine & Floral	X	X	
	87	North of Huffman, Wagner to Cange	X		
74	87	North of Huffman, Cange to Jerome	X		
	86	Along Creek, North of Huffman & East of Gregory	X		
75	86	North of Huffman & West of Woodward	X		
	87	NW Intersection, Huffman/Lake Otis	X		X
77	87	East of Lake Otis, Inside Alderwood Loop	X		X
	94	NE Intersection, Lake Otis/Huffman	X		X
78	100	North of Huffman, Woodway to Gander	X		X
	101	SE Intersection Lake Otis/Merganser	X		X
79A	101	East of Lake Otis, Merganser to Flway	X		
	102	East of Lake Otis, Sanderlin, North of Creek	X		
80	101	SE Intersection Elmore/Manyeell	X	X	
	102	South of 147th & East of Telton	X		
82	102	East of Buffalo St., 142nd to 144h	X		
	108	NW Intersection Andover/Northfield	X		
83	108	North & East of Bear Valley Elementary	X		
	108	SW Intersection Jamie/Carl	X		
84	108	Jamie to Francesca, Carl to Nickleen	X		
	108	Jamie to Cinerama, Nickleen to Kings Way	X		X
85	106	SW Intersection Francesca/Nickleen	X		
	106	SE Intersection Nickleen/Francesca	X		
85A	106	Genevieve to Kings Way	X		X
	106	NW Intersection Carl/Diane	X		
85A	108	NW Intersection Carl/Marino	X		
	108	West of Carl, Marino to Byron	X		X
85A	106	East of Carl & Diane	X		X
	106	SE Intersection Carl/Diane (2 sites)	partially		
85A	106	NW Intersection 164th/St. James	X	Goldenview Park Greenbelts	X
	106	SE Intersection 162nd/St. James	X		
85A	106	West of Fedosia, at Belarde	X		

**ATTACHMENT A--TABLE 1
Anchorage GPS--Eligible/Ineligible "C" Wetlands**

Wetland Unit		Map	Site Description/Location	Eligible for GPS	Not Eligible for GPS	Developed/Under Development
102	13		SE 1/4 Section 30, T16N, R1E, East of Thunderbird Creek	X		
103	12		Tract C, West of Thunderbird Dr. & North of Sandpiper Ct.	X		
			West of Thunderbird Dr./Teal Loop Intersection	X		
			SW of Sandpiper Ct. at Thunderbird Dr. (2 sites)	X		
104	16,17		Glenn Hwy. to Paradis In., Between Creek & East/West Clearing	X		
	17		Glenn Hwy. to Paradis In., South of East/West Clearing	X		
	12,16		NE Intersection Paradis/Whalen	X		
106	18,19		North of Rankin Road	X		
107	17		Edmonds Lake Park, West of Glenn Hwy (2 sites)	X		
			Between New & Old Glenn, South of Edmonds Lake Exit	X		
109	25,26		North of Mirror Lake Dr	X		X
			South of Mirror Lake Dr	X		X
109A	26		South & East of Bear Mountain View	X		X
112	27		North of Sierra Mesa Cir	X		
			Inside Sierra Mesa Cir	X		
			East of Sierra Mesa Cir	X		X
113	25		NE Intersection Mirror Dr./Songbird Dr.	X		
			NW Intersection Mirror Dr./Songbird Dr.	X		
			South of Mirror Dr.	X		
114	24		West of Sambar Loop, at Deer Park Dr.	X		X
			Along Ravine, Deer Park to Oberg		X	X
			Along Ravine, Oberg to Whispering Birch		X	X
			Along Ravine, Above Whispering Birch		X	X
			East of Ravine & North of Water Line (3 sites)	X		
117	30,36		NE of Mink Lake	X		
117A	30,31		West of Birchwood, along Jayhawk ROW	X		
118	35		West of Birchwood Loop & South of Beverly	X		X
119	39		West of Old Glenn Hwy. & North of Parks Creek	X		
	37		East of Old Glenn Hwy., Amonson to Skyview (Muni property)	X		
	37		CBA Park, NE of Old Glenn Hwy. at Amonson	X		
120	40		Small Site at East Edge of Glenn Hwy., at Parks Creek	X	X	
			East of Glenn Hwy., Opposite K&R St. (extended)	X		
			East Edge, Section 19, T15N, R1W	X		
	35,40		North of Beach Lake Rd., Railroad to Birchwood Loop	X		X
	41		South of Beach Lake Rd., Railroad to Birchwood Lp (5 sites)	X		
121	40		NE Intersection Birchwood Loop/Beach Lake Rd.	X		
			Birchwood Loop to Birchtree, North of Chugiak High School	X		
			South of K&R St., Birchtree to Glenn Hwy.	X	X	
			North of Birchtree, at Glenn Hwy.	X		
			West of Cline, Hillcrest to Pioneer	X		X
			Cline to Glenn Hwy., Pioneer to Patches	X		
125	46		NE Powder Ridge Subdivision: West of Terrace, at James	partially	north of James ROW (-750)	X

**ATTACHMENT A--TABLE 1
Anchorage GPS--Eligible/Ineligible "C" Wetlands**

Wetland Unit	Map #	Site Description/Location	Eligible for GPS	Not Eligible for GPS	Developed under other permits
TURNAGAIN AFW					
126	47	East of Glenn Hwy. & North of South Birchwood Loop	X		
127	47	West of Old Glenn Hwy. & South of Darcy Rd.	X		
130	49	Powder Ridge Subdivision: East Side of Fire Creek	X		
	49,50	North of Glenn Hwy., West Side of Fire Creek	X		X
132	50,51	West Powder Reserve, SE of Clunie Lake	X		
133	50	Powder Ridge Subdiv & Powder Reserve: North & East of Vasilii Dr	X		X
134	49	Along Fire Creek, Fire Lake to Glenn Hwy. South of Fire Eagle Condominiums	X	X	X
136	53	Between Water Line & Glenn Hwy., Across from Breckenridge Dr.	X		
137	54	South of Schroeder & East of Iris	X		X
137A	53	Southern Regency Drive	X		X
		NW Intersection, Springbrook/Falch Cir.	X		X
138	54	Between Springbrook & Santa Maria East Side of Springbrook Dr	X		X
		Between Springbrook & Dee Ln	X		
144	73	East of Eagle River Loop Rd., South of Eagle River Bridge	X		
144A	62	East End, Eagle Pointe Subdivision & Greenbelt to North	X		
145	72	NW of Bernard at Bert Cir.	X		X
		Tract 3, RFR Subdivision & Greenbelt to North	X		
		Eagle Crossing Subdiv (3 sites)	X		X
146	63	Eagle River Greenbelt (3 sites)	X	X	X
TURNAGAIN AFW					
Wetland Unit	Map #	Site Description/Location	Eligible for GPS	Not Eligible for GPS	Developed under other permits
171	7	Bird Creek Regional Park, North of Seward Hwy. (4 sites)	X		
	8	Bird Creek, South Side of Hwy.		X	
	8	Bird Creek, Along Railroad		X	
172	8	Small Sites along Seward Hwy., South of Bird Creek	X		
173	10	Along Seward Hwy., Bird Flats to Bird Point (4 sites)	X	X	X
	11,12	Small Sites Along Railroad, West of Bird Point (5 sites)	X		
180	42	Portage, East of Seward Hwy.	X		
202	25	SW Intersection Alyeska Hwy./Railroad	partially	wet meadow along south & west boundaries, outside shrub zone	
203	25	South of Railroad, Alyeska Hwy. to Main St. South of Railroad, Main Street to East St.	X X		X X

**ATTACHMENT A--TABLE 1
Anchorage Gps--Eligible/Ineligible "C" Wetlands**

MUNICIPALITY OF ANCHORAGE (cont. d)					
Wetland Unit	Map #	Site Description/Location	Eligible for Gps	Not Eligible for Gps	Developed/Under Development
208	23	West of Alyeska Hwy. & North of Agostino Mine Rd. (3 sites)	X		X
	25	West of Sprout Rd., Agostino Mine Rd. to Holtentot Mine Rd. West End, Gummy sack Mine Rd.	X		X
210	23	West of Sprout Rd., Gummy sack Mine Rd. to Jewel Mine Rd.	X		X
	22	West of Alyeska Hwy., at Juniper	X		
212	22	North of Alpina & West of Alpine View Estates	X		
	21,22	West of Timberline, Alyeska Hwy. to Alpina	partially	headwaters area, SE Alpine View	X
213	22	West of Alta & South of Alpina	X		X
		Alta to Timberline, South of Chateau	X		
		NW Intersection Timberline/Chateau	X		X
		SW Intersection Timberline/Alta	X		
		NW Intersection Vail/Gstaad	X		
214	21	NW Intersection Vail/Vail Cir.	X		
		West of Vail, Vail Cir. To Alpine	X		
		SW of Vail, at Stowe	X		
218	19,21	East of Vail, Between Kitzbuhel & Loveland	X		
		West of Alpine, Donner to Cortina	X		
		East of Alpine, Cortina to Davos	X		
218	19,21	North of Aspen & West of Arlberg	X		
			X		

**ATTACHMENT A--TABLE 2
Anchorage GPS--Eligible Unmapped Wetlands**

ANCHORAGE		
Wetland Unit	Map #	Site Description/Location
U-1	6	Centennial Park, NE Intersection Muldoon/Boundary
U-2	36	Muldoon ROW, Williwaw to Regal Mountain Dr.
U-3	29	Woodland Park, North of McRae at Barbara
U-4	54	NE Intersection Raspberry/Seafood Dr.
U-5	55	NW Intersection Old Seward/64th
U-6	45	SW Intersection Tudor/Bragaw
U-7	56	SE Intersection 69th/Rosewood
U-8	89	Alpine Woods Subdivision, South and East of Moose Rd
U-9	89	NE Intersection MacBeth/Mumby
U-10	107,108	Cobblestone Hill to Kings Way
U-11	107	East of Goldenview, from Little Rabbit Creek to 162nd
U-12	110	West of Goldenview and South of Kallander
U-13	111	East of Goldenview and South of Bluebell

ATTACHMENT B

GENERAL PERMIT PROJECT SITE RESTRICTIONS AND DESIGN CRITERIA

Setback. Where there are wetlands along or around a stream or waterbody, the project shall include and maintain a non-disturbance setback, measured horizontally from the ordinary high water mark, as specified in Table 4. For previously unplatted residential subdivisions, the setback area shall be tracted out, rather than being included in individual lots.

Projects on sites requiring setbacks shall include a permanent fence, either split-rail or other, to serve as a physical barrier that maintains the integrity of the non-disturbance setback. This fence shall be placed on the proposed new fill, outside of the setback. Both the setback area and the fence shall be clearly depicted on the proposed plans submitted with the GP application.

Notes:

- 1) *Applicants should contact Municipal Planning or Corps Regulatory staff to obtain or confirm delineation of the setback;*
- 2) *For currently unmapped waters, standard setbacks shall be:*
 - a) *100' from streams supporting anadromous fish species, whether catalogued by the Alaska Department of Fish and Game, or otherwise so documented;*
 - b) *85' from headwater streams, defined as those reaches upstream of the point at which the average annual flow is less than 5 cubic feet per second;*
 - c) *85' from springs, defined as areas of permanent or seasonal discharge of groundwater that serve as a source for streams or drainageways;*
 - d) *65' from lakes, ponds or similar waterbodies having a minimum permanent surface area, at ordinary high water, of 2,500 square feet;*
 - e) *65' from streams that are neither anadromous nor headwaters, as defined above; and,*
 - f) *25' from natural or constructed drainageways, as defined and/or mapped by the Municipal Watershed Management Section.*

For currently unmapped streams and drainageways, the GPs will allow road, driveway and/or utility crossings of the waterway and/or the setback area, so long as there are no other practicable alternative routes.

Buffer. The project shall include and maintain a non-disturbance buffer area, as specified in Table 4. Projects on sites requiring a buffer shall include a permanent fence, either split-rail or other, to serve as a physical barrier that maintains the integrity of the non-

disturbance buffer zone. This fence shall be placed on the proposed new fill, outside of the buffer zone. Both the buffer area and the fence shall be clearly depicted on the proposed plans submitted with the GP application.

Note: Applicants should contact Municipal Planning or Corps Regulatory staff to obtain or confirm delineation of the boundary between the "C" wetlands and the adjacent "A" or "B" wetlands where the buffer area will be marked.

Construction Timing Window. To protect nesting migratory birds, as required by the Migratory Bird Treaty Act, no work (i.e., clearing, grading, excavation, stockpiling, or placing of fill) may occur on the site between April 15 and July 15, unless: a) the site is sufficiently disturbed prior to April 15 to eliminate suitable nesting habitat; and, b) construction activity will occur continuously through June 15.

Note: Clearing or other disturbance of the site prior to April 15 may require Corps or other authorization.

Wetland Delineation. The applicant shall obtain or provide a delineation of the site's upland/wetland boundaries and, where applicable, the boundary between the "C" wetlands and adjacent "A" or "B" wetlands. The applicant may either request such delineation from the Corps, or provide, for Corps approval, a delineation performed by a qualified third party. The delineated boundary(ies) shall be clearly depicted on the proposed plans submitted with the GP application.

Surface Water Features. The project shall incorporate design features and construction methods to maintain flow of surface water across the site. To accommodate this requirement, the applicant shall assess the project site to identify drainage patterns and previously unmapped surface conveyances, such as streams and drainageways. These features must be field verified by Corps Regulatory, or Municipal Planning or Watershed Management staff.

Surface flow features shall be clearly depicted, along with any appropriate setback(s), on the proposed plans submitted with the GP application, as shall the measures proposed to maintain such flows. Cross-drainage, may be directed around the development area, but the project must maintain downstream flows similar in quality, quantity and direction to the pre-project condition. As discussed under Setbacks, the GPs may allow crossings of unmapped waterways, but do not authorize permanent diversions, channelization, or other alteration.

Local Flooding. The project shall incorporate design and construction features/methods necessary to ensure that the proposed project will not cause flooding of adjacent properties or public infrastructure.

Dewatering of Adjacent Wetlands. The project must incorporate design and construction measures (e.g., trench blocks, impermeable subsurface membranes) necessary to ensure that it will not cause short- or long-term dewatering of wetlands outside the project footprint. Details of the proposed design features and construction methods, along with supporting documentation, shall be included in the GP application.

Stormwater Functions. The applicant shall demonstrate that project plans include sufficient measures to effectively replace the site's pre-project stormwater retention and filtration capacity. The measures shall be sufficient to approximate zero net runoff increase, including flows from subdrains. Verification that the project's stormwater design meets this criterion must be obtained from the Municipal Watershed Management Section or its designee, and must be included with the GP application.

Visual Screening. The project shall incorporate permanent visual screening to protect adjacent, higher value wetlands or other waters from disturbances associated with the new development. The screening shall be at least 6 feet in height, and shall consist of solid wooden fencing, coniferous trees planted on 4-foot centers, or other similar feature. Proposed details, including materials, locations and timing of construction, shall be included in the GP application.

**ATTACHMENT B--TABLE 4
Anchorage GPa--Site Restrictions Design Criteria--"C" Wetlands**

Note: The following Table outlines the Site Restrictions and Design Criteria applicable to each wetland unit covered by the GPs. Attachment C identifies Project-specific and General Conditions that may be applicable to an individual activity during construction and operation. Additional conditions may result from agency review of proposed projects.

Wetland Unit	Location	Site Restrictions				ANCHORAGE BOWL				Design Criteria			
		Buffer Width	Setback From	Buffer Width	Setback From	Construction Timing Window	Wetland Disturbance	Surface Water Runoff	Local Flooding	Detachment of Adjacent Wetlands	Commercial Operations	Visual Screening	Other
1	SE Ocean Dock/ Terminal Rd.					X		X	X		X		
5	NE Glenn Hwy/ Mountain View					X			X		X		
	Turpin Park					X			X		X		
6	SW Turpin/ Glenn Hwy					X			X		X		
7	Russian Jack Park	25'	drainageways			X		X	X		X		
10	NW 32nd/ Pussywillow	65'	pond in south end			X	X	X	X		X		
		25'	drainageways	15'	"B" wetlands	X				X	X		
10A	NW Williwaw/ Pussywillow					X			X		X		
	Chugach Foothills Park					X			X		X		
	Susitna School					X			X		X		
	NW Muldoon/ Pearnigan					X			X		X		
11	SW Muldoon/ Pearnigan					X			X		X		
	NW Muldoon/ Northern Lights					X			X		X		
12	Muldoon Park	25'	drainageways			X		X	X		X		
13	SW Northern Lights/ Patterson					X			X		X		
16	Keyann to Ridgelake					X			X		X		
17	NW Northern Lights/Pine			15'	"B" wetlands	X	X	X	X	X	X		
17A	Northern Lights/ Westeyan					X			X		X		

ATTACHMENT B--TABLE 4
Anchorage GPS--Site Restrictions Design Criteria--"C" Wetlands

Wetland Unit	Location	Surface Wetlands		Buffer		Construction Fishing Window	Wetland Disturbance	Surface Water Features	Floodplain	Habitat of Adjacent Wetlands	Stormwater Functions	Annual Aesthetics	Other
		Width	Depth	Feet	Feet								
26A	Turnagain Bog at Northern Lights Postmark/ Sikorasky	65'	Turnagain Bog outlet			X		X	X	X	X		only land uses designated in Master Plan allowed
				25'	"A" wetlands	X		X	X	X	X		
26B	East Turnagain Bog	15'		15'	"B" wetlands	X		X	X	X	X		
				15'	"g" wetlands	X		X	X	X	X		
26C	NE Northern Lights/ Postmark East of Earthquake Park	65'	pond west of Chilligan	25'	"A" wetlands	X	X	X	X	X	X		
27	South of Point Woronzof	25'	drainageways			X		X	X	X	X		compensatory mitigation shall be based on field determination of REV
30	East of Delong Lake	85'	Delong Lake			X		X	X	X	X		
31A	NW International/ Minnesota SE International/ Minnesota					X			X		X		
									X		X		
34A	NW Seafood/ Ressel					X			X		X		
									X		X		
34C	SE Minnesota/ Raspberry					X			X		X		
34E	SW Raspberry/ Timothy					X			X		X		meadow in east 125' requires REV 2 mitigation

ATTACHMENT B--TABLE 4
Anchorage GPS--Site Restrictions Design Criteria--"C" Wetlands

Wetland Unit	Elevation	Site Restrictions				ANCHORAGE BOG (CODE A)				Design Criteria				Other
		Setback Width	Setback From	Buffer Width	Buffer From	Construction within	Wetland Relinquishment	Surface Water Removal Required	Recreation Prohibiting	Disturbance of Adjacent Wetlands	Stormwater Runoff	Visual Screening		
34F	NW Strawberry/Minnesota			15'	"B" wetlands	X	X	X	X	X	X	X		include measures to rehydrate bog to north
	SW Strawberry/80th					X			X	X	X	X		Tract I requires REV 2 mitigation
35	SE Strawberry/80th					X			X			X		
	East of Gladys Wood Elem					X			X			X		
36	NE Arlene/70th					X			X			X		
	Hathor Subdiv					X			X			X		
36A	88th to Blackberry			65'	tributary to Campbell Lake	X		X	X			X		
	Lakeridge Subdiv					X			X			X		
37D	SW Jewel Lake/84th					X			X			X		
	NE 72nd/Bailey			65'	pond	X		X	X			X		
37E	NW 72nd/Setter					X		X	X			X		
	NW Caravelle/Hunter					X			X			X		
38A	NE International/Juneau			100'	Campbell Creek	X	X		X			X		
	NE New Seward/Alpenhorn			25'	"A" wetlands	X	X		X			X		
38B	NW 72nd/Michelin					X			X			X		
	NE 68th/Railroad			25'	"A" wetlands	X	X		X			X		
38C	68th/Greenbelt			25'	"A" wetlands	X	X		X			X		
	West of Bus. Park Blvd.			25'	"A" wetlands	X	X		X			X		
40B	46th to International					X		X	X			X		

ATTACHMENT B--TABLE 4
Anchorage GPS--Site Restrictions Design Criteria--"C" Wetlands

Wetland ID#	Location	Surface Water		Surface Water		Construction Material Window	Wetland Wetland	Surface Water (Fenestration)	Flooded	Partial/Adjacent Wetlands	Recreational Activities	Value	Other
		Wetland	From	Wetland	From								
52	68th/ Pebblebrook					X			X		X		
	72nd/Abbott Lip					X			X		X		
	Lore/Randamar					X			X		X		
	Winchester, 72nd to 74th					X			X		X		
	Lake Otis/Lore					X			X		X		
54	80th/Medellin					X			X		X		
	NW 80th/Abbott Loop					X			X		X		
	80th/Alpine View					X			X		X		
55	80th/Sandy					X			X		X		
	84th/Raintree					X			X		X		
56	SW Dowling/ Laurel					X			X		X		
	SE Dowling/ Laurel					X			X		X		
57	SW Lake Otis/63rd					X			X		X		
	Stella to O'Brien					X			X		X		
58B	SW Dowling/ Burlwood					X			X		X		
	NW 64th/ Burlwood					X			X		X		
59B	South of 64th at Burlwood	100'	N Fk, Little Campbell Creek: active & inactive channels			X	X		X		X		
	New Seward to Meadow					X			X		X		
60B	Meadow to Basel					X			X		X		
	SE Seward/ Diamond	65'	tributary to S Fk, Little Campbell Creek			X			X		X		

ATTACHMENT B--TABLE 4
Anchorage GPS--Site Restrictions Design Criteria--"C" Wetlands

Wetland Unit	Location	Site Restrictions		ANCHORAGE ROWL (C) (D)		DESIGN CRITERIA					ORDR	
		Buffer Width	From	Construction Window	Wetland Disturbance	Structural Water Retention	Soil Erosion	Disturbance Wetlands	Brook Trout Habitat	Vegetation		
59	King St to Railroad			X		X	X					
	West of Gambell			X	X							
60	Diamond to Adonis			X			X					
	NW Minnesota/100th			X			X					
	C St ROW			X			X					
	NE C St/106th			X			X					
60B	NE C St/O'Malley			X			X					
	Cordova to Olive			X			X					
60C	O'Malley/C St			X			X					
	NW New Seward/O'Malley			X	X		X	X				compensatory mitigation shall be based on field determination of REV
61	Resolution Pointe	25'	drainageways			X		X	X			
	Discovery Hts	25'	top of bluff above Bayshore Creek	25'	"A" wetlands	X	X		X			
63	Inside Maritimes					X			X			
	NE Southport/Washington					X			X			
	NW Ensign/Halfitch					X			X			
	NW Ensign/Southport					X			X			
	Ketch to Cutler Bayshore to Southport	15'		15'	"B" wetlands	X	X		X			
	South of Bellvue					X			X			
63	Juniper/Old to New Klatt					X			X			
	SE Old Klatt/Juniper					X			X			

ATTACHMENT B--TABLE 4
Anchorage GPa--Site Restrictions Design Criteria--"C" Wetlands

Wetland Unit	Location	Site Restrictions				ANCHORAGE NORTH (GPA)				Design Criteria			
		Stream Width	Stream From	Wetland Width	Buffer From	Contributions to Wetland	Wetland Disturbance	Surface Water	Local Flooding	Disturbance of Adjacent Wetlands	Streambed Alterations	Wetland Loss	Other
64	Timberlane Park Area	25'	drainageways			X		X	X			X	
	SE Johns/Huffman					X			X			X	
67	West of Vanguard					X			X			X	
	South of Sentry					X			X			X	
68	84th to Abbott					X			X			X	
	Abbott Loop to Silver Spring	100'	Little Campbell Creeks	25'	"A" wetlands	X	X	X	X	X		X	
70	North of Moose	25'	drainageways			X		X	X			X	
	West of Rockridge	100'	S Fk, Little Campbell Creek	25'	"A" wetlands	X	X	X	X			X	
72A	Lake-o-the-Hills to Rockridge	85'	springs										
		85'	S Fk, Little Campbell Creek & tributary			X		X	X			X	
		25'	drainageways										
		100'	tributary to S Fk, Little Campbell Creek			X		X	X			X	
72B	Cobra to Trails End	25'	drainageways										
		85'	Craig Creek			X	X	X	X	X		X	
72B	Woodbourne to Hillside	100'	S Fk, Little Campbell Creek			X		X	X			X	
					NW Upper Huffman/Ginami			X		X	X		

ATTACHMENT B--TABLE 4
Anchorage GPS--Site Restrictions Design Criteria--"C" Wetlands

Wetland Dist	Location	Setback		Huffer		Construction Timing Window	Wetland Delimitation	Site Use Values Required	Local Flooding	Disturbance of Adjacent Wetlands	Stormwater Functions	Visual Screening	Other
		Width	From	Width	From								
72C	NE Mountain Lake Dr/Stony Brook	85'	Craig Creek			X		X	X		X		
	Birch to Baronik	100'	S Fk, Little Campbell Creek			X	X	X	X		X		
72F	Rock Ridge to Birch	100'	South Fork, Little Campbell Creek	25'	"A" wetlands	X	X	X	X		X		
	SW Downey Finch/Maxwing					X		X	X		X		
73	Wagner to Cange	65'	N Fk, Furrow Creek			X	X	X	X		X		
	Change to Jerome	65'	N Fk, Furrow Creek			X	X	X	X		X		
74	NE Huffman/Gregory	65'	N Fk, Furrow Creek			X	X	X	X		X		
	NW Huffman/Woodward	65'	springs			X	X	X	X		X		
	Inside Alderwood					X		X	X		X		
75	NE Lake Otis/Huffman	25'	drainageways			X	X	X	X		X		
	Woodway to Gander	65'	N Fk, Furrow Creek			X	X	X	X		X		
77	Merganser to Flyway					X		X	X		X		
78	Loc Loman to Sanderlin					X		X	X		X		
	SE Elmore/Manyrell	25'	drainageways			X		X	X		X		
79A	142nd to 144th	25'	drainageways			X		X	X		X		
80	NW Andover/Northfield	85'	tributary of Elmore Creek			X		X	X		X		

ATTACHMENT B--TABLE 4
Anchorage GPS--Site Restrictions Design Criteria--"C" Wetlands

Wetland ID#	Location	Site Restrictions				ANCHORAGE BOWL (cont'd)				Design Criteria			
		Setback		Buffer		Construction Timing Window	Wetland Disturbance	Surface Water Features	Local Flooding	Dewatering of Adjacent Wetlands	Stormwater Functions	Visual Screening	Other
		Width	From	Width	From								
85	NW 164th/St. James	25'	drainageways			X		X	X			X	
	SE 162nd/St. James	85'	tributary to Little Rabbit Creek			X		X	X			X	
85A	Fedosa at Belarde	25'	drainageways										
		65'	ephemeral pond in south end tributary to Little Survival Creek			X		X	X	X		X	
102	East of Thunderbird Creek	65'	waterways			X	X	X				X	
	NW Thunderbird/ Sandpiper	25'	drainageways			X			X			X	
103	Thunderbird/ Teal	65'	tributary to Thunderbird Creek			X			X			X	
	SW Thunderbird/ Sandpiper					X		X	X			X	
104	North of Clearing	65'	creek			X		X	X			X	
	South of Clearing					X		X	X			X	
106	NE Paradis/ Malen	65'	creek			X		X	X			X	
	North of Rankin					X		X	X			X	
107	West of Glenn					X		X	X			X	
	Between New & Old Glenn					X		X	X			X	

ATTACHMENT B--TABLE 4
Anchorage Gps--Site Restrictions Design Criteria--"C" Wetlands

Wetland ID#	Location	Beach		Buffer		Construction Timing Window	Wetland Interaction	Surface Water Features	Soil Flooding	Disturbance Adjacent Wetlands	Stormwater Runoff	Visual Impairment	Other
		Width	From	Width	From								
146	NW Springbrook/ Faith					X		X	X				
144	Springbrook to Santa Maria					X		X	X				
144	Springbrook to Dee	65'	Loop Creek			X		X	X				
144	SE Eagle River Lp Rd/Bridge					X			X				
144A	Eagle Pointe Subdiv & Greenbelt			25'	"A" wetlands	X	X	X	X				
145	NW Bernard/Bert R&R Subdiv & Greenbelt					X	X	X	X				
146	Eagle River Greenbelt			25'	"A" wetlands	X	X	X	X				
FOURTH AVE													
SITE RESTRICTIONS													
Buffer													
171	Bird Creek Regional Park					X		X	X				
172	South of Bird Creek					X		X	X				needs survey for fish use
173	Along Railroad					X		X	X				
180	Portage					X	X	X	X				
202	SW Alyeska Hwy/ Railroad			25'	"A" wetlands	X	X	X	X				X
203	Alyeska Hwy to Main St					X		X	X				
	Main to East					X		X	X				
	N of Agostino Mine Rd.					X		X	X				
	Agostino to Hotentot					X		X	X				
208	Treasure Box to Gunnysack					X		X	X				
	West End, Gunnysack					X		X	X				
	Gunnysack to Jewel Mine					X		X	X				

ATTACHMENT B--TABLE 4
Anchorage GPS--Site Restrictions Design Criteria--"C" Wetlands

Wetland Unit	Location	Setback		Buffer		Construction (including ditches)	Wetland delineation	Surface water features	Local flooding	Disturbing activities	Proposed uses	Visual screening	Other
		Width	From	Width	From								
119	Amonson to Skyview					X		X	X		X		
	GBA Park					X		X	X		X		
	Opposite K&R St					X		X	X		X		
120	East Edge Section 19					X		X	X		X		
	NW Beach Lk Rd/ Birchwood Lp	100'	Parks Creek			X		X	X		X		
	SW Beach Lk Rd/ Birchwood Lp					X		X	X		X		
121	NE Beach Lk Rd/ Birchwood Loop	100'	Parks Creek			X		X	X		X		
	North of Chugiak HS	100'	Parks Creek			X		X	X		X		
	Birchtree at Glenn Hwy	100'	tributary to Parks Creek	25'	"A" wetlands	X	X	X	X	X	X		
125	Hillcrest to Pioneer					X		X	X		X		
	Pioneer to Patches					X		X	X		X		
	NE Powder Ridge Subdiv					X	X	X	X	X	X		
126	NE Glenn Hwy/ South Birchwood					X		X	X		X		
	SW Old Glenn/ Darby	85'	tributary to Fire Lake			X		X	X		X		
130	East of Fire Creek	100'	Fire Creek	25'	"A" wetlands	X	X	X	X		X		
	West of Fire Creek	100'	Fire & Carol Creeks	25'	"A" wetlands	X	X	X	X		X		
	West Powder Reserve			15'	"B" wetlands	X		X	X		X		
133	North & West of Vasilii			25'	"A" wetlands	X	X	X	X		X		
	South of Fire Bagle	100'	Fire Creek	25'	"A" wetlands	X	X	X	X		X		
136	West of Glenn, at Breckenridge	65'	Creek at south end			X		X	X		X		
	SE Schroeder/ Iris					X		X	X		X		

ATTACHMENT B--TABLE 4
Anchorage GPS--Site Restrictions Design Criteria--"C" Wetlands

Wetland Unit	Location	Site Restrictions				DESIGN CRITERIA							Other	
		Setback Width	Setback From	Buffer Width	Buffer From	Construction Timing Window	Wetland Disturbance	Surface Water Features	Local Flooding	Disturbance of Adjacent Wetlands	Shorewater Functions	Riparian Screening		
210	West of Juniper					X		X	X					compensatory mitigation shall be based on field determination of REV
		212	West of Alpine View Estates	100'	tributary to Glacier Creek	25'	"A" wetlands		X	X	X	X		compensatory mitigation shall be based on field determination of REV
									X	X	X	X		compensatory mitigation shall be based on field determination of REV
									X	X	X	X		compensatory mitigation shall be based on field determination of REV
213	Alta to Timberline	TBD	tributary to Glacier Creek	25'	"A" wetlands	X	X	X	X	X			needs survey for use by anadromous fish	
							X	X	X	X				
							X	X	X	X				
							X	X	X	X				
	Vail Cir to Alpine					X	X	X	X	X				

APPENDIX B--TABLE 4
Anchorage GPS--Site Restrictions Design Criteria--"C" Wetlands

Wetland Date	Location	Site Restrictions		Buffer		Construction Timing Window	Wetland Disturbance	Surface Water Resources	Local Flooding	Disturbance of Adjacent Wetlands	Stormwater Functions	Visual Screening	Other	
		Setback Width	From	Width	From									
213 (cont'd)	Vail at Stowe	TBD	tributary to Glacier Creek										needs survey for use by anadromous fish; compensatory mitigation shall be based on field determination of REV	
214	West of Alpine, Donner to Cortina					X								
						X								
						X								
	Cortina to Davos					X								
218	NW Aspen/ Arlberg	85'	tributary to Alyeska Creek			X							compensatory mitigation shall be based on field determination of REV	
						X								

**ATTACHMENT B--TABLE 5
Anchorage GPS--Site Restrictions Design Criteria--Unmapped Wetlands**

Note: The following Table outlines the Site Restrictions and Design Criteria applicable to each wetland unit covered by the GPS. Attachment C identifies Project-specific and General Conditions that may be applicable to an individual activity during construction and operation. Additional conditions may result from agency review of proposed projects.

Wetland Unit	Location	Site Restrictions				ANCHORAGE BOWL							Other
		Setback		Buffer		Construction Timing Window	Wetland Relinquishment	Surface Water Retention	Local Flooding	Disturbance of Adjacent Wetlands	Stormwater Function	Visual Screening	
		Width	From	Width	From								
U1	Centennial Park					X	X	X	X		X		
U2	Williwaw to Regal Mountain Dr					X	X	X	X		X		
U3	Woodland Park					X	X	X	X		X		
U4	NE Raspberry/Seafood					X	X		X		X		
U-5	NW Old Seward/64th					X	X		X		X		
U-6	SW Tudor/Bragaw					X	X		X		X		
U-7	SE 69th/Rosewood	100'	N Fk, Little Campbell Creek			X	X	X	X		X		
U-8	South & East of Moose Dr					X	X	X	X		X		
U-9	NE MacBeth/Mumby	85'	Craig Creek			X	X	X	X		X		
U-10	Cobblestone Hill to Kings Way					X	X	X	X		X		
U-11	Little Rabbit Creek to 162nd	85'	tributaries to Little Rabbit Creek			X	X	X	X		X		
U-12	SW Goldenview/Kallander	85'	creeks			X	X	X	X		X		
U-13	SE Goldenview/Bluebell	85'	creeks			X	X	X	X		X		

ATTACHMENT C

GENERAL PERMIT AUTHORIZATION CONDITIONS

PROJECT-SPECIFIC CONDITIONS:

Note: The following Conditions will be added to each General Permit authorization, as applicable; additional conditions may be attached to General Permits as a result of agency reviews of proposed projects.

Time Limit. GP authorization of this project expires on **(two years from date of verification/OC)**. If you need more time to complete the authorized activity, submit a request for extension under these GPs to the Municipal Planning Department prior to the expiration date. You may not continue work beyond the expiration date until receiving notification to that effect from the Municipal Planning Department or the Corps Regulatory Branch.

Note: Permittees should allow at least one month for processing of extension requests.

Construction Window. To protect nesting migratory birds, as required by the Migratory Bird Treaty Act, no work (i.e., clearing, grading, excavation, stockpiling, or placing of fill) may occur on the site between April 15 and July 15, except at sites which have been sufficiently disturbed by April 15 to eliminate suitable nesting habitat, and on which continuous construction activity will occur through June 15.

Other Approvals Required Before Starting Work. You must not disturb wetlands for this project until you have obtained all applicable Municipal and State approvals required for the work. These approvals include, but are not limited to:

Municipality of Anchorage:

- | | |
|--|--|
| <input type="checkbox"/> Land Use Permit | <input type="checkbox"/> Grading & Fill Permit |
| <input type="checkbox"/> Building Permit | <input type="checkbox"/> Right-of-Way Permit |
| <input type="checkbox"/> Flood Hazard Permit | <input type="checkbox"/> Utility Agreement(s) |
| <input type="checkbox"/> Rezoning Approval | <input type="checkbox"/> Preliminary Plat Approval |
| <input type="checkbox"/> Subdivision Agreement | <input type="checkbox"/> Stormwater Treatment Plan |
| <input type="checkbox"/> Parks Right-of-Entry Permit | <input type="checkbox"/> Wastewater Disposal |

Alaska Department of Environmental Conservation:

- | | |
|--|--|
| <input type="checkbox"/> Stormwater Treatment Plan | <input type="checkbox"/> Wastewater Disposal |
| <input type="checkbox"/> Soil Remediation Plan | |

If any of these or other approvals result in a change to the attached plans, you must provide a description of the change and a revised plan(s) to either Municipal Planning Department Staff or the Corps Regulatory Branch, and may not proceed with the project until the change is authorized.

Offset Unavoidable Impacts. To offset the unavoidable adverse impacts of the project to the aquatic environment, you

___ shall (describe approved compensatory mitigation project and timeline, which will typically precede or run concurrently with construction of the development project. Approved plans and details for the mitigation project shall be included in the final permit packet).

___ shall provide an In-Lieu Fee in the amount of (\$6,939 per acre) prior to disturbing wetlands for this project. You may either submit this fee directly to the Great Land Trust or other nonprofit conservation group with whom the Corps has a Memorandum of Agreement or request that Municipal Planning Department Staff forward it to them. In either case, the fee transmittal shall include both the GP reference number for the project and the extent of wetlands impact (square feet or acres) it is intended to offset.

Note: Excluding lots located in new subdivision developments, single family homes impacting less than 16,500 square feet of wetlands are exempt from this requirement.

Waterbody Setback(s). You must maintain a _____-foot non-disturbance setback from (waterbody name), as measured horizontally from its ordinary high water mark. This setback area shall be treated as "A" wetlands.

Wetland Buffer(s). You must maintain a _____-foot non-disturbance buffer from the ("A"/"B") wetlands to the (direction(s)) of the project site. This buffer area shall be treated in the same manner as the adjacent ("A"/"B") wetland.

Field Delineation of Site and Project Features. You must not disturb wetlands for this project until you clearly mark the following permitted features at the project site and these have been verified in the field by the Corps or its delegate:

___ Project Footprint	___ Stream Setback(s)
___ Lake/Pond Setback(s)	___ Drainageway Setback(s)
___ "A" Wetland Buffer	___ "B" Wetland Buffer
___ Other (as specified in permit review)	

Limits on Work Area. You must not conduct any of the following activities in wetlands or waterbodies beyond the approved project footprint (or in any other avoidance area identified above) during either construction or operation of the project/facility:

- Discharge of fill material (even temporarily), including stockpiles; or,
- Excavation and sidecasting/backfilling; or,
- Mechanized landclearing; or,
- Operation, parking/storage or servicing of equipment.

Construction Runoff. You must employ runoff control measures necessary to preclude or minimize both erosion and the transport of sediment and

solid waste beyond the approved project footprint. These measures shall include, but are not limited to:

- ___ Phasing of Site Preparation (to minimize the extent of exposed soil);
- ___ Silt Fence;
- ___ Reroute Offsite Runoff around Disturbed Soils (e.g., dike/ditch)
- ___ Mulching (e.g., wood chips, straw, grass clippings, gravel);
- ___ Matting (e.g., jute, straw, coir);
- ___ Sheeting for Stockpiles, Temporarily Exposed Slopes (e.g., plastic, geotextile fabric);
- ___ Check Dams in Ditches/Drainageways (e.g., hay bales, sand bags, gravel berms);
- ___ Surface Roughening (to slow runoff down slope);
- ___ Terracing of Slopes;
- ___ Sediment Trap(s);
- ___ Temporary Sediment Basin;
- ___ Storm Drain Inlet Protection (e.g., hay bales, sand bags, gravel berm)
- ___ Outlet Filtering/Stabilization for Construction Dewatering;
- ___ Revegetation of Fills and Disturbed Soils

Visual Screening. You shall install the visual screen depicted in the plans immediately following placement of fill at the screening site. The visual screen shall be maintained in perpetuity.

Contaminated Soil. If contaminated soils are discovered during construction, you must immediately cease all work in the vicinity of the contamination, contact the Alaska Department of Environmental Conservation for instructions, and defer any further activity until you receive ADEC approval to continue.

Endangered Species. The activity must not jeopardize the continued existence of a threatened or endangered species, as identified under the Endangered Species Act, nor endanger the critical habitat of such species.

GENERAL CONDITIONS OF AUTHORIZATION:

Note: The following General Conditions will apply to all projects authorized under these GPs.

Water Quality Certification. You must comply with all conditions specified as part of the Alaska Department of Environmental Conservation Water Quality Certification, which is part of these GPs.

Historic and Archaeological Sites. These GPs do not authorize activities, including the use of material borrow sites, in or that adversely affect known historic properties listed or potentially eligible for the National Register of Historic Places, nor any such sites listed or found to be potentially eligible in the future. The permittee shall stop work when cultural resources are inadvertently discovered during the course of work and notify the Corps. The Corps

will enter into consultation with the Alaska State Historic Preservation Office to determine if historic properties will be affected by the permitted work. Work shall resume after cultural resources have been evaluated pursuant to Section 106 of the National Historic Preservation Act.

Inspections. You must permit the District Engineer, or his designated representatives, to inspect the authorized activity at any time deemed necessary to ensure that it is being, or has been accomplished in accordance with the terms and conditions of these GPs.

Maintenance. You must maintain the authorized activity in good state, and in conformance with the terms and conditions of these GPs. You are not relieved of this requirement even if you abandon the authorized activity, although you may make a good faith or legal transfer to a third party, as described below. Should you wish to cease to maintain the activity or abandon it without a good faith transfer, you must obtain a modification of the GP authorization from the Corps Regulatory Branch either directly, or through Municipal Planning Staff. Such modification may require restoration of the area.

Sale or Transfer of Property. If you sell or transfer the property associated with the authorized activity, you must obtain the signature of the new property owner or lessee in the space on the verification/OC and submit a copy of that page to the Municipal Planning Department and/or Corps Regulatory Branch, along with appropriate documentation of the transaction. You must submit this information within 30 days of the property transfer, to validate transfer of the GP authorization to the new party.

Attachment D:

Corps of Engineers Anchorage Wetlands Policy

This is to reaffirm an existing policy by which the U.S. Army Corps of Engineers, Alaska District (Corps) implements its responsibilities under Section 404 of the Clean Water Act, in relation to Anchorage wetlands.

Individual permits for the placement of dredged and/or fill material into wetlands designated "A" will generally not be issued. The only exceptions will be to permit those activities, which would enhance, restore, or preserve the natural character of the wetlands, or projects with substantive public benefit, as determined by the District Engineer. Such a determination will be made by the District Engineer only after all of the 404(b)(1) criteria have been satisfied. Further, the goal for "A" wetlands is no overall loss of value and function. Unless there are exceptional circumstances, as determined by the District Engineer, any compensation for loss of values and functions should be in the same watershed.

Individual permits for the placement of dredged and/or fill material into "B" wetlands will generally not be issued unless the applicant clearly demonstrates the following:

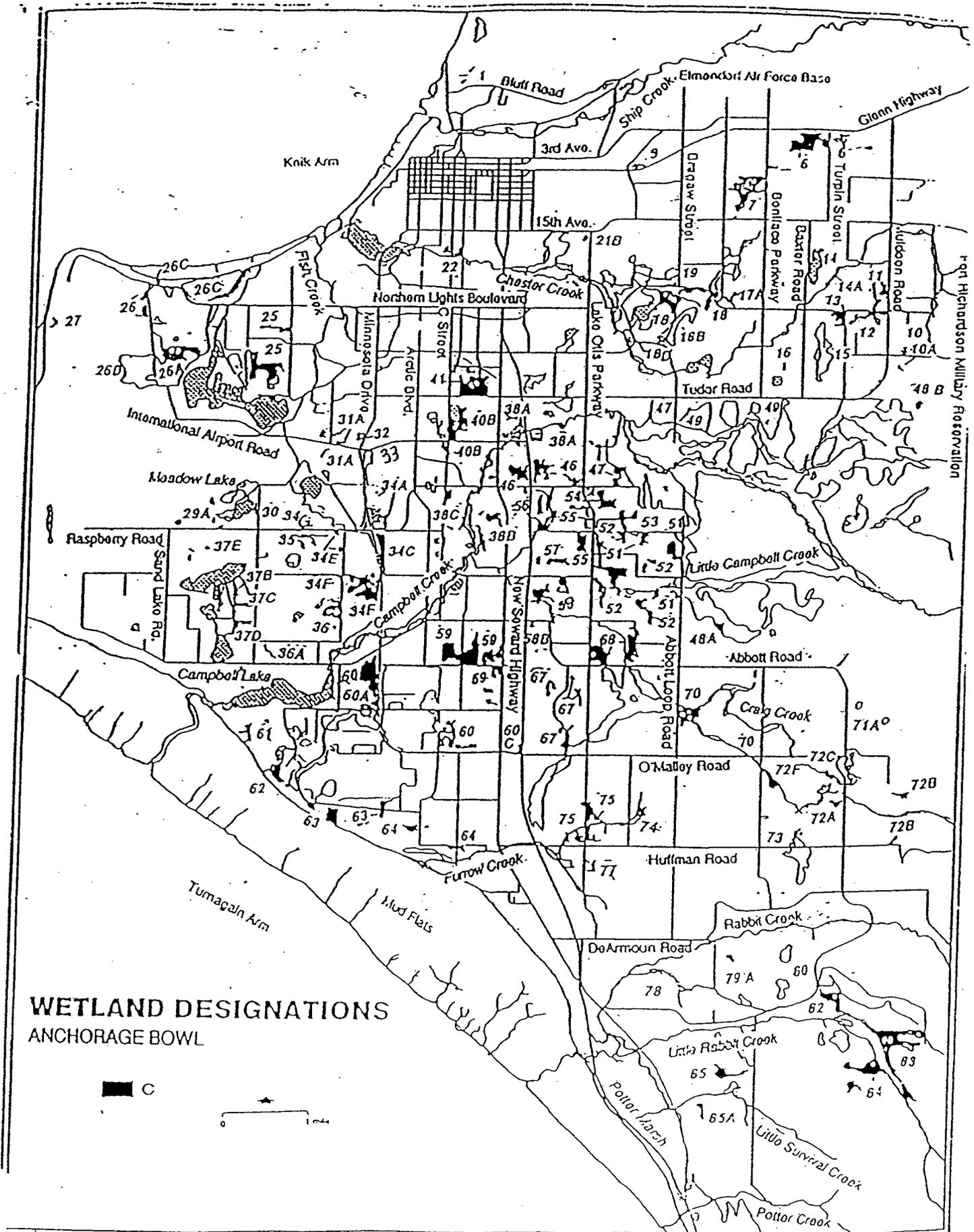
- a) The qualitative and quantitative wetland values (e.g., fish and wildlife habitat, surface water retention and recharge, nutrient exchange, aesthetics, recreation, etc.) that would be impacted by the proposed activity.
- b) The qualitative and quantitative wetland values that would remain if the project were to be implemented.
- c) The onsite (within the same ecosystem, e.g., discrete wetland area) mitigation measures proposed to lessen, compensate, or restore the wetland values that would be adversely impacted.

Furthermore, this information will be used by the Corps to determine whether the proposed activity would result in no overall loss to wetland values and functions, if the project were to be implemented. This policy applies to all aspects of "B" wetlands in the AWMP Revision (1996) whether they are characterized as fringe, core, etc. If the application is received, which clearly reflects this information, and the proposal is found to be not contrary to the public interest [including compliance with the 404 (b)(1) Guidelines], individual permits will be issued.

Prospective applicants are encouraged to review 40 CFR, Part 230.75, Subpart H, Actions to Minimize Adverse Effects, of the 404(b)(1) Guidelines, and Chapter 6 of the AWMP Revision, as projects are being designed.

The Corps encourages prospective applicants to participate in pre-application coordination with the Alaska District, Regulatory Branch, and other interested agencies and organizations, prior to submitting an application. Questions and requests for such coordination may be addressed by calling (907) 753-2712.

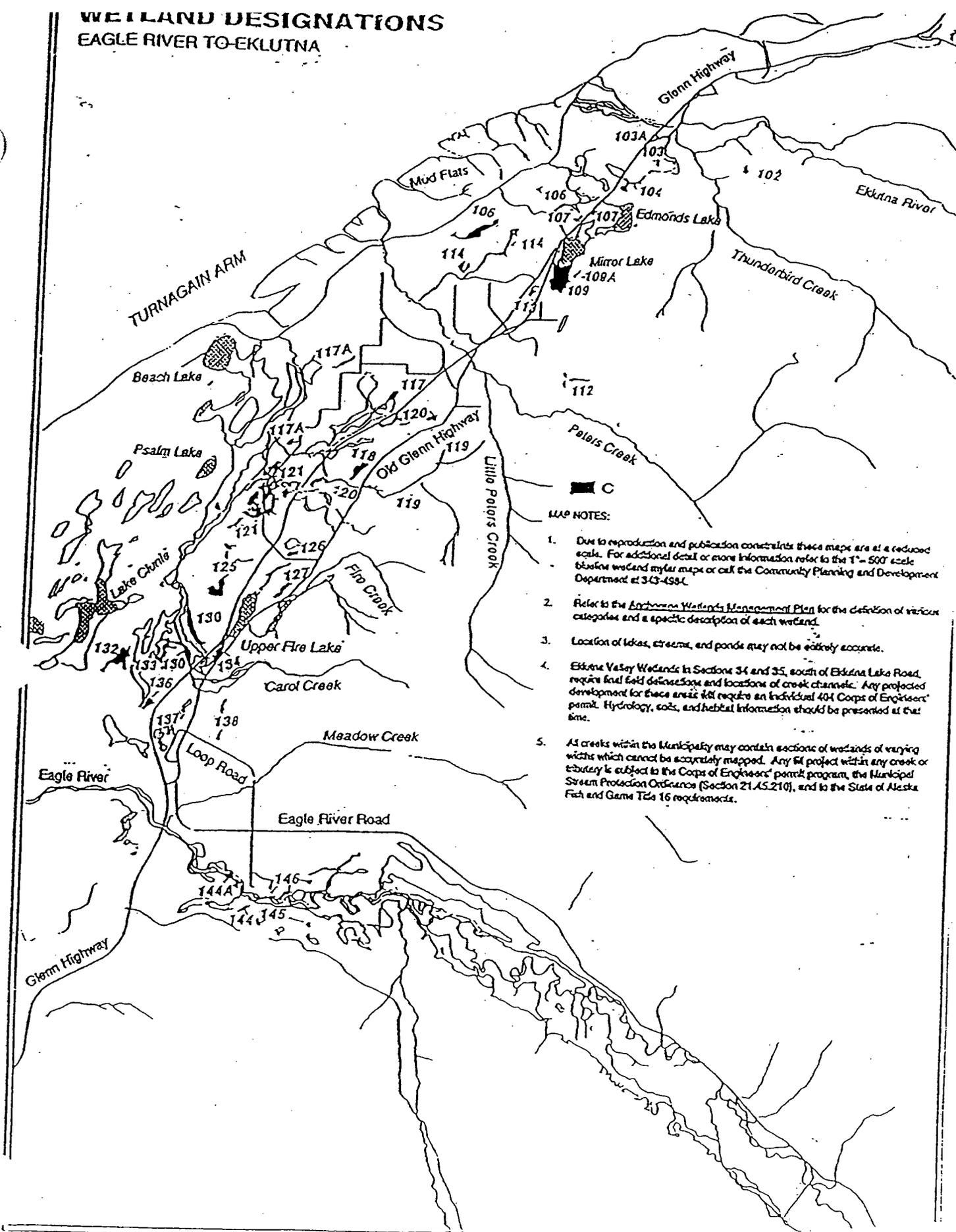
The Corps continues to support the intent of the AWMP Revision.



Attachment E: These maps are provided here only to serve as a guide for the general location of wetland units designated "C" in the Anchorage Wetlands Management Plan Revision, April 1996. Refer to better maps at <http://munimaps.muni.org/website/GISlayers/application/map.htm> (with the "Wetlands" layer activated).

WETLAND DESIGNATIONS

EAGLE RIVER TO-EKLUTNA



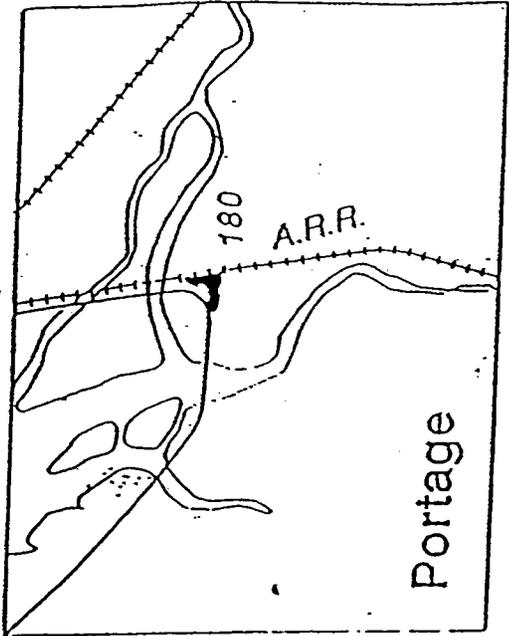
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WETLAND DESIGNATIONS
RAINBOW, INDIAN, AND BIRD CREEK

Chugach State Park

Indian

Indian Creek



Portage

MAP NOTE:

Most of Portage Valley within the Chugach National Forest boundary is wetlands. The lower third of Portage Valley is predominantly coastal wetlands.

Chugach State Park

Bird Creek

Bird Creek

Seward Highway

171

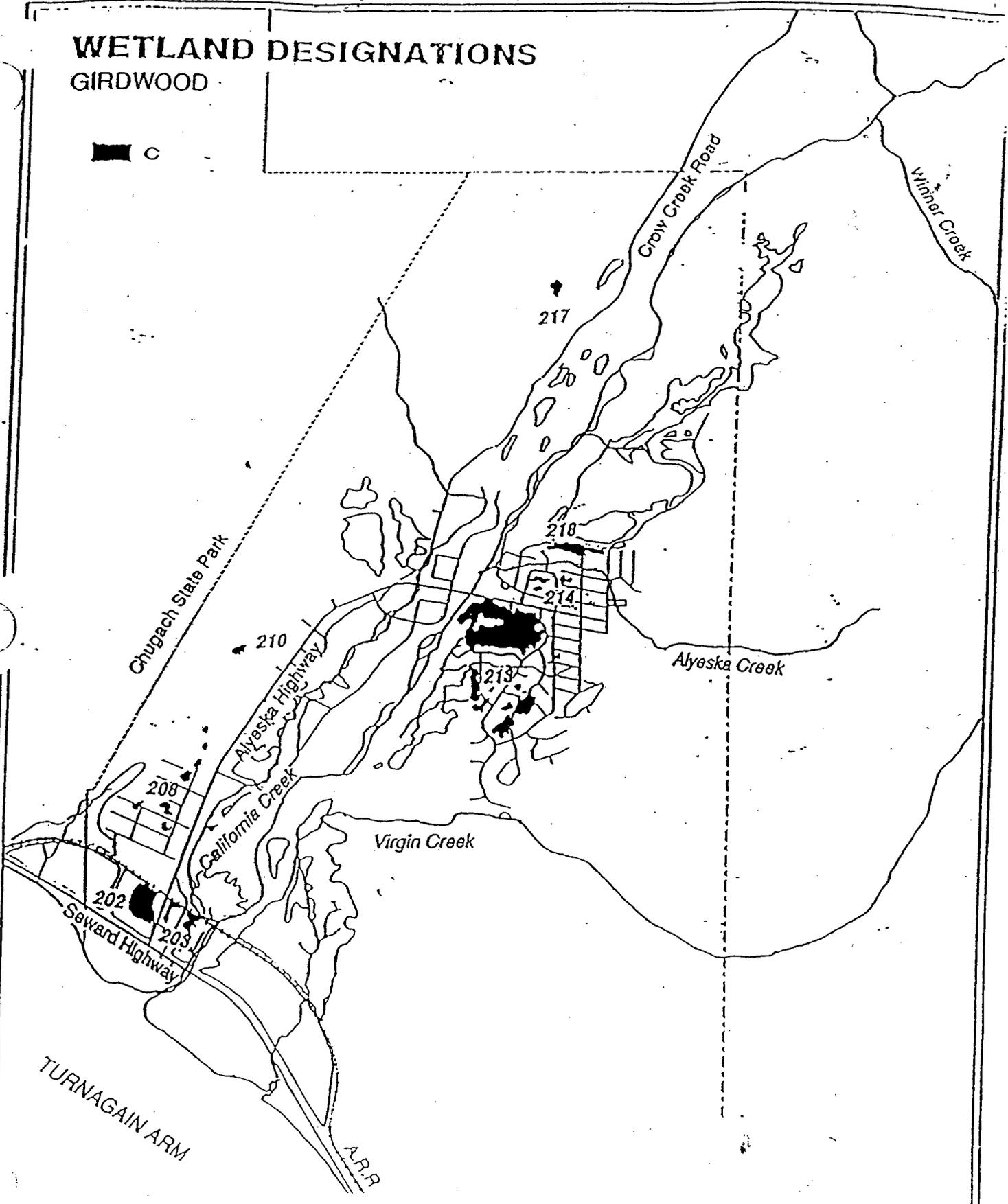
A.R.R.

TURNAGAIN ARM



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WETLAND DESIGNATIONS GIRDWOOD



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