

**STATE OF ALASKA DEPARTMENT OF NATURAL RESOURCES
DIVISION OF MINING, LAND AND WATER**

LAND USE PERMIT APPLICATION

AS 38.05.850

Applicants must complete all sections of this application. In addition, applicants proposing:

- the use of the uplands and non marine waters must also complete the Supplemental Questionnaire for Use of Uplands and Non Marine Waters accompanying this application;
- off-road travel must also complete the Supplemental Questionnaire for Off-Road Travel accompanying this application; and/or
- the use of tide and submerged lands must also complete the Supplemental Questionnaire for Use of Marine Waters accompanying this application.

Other items that must accompany the completed application are:

- a **(non-refundable) \$100 application filing fee;**
- a 1:250,000 or 1:63,360 scale USGS map showing the location of the proposed activity;
- additional items identified and required in any supplemental questionnaire(s) to this application; and
- additional pages if more space is necessary to answer the questions completely.

Completed Land Use Permit Applications should be mailed to one of the following offices:

Public Information Center
550 W. 7th Ave, Suite 1260
Anchorage, AK 99501
(907) 269-8400

Public Information Center
3700 Airport Way
Fairbanks, AK 99709
(907) 451-2705

MLW Information Office
P.O. Box 111020
Juneau, AK 99811-1020
(907) 465-3400

LAS # 31108

| | | | |
|---|------------------|-------------------------|------------------|
| Applicant Information: | | | |
| Donlin Gold LLC | | N/A | |
| Applicant Name | | | Date of Birth |
| Donlin Gold LLC | Patty McGrath | | |
| Doing Business As | Contact Person | EIN | |
| 4720 Business Park Blvd., Suite G-25, Anchorage, Alaska 99503 | | pmcgrath@donlingold.com | |
| Mailing Address with City, State and Zip | | | Email Address |
| () | (907) 273-0200 | () | (907) 273-0201 |
| Home Phone | Work Phone | Cell Phone | FAX |
| If you are applying for a corporation, give the following information: | | | |
| Name, address and place of incorporation: <u>Same as above. Incorporated in Delaware.</u> | | | |
| Is the corporation qualified to do business in Alaska? Yes [X] No []. If yes, provide name, address and phone number of resident agent: <u>Same as above</u> | | | |
| Type of User, Select one: [] Private non-commercial (personal use) [] Commercial Recreation or Tourism | | | |
| [] Public Non-profit including Federal, State, Municipal Government Agency [X] Other commercial or industrial | | | |

| |
|--|
| Duration of Project: The proposed activity will require the use of state land for: (Check one) |
| [] a single term of less than one year. Beginning month: _____ Ending month: _____ |
| [X] a multi year term for up to 5 years. Beginning year: <u>2018</u> Ending year: <u>2023</u> |
| If multi year and seasonal, circle months of use in each year: <u>Jan., Feb., Mar., Apr., May, Jun., Jul., Aug., Sept., Oct., Nov., Dec.</u> |

Project Location

Latitude/Longitude or UTM: UTM: 6852950 N, 538300 E or _____

Section: 24, Township: 20N, Range: 50W, Meridian: SM
(The spaces below are to be used if the boundaries of the proposed project cross section lines.)

Section: _____, Township: _____, Range: _____, Meridian: _____

Section: _____, Township: _____, Range: _____, Meridian: _____

Proposed project will require the use of up to Approx. 5.2 acres. (Add additional sheets as necessary)

Project Description - Describe in detail your intended use of state land. (State land also includes all tide and submerged lands beneath coastal waters and all shorelands beneath other navigable water bodies of the state.) Discuss development and activities. (Attach additional pages as necessary.)

Donlin Gold is proposing to construct, use, maintain and reclaim a temporary gravel access road that would provide vehicle and construction equipment access from the proposed Donlin-Jungjuk Road, to the proposed material site (MS 16). This temporary access road would originate at approx. road station 41+00 (mile 25.5) of the proposed Donlin-Jungjuk road, and traverse north to MS16. The road construction corridor would be approx. 1,500 ft (450 m) long and 150 ft (46 m) wide. The following road dimensions and construction parameters are approximated: 20 ft. (6 m) wide by 1500 ft (450 m) long; toe to toe dimensions would range from 33 ft (10 m) to 49 ft (15 m) depending on fill; road fill would range from 3 ft (1m) to 7 ft (2m); two 24 inch (0.6 m) diameter culverts would be installed to maintain surface drainage from west to east. Please refer to Donlin Gold Material Sites (MS) Plan of Development Section 3.16.

Should a portion of the permitted area be closed to the general public? **Yes** **No** . **If yes, explain which portion and provide justification for exclusive use:**

The temporary access road area should be closed to the general public as heavy equipment would be operating along this road to and from the material site to construction locations.

Site Description - Briefly describe the current condition of the proposed site of use, noting any trash, garbage, debris or signs of possible site contamination (If significant, we recommend you provide pictures to establish initial conditions):

The site is unimproved, naturally vegetated: open tundra and shrub. The site is clean of debris, and contamination is not suspected. See attached Figure TA-301C.

Are there improvements or materials on the site now? **Yes** **No** **If yes, briefly describe the improvements, their approximate value, and who owns them (We recommend you provide pictures of improvements):**

Site Description continued - Describe the natural vegetation --- ground cover, trees, shrubs --- and any proposed changes. Describe the location of any estuarine, riparian, or wetlands and any noticeable animal use of area.

Site Access - Describe how you plan to access the site, and your mode of transportation.

Access would be via the proposed Donlin-Jungjuk Road or material site MS16, as this proposed temporary road would connect both. The temporary road would be accessed by vehicles and construction type equipment.

If your access is by aircraft, specify the type and size of aircraft: N/A

To access the site, the aircraft is equipped with floats wheels skis .

Number of people

1. Indicate the number of employees and supervisors who will be working on the site. Construction crew only. Total personnel may vary.
2. Indicate the number of customers who will be using the site per year or season. 0
3. Indicate the number of days the site will be used per year or season. The temporary access road would be used until MS closed.

Environmental Risk / Hazardous Substances - In the course of your proposed activity will you generate, use, store, transport, dispose of, or otherwise come in contact with toxic and/or hazardous materials, and/or hydrocarbons? **Yes[x] No[]**. If yes, please describe:

There is no plan to store fuel and other hazardous substances at this proposed temporary access road. Construction equipment would include fuel and limited amounts of lubricants, and other typical vehicle fluids. Transit of vehicles with blasting materials, bulk fuel (Diesel and gasoline) and lubricants as cargo is expected. See Donlin Gold Material Sites PoD Section 3.21 and 3.23.

The types and volumes of fuel or other hazardous substances present or proposed: _____
See above discussion. Information on volumes is not available.

The specific storage location(s): _____

Fuel storage location at MS 16 is shown in MS 16 layout figure. The location of the fuel storage is outside the temporary access road corridor and should not subject to this LUP request. Refer to the Material Sites PoD Section 3.16.4.

The spill plan and prevention methods: _____

Oil Discharge Prevention Contingency Plans (ODPCP) and/or Spill Prevention Control and Countermeasure (SPCC) plans as required by Federal and State regulations would be in place prior to the start of construction operations. Personnel would be trained in spill prevention and response.

Environmental Risk/Hazardous Substances (continued) - If you plan to use either above or below ground storage containers (like tanks, drums, or other containers) for hazardous material storage, answer the following questions for each container:

Where will the container be located? _____

What will be stored in the container? _____

What will be the container's size in gallons? _____

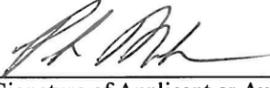
Give a description of any secondary containment structure, including volume in gallons, the type of lining material, and configuration:
NA

Will the container be tested for leaks? Yes [] No []

Will the container be equipped with leak detection devices? Yes [] No []. If no, describe: _____

Do you have any reason to suspect, or do you know if the site may have been previously contaminated? Yes [] No [X]. If yes, please explain:

Date Stamp: 5/19/2016

 Permitting Manager
Signature of Applicant or Authorized Representative Title

AS 38.05.035(a) authorizes the director to decide what information is needed to process an application for the sale or use of state land and resources. This information is made part of the state public record and becomes public information under AS 09.25.110 and 09.25.120 (unless the information qualifies for confidentiality under AS 38.05.035(a)(9) and confidentiality is requested.) Public information is open to inspection by you or any member of the public. A person who is the subject of the information may challenge its accuracy or completeness under AS 44.99.310, by giving a written description of the challenged information, the changes needed to correct it, and a name and address where the person can be reached. False statements made in an application for a benefit is punishable under AS 11.56.210.

**Land Use Permit Application Supplemental Questionnaire for:
Off Road Travel**

Answer the following questions if your proposed activity includes off-road travel.

Terrain Factor. Circle the following terrain type(s) that best describes your route of travel:

- Wetlands
- Open, non-tundra or wetland areas.
- [Rivers or other water bodies].
- Wooded areas with trees of 6" or greater diameter (at breast height).
- Tundra areas.

Vehicles and Weight. List the number and kinds of vehicles to be used for motorized travel, the weight of each vehicle and the weight of each trailer or sled (including loaded weight) to be carried by that vehicle:

Equipment that may include but is not limited to those identified in the Donlin-Jungjuk Road and Airstrip Spur Road Plan of Development (PoD)

Section 3.4 Mobile Equipment and Material Sites Plan of Development (PoD) Section 3.20 Equipment would be used during construction of the temporary material site access road or to traverse the access road during construction of the Donlin-Jungjuk Road.

Mileage.

- State the average total miles traveled in one round trip: Approx. 0.57 miles (917 m)
- State the number of trips proposed: Multiple trips necessary to provide material for construction purposes.

Season Factor. Proposed date(s) of travel will be: **From:** January **To:** December

Stream and Water Body Crossings. - Note who you contacted in the ADF&G, Division of Habitat:

Date: NA Person: NA

Fuel and Hazardous Substance Factor. The volume of fuel and hazardous substances to be used is the total volume (in gallons) to be carried on one vehicle and any trailers or sleds that vehicle is towing. TBD during final project design

- Maximum volume of fuel (in gallons) that is being transported by one vehicle and any trailers or sleds it is towing: TBD gallons.

- Hazardous substances other than fuel: Please refer to Material Sites PoD Section 3.23

Substance Blasting materials, i.e., blasting caps, ANFO, Det. Cord., etc.

Substance Lubricants, etc. for servicing equipment.

- Do you have an Oil Discharge Prevention and Contingency Plan approved by the Alaska Department of Environmental Conservation? **Yes** **No** ODP/PCP or/and SPCC as applicable will be in place prior to start of construction operations are required by Federal and State of Alaska regulations.

- Do you have either a trained spill response team or a contract with a spill response company? **Yes** **No** Chadux Corp.

Personnel would be trained to respond to spills and spill response material/equipment would be available on site.

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- Do you have either a trained spill response team or a contract with a spill response company? Yes [X] No [] Chadux Corp.

Personnel would be trained to respond to spills and spill response material/equipment would be available on site.

**Land Use Permit Application Supplemental Questionnaire for:
Use of Uplands and Non Marine Waters**

To be completed to provide more detailed information about projects or activities requiring the use of state owned uplands and non marine waters. All site development details identified in this section must be represented graphically in the scaled drawings on Page 4 of the supplement.

Temporary Structures – 1) Describe all temporary improvements (including buildings, tent platforms, out-buildings, docks, floats, and floating facilities), including their dimensions and building materials. 2) Label improvements to be maintained on a year round basis as year round. **Note:** Seasonal improvements must be completely dismantled and removed or stored on or before the end of authorized terms of use.
See Project Description.

Distance structures including pit privies will be located from the ordinary highwater mark of the nearest freshwater body (lake, stream, river, etc), or the mean high water mark of a saltwater body: N/A

Harvest of Non-Timber Related Forest Products – Please list the type and quantity of each non-timber related forest product (berries, ferns, willow, mushrooms, birch bark, etc.) to be harvested for commercial use:

N/A

Contact the DNR Division of Forestry to obtain authorizations for the harvest of small trees.

Motorized Equipment - List mechanized/motorized equipment to be used, including type, size, purpose, and number of each.

Number and type of construction equipment may vary. Refer to Donlin Gold Donlin-Jungjuk Road and Airstrip Spur Road PoD Section 3.4 and Material Sites PoD Section 3.20 for typical equipment to be used during construction.

Storage and Parking - If you plan to store items or park boats, vehicles and/or heavy equipment on the site, describe complete the following:

Describe and give dimensions of long term and short term parking and or storage areas. N/A

Is parking or storage planned to take place on filled tidelands. **Yes** [] **No** [X]

Does storage involve structures or materials floating in a waterbody? **Yes** [] **No** [X] If yes, _____
describe. _____

Storage and Parking (continued)

Number of disassembled tent frames N/A

Number of tent platforms N/A

List and describe items that are large and difficult to transport. Include dimensions: _____

Will barrel(s) or an equivalent type of storage container be used? **Yes** **No** If using something other than barrels for storage containers, describe the alternative container.

Describe any measures you plan to take to minimize drips or spills from leaking vehicles or equipment. _____

Preventative maintenance on equipment would be done to minimize leaks from vehicles or equipment.

Spill kits and drip pans would be readily available for use when necessary. Personnel would be trained in spill response.

Water / Wastewater

Water Supply – Describe the water supply and proposed use. _____

Water would be used for dust control and would be taken from off-site authorized locations/sources.

Wastewater – Describe the wastewater type and quantity and proposed method of wastewater disposal: (for the marine environment, also describe the proposed gray and black water systems or out fall pipeline.

N/A

Waste – Describe the types of waste that will be generated on-site, including solid waste, the source of the waste, and the method of waste disposal, i.e. pit privy, or self-contained system, or outfall line; indicate distance from the nearest waterbody.

N/A

Animal Use

Will there be any use of animals (horses, llamas, dogs, etc.)? **Yes** | **No**[X]

Will there be commercial use of the animals (horseback rides, packing, dog sled rides, etc.)? **Yes** | **No**[X] If yes, please

explain:

Dismantle, Removal, Restoration Plan – Provide a plan for dismantling and removing temporary structures. Include method and timeline for total site restoration:

Please refer to Donlin Gold Material Sites PoD, Section 3.16. When the material site is no longer required for construction or maintenance purposes the temporary material site access road would be reclaimed as discussed in Section 3.16.3, Reclamation and in Section 6.0 Clean-up, Reclamation and Closure.

SHORT TERM (PORTABLE) COMMERCIAL RECREATION CAMPS: Identify commercial recreation activity/activities for which short term (portable) camps **will be** established to accommodate employees and clients, and provide a general description of the location(s) (e.g. guide use area, game management sub-unit, river, stream, lake, etc.) where the recreational activity/activities and short term (portable) camp use will occur.

___ **Big Game Guiding: (List up to 3 Guide Use Areas.)** _____

___ **Sportfishing (List river corridors, lakes, etc.)** _____

___ **Boating/Rafting/Kayaking: (List river corridors, lakes, etc.)** _____

___ **Other Recreation: (Type and general geographic description.)** _____

- Identify any State of Alaska Refuge, Sanctuary and/or Critical Habitat Area where short term (portable) camps will be used.

Will activities include “day use” of state land managed under the Haines State Forest Management Plan? **Yes** ___ **No** ___

Site Development Diagram

| | | | | | | | | | | | |
|---|--|----------------|-------------------|---|--|---------------------------------|--|---|--|----------|--|
| | | | | | | | | | | | |
| | VICINITY MAP | | | | | | | | | | |
| See Attached | | | | | | | | | | | |
| | <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;">Date Prepared:</td> <td>Applicant's Name:</td> </tr> <tr> <td colspan="2" style="text-align: center;"> ALASKA DEPARTMENT OF NATURAL RESOURCES DIV. OF MINING, LAND, WATER LAND USE PERMIT </td> </tr> <tr> <td colspan="2" style="text-align: center;"> SITE DEVELOPMENT DIAGRAM </td> </tr> <tr> <td colspan="2">Sec.(s) _____ T. _____ S., R. _____ E., _____ M</td> </tr> <tr> <td>SHEET OF</td> <td></td> </tr> </table> | Date Prepared: | Applicant's Name: | ALASKA DEPARTMENT OF NATURAL RESOURCES DIV. OF MINING, LAND, WATER LAND USE PERMIT | | SITE DEVELOPMENT DIAGRAM | | Sec.(s) _____ T. _____ S., R. _____ E., _____ M | | SHEET OF | |
| Date Prepared: | Applicant's Name: | | | | | | | | | | |
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| SHEET OF | | | | | | | | | | | |
| LAS # | | | | | | | | | | | |



- ⊙ Road Milepost
- 🚶 Bridge
- 10' Contour
- Cross Section
- P- Powerline
- 🚧 Proposed Jungjuk Road
- 🚧 Project Disturbance Limit
- 100' Contour
- Unnamed River/Stream
- Named River/Stream
- ⚠️ Culvert
- ➡️ Stream Flow Direction
- ⊙ Figure Detail Reference

| Associated Engineering Drawings | |
|--|--|
| ACAD-Donlin Jungjuk Alignment and toes.dwg (Recon); 01 Site Plan (PND) | |
| Donlin_Jungjuk_MaterialSites_Rev3_150202 (Recon) | |

| | |
|--|-----------------|
| DONLIN GOLD PROJECT APPLICANT: Donlin Gold, LLC 4720 Business Park Blvd., Suite G-25 Anchorage, Alaska 99503 | |
| NAD 1983 UTM Zone 4N | |
| SCALE: 1 inch = 1,000 feet | DATE: 10/2/2015 |

| | |
|---|------------------------------|
| DRAWING TITLE: PLAN VIEW ACCESS ROAD ENGINEERING MAP | |
| FIGURE NO. TA-301C | FILE NO. POA-1995-120 |

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Small text at the bottom right corner, likely a source or copyright notice.