



**Municipality of Anchorage**

Department of Public Works  
Project Management and Engineering  
3500 East Tudor Road  
Anchorage, Alaska



**Application for Flood Hazard Permit**

**Permit #**

APPLICANT COMPLETES PARTS I – IV

|  |  |   |                  |
|--|--|---|------------------|
| <b>I. IDENTIFICATION – NAME</b>  |  | <b>MAILING ADDRESS</b>                              |                  |
| OWNER Miriam McCulloch, PE<br>Alaska Department of Transportation & Public Facilities (DOT&PF) |  | PO BOX 196900<br>Anchorage, Alaska 99519-6900       | PHONE # 269-0546 |
| CONTRACTOR<br>Not Known  |  |   | PHONE #          |
| ARCHITECT, ENGINEER<br>HDR Alaska, Inc.  |  | 2525 C Street, Suite 305<br>Anchorage, Alaska 99503 | PHONE # 644-2000 |

|   |     |              |             |
|---|-----|--------------|-------------|
| <b>II. LOCATION OF PROPOSED DEVELOPMENT</b>   |     |              |             |
| ADDRESS (Street No., Street and Zip)<br>West Dowling Road Connection (see Figure 1) |     | TAX PARCEL # | — —         |
|   |     | TAX PARCEL # | — —         |
|   |     | TAX PARCEL # | — —         |
|   | LOT | BLOCK        | SUBDIVISION |

|   |   |  |
|---|---|--|
| <b>III. DESCRIPTION OF PROPOSED WORK – CHECK APPLICABLE BLOCKS</b>  |   |  |
| <input type="checkbox"/> Structure  | <input type="checkbox"/> Mobile Home                            | <input type="checkbox"/> Watercourse Alteration                |
| <input type="checkbox"/> New  | <input type="checkbox"/> Private Lot                            | <input checked="" type="checkbox"/> Utility Service Connection |
| <input type="checkbox"/> Addition   | <input type="checkbox"/> Mobile Home Park                       | <input checked="" type="checkbox"/> Utility Mainline (Specify) |
| <input type="checkbox"/> Alteration   |   | <u>Transmission Line Relocation</u>                            |
| <u>Demolition of Buildings</u>  |   |  |
| <input type="checkbox"/> Residential  | <input checked="" type="checkbox"/> Grading, Excavation, Fill * | <input checked="" type="checkbox"/> Road Construction          |
| <input type="checkbox"/> Commercial   | <input type="checkbox"/> Subdivision                            | <input checked="" type="checkbox"/> Other (Specify) *          |
| *replacing the bridge over Campbell Creek and construction of a roadway on the northern edge of Tina Lake |   |  |

|  |
|--|
| <b>IV. PLANS, SPECIFICATIONS, CERTIFICATIONS REQUIRED WITH APPLICATION</b>   |
| Provide THREE SETS of detailed plans of the proposed development which include:  |
| (1) Plot plans stamped by a registered land surveyor, showing mean sea level (MSL) elevation of the lowest floor including basement of all structures. NO STRUCTURES SO THIS IS NOT NECESSARY.   |
| (2) MSL elevation to which any proposed structure will be floodproofed. NO STRUCTURES SO THIS IS NOT NECESSARY.  |
| (3) Certification by a registered professional engineer or architect that the floodproofing methods are adequate to prevent flood damage. NO STRUCTURES SO THIS IS NOT NECESSARY.  |
| (4) A description of watercourse alterations/relocations or work within a floodway, with hydrological calculations stamped by a registered professional engineer. THE PROJECT WILL NOT CHANGE THE FLOODWAY AREA OR ASSOCIATED BASE FLOOD ELEVATIONS. |
| (5) Provide base flood (100 yr.) elevation data for a development or subdivision greater than 50 lots or 5 acres, whichever is least. NOT APPLICABLE.  |
| (6) Copies of permits required by other local, state and federal agencies. ATTACHED.   |
| (7) Information regarding limits of work for any fill or excavation proposed to be placed or removed during construction of the development.   |
| (8) Provide impervious surface area (as %) for development in floodplain area. Impervious surfaces prevent the entrance or passage of water into the soil, e.g. building sites, asphalt surfaces, etc.   |
| If a permit is issued, an as-built drawing stamped by a registered professional engineer, land surveyor or architect, as appropriate, must be submitted to this office upon completion of the project or the permit will be cancelled.               |

Your application will be approved or denied within 30 days of receipt of the last required information. It is YOUR RESPONSIBILITY to submit a complete application.

|                              |      |
|------------------------------|------|
| Signature of owner/applicant | Date |
|------------------------------|------|

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**For Office Use Only**

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Fee Calculation:

Permit For

Fee

|                                      |  |       |
|--------------------------------------|--|-------|
| Structure with Utility Connect       |  | _____ |
| * Watercourse Alteration/Obstruction |  | _____ |
| * Street/Road Improvements           |  | _____ |
| * Utility Mainline(s):               |  |       |
| Gas                                  |  | _____ |
| Water                                |  | _____ |
| Sewer                                |  | _____ |
| Electric                             |  | _____ |
| Telephone                            |  | _____ |
| Cable                                |  | _____ |
| Other (Specify)                      |  | _____ |
| _____                                |  |       |
| New Subdivision                      |  | _____ |
| Utility Service Connect              |  | ===== |
| Total Fees Due:                      |  | _____ |

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Method of Payment

Check Number: \_\_\_\_\_ Cash Received: \_\_\_\_\_

Charge Back Number: \_\_\_\_\_

Cashier Name: \_\_\_\_\_

NOTICE: All fees are payable at time of application.

- \* If issuance of a permit for one of these types of developments is, after review, refused by the Municipality of Anchorage, one half of the permit fee deposited will be returned to the applicant.

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## Flood Hazard Questionnaire

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The Municipality has a system for reviewing and processing resource-related permits, and approvals for proposed projects in areas of the Anchorage Bowl. As a participant in this process, you are required to complete this questionnaire. The questionnaire will identify approvals required for your project (or a specific phase of your project) from the Departments of Fish and Game, Natural Resources and Environmental Conservation, Department of Community Planning and Department of Public Works, Floodplain Management.

Attached is a list of regional agency contacts. We urge you to contact the appropriate agency staff when you are answering that agency's questions.

If you have any questions concerning the process, please contact the Department of Public Works Flood Hazard Coordinator at 343-8251.

IF YOUR ANSWERS TO THE FOLLOWING QUESTIONS ARE NOT CORRECT AND COMPLETE AND AN AGENCY DETERMINES THAT YOU DO NEED ONE OF THEIR APPROVALS, THEY WILL NOTIFY YOU AND YOU WILL BE RESPONSIBLE FOR ATTAINING THAT APPROVAL. HOWEVER, THIS WILL LIKELY CAUSE A DELAY IN THE REVIEW OF YOUR PROJECT. TO AVOID THIS DELAY, WE ENCOURAGE YOU TO SEEK ASSISTANCE FROM AGENCY STAFF IN COMPLETING THE QUESTIONNAIRE.

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Applicant: DOT&PF Contact Person: Miriam McCulloch, PE

Address: PO BOX 196900 Address: Same  
Anchorage, AK 99519-6900

Phone (Day): (907) 269-0546 Phone (Day): \_\_\_\_\_

Brief description of project or activity: Widening and Extending of Dowling Road from Old Seward Highway to Minnesota Drive. The project will replace the bridge over Campbell Creek. The roadway will be construction through the northern edge of Tina Lake.

Location of project: West Dowling Road between Old Seward Highway and Minnesota Drive

Township 13N Range 3W Meridian Seward Section 31

USGS Map Anchorage  
A8 NW

- Is project on:
- Private land
  - State land
  - Federal land
  - Municipal land

Ownership not known

**Part A**

Do you currently have any State or Federal approvals/permits for this project?

Yes  No

Permit/Approval Type \_\_\_\_\_ Permit/Approval # \_\_\_\_\_ Expiration Date \_\_\_\_\_

Will you be placing structures, or placing fills in any of the following?  
tidal waters, streams, lakes, wetlands?

Yes  No

If so, have you or do you intend to apply for a U.S. Army Corps of Engineers permit(s)?  
(Provide details below.)

Yes  No

Have you or do you intend to apply for other permits from any federal agency?  
(Provide details below.)

Yes  No

| Agency                     | Permit/Approval Type                          | Date Application Submitted              |
|----------------------------|-----------------------------------------------|-----------------------------------------|
| US Army Corps or Engineers | Section 404 _____                             | <b>concurrent</b> with this application |
| US EPA                     | NPDES _____                                   | Contractor Supplied                     |
| FAA                        | 7480-1a _____                                 | during final design                     |
| DNR-OPMP                   | Consistency Determination _____               | <b>concurrent</b> with this application |
| DEC                        | Section 401 Water Quality Certification _____ | <b>concurrent</b> with this application |

**Part B Department of Natural Resources**

Is the proposed project on State-owned lands or will you need to cross State lands for access?

Yes  No

Do you plan to use any of the following State-owned resources?

Yes  No

Sand and gravel?  Yes  No If yes, amount? \_\_\_\_\_

Source? \_\_\_\_\_

Water?  Yes  No If yes, amount? \_\_\_\_\_

Source? \_\_\_\_\_

Other materials?  Yes\*  No If yes, amount? \_\_\_\_\_

If yes, what materials? \_\_\_\_\_

Do you plan to drill a geothermal well?  Yes  No

Will you be investigating or removing historic or archeological resources on state-owned lands?  Yes  No

IF YOU ANSWERED NO TO ALL THESE QUESTIONS, OR YOU DO NOT NEED APPROVAL FROM THE ALASKA DEPARTMENT OF NATURAL RESOURCES (DNR), GO TO PART C.

IF YOU ANSWERED YES TO ANY OF THESE QUESTIONS, CONTACT DNR TO IDENTIFY AND OBTAIN ANY NECESSARY APPLICATION FORMS.

If a permit or approval is not required, list the reason(s) and contact person(s) below:

- A. \_\_\_\_\_ (person contacted) told me on \_\_\_\_\_ (date) that no DNR approvals or permits were required for this project.
- B. DNR regulations have no requirement for a permit or approval.
- C. Other The project is located within DOT&PF right-of-way.

**Part C Department of Fish and Game – Habitat Division**

Will you be working in a stream or lake (including in running water or on ice, within the gravel floodplain, or islands, the face of the banks, or the stream tideflats down to mean low tide)?

Yes       No

Name of stream or lake Campbell Creek (floodplain only) and Tina Lake (floodplain and water body)

If **no**, go to **Part D**.

If **yes**, will you be doing any of the following:

- |                                                                                                                                                                                |                                         |                                        |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|----------------------------------------|
| 1. Building a dam or river training structure?                                                                                                                                 | <input type="checkbox"/> Yes            | <input checked="" type="checkbox"/> No |
| 2. Using the water?                                                                                                                                                            | <input type="checkbox"/> Yes            | <input checked="" type="checkbox"/> No |
| 3. Diverting the stream?                                                                                                                                                       | <input type="checkbox"/> Yes            | <input checked="" type="checkbox"/> No |
| 4. Blocking or damming the stream (temporarily or permanently)?                                                                                                                | <input type="checkbox"/> Yes            | <input checked="" type="checkbox"/> No |
| 5. Changing the flow of the water or changing the bed?                                                                                                                         | <input type="checkbox"/> Yes            | <input checked="" type="checkbox"/> No |
| 6. Pumping water out of stream or lake?                                                                                                                                        | <input type="checkbox"/> Yes            | <input checked="" type="checkbox"/> No |
| 7. Introducing silt, gravel, rock, petroleum products, debris, chemicals, or wastes of any type into the water?                                                                | <input type="checkbox"/> Yes            | <input checked="" type="checkbox"/> No |
| 8. Using the stream as a road (even when frozen), or crossing the stream with tracked or wheeled vehicles, log-dragging, or excavating equipment (backhoes, bulldozers, etc.)? | <input type="checkbox"/> Yes            | <input checked="" type="checkbox"/> No |
| 9. Altering or stabilizing the banks?                                                                                                                                          | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No            |
| 10. Mining or digging in the beds or banks?                                                                                                                                    | <input type="checkbox"/> Yes            | <input checked="" type="checkbox"/> No |
| 11. Using explosives?                                                                                                                                                          | <input type="checkbox"/> Yes            | <input checked="" type="checkbox"/> No |
| 12. Building a bridge (including an ice bridge)?                                                                                                                               | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No            |
| 13. Installing a culvert or other drainage structure?                                                                                                                          | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No            |

Is your project located in a State Refuge or Critical Habitat?  Yes  No

IF YOU ANSWERED NO TO ALL QUESTIONS, YOU DO NOT NEED A PERMIT FROM THE ALASKA DEPARTMENT OF FISH AND GAME (DFG). GO TO PART D.

IF YOU ANSWERED YES TO ANY OF THESE QUESTIONS, CONTACT THE REGIONAL HABITAT DIVISION OFFICE TO IDENTIFY AND OBTAIN ANY NECESSARY APPLICATION FORMS.

If you have already contacted DFG, are you submitting an application for permit(s)?

Yes       No

If NO, indicate reason below.

A. \_\_\_\_\_ (person contacted) told me on \_\_\_\_\_ (date) that no DFG approvals or permits were required for this project.

B. DFG regulations have no requirement for a permit or approval.

Yes       No

- C. Other A Title 41 permit is not required because there are no fish in Tina Lake and no work will be done below ordinary high water on Campbell Creek.
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**Part D Department of Environmental Conservation**

Will a discharge of wastewater from industrial or commercial operations occur?

Yes  No

Will your project generate air emissions from the following:

- 1. Diesel generators totaling more than 1000 hp?  Yes  No
- 2. Other fossil fuel-fired electric generator, furnace, or boiler totaling greater than 1000 hp?  Yes  No
- 3. Asphalt plant?  Yes  No
- 4. Incinerator burning more than 1000 pounds per hour?  Yes  No
- 5. Industrial process?  Yes  No

Will a drinking water supply be developed that serves more than a single-family residence?  Yes  No

Will the project result in dredging or disposal of fill in wetlands or waterways?

Yes  No

Is on-lot sewage or greywater disposal involved or necessary?

Yes  No

Will your project require offshore drilling or vessel transport of oil, or other petroleum products as cargo, or include onshore facilities with an effective storage capacity of greater than 10,000 barrels of such projects?

Yes  No

Will your project require the application of oil or pesticides to the surface of the land?

Yes  No

IF YOU ANSWERED NO TO ALL QUESTIONS, YOU DO NOT NEED A PERMIT OR OTHER APPROVAL FROM THE ALASKA DEPARTMENT OF ENVIRONMENTAL CONSERVATION (DEC).

IF YOU ANSWERED YES TO ANY OF THESE QUESTIONS, CONTACT THE DEC REGIONAL OFFICE TO IDENTIFY AND OBTAIN ANY NECESSARY APPLICATION FORMS.

If you have already contacted Alaska Department of Environmental Conservation, are you now submitting an application for permit(s)?

Yes  No

If NO, indicate reason below.

- A. \_\_\_\_\_ (person contacted) told me on \_\_\_\_\_ (date) that no DEC approvals or permits were required for this project.
- B. DEC regulations have no requirement for a permit or approval.
- C. Other \_\_\_\_\_

## **Part E Regulatory Branch Alaska District Corps of Engineers**

A Corps permit is required if you plan to locate a structure, excavate, or discharge, dredge or fill material in waters of the United States.

Is this work under a nationwide permit?

Yes       No

Is this work under a general permit?

Yes       No

Does this work come under one of the following activities:

- |                                                                                                                                        |                                         |                                        |
|----------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|----------------------------------------|
| 1. Dams, dikes, weirs?                                                                                                                 | <input type="checkbox"/> Yes            | <input checked="" type="checkbox"/> No |
| 2. Discharging sand, gravel, dirt?                                                                                                     | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No            |
| 3. Riprap?                                                                                                                             | <input type="checkbox"/> Yes            | <input checked="" type="checkbox"/> No |
| 4. Road Fills?                                                                                                                         | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No            |
| 5. Tunnels?                                                                                                                            | <input type="checkbox"/> Yes            | <input checked="" type="checkbox"/> No |
| 6. Pipes and cables?                                                                                                                   | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No            |
| 7. Other?    Culvert under the roadway in Tina Lake to maintain a connection<br><u>between the wetlands on both sides of the road.</u> |                                         |                                        |

IF YOU ANSWERED NO TO ALL OF THESE QUESTIONS, YOU DO NOT NEED A PERMIT OR OTHER APPROVAL FROM THE U.S. ARMY CORPS OF ENGINEERS.

IF YOU ANSWERED YES TO ANY OF THESE QUESTIONS, CONTACT THE U.S. ARMY CORPS OF ENGINEERS TO IDENTIFY AND OBTAIN ANY NECESSARY APPLICATION FORMS.

If you have already contacted the U.S. Army Corps of Engineers, are you now submitting an application for permit(s)?

Yes       No

If NO, indicate reason below.

- A. \_\_\_\_\_ (person contacted) told me on \_\_\_\_\_ (date) that no U.S. Army Corps of Engineers approvals or permits were required for this project.
- B. The Corps of Engineers regulations have no requirement for a permit or approval.
- C. Other \_\_\_\_\_

**Part F Community Planning Department – Municipality of Anchorage**

Have you checked with this department?  
(Municipal Code Title 21.45.210)

Yes

No

Name of person contacted at Community Planning

Thede Tobish

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To the best of my knowledge, the information in this application is accurate and complete.

\_\_\_\_\_  
Signed

\_\_\_\_\_  
Date

**Please attach other required permit applications or letters of non-objection.**

(e.g., from the Army Corps of Engineers, Dept. of Fish & Game, Dept. of Environmental Conservation, Dept. of Natural Resources, State Right of Way, MOA Right of Way, MOA Community Planning).