AUTHORIZATION TO DISCHARGE UNDER THE ALASKA POLLUTANT DISCHARGE ELIMINATION SYSTEM FOR MEDIUM-SIZE SUCTION DREDGE PLACER MINERS

GENERAL PERMIT NUMBER AKG371000

Authorization Number: [#]

ALASKA DEPARTMENT OF ENVIRONMENTAL CONSERVATION
Wastewater Discharge Authorization Program
555 Cordova Street
Anchorage, AK 99501

In compliance with the provisions of the Clean Water Act (CWA), 33 U.S.C. §1251 et seq., as amended by the Water Quality Act of 1987, P.L. 100-4, this permit is issued under provisions of Alaska Statutes (AS) 46.03; the Alaska Administrative Code (AAC) as amended; and other applicable State laws and regulations.

Owners and operators of facilities engaged in the processing of placer gold by suction dredging, as defined in Part 1.0 of this Alaska Pollutant Discharge Elimination System (APDES) permit, are authorized to discharge to waters of the United States, only in accordance with effluent limitations, monitoring requirements, and other conditions set forth herein.

A COPY OF THIS GENERAL PERMIT MUST BE KEPT AT THE SITE WHERE DISCHARGES OCCUR.

[PERMITTEE NAME]

[RECEIVING WATER]

The original permit is effective **[Pending]**.

This permit and the authorization to discharge shall expire at midnight on **[Pending]**.

The permittee shall reapply for a permit reissuance on or before **[Pending],** 90 days before the expiration of this permit if the permittee intends to continue operations and discharge(s) at the facility beyond the term of this permit.

DRAFT	DRAFT
Signature	Date
Wade Strickland	Program Manager
Printed Name	Title

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SCHEDULE OF SUBMISSIONS

Table 1 summarizes some of the required submissions and activities the permittee must complete and/or submit to the Alaska Department of Environmental Conservation (hereinafter referred to as DEC or the Department) during the term of this permit. The permittee is responsible for all submissions and activities even if they are not summarized below.

Table 1: Schedule of Submissions

Permit Part	Submittal or Completion	Frequency	Due Date	Submit To
1.5	Notice of Intent (NOI) for a new, recommencing, or expanding operation	1/ permit cycle or as necessary for expanding operations	60 days prior to discharge	DEC Permitting Program[a]
1.5	NOI for a currently authorized operation for coverage under a reissued general permit	1/permit cycle	90 days before expiration of this general permit	
4.1	Daily Records	Daily	Retained on site	DEC upon request
4.2	Annual Report	1/year	January 31 of the next year	DEC Compliance Program[b]
4.3	Spill Report	As necessary	Upon discovery	DEC spill response team[c]
Appendix A, 3.4	Oral notification of noncompliance	As necessary	Within 24 hours from the time the permittee becomes aware of the circumstances of noncompliance	DEC reporting hotline[d]
	Written documentation of noncompliance	As necessary	Within five days after the permittee becomes aware of the circumstances	DEC Compliance Program[b]

Notes:

a. Permitting address: Department of Environmental Conservation, Division of Water, Wastewater Discharge Authorization Program, 610 University Avenue, Fairbanks, Alaska 99709 (an Annual Placer Mining Application submitted to the Alaska Department of Natural Resources will be accepted as an NOI if all the required information is provided).
b. Compliance address: Department of Environmental Conservation, Division of Water, Compliance Program, 555 Cordova Street, Anchorage, Alaska 99501.
c. Spill reporting hotline: 1-907-451-2121 (within normal business hours) or 1-800-478-9300 (outside normal business hours).
d. Non-compliance reporting hotline for oral notifications: 1-907-269-4114 (from Alaska) or 1-877-569-4114 (toll free nationwide).

1.0 PERMIT COVERAGE

1.1 Coverage and Eligibility

1.1.1 **This permit provides statewide coverage** for discharges to fresh and marine waters of the U.S. within Alaska. The coverage area is subject to restrictions under Part 1.3.

1.1.2 **Facilities with coverage under the 2011 Medium-Size Suction Dredge Placer Miners General Permit** are eligible for coverage under this general permit. See Part 1.5 for Notice of Intent (NOI) requirements.

1.1.3 **New or recommencing facilities** that meet the criteria for coverage under this permit will be granted coverage upon completion of NOI requirements outlined in Part 1.5.

1.1.4 **Facilities that plan to expand (as defined in Appendix C) or move** to a location that was not included in the original NOI must notify the Department. At the Department's request, an amended NOI detailing the changes may be required.

1.2 Authorized Placer Mining Operations

1.2.1 This permit authorizes discharges of process wastewater from suction dredges that process gold placer ores and have intake diameters greater than six inches and less than or equal to ten inches. If a constrictor ring is used, intake diameter may be determined based on the size of the constrictor ring, provided that the ring is of solid, one-piece construction with no openings other than the intake and openings not greater than one inch between the constricting ring and nozzle, and that the ring is welded or otherwise permanently attached over the end of the intake nozzle.

1.2.2 Discharges of process wastewater from suction dredges that process gold placer ores and have intake diameters less than or equal to six inches and are otherwise denied coverage under another APDES general permit may be considered for coverage under this permit on a case-by-case basis, provided the authorization would not result in conditions less restrictive than those of another available general permit.

1.2.3 Authorization to discharge requires written notification from the Department that coverage has been granted.

1.2.4 A copy of this general permit must be kept at the site where discharges occur.

1.3 Limitations on Coverage

1.3.1 The following discharges are not authorized under this permit:

1.3.1.1 Discharges to locations not described within the NOI;

1.3.1.2 Discharges within coral beds, eelgrass beds, seagrass beds, kelp beds, vegetated shallows, or shellfish beds;

1.3.1.3 Discharges within 1.0 nautical mile of a Steller sea lion rookery or haulout area;

1.3.1.4 Discharges into Tier 3 waters, waters designated as wild under the Wild and Scenic Rivers Act, or Endangered Species Act (ESA) critical habitat for the spectacled eider or Steller's eider (see Appendix D, ESA Habitat Areas);

1.3.1.5 Discharges from facilities located on sea ice and operating in water depths greater than 30 feet, with water depth measured from the sea floor to the upper ice surface;

1.3.1.6 Discharges occurring from October 1 to April 30 within 1.0 nautical mile of locations that are used by 125 or more Steller's eiders as wintering areas (see Appendix D, Table D2);

1.3.1.7 Discharges that contain chemicals used for the enhancement of mineral recovery; or

1.3.1.8 Discharges that contain domestic wastewater.

1.3.2 Discharges from facilities located in National Park System Units (i.e., Parks and Preserves), National Monuments, National Sanctuaries, National Wildlife Refuges, National Conservation Areas, National Wilderness Areas, or ESA critical habitat for the northern sea otter are not authorized unless the Department receives written approval or a statement of non-objection from the lead federal agency with jurisdiction over the area. Based on input from the lead agency, the department may place seasonal or geographic restrictions on the authorization.

1.4 Operations Requiring an Individual Permit

As detailed in 18 AAC 83.215, the Department may terminate or revoke a permittee's coverage under this permit and require the permittee to obtain an APDES individual permit. If an individual permit is required, the Department will provide written notification and include a deadline for submission of an individual permit application. If the permittee fails to submit an application by the date in the notification, then coverage under this general permit is automatically terminated at the submittal deadline.

1.5 Notification Requirements

1.5.1 Permittees eligible for coverage under an administratively extended 2011 permit are automatically covered under this permit.

1.5.2 Applicants that are not covered under Part 1.5.1 must submit NOIs 60 days prior to discharge, unless the Department allows for a shorter notice. Information required for a complete NOI is in Appendix E.

1.5.3 The NOI shall be signed by the owner, operator, or other signatory authority as described in Appendix A, Part 1.12.

1.5.4 An Application for Permits to Mine in Alaska (APMA) submitted to the Alaska Department of Natural Resources (DNR) will be accepted as an NOI if all the required information is provided. An applicant who does not use the APMA process must submit a complete NOI to DEC at the address in Appendix A, Part 1.1.1.

1.5.5 To ensure dredging does not adversely affect fish spawning, permittees must consult the Alaska Department of Fish and Game (ADF&G) to obtain any necessary Fish Habitat Permits and information to satisfy the separation requirements of Part 3.3. An APMA submitted to DNR will satisfy the ADF&G consultation requirement. Permittees, who do not apply through the APMA process must maintain records of the consultation date, name and title of the official contacted, and relevant information that was obtained.

1.5.6 Permittees wishing to continue coverage after the expiration date of this permit must submit new NOIs at least 90 days prior to the permit expiration, as described in Appendix A, Part 1.3,

in order for the conditions of the expired permit to continue in force until the effective date of a new permit.

2.0 LIMITATIONS AND MONITORING REQUIREMENTS

2.1 Effluent Limitations

2.1.1 Permittees are authorized a 500 foot mixing zone where a turbidity plume may exceed Alaska Water Quality Standards. Fresh water mixing zones in flowing waters extend 500 feet downstream from the outfall. Marine mixing zones and fresh water mixing zones in non-flowing waters are measured as a 500 foot radius centered on the outfall.

2.1.2 The discharge may not create a visual increase in turbidity (cloudiness or muddiness) outside the mixing zone during operation.

2.1.3 If the discharge contributes to noticeable turbidity outside the mixing zone, then operation must decrease or cease until the turbidity plume from the discharge is confined to the mixing zone.

2.1.4 The discharge may not result in floating oils on the surface of the waterbody or cause a film or sheen from petroleum hydrocarbons, or oils and grease, on the surface or floor of the waterbody or adjoining shorelines.

2.1.5 If floating oil or a film or sheen is observed, operation must cease until the source of the problem can be identified and corrective action can be taken. Spills must be managed as described under Part 3.1.6.

2.2 Monitoring Requirements

2.2.1 Permittees must visually monitor for turbidity and for any film or sheen a minimum of once daily during operation.

2.2.2 The visual turbidity observation must be conducted during normal discharge after the plume has reached its full extent.

2.2.3 Individuals who conduct the visual turbidity monitoring must observe the turbidity plume radially from the dredge and record the distance and direction the plume extends from the outfall.

2.2.4 All visual monitoring results shall be recorded daily in accordance with Parts 4.1 and 4.4.

3.0 Special Conditions

3.1 Best Management Practices (BMP) Plan

3.1.1 Dredging in fresh waters is permitted only within the active stream channel. Dredging within the active stream channel that results in undercutting, littoral channeling, or that otherwise results in erosion of a stream bank is prohibited. This provision does not apply to facilities operating within disconnected ponds or meander cutoffs if the permittee has received an ADF&G determination that the location is non-fish-bearing.

3.1.2 Motorized winches or other motorized equipment shall not be used in fresh water to move boulders, logs, or other natural obstructions within the active stream channel, unless the obstructions present a safety hazard. Boulders, logs, or other natural obstructions may not be removed from the active stream channel and shall be kept as close to their original location as possible. Material that is moved by the operator must not be placed in a manner that significantly alters the stream flow.

3.1.3 Dredging of concentrated silt and clay should be avoided. The permittee shall use reasonable care to avoid dredging silt and clay materials that would result in a significant increase in turbidity. Reasonable care includes moving the dredge to a new location or reducing the volume of effluent discharge by limiting operation speed of the suction dredge.

3.1.4 Mercury from historical dredge operations or other pollutants may be encountered during dredge operations. The permittee must take measures to ensure mercury or other pollutants, such as lead, that are removed from the wastewater streams are retained in storage areas and not released to the waters of the U.S. Information on how to safely handle, store, and dispose of mercury or other pollutants can be obtained by contacting DEC at the address in Appendix A, Part 1.1.1.

3.1.5 Dredging equipment must not house invasive species. Equipment must be inspected and cleaned prior to its placement in waters of the U.S. and when transferring from one waterbody to another.

3.1.6 Petroleum products must be properly managed during storage, refueling, and operation to prevent spillage into surface waters or groundwater. Equipment must be free of excess oils and grease and must not release petroleum products. Any spills must be cleaned up using materials, such as sorbent pads and booms, and reported, per Part 4.3.

3.2 Seasonal Restrictions

3.2.1 Permittees must adhere to any seasonal restrictions within ADF&G Fish Habitat Permits obtained under Part 1.5. A copy of the Fish Habitat Permit, or record indicating that a Fish Habitat Permit is not required, must be retained on site.

3.2.2 Permittees operating in marine waters must adhere to any additional seasonal restrictions implemented by DNR. A copy of the DNR mine plan approval must be kept on site.

3.3 Separation Requirements

3.3.1 Dredges must be operated to ensure that there is no overlap of turbidity plumes from equipment used in the same waters and that there is a zone of passage for fish around the turbidity plume at all times. Suction dredges discharging into freshwater shall not operate within 800 feet of another dredging operation occurring simultaneously.

3.3.2 Discharges are prohibited within 500 feet of locations where anadromous fish are spawning or where anadromous fish eggs, anadromous fish alevins, or resident fish spawning redds are known to exist at the time dredging occurs.

3.3.3 Discharges in fresh waters are prohibited within 500 feet up current from the intake of a drinking water source or where the turbidity plume otherwise impacts such an intake. Drinking water source information tools to identify downstream intake locations are available from the DEC Drinking Water Protection Program at (907) 269-7549 or toll free at (866) 956-7656.

3.3.4 Facilities authorized to operate in critical habitat for northern sea otter (see Appendix D, ESA Habitat Areas) must maintain a distance of 800 feet from any northern sea otter during operation. If an otter moves within 800 feet of the facility, the operator must cease operations and move away from the animal or standby until it has moved beyond 800 feet on its own.

3.3.5 Facilities operating in marine waters must avoid red king crab mating pairs and clusters. If red king crab mating pairs or clusters are observed, dredging operations must move to an alternate location where no crabs are observed or cease operation until the crabs move away on their own.

3.4 Reclassified Waters

3.4.1 Facilities on fresh waters reclassified as industrial use only per 18 AAC 70.230(e) may be granted a modification of the effluent limitations under Parts 2.1.1 – 2.1.3 and an exemption from prohibitions under Parts 3.1.1 – 3.1.3, provided

3.4.1.1 The applicant, upon requesting the modification, submits a new or amended NOI with a detailed mine plan including a list of established industrial users downstream;

3.4.1.2 ADF&G and the land manager are provided an opportunity to review and comment on the modification; and

3.4.1.3 The permittee receives written approval from DEC supplementing the authorization.

3.4.2 Upon approval under Part 3.4.1.3, following effluent limitations apply:

3.4.2.1 The discharge may not create a visual increase in turbidity within 300 feet upstream of the intake of any established industrial user that is actively withdrawing water;

3.4.2.2 The discharge may not create a visual increase in turbidity that extends into any downstream waterbody not classified as industrial use only under 18 AAC 70.230(e).

4.0 RECORDING AND REPORTING REQUIREMENTS

4.1 Daily Records

The permittee must maintain daily records that include results of the following:

4.1.1 Results of visual monitoring, as required under Part 2.2;

4.1.2 Coordinates (i.e., latitude and longitude), water depth, and substrate type (i.e., clay, silt, sand, gravel, cobbles) for each discharge location where monitoring occurs; and

4.1.3 Any effluent limitation exceedances and actions taken to return to compliance.

4.2 Annual Report Requirements

An Annual Report must be submitted to the DEC Compliance Program at the address in Appendix A, Part 1.1.2 and received or postmarked no later than January 31 of each calendar year. The Annual Report must include the following:

4.2.1 Permittee name and current address;

4.2.2 APDES authorization number;

4.2.3 Receiving water name;

4.2.4 The period of operation or a statement that no mining occurred;

4.2.5 Monthly summaries of any monitoring results;

4.2.6 Any effluent limitation exceedances and actions taken to return to compliance;

4.2.7 Any spills reported and actions taken to clean up the spill (Part 4.3); and

4.2.8 A signed certification statement (Appendix A, Parts 1.12.3 and 1.12.5).

4.3 Spill Reporting

All spills containing fuel, oil, or other hazardous substances must be reported upon discovery to the DEC spill response team at 1-907-451-2121 within normal business hours or 1-800-478-9300 outside normal business hours.

4.4 Standard Conditions

The permittee must adhere to all standard recording and reporting requirements contained in Appendix A, Standard Conditions, including the following:

4.4.1 Retention of Records, Part 1.11.2;

4.4.2 Records Contents, Part 1.11.3;

4.4.3 Signature Requirement and Penalties, Part 1.12;

4.4.4 Special Reporting Obligations, Part 2.0; and

4.4.5 Monitoring, Recording, and Reporting Requirements, Part 3.0.

APPENDIX A

STANDARD CONDITIONS

APDES PERMIT

NONDOMESTIC DISCHARGES

September 2011

Appendix A of the permit contains standard regulatory language that must be included in all APDES permits. These requirements are based on the regulations and cannot be challenged in the context of an APDES permit action. The standard regulatory language covers requirements such as monitoring, recording, reporting requirements, compliance responsibilities, and other general requirements. Appendix A, Standard Conditions is an integral and enforceable part of the permit. Failure to comply with a Standard Condition in this Appendix constitutes a violation of the permit and is subject to enforcement.

1.0 Standard Conditions Applicable to All Permits

1.1 Contact Information and Addresses

1.1.1 Permitting Program

Permit related documents and plans required under the permit and Appendix A are to be sent to the following address:

State of Alaska
Department of Environmental Conservation
Division of Water
Wastewater Discharge Authorization Program
610 University Avenue
Fairbanks, Alaska 99709-3643
Telephone (907) 451-2142
Fax (907) 451-2187
Email: dec.water.wqpermit@alaska.gov
Website: dec.alaska.gov/water/wwdp

1.1.2 Compliance and Enforcement Program

Compliance related documents, including Annual Reports, required under the permit and Appendix A are to be sent to the following address:

State of Alaska
Department of Environmental Conservation
Division of Water
Compliance and Enforcement Program
555 Cordova Street
Anchorage, Alaska 99501
Telephone Nationwide (877) 569-4114
Anchorage Area / International (907) 269-4114
Fax (907) 269-4604
Email: dec-wqreporting@alaska.gov

1.2 Duty to Comply

A permittee shall comply with all conditions of the permittee's APDES permit. Any permit noncompliance constitutes a violation of 33 U.S.C 1251-1387 (Clean Water Act) and state law and is grounds for enforcement action including termination, revocation and reissuance, or modification of a permit, or denial of a permit renewal application. A permittee shall comply with effluent standards or prohibitions established under 33 U.S.C. 1317(a) for toxic pollutants within the time provided in the regulations that establish those effluent standards or prohibitions even if the permit has not yet been modified to incorporate the requirement.

1.3 Duty to Reapply

If a permittee wishes to continue an activity regulated by this permit after its expiration date, the permittee must apply for and obtain a new permit. In accordance with 18 AAC 83.105(b), a permittee with a currently effective permit shall reapply by submitting a new application at least 180 days before the existing permit expires, unless the Department has granted the permittee permission to submit an application on a later date. However, the Department will not grant permission for an application to be submitted after the expiration date of the existing permit.

1.4 Need to Halt or Reduce Activity Not a Defense

In an enforcement action, a permittee may not assert as a defense that compliance with the conditions of the permit would have made it necessary for the permittee to halt or reduce the permitted activity.

1.5 Duty to Mitigate

A permittee shall take all reasonable steps to minimize or prevent any discharge in violation of this permit that has a reasonable likelihood of adversely affecting human health or the environment.

1.6 Proper Operation and Maintenance

1.6.1 A permittee shall at all times properly operate and maintain all facilities and systems of treatment and control and related appurtenances that the permittee installs or uses to achieve compliance with the conditions of the permit. The permittee's duty to operate and maintain properly includes using adequate laboratory controls and appropriate quality assurance procedures. However, a permittee is not required to operate back-up or auxiliary facilities or similar systems that a permittee installs unless operation of those facilities is necessary to achieve compliance with the conditions of the permit.

1.6.2 Operation and maintenance records shall be retained and made available at the site.

1.7 Permit Actions

A permit may be modified, revoked and reissued, or terminated for cause as provided in 18 AAC 83.130. If a permittee files a request to modify, revoke and reissue, or terminate a permit, or gives notice of planned changes or anticipated noncompliance, the filing or notice does not stay any permit condition.

1.8 Property Rights

A permit does not convey any property rights or exclusive privilege.

1.9 Duty to Provide Information

A permittee shall, within a reasonable time, provide to the Department any information that the Department requests to determine whether a permittee is in compliance with the permit, or whether cause exists to modify, revoke and reissue, or terminate the permit. A permittee shall also provide to the Department, upon request, copies of any records the permittee is required to keep under the permit.

1.10 Inspection and Entry

A permittee shall allow the Department, or an authorized representative, including a contractor acting as a representative of the Department, at reasonable times and on presentation of credentials establishing authority and any other documents required by law, to:

1.10.1 Enter the premises where a permittee's regulated facility or activity is located or conducted, or where permit conditions require records to be kept;

1.10.2 Have access to and copy any records that permit conditions require the permittee to keep;

1.10.3 Inspect any facilities, equipment, including monitoring and control equipment, practices, or operations regulated or required under a permit; and

1.10.4 Sample or monitor any substances or parameters at any location for the purpose of assuring permit compliance or as otherwise authorized by 33 U.S.C. 1251-1387 (Clean Water Act).

1.11 Monitoring and Records

A permittee must comply with the following monitoring and recordkeeping conditions:

1.11.1 Samples and measurements taken for the purpose of monitoring must be representative of the monitored activity.

1.11.2 The permittee shall retain records in Alaska of all monitoring information for at least three years, or longer at the Department's request at any time, from the date of the sample, measurement, report, or application. Monitoring records required to be kept include:

1.11.2.1 All calibration and maintenance records,

1.11.2.2 All original strip chart recordings or other forms of data approved by the Department for continuous monitoring instrumentation,

1.11.2.3 All reports required by a permit,

1.11.2.4 Records of all data used to complete the application for a permit,

1.11.2.5 Field logbooks or visual monitoring logbooks,

1.11.2.6 Quality assurance chain of custody forms,

1.11.2.7 Copies of discharge monitoring reports, and

1.11.2.8 A copy of this APDES permit.

1.11.3 Records of monitoring information must include:

1.11.3.1 The date, exact place, and time of any sampling or measurement;

1.11.3.2 The name(s) of any individual(s) who performed the sampling or measurement(s);

1.11.3.3 The date(s) and time any analysis was performed;

1.11.3.4 The name(s) of any individual(s) who performed any analysis;

1.11.3.5 Any analytical technique or method used; and

1.11.3.6 The results of the analysis.

1.11.4 Monitoring Procedures

Analyses of pollutants must be conducted using test procedures approved under 40 CFR Part 136, adopted by reference at 18 AAC 83.010, for pollutants with approved test procedures, and using test procedures specified in the permit for pollutants without approved methods.

1.12 Signature Requirement and Penalties

1.12.1 Any application, report, or information submitted to the Department in compliance with a permit requirement must be signed and certified in accordance with 18 AAC 83.385. Any person who knowingly makes any false material statement, representation, or certification in any application, record, report, or other document filed or required to be maintained under a permit, or who knowingly falsifies, tampers with, or renders inaccurate any monitoring device or method required to be maintained under this permit shall, upon conviction, be subject to penalties under 33 U.S.C. 1319(c)(4), AS 12.55.035(c)(1)(B), (c)(2) and (c)(3), and AS 46.03.790(g).

1.12.2 In accordance with 18 AAC 83.385, an APDES permit application must be signed as follows:

1.12.2.1 For a corporation, a responsible corporate officer shall sign the application; in this subsection, a responsible corporate officer means:

1.12.2.1.1 A president, secretary, treasurer, or vice-president of the corporation in charge of a principal business function, or any other person who performs similar policy- or decision-making functions for the corporation; or

1.12.2.1.2 The manager of one of more manufacturing, production, or operating facilities, if

1.12.2.1.2.1 The manager is authorized to make management decisions that govern the operation of the regulated facility, including having the explicit or implicit duty of making major capital investment recommendations, and initiating and directing other comprehensive measures to assure long term environmental compliance with environmental statutes and regulations;

1.12.2.1.2.2 The manager can ensure that the necessary systems are established or actions taken to gather complete and accurate information for permit application requirements; and

1.12.2.1.2.3 Authority to sign documents has been assigned or delegated to the manager in accordance with corporate procedures.

1.12.2.2 For a partnership or sole proprietorship, by the general partner or the proprietor, respectively, shall sign the application.

1.12.2.3 For a municipality, state, federal, or other public agency, either a principal executive officer or ranking elected official shall sign the application; in this subsection, a principal executive officer of an agency means:

1.12.2.3.1 The chief executive officer of the agency; or

1.12.2.3.2 A senior executive officer having responsibility for the overall operations of a principal geographic unit or division of the agency.

1.12.3 Any report required by an APDES permit, and a submittal with any other information requested by the Department, must be signed by a person described in Appendix A, Part 1.12.2, or by a duly authorized representative of that person. A person is a duly authorized representative only if:

1.12.3.1 The authorization is made in writing by a person described in Appendix A, Part 1.12.2;

1.12.3.2 The authorization specifies either an individual or a position having responsibility for the overall operation of the regulated facility or activity, including the position of plant manager, operator of a well or a well field, superintendent, or position of equivalent responsibility; or an individual or position having overall responsibility for environmental matters for the company; and

1.12.3.3 The written authorization is submitted to the Department to the Permitting Program address in Appendix A, Part 1.1.1.

1.12.4 If an authorization under Appendix A, Part 1.12.3 is no longer effective because a different individual or position has responsibility for the overall operation of the facility, a new authorization satisfying the requirements of Appendix A, Part 1.12.3 must be submitted to the Department before or together with any report, information, or application to be signed by an authorized representative.

1.12.5 Any person signing a document under Appendix A, Part 1.12.2 or Part 1.12.3 shall certify as follows:

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

1.13 Proprietary or Confidential Information

1.13.1 A permit applicant or permittee may assert a claim of confidentiality for proprietary or confidential business information by stamping the words “confidential business information” on each page of a submission containing proprietary or confidential business information. The Department will treat the stamped submissions as confidential if the information satisfies the test in 40 CFR §2.208, adopted by reference at 18 AAC 83.010, and is not otherwise required to be made public by state law.

1.13.2 A claim of confidentiality under Appendix A, Part 1.13.1 may not be asserted for the name and address of any permit applicant or permittee, a permit application, a permit, effluent data, sewage sludge data, and information required by APDES or NPDES application forms provided by the Department, whether submitted on the forms themselves or in any attachments used to supply information required by the forms.

1.13.3 A permittee’s claim of confidentiality authorized under Appendix A, Part 1.13.1 is not waived if the Department provides the proprietary or confidential business information to the EPA or to other agencies participating in the permitting process. The Department will supply any information obtained or used in the administration of the state APDES program to the EPA upon request under 40 CFR §123.41, as revised as of July 1, 2005. When providing information submitted to the Department with a claim of confidentiality to the EPA, the Department will notify the EPA of the confidentiality claim. If the Department provides the EPA information that is not claimed to be confidential, the EPA may make the information available to the public without further notice.

1.14 Oil and Hazardous Substance Liability

Nothing in this permit shall be construed to preclude the institution of any action or relieve a permittee

from any responsibilities, liabilities, or penalties to which the permittee is or may be subject to under state laws addressing oil and hazardous substances.

1.15 Cultural and Paleontological Resources

If cultural or paleontological resources are discovered because of this disposal activity, work that would disturb such resources is to be stopped, and the Office of History and Archaeology, a Division of Parks and Outdoor Recreation of the Alaska Department of Natural Resources (http://www.dnr.state.ak.us/parks/oha/), is to be notified immediately at (907) 269-8721.

1.16 Fee

A permittee must pay the appropriate permit fee described in 18 AAC 72.

1.17 Other Legal Obligations

This permit does not relieve the permittee from the duty to obtain any other necessary permits from the Department or from other local, state, or federal agencies and to comply with the requirements contained in any such permits. All activities conducted and all plan approvals implemented by the permittee pursuant to the terms of this permit shall comply with all applicable local, state, and federal laws and regulations.

2.0 Special Reporting Obligations

2.1 Planned Changes

2.1.1 The permittee shall give notice to the Department as soon as possible of any planned physical alteration or addition to the permitted facility if:

2.1.1.1 The alteration or addition may make the facility a “new source” under one or more of the criteria in 18 AAC 83.990(44); or

2.1.1.2 The alteration or addition could significantly change the nature or increase the quantity of pollutants discharged if those pollutants are not subject to effluent limitations in the permit or to notification requirements under 18 AAC 83.610.

2.1.2 If the proposed changes are subject to plan review, then the plans must be submitted at least 30 days before implementation of changes (see 18 AAC 15.020 and 18 AAC 72 for plan review requirements). Written approval is not required for an emergency repair or routine maintenance.

2.1.3 Written notice must be sent to the Permitting Program address in Appendix A, Part 1.1.1.

2.2 Anticipated Noncompliance

2.2.1 A permittee shall give seven days’ notice to the Department before commencing any planned change in the permitted facility or activity that may result in noncompliance with permit requirements.

2.2.2 Written notice must be sent to the Compliance and Enforcement Program address in Appendix A, Part 1.1.2.

2.3 Transfers

2.3.1 A permittee may not transfer a permit for a facility or activity to any person except after notice to the Department in accordance with 18 AAC 83.150. The Department may modify or revoke and reissue the permit to change the name of the permittee and incorporate such other requirements under 33 U.S.C. 1251-1387 (Clean Water Act) or state law.

2.3.2 Written notice must be sent to the Permitting Program address in Appendix A, Part 1.1.1.

2.4 Compliance Schedules

2.4.1 A permittee must submit progress or compliance reports on interim and final requirements in any compliance schedule of a permit no later than 14 days following the scheduled date of each requirement.

2.4.2 Written notice must be sent to the Compliance and Enforcement Program address in Appendix A, Part 1.1.2.

2.5 Corrective Information

2.5.1 If a permittee becomes aware that it failed to submit a relevant fact in a permit application or submitted incorrect information in a permit application or in any report to the Department, the permittee shall promptly submit the relevant fact or the correct information.

2.5.2 Information must be sent to the Permitting Program address in Appendix A, Part 1.1.1.

2.6 Bypass of Treatment Facilities

2.6.1 Prohibition of Bypass

Bypass is prohibited. The Department may take enforcement action against a permittee for any bypass, unless:

2.6.1.1 The bypass was unavoidable to prevent loss of life, personal injury, or severe property damage;

2.6.1.2 There were no feasible alternatives to the bypass, including use of auxiliary treatment facilities, retention of untreated wastes, or maintenance during normal periods of equipment downtime. However, this condition is not satisfied if the permittee, in the exercise of reasonable engineering judgment, should have installed adequate back-up equipment to prevent a bypass that occurred during normal periods of equipment downtime or preventive maintenance; and

2.6.1.3 The permittee provides notice to the Department of a bypass event in the manner, as appropriate, under Appendix A, Part 2.6.2.

2.6.2 Notice of bypass

2.6.2.1 For an anticipated bypass, the permittee submits notice at least 10 days before the date of the bypass. The Department may approve an anticipated bypass, after considering its adverse effects, if the Department determines that it will meet the conditions of Appendix A, Parts 2.6.1.1 and 2.6.1.2.

2.6.2.2 For an unanticipated bypass, the permittee submits 24-hour notice, as required in 18 AAC 83.410(f) and Appendix A, Part 3.4, Twenty-four Hour Reporting.

2.6.2.3 Written notice must be sent to the Compliance and Enforcement Program address in Appendix A, Part 1.1.2.

2.6.3 Notwithstanding Appendix A, Part 2.6.1, a permittee may allow a bypass that:

2.6.3.1 Does not cause an effluent limitation to be exceeded, and

2.6.3.2 Is for essential maintenance to assure efficient operation.

2.7 Upset Conditions

2.7.1 In any enforcement action for noncompliance with technology-based permit effluent limitations, a permittee may claim upset as an affirmative defense. A permittee seeking to establish the occurrence of an upset has the burden of proof to show that the requirements of Appendix A, Part 2.7.2 are met.

2.7.2 To establish the affirmative defense of upset, the permittee must demonstrate, through properly signed, contemporaneous operating logs or other relevant evidence that:

2.7.2.1 An upset occurred and the permittee can identify the cause or causes of the upset;

2.7.2.2 The permitted facility was at the time being properly operated;

2.7.2.3 The permittee submitted 24-hour notice of the upset, as required in 18 AAC 83.410(f) and Appendix A, Part 3.4, Twenty-four Hour Reporting; and

2.7.2.4 The permittee complied with any mitigation measures required under 18 AAC 83.405(e) and Appendix A, Part 1.5, Duty to Mitigate.

2.7.3 Any determination made in administrative review of a claim that noncompliance was caused by upset, before an action for noncompliance is commenced, is not final administrative action subject to judicial review.

2.8 Existing Manufacturing, Commercial, Mining, and Silvicultural Discharges

2.8.1 In addition to the reporting requirements under 18 AAC 83.410, an existing manufacturing, commercial, mining, and silvicultural discharger shall notify the Department as soon as that discharger knows or has reason to believe that any activity has occurred or will occur that would result in:

2.8.1.1 The discharge, on a routine or frequent basis, of any toxic pollutant that is not limited in the permit, if that discharge will exceed the highest of the following notification levels:

2.8.1.1.1 One hundred micrograms per liter (100 µg/L);

2.8.1.1.2 Two hundred micrograms per liter (200 µg/L) for acrolein and acrylonitrile, 500 micrograms per liter (500 µg/L) for 2,4-dinitrophenol and for 2-methyl-4,6-dinitrophenol, and one milligram per liter (1 mg/L) for antimony;

2.8.1.1.3 Five times the maximum concentration value reported for that pollutant in the permit application in accordance with 18 AAC 83.310(c)-(g); or

2.8.1.1.4 The level established by the Department in accordance with 18 AAC 83.445.

2.8.1.2 Any discharge, on a non-routine or infrequent basis, of a toxic pollutant that is not limited in the permit, if that discharge will exceed the highest of the following notification levels:

2.8.1.2.1 Five hundred micrograms per liter (500 µg/L);

2.8.1.2.2 One milligram per liter (1 mg/L) for antimony;

2.8.1.2.3 Ten times the maximum concentration value reported for that pollutant in the permit application in accordance with 18 AAC 83.310(c)-(g); or

2.8.1.2.4 The level established by the Department in accordance with 18 AAC 83.445.

3.0 Monitoring, Recording, and Reporting Requirements

3.1 Representative Sampling

A permittee must collect effluent samples from the effluent stream after the last treatment unit before discharge into the receiving waters. Samples and measurements must be representative of the volume and nature of the monitored activity or discharge.

3.2 Reporting of Monitoring Results

The permittee shall summarize monitoring results on the annual report form or approved equivalent. The permittee shall submit its annual report at the interval specified in the permit. The permittee shall sign and certify all annual reports and other reports in accordance with the requirements of Appendix A, Part 1.12, Signatory Requirement and Penalties. The permittee shall submit the legible originals of these documents to the ADEC Compliance and Enforcement Program at the address in Appendix A, Part 1.1.2.

3.3 Additional Monitoring by Permittee

If the permittee monitors any pollutant more frequently than the permit requires using test procedures approved in 40 CFR Part 136, adopted by reference at 18 AAC 83.010, or as specified in this permit, the results of that additional monitoring must be included in the calculation and reporting of the data submitted in the DMR or annual report required by Appendix A, Part 3.2. All limitations that require averaging of measurements must be calculated using an arithmetic means unless the Department specifies another method in the permit. Upon request by the Department, the permittee must submit the results of any other sampling and monitoring regardless of the test method used.

3.4 Twenty-four Hour Reporting

A permittee shall report any noncompliance event that may endanger health or the environment as follows:

3.4.1 A report must be made:

3.4.1.1 Orally within 24 hours after the permittee becomes aware of the circumstances, and

3.4.1.2 In writing within five days after the permittee becomes aware of the circumstances.

3.4.2 A report must include the following information:

3.4.2.1 A description of the noncompliance and its causes, including the estimated volume or weight and specific details of the noncompliance;

3.4.2.2 The period of noncompliance, including exact dates and times;

3.4.2.3 If the noncompliance has not been corrected, a statement regarding the anticipated time the noncompliance is expected to continue; and

3.4.2.4 Steps taken or planned to reduce, eliminate, and prevent reoccurrence of the noncompliance.

3.4.3 An event that must be reported within 24 hours includes:

3.4.3.1 An unanticipated bypass that exceeds any effluent limitation in the permit (see Appendix A, Part 2.6, Bypass of Treatment Facilities).

3.4.3.2 An upset that exceeds any effluent limitation in the permit (see Appendix A, Part 2.7, Upset Conditions).

3.4.3.3 A violation of a maximum daily discharge limitation for any of the pollutants listed in the permit as requiring 24-hour reporting.

3.4.4 The Department may waive the written report on a case-by-case basis for reports under Appendix A, Part 3.4 if the oral report has been received within 24 hours of the permittee becoming aware of the noncompliance event.

3.4.5 The permittee may satisfy the written reporting submission requirements of Appendix A, Part 3.4 by submitting the written report via e-mail, if the following conditions are met:

3.4.5.1 The Noncompliance Notification Form or equivalent form is used to report the noncompliance;

3.4.5.2 The written report includes all the information required under Appendix A, Part 3.4.2;

3.4.5.3 The written report is properly certified and signed in accordance with Appendix A, Parts 1.12.3 and 1.12.5.;

3.4.5.4 The written report is scanned as a PDF (portable document format) document and transmitted to the Department as an attachment to the e-mail; and

3.4.5.5 The permittee retains in the facility file the original signed and certified written report and a printed copy of the conveying email.

3.4.6 The e-mail and PDF written report will satisfy the written report submission requirements of this permit provided the e-mail is received by the Department within five days after the time the permittee becomes aware of the noncompliance event and the e-mail and written report satisfy the criteria of Part 3.4.5. The e-mail address to report noncompliance is: dec-wqreporting@alaska.gov

3.5 Other Noncompliance Reporting

A permittee shall report all instances of noncompliance not required to be reported under Appendix A, Parts 2.4 (Compliance Schedules), 3.3 (Additional Monitoring by Permittee), and 3.4 (Twenty-four Hour Reporting) at the time the permittee submits monitoring reports under Appendix A, Part 3.2. (Reporting of Monitoring Results). A report of noncompliance under this part must contain the information listed in Appendix A, Part 3.4.2 and be sent to the Compliance and Enforcement Program address in Appendix A, Part 1.1.2.

4.0 Penalties for Violations of Permit Conditions

Alaska laws allow the State to pursue both civil and criminal actions concurrently. The following is a summary of Alaska law. Permittees should read the applicable statutes for further substantive and procedural details.

4.1 Civil Action

Under AS 46.03.760(e), a person who violates or causes or permits to be violated a regulation, a lawful

order of the Department, or a permit, approval, or acceptance, or term or condition of a permit, approval or acceptance issued under the program authorized by AS 46.03.020 (12) is liable, in a civil action, to the State for a sum to be assessed by the court of not less than $500 nor more than $100,000 for the initial violation, nor more than $10,000 for each day after that on which the violation continues, and that shall reflect, when applicable:

4.1.1 Reasonable compensation in the nature of liquated damages for any adverse environmental effects caused by the violation, that shall be determined by the court according to the toxicity, degradability, and dispersal characteristics of the substance discharged, the sensitivity of the receiving environment, and the degree to which the discharge degrades existing environmental quality;

4.1.2 Reasonable costs incurred by the State in detection, investigation, and attempted correction of the violation;

4.1.3 The economic savings realized by the person in not complying with the requirements for which a violation is charged; and

4.1.4 The need for an enhanced civil penalty to deter future noncompliance.

4.2 Injunctive Relief

4.2.1 Under AS 46.03.820, the Department can order an activity presenting an imminent or present danger to public health or that would be likely to result in irreversible damage to the environment be discontinued. Upon receipt of such an order, the activity must be immediately discontinued.

4.2.2 Under AS 46.03.765, the Department can bring an action in Alaska Superior Court seeking to enjoin ongoing or threatened violations for Department-issued permits and Department statutes and regulations.

4.3 Criminal Action

Under AS 46.03.790(h), a person is guilty of a Class A misdemeanor if the person negligently:

4.3.1 Violates a regulation adopted by the Department under AS 46.03.020(12);

4.3.2 Violates a permit issued under the program authorized by AS 46.03.020(12);

4.3.3 Fails to provide information or provides false information required by a regulation adopted under AS 46.03.020(12);

4.3.4 Makes a false statement, representation, or certification in an application, notice, record, report, permit, or other document filed, maintained, or used for purposes of compliance with a permit issued under or a regulation adopted under AS 46.03.020(12); or

4.3.5 Renders inaccurate a monitoring device or method required to be maintained by a permit issued or under a regulation adopted under AS 46.03.020(12).

4.4 Other Fines

Upon conviction of a violation of a regulation adopted under AS 46.03.020(12), a defendant who is not an organization may be sentenced to pay a fine of not more than $10,000 for each separate violation (AS 46.03.790(g)). A defendant that is an organization may be sentenced to pay a fine not exceeding the greater of: (1) $200,00; (2) three times the pecuniary gain realized by the defendant as a result of the offense; or (3) three times the pecuniary damage or loss caused by the defendant to another, or the property of another, as a result of the offense (AS 12.55.035(c)(B), (c)(2), and (c)(3)).

APPENDIX B. ACRONYMS

AAC	Alaska Administrative Code
ADF&G	Alaska Department of Fish and Game
APDES	Alaska Pollutant Discharge Elimination System
APMA	Application for Permits to Mine in Alaska
BMP	Best Management Practice
CFR	Code of Federal Regulations
CWA	Clean Water Act
DEC	Alaska Department of Environmental Conservation
DNR	Alaska Department of Natural Resources
EPA	U.S. Environmental Protection Agency
ESA	Endangered Species Act
NOI	Notice of Intent
USFWS	United States Fish & Wildlife Service
U.S.C.	United States Code
USGS	United States Geological Survey

APPENDIX C. DEFINITIONS

Active Stream Channel	Means 1) that part of the channel that is below the level of the water; or 2) any unvegetated gravel bars that occur below the ordinary high water mark.
Alaska Pollutant Discharge Elimination System (APDES)[a]	Means the State's program, approved by EPA under 33 U.S.C. 1342(b), for issuing, modifying, revoking and reissuing, terminating, monitoring and enforcing permits and imposing and enforcing pretreatment requirements under 33 U.S.C. 1317, 1328, 1342, and 1345.
Anadromous Fish[b]	Means a fish or fish species that spends portions of its life cycle in both fresh and salt waters, entering fresh water from the sea to spawn and includes the anadromous forms of pacific trout and salmon of the genus *Oncorhynchus* (rainbow and cutthroat trout and chinook, coho, sockeye, chum and pink salmon), Arctic char, Dolly Varden, sheefish, smelts, lamprey, whitefish, and sturgeon.
Application	Means an Application for Permits to Mine in Alaska (APMA) or written Notice of Intent (NOI) pursuant to 18 AAC 205.
Best Management Practices (BMPs)	Means schedules of activities, prohibitions of practices, maintenance procedures, and other management practices to prevent or reduce the pollution of "waters of the United States". BMPs also include treatment requirements, operating procedures, and practices to control site runoff, spillage or leaks, waste disposal, or drainage from mined areas.
Clean Water Act (CWA)[a]	Means the federal law codified at 33 U.S.C. 1251-1387, also referred to as the Federal Water Pollution Control Act or Federal Water Pollution Control Act Amendments of 1972.
Department[a]	Means the Alaska Department of Environmental Conservation
Discharge[a]	When used without qualification, means the discharge of a pollutant
Effluent[b]	Means the segment of a wastewater stream that follows the final step in a treatment process and precedes discharge of the wastewater stream to the receiving environment.
Existing Facilities	Means those mechanical operations facilities having coverage under the 2011 Medium-Size Suction Dredge Placer Mines General Permit.
Expanding Facility	Means any facility increasing in size such as to affect the discharge but operating within the permit area covered by its general permit.
Facility[a]	Means any point source or any other facility or activity, including land or appurtenances, that is subject to regulation under the APDES program.
Intake diameter	Means the measurement across the smallest internal cross-section of the primary inlet.
Littoral or Littoral Zone	Means the strip of land along the shoreline between the high and low water levels.

a) See 18 AAC 83
b) See 18 AAC 70.990
c) See 33 CFR 328.3(e)

Mining Season	Means the time between the start of mining in a calendar year and when mining has ceased for that same calendar year.
Mixing Zone[b]	Means a volume of water adjacent to a discharge in which wastes discharged mix with the receiving water.
New Facility	Means a facility that has not operated in the area specified in the Notice of Intent (NOI) prior to the submission of the NOI.
Operation	Means the same as "facility."
Ordinary High Water Mark[c]	Means that line on the shore established by the fluctuations of water and indicated by physical characteristics such as a clear, natural line impressed on the bank, shelving, changes in the character of soil, destruction of terrestrial vegetation, the presence of litter and debris, or other appropriate means that consider the characteristics of the surrounding areas.
Outfall	Means the discharge point of a wastewater stream into the receiving water.
Permittee	Means a company, organization, association, entity, or person who is issued a wastewater permit and is responsible for ensuring compliance, monitoring, and reporting as required by the permit.
Pollutant[a]	Principal dredged spoil, solid waste, incinerator residue, filter backwash, sewage, garbage, sewage sludge, munitions, chemical wastes, biological materials, radioactive materials (except those regulated under 42 U.S.C. 2011), heat, wrecked or discarded equipment, rock, sand, cellar dirt, and industrial, municipal, or agricultural waste discharged into water.
Receiving Water	Means waters such as lakes, rivers, streams, creeks, wetlands, or any other surface waters that receive wastewater discharges.
Recommencing Facilities	Means those facilities that may have let permit coverage lapse but still meet the coverage requirements of the permit.
Resident Fish	For the purpose of this permit, means Arctic grayling, northern pike, rainbow trout, lake trout, brook trout, cutthroat trout, whitefish, sheefish, Arctic char, Dolly Varden, burbot, and landlocked coho, king, and sockeye salmon.
Sheen[b]	Means an iridescent appearance on the water surface.
Silt and Clay	Means soil particles having a diameter of less than 0.002 mm (2 microns).
Spawning[b]	Means the process of producing, emitting, or depositing eggs, sperm, seed, germ, larvae, young, or juveniles, especially in large numbers, by aquatic life.
Wastewater	Means all water used in and resulting from the beneficiation process (including but not limited to the water used to move the ore to and through the beneficiation process, the water used to aid in classification, and the water used in gravity separation), mine drainage, and infiltration and drainage waters that commingle with mine drainage or waters resulting from the beneficiation process.

a) See 18 AAC 83
b) See 18 AAC 70.990
c) See 33 CFR 328.3(e)

Wastewater Treatment	Means any process to which wastewater is subjected in order to remove or alter its objectionable constituents and make it suitable for subsequent use or acceptable for discharge to the environment.
Waters of the United States or Waters of the U.S.	Has the meaning given in 18 AAC 83.990(77).

a) See 18 AAC 83
b) See 18 AAC 70.990
c) See 33 CFR 328.3(e)

APPENDIX D. ENDANGERED SPECIES ACT (ESA) HABITAT AREAS

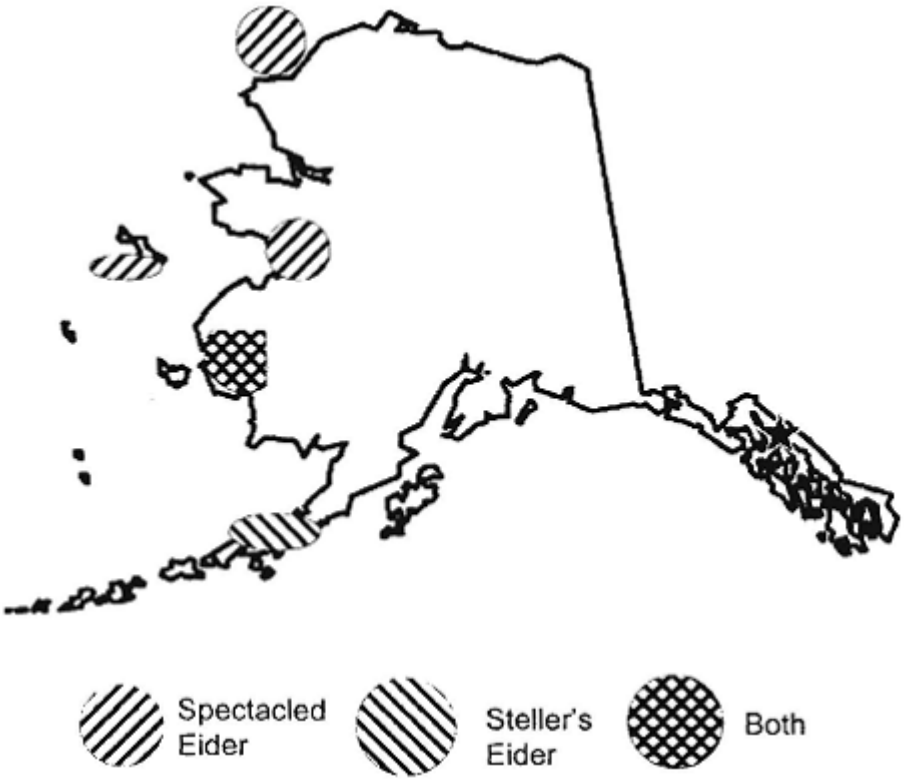
The following maps and tables provide the general locations of areas that contain critical habit. Permittees with facilities proposed for an area near critical habitat should consult the U.S. Fish and Wildlife Service (USFWS) website at http://alaska.fws.gov/fisheries/endangered/consultation.htm; or contact the Fairbanks office at (907) 456-0441 or the Anchorage Field Office at (907) 271-1467.

D.1 Eider and Sea Otter Critical Habitat

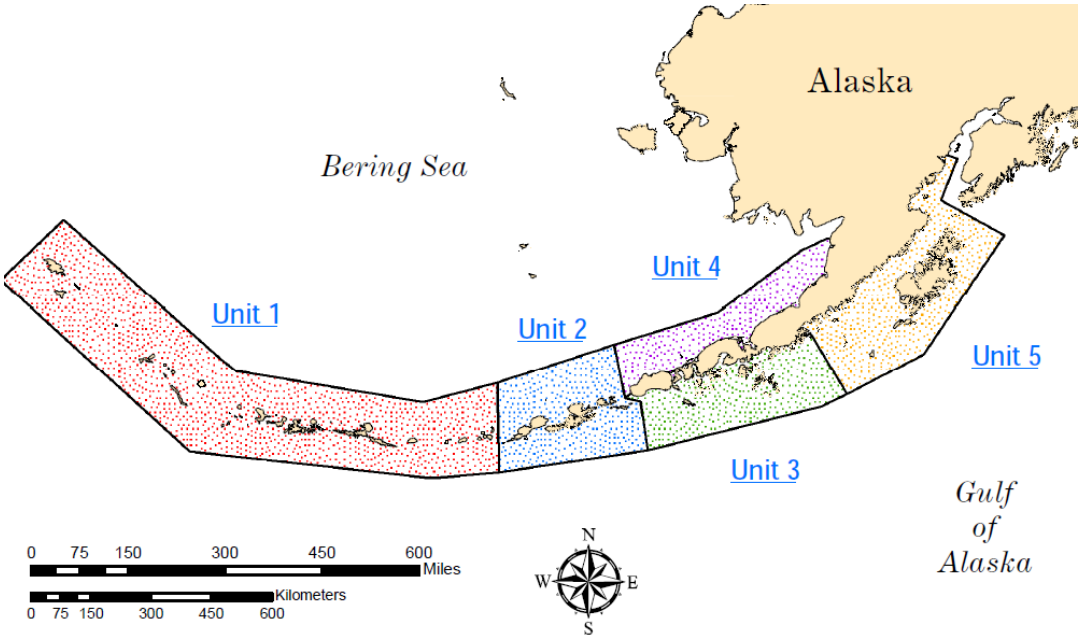
Table D1: Eider and Sea Otter Critical Habitat Areas – USGS Quad Maps

Adak	Hooper Bay	Norton Bay	St. Lawrence
Afognak	Iliamna	Nunivak Island	St. Michael
Amukta	Kaguyak	Point Hope	Stepovak Bay
Atka	Karluk	Point Lay	Sutwik Island
Attu	Kenai – (west side of Cook Inlet south of Redoubt Point)	Port Moller	Trinity Islands
Baird Inlet		Rat Islands	Ugashik
Chignik	Kiska	Samalga Islands	Umnak
Cold Bay	Kodiak	Seguam	Unalakleet
Delong Mountain (D-4 & 5)	Kuskokwim Bay	Seldovia	Unalaska
False Pass	Marshall	Simeonof Island	Unimak
Gareloi Island	Mt. Katmai	Solomon	Wainwright

Map D1: Spectacled and Steller's Eider Critical Habitat Areas



Map D2: Northern Sea Otter Southwest Alaska DPS Critical Habitat Areas



D.2 Steller's Eider Wintering Areas

Table D2: Steller's Eider Wintering Areas

Location	USGS Quad Map
The coastal seaward waters from Tununuk to Toksook Bay on Nelson Island	Nunivak Island
The south side of Nunivak Island from Cape Mohican to Atahgo Point	Nunivak Island, Cape Mendenhall
The coastal seaward waters from the south end of Carter Spit north to Jacksmith Bay	Kuskokwim Bay Goodnews Bay
Goodnews Bay	Goodnews Bay
Chagvan Bay	Hagemeister Island
Egegik Bay	Naknek
Ugashik Bay	Ugashik, Bristol Bay
Bechevin Bay	Cold Bay, False Pass
Cape Lapin	Unimak
Akutan Harbor	Unimak
The waters of Unalaska Bay south of Amaknak Island	Unalaska
The coastline between Cape Star on Umnak Island and the western tip of Samalga Island	Samalga Island
The s. coast of the Ikatan Peninsula between Otter Cove and Cape Pankof on Unimak Island	False Pass
Thin Point to the east end of Kinzarof Lagoon in Cold Bay	False Pass, Cold Bay
Sanak Islands	False Pass
Moss Cape near Volcano Bay on the Alaska Peninsula	Port Moeller
Bear Bay	Cold Bay
Volcano Bay	Port Moeller
Coal Bay to McGinty Point	Port Moeller
Bay Point to Unga Spit on Unga Island	Port Moeller
Zachary Bay on Unga Island	Port Moeller
East Head to Popof Island airstrip on Popof Island	Port Moeller
Chignik Lagoon	Chignik
Wide Bay east to the mouth of Pass Creek and Hartman Island	Ugashik
The following locations on Kodiak Island: Ugak Bay, Pasagshak Bay, Cape Chiniak, Kalsin Bay, Middle Bay, Womans Bay, and St. Paul Harbor	Kodiak, Kaguyak, Trinity Islands
Seldovia Bay in Kachemak Bay	Seldovia
Homer Spit to Bishop's Beach	Seldovia
Happy Valley to Clam Gulch in Cook Inlet	Seldovia, Kenai
Kirschner Lake outlet to Rocky Cove on the western shore of Cook Inlet	Iliamna

APPENDIX E. FORMS

Appendix E includes forms that may be used for the recording and/or submission of information required under this permit. Information may be recorded or submitted in a different format provided all required data elements are included. The Department reserves the right to modify the format of any of the attached forms at any point after the permit issuance date.

Department Use Only: WPC _____

Alaska Department of Environmental Conservation
Division of Water
Wastewater Discharge Authorization Program

Notice of Intent (NOI) to Discharge under General Permit AKG371000 for Medium-Size Suction Dredge Placer Miners

Permittee Name (First Last, Business)**:** □ Owner □ Operator □ Other:		**Previous Discharge Authorization #**: AKG371 _____
Address:	Phone:	**Waterbody** that would receive direct discharge:
Email:		
Additional Contact (First Last, Business)**:** □ Owner □ Operator □ Agent □ Other:		**Please attach a drawing of your operation and/or reference a current Alaska Permits to Mine Application (APMA).**
Address:	Phone:	
Email:		**APMA #:**
USGS Quad Map:	**Mining District:**	**Latitude:**
Township, Range, Section, Meridian:	□ Umiat □ Kateel □ Fairbanks □ Seward □ Copper River	**Longitude:**

Does the proposed discharge occur within a National Park or Preserve, National Monument, National Sanctuary, National Wildlife Refuge, National Conservation Area, National Wilderness Area, National Critical Habitat Area; waterbody designated as wild under the Wild & Scenic Rivers Act; or Critical Habitat designated under the Endangered Species Act for the spectacled eider, Steller's eider, or northern sea otter**?** □ **Yes** □ **No**

Nozzle Diameter*: _____ **Pump Horsepower:** _____ *limited to intake nozzles with diameters greater than 6" and less than or equal to 10"	**Vessel Name** (marine waters)**:**

Sea Ice Operation: □ Yes □ No

Certification: I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Signature:	**Date:**

Printed Name (First Last, Title, Business)**:**

Mailing Address: DEC Division of Water 610 University Ave. Fairbanks, AK 99709	**Phone:** (907) 451-2142 **Fax:** (907) 269-4604 **Email:** dec.placer@alaska.gov

Department Use Only: WPC _____

Alaska Department of Environmental Conservation
Division of Water
Wastewater Discharge Authorization Program

Medium-Size Suction Dredge General Permit (AKG371000)
Annual Report Form

Permittee Name:	**Mining Season Year:**
Address:	**Waterbody:**
	Authorization #: AKG37_____
Phone:	**APMA #:**
Email:	**Vessel Name** (or N/A)**:**

Dredging Occurred: □ Yes □ No **If dredging occurred**, a summary of visual monitoring for turbidity must be provided:

Month Dredged	Total Days	Plume Length (ft.)		Month Dredged	Total Days	Plume Length (ft.)	
		Average	Maximum			Average	Maximum

Comments, including explanations of any visual violations and actions taken to return to compliance**:**

Additional Pages Attached: □ Yes □ No

To terminate an authorization, provide a request with a brief explanation in the comment box above.

Certification: I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and completer. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Printed Name:	**Title:**
Signature:	**Date:**

Note: Reports are due by January 31. A separate Annual Report must be submitted for each permit number. Reports may be submitted by fax, email, or hardcopy to the address below. Permittees must retain legible copies of all submitted documents.

Mailing Address: AK Dept. of Environmental Conservation
Division of Water
Attn: Compliance Program
555 Cordova Street
Anchorage, Alaska 99501

Phone: Compliance Program:
Toll Free Nationwide: (877) 569-4114
Anchorage or International: (907) 269-4114
Permitting Program: (907) 451-2142

Fax: (907) 269-4604 **Email:** dec-wqreporting@alaska.gov **Website:** dec.alaska.gov/water/Compliance/permittee.html