

**STATE OF ALASKA**  
**DEPARTMENT OF ENVIRONMENTAL CONSERVATION**  
**WASTEWATER DISPOSAL PERMIT**

<b>Authorized facility:</b>	<b>Ward Cove Log Storage Facility</b>
<b>Permit Number:</b>	<b>2003-DB-0034</b>
<b>Effective Date:</b> <b>Expiration Date:</b>	<b>May 14, 2004</b> <b>May 13, 2009</b>
<b>Issued to:</b>	<b>Ketchikan Gateway Borough</b> <b>334 Front Street</b> <b>Ketchikan, AK 99901</b>
<b>Waterbody name:</b> <b>Next waterbody:</b> <b>Location:</b> <b>Lat/Long:</b>	<b>Ward Cove</b> <b>Tongass Narrows</b> <b>4 miles north of Ketchikan</b> <b>N55-24.467, W131-43.347</b>

This Wastewater Disposal Permit authorizes the Ketchikan Gateway Borough to discharge bark and wood residues associated with in-water log storage and log transfer at the Ward Cove Log Storage Facility into marine waters within the project area in Ward Cove, in accordance with the terms and conditions set forth herein. This permit does not authorize discharge of bark and wood debris outside the project area, and does not authorize discharge of any other pollutants. This permit is issued in accordance with AS 46.03 and 18 AAC 15. This permit may be terminated or modified in accordance with AS 46.03.120.

The Ward Cove Log Storage Facility will store log bundles in marine waters in authorized areas of Ward Cove until the logs are transferred to land by the log lift serving the veneer plant at Ward Cove, or are loaded onto ships in Ward Cove for transport to markets.

Log Volume Limitations are established in Section 3, and Discharge Limitations are established in Section 4. If these limitations are exceeded in a given year, the authorized log storage volume for the following year is reduced accordingly.

This permit authorizes a Zone of Deposit for the accumulation of bark and wood debris within the project area of the Ward Cove Log Storage Facility in Section 5.

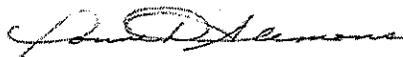
The permittee is required to conduct monitoring activities in accordance with Sections 6 and 7, and to submit quarterly reports in accordance with Section 9.

A copy of this permit must be kept at the office responsible for management of the Ward Cove Log Storage Facility, available for public inspection.

This permit is effective on May 14, 2004.

This permit and the authorization to discharge expire at midnight, May 13, 2009.

Signed this 14th day of May 2004.



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Jonne Slemons  
Program Manager  
Non-Point Source Water Pollution Control

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## **TERMS AND CONDITIONS**

### **1. PROJECT DESCRIPTION AND PROJECT AREA**

The Ward Cove Log Storage Facility will store log bundles in marine waters within portions of the project area in Ward Cove until the logs are transferred to land by the log lift serving the veneer plant at Ward Cove, which is owned by the Ketchikan Gateway Borough, or are transferred onto ships in Ward Cove for transport to markets. Log storage may occur throughout the year, in accordance with the operating practices set out in Section 2.

Figure 1 (p. 13) shows the location of Ward Cove. Figure 2 (p. 14) depicts the project area, which comprises log storage Area A, log storage Area B, the Transfer Area, and the Ship Loading Area (Area C). Figure 3 (p. 15) lists the Global Positioning Satellite (GPS) system latitude/longitude coordinates of the corners of each area.

Area A is roughly a rectangle, approximately 510 feet wide and 1536 feet long, with an area of approximately 17.7 acres.

Area B is an irregular block located along the bend in the middle of the northwest shoreline of the cove. The inner end is 448 feet wide and the outer end is 517 feet wide. The seaward side is bent into two segments, 1274 feet and 773 feet long. Area B is approximately 19.1 acres.

The Transfer Area is an approximate triangle with one side in common with the northeast end of Area A, and the apex at the log lift on the shoreline, where logs are moved from Area A to the log lift and transferred onto land. The Transfer Area is approximately 1.1 acres.

The Ship Loading Area (Area C) is a rectangle located on the south side of the inner cove. The area is 300 feet wide and 1342 feet long, approximately 9.2 acres.

The project area includes the surface of the water, the water column beneath the surface area, and the underlying ocean bottom. The project area does not include portions of Ward Cove where log rafts or log bundles are in transit into or out of the cove or between parts of the project area. The submerged lands under Area A, Area B, the Transfer Area, and a portion of Area C are in the process of having patent title transferred to the Ketchikan Gateway Borough.

### **2. OPERATING PRACTICES**

- 2.1. The permittee shall employ all reasonable operating practices to avoid the discharge of bark and wood debris from logs in marine waters, and to contain the discharge to the smallest area on the ocean surface that is practicable and is consistent with safe and orderly operation of the log transfer facility.
- 2.2. Log rafts and bundles must be stored within Area A and Area B, except while in transit into or out of Ward Cove, to the Ship Loading Area, and to the Transfer Area, and while in place temporarily for transfer out of water to ships or to land at the log lift. Log bundles must be held in the Ship Loading Area and the Transfer Area for the shortest practicable time. No more than 10 bundles may be present in the Transfer Area at any time.

- 2.3. The permittee shall install permanent buoys, pilings, stifflegs, or other structures sufficient to secure log rafts, along the northwest boundary of Area A, including buoys or structures to mark the endpoints of that boundary. The permittee shall place clearly visible permanent markers on the shoreline at points 1, 2, 9, and 13, shown on the map in Figure 2.
- 2.4. Log storage in Area B must be in water deeper than 60 feet MLLW.
- 2.5. Logs must be contained in bundles while stored in the water, and lifted in bundles from the water. No in-water bundling, unbundling, or sorting of logs may occur.
- 2.6. Log bundles may be removed from the water only at the log lift and to load ships.
- 2.7. Logs to be loaded onto ships in Area C may be stored in Area A and Area B only for the shortest practicable time. If logs are stored for ship loading longer than two weeks, the permittee must notify the Department of Environmental Conservation (hereafter "the Department") of the circumstances.
- 2.8. Logs brought to a ship for loading must be held within Area C.
- 2.9. Insofar as practicable for safe and orderly operation, logs must be stored in Area A in preference to Area B, and concentrated to the northeast end of each area, filling with logs to the opposite end as necessary.
- 2.10. The log transfer device, boom boats, vehicles, fuel storage, and all other equipment and facilities must be operated to prevent the discharge of petroleum and lubricating products onto land or into fresh or marine waters.
- 2.11. Bark and wood debris that accumulate on the log deck at the log lift must be removed daily, to the extent practicable, and properly disposed of.
- 2.12. Solid waste other than bark and wood debris may not be deposited in marine waters or on adjacent tidelands or shorelines. Solid waste includes cables, metal bands, wire, equipment, machinery, tools, fittings, vehicles, boats, metal drums, containers, appliances, parts thereof, and other materials or debris.

### 3. LOG VOLUME LIMITATIONS

The total annual volume of logs entering Ward Cove and placed in storage in the project area intended for use in the veneer plant, including saw and utility logs not suitable for veneer, may not exceed 40 million board feet (mmbf). The total annual volume of logs entering Ward Cove and stored for loading onto ships may not exceed 20 mmbf.

If either log volume limitation is exceeded in a given year, the authorized volume of log storage in the respective area in the following year will be reduced by the amount of the exceedance. The permittee may be subject to enforcement actions by the Department under AS 46.03.

#### **4. DISCHARGE AND ACCUMULATION LIMITATIONS**

The total volume of bark and wood debris discharged annually from logs stored in Area A may not exceed 287 cubic meters.

The total volume of bark and wood debris discharged annually from logs stored in Area B may not exceed 309 cubic meters.

If the discharge limitation for Area A or Area B is exceeded in a given year, the authorized volume of log storage in the respective area in the following year will be reduced in proportion to the proportion of the discharge exceedance. The permittee may be subject to enforcement actions by the Department under AS 46.03.

The total volume of bark and wood debris that accumulates on the bottom in the Transfer Area annually may not exceed 89 cubic meters.

If the accumulation limitation for the Transfer Area is exceeded in a given year, the authorized total volume of log storage in Area A and Area B in the following year will be reduced in proportion to the proportion of the accumulation exceedance. The permittee may be subject to enforcement actions by the Department under AS 46.03.

The thickness of bark and wood debris on the bottom in the Transfer Area may not exceed 30 centimeters at any point. If the thickness of bark and wood residues on the bottom in the Transfer Area exceeds 30 centimeters at any point, the permittee shall remove continuous cover by bark and wood residues from the bottom, to the extent practicable, within 180 days. The permittee shall prepare a residues removal and disposal plan and submit the plan to the Department for review and approval.

#### **5. ZONE OF DEPOSIT**

This permit authorizes a Zone of Deposit for the accumulation of bark and wood debris on the ocean bottom within the project area, in accordance with the Alaska Water Quality Standards, 18 AAC 70.210.

#### **6. BARK MONITORING PROGRAM**

6.1. Bark Capture. The permittee shall conduct a program to determine the amount of bark and wood debris discharged from logs in storage in Area A and Area B. Whenever logs for the veneer plant are in storage in Area A or Area B, two wire mesh baskets will be suspended beneath stored log bundles at separate points in the respective area. Baskets will be square, with sides approximately four feet long and one foot high, with open tops except for means of suspension. Wire mesh size will be 1/8 to 1/4 inch. Baskets will be suspended under log rafts 10 to 20 feet below the surface, and no less than 20 feet inward from the boundary of the actual stored logs, in a manner that will capture representative discharge of bark from log bundles. Baskets will be suspended and weighted so that their bottoms rest in horizontal position. Baskets and their suspension system will be designed to effectively

capture and retain bark while in place, and during retrieval and handling. Retrieval and handling will be conducted to retain and retrieve all bark captured.

Each time a basket is put in place, the GPS position will be recorded, and a digital photo of the site and vicinity will be taken. The location of each basket in place will be recorded on a standard map depicting the log storage area.

Baskets will be retrieved on the last day of each month, or one day prior or later, in a manner that retains the captured bark. Each time a basket is retrieved, the GPS position will be recorded, and a digital photo of the contents of the basket will be taken. The location of each basket retrieved will be recorded on a standard map of the project area.

Bark contents of each basket will be placed as soon as practicable in a separate volumetric container of appropriate size with a mesh bottom equivalent to that of the baskets. The container will be allowed to drain for a period of two hours in a dry location at room temperature. The bark contents will be measured for volume and weight in metric measure. Volume and weight will be determined after leveling and gentle shaking of the volumetric container to "settle" the bark. Difficulties or anomalies concerning the monitoring and measuring procedure will be recorded and retained for each retrieval and measuring event.

Baskets will be returned to positions under log rafts as soon as practicable, and no more than 24 hours after removal. The date and time of removal of each basket from the water, and the date and time of replacement, will be recorded to the nearest minute.

All information referenced in the Bark Capture program will be submitted to the Department in a quarterly report in accordance with Section 9.

- 6.2. Bark Surveys. The permittee shall conduct dive surveys of bark on the ocean bottom in Area A, Area B, and the Transfer Area in April and October of each year, if log storage or transfer has occurred in an area for more than 30 days in the previous six months. Video recordings made will be in VHS format.

The permittee shall conduct a dive survey of the bottom of the Transfer Area prior to commencement of log storage.

The permittee shall submit the results of a dive survey in a report to the Department no more than 60 days after the date of the survey.

A survey must determine, to the extent practicable, for bark and wood debris discharged under this permit, the total area, boundaries, and depth of continuous coverage; the total area and boundaries of discontinuous coverage; the nature of bark and wood debris on the bottom, and the natural and introduced sediments underlying and intermixed with the bark and wood debris.

Area A. Two parallel dive survey transects will be established running the length of Area A. Transect origins will be located on the northeast boundary of Area A. Transects will be located 1/3 of the width of the area inward from either side, or, to the extent that log storage occurs primarily to one side of the area, transects will be located beneath the actual storage area with similar separation.

Sample points will be established at 100-foot intervals along each transect, beginning at the origin. Prior to the survey, sample points will be plotted as GPS stations on a bathymetric map of Ward Cove in electronic format. Each sample point will be located in the field by GPS, accurate to within three meters. At each sample point, the diver will record the water depth; marine life present; solid waste present; and for bark discharged under this permit, the nature and condition of bark, thickness of bark, percent cover, and the nature and condition of substrate and sediment underlying and intermixed with that bark, to the extent practicable. A clear video recording or photograph will be made of the bottom at each sample point, incorporating an object of known size to show scale. If video recording is used, recording of the bottom will be made as the diver moves between sample points, to the extent practicable.

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Area B. Video recordings will be made of up to three transects on the bottom of Area B roughly perpendicular to shore, depending on the duration of log storage. The area will be divided into approximate thirds crosswise. If log storage has occurred in a given third of the area for more than 30 days in the previous six months, a transect will be included across the area of primary log storage in that one-third portion of the area. The video will record the bottom either continuously along each transect, or at sample points at 50-foot intervals. If sample intervals are used, sample points will be plotted prior to the survey as GPS stations on a bathymetric map of Ward Cove in electronic format. Each sample point will be located in the field by GPS, accurate to within three meters.

If video transects are not practicable due to obstruction by log rafts or other structures, the permittee shall make best efforts to obtain comparable videos of bark on the bottom by dropping a video camera at available locations, which will be recorded on a map, with GPS locations.

Transfer Area. Five radial transects will be established 15 degrees apart with the origin at the center of the log lift, and the ends at the outer boundaries of the Transfer Area. The center transect will be oriented toward the center of the end of Area A. Sample points will be established at 20-foot intervals along each transect. At each sample point, the diver will record the water depth; marine life present; solid waste present; and for bark discharged under this permit, the nature and condition of bark, thickness of bark, percent cover, and the nature and condition of substrate and sediment underlying and intermixed with that bark, to the extent practicable. A clear video recording or photograph will be made of the bottom at each sample point, incorporating an object of known size to show scale. If video recording is used, recording of the bottom will be made as the diver moves between sample points, to the extent practicable.

GPS locations. For each area surveyed, permanent transect origins and sample point locations will be established as Global Positioning Satellite system latitude and longitude coordinates on digital maps of Ward Cove, showing bathymetry. Transects and sample points may be modified for good cause, with documentation. Sample points will be located in the field during surveys by GPS position, with accuracy within three meters.

- 6.3. Quality Assurance Project Plan. The permittee shall prepare a proposed Quality Assurance Project Plan (QAPP) prior to the commencement of log storage, and shall submit the QAPP to the Department for review and approval. The QAPP will describe in detail the equipment and procedures to be used in the Bark Capture program, including baskets, GPS equipment, methods of suspension and retrieval, measuring devices, methods of measurement, methods of recording information, corrective measures, safety measures, and other relevant information. The QAPP will describe in detail the equipment and procedures to be used in the Bark Survey program, including dive equipment, video and photography equipment, GPS equipment, the establishment of transect and sample point locations in the field, methods of recording information, corrective measures, safety measures, dealing with underwater hazards, and other relevant information. For both Bark Capture and Bark Survey, the QAPP will describe the procedures that will be employed to assure the accuracy and quality of information produced.

The Department will review the QAPP submitted, and will, within 30 days, approve, or approve with modifications. The permittee shall implement the approved QAPP in conducting the Bark Capture program and the Bark Survey program.

The permittee shall submit a report to the Department within 90 days after commencement of log storage, evaluating the effectiveness and accuracy of the Bark Capture program, and making suggestions for modification of the program to make it more effective.

- 6.4. Modification of Methods. The permittee shall make best efforts to carry out the Bark Monitoring program as described in this permit and in the approved QAPP. The permittee may consult the Department concerning the methods employed at any time. In its discretion or at the permittee's request, the Department may direct the permittee in writing to make reasonable modifications to requirements of the Bark Monitoring program, which shall be reflected by modification to the QAPP.
- 6.5. Observation by the Department. The Commissioner or his or her representative may accompany and observe the Bark Capture and Bark Survey activities. The permittee shall contact the Department no less than 14 days prior to the anticipated date of a Bark Survey to discuss the plan for the conduct of the Bark Survey.
- 6.6. Bark Survey Report. The permittee shall submit a Bark Survey report within 60 days of completion of a Bark Survey, that includes the following information.
1. Date and time of the Bark Survey; name of the firm and individuals who performed the survey; and signature of the person responsible for the survey.
  2. Date of completion of the report, and name of the individual who prepared the report.

3. Methods used to establish transects and locate sample points.
4. Methods used to measure bark depth and estimate percent cover at each station.
5. A map of the site with bathymetry and scale, depicting the shoreline, Area A, Area B, Transfer Area, and Ship Loading Area.
6. For each area surveyed, a map showing transects and sample points, with bathymetry and scale.
7. For each area surveyed, a table showing, by transect: each sample point, GPS position, distance from origin, water depth at MLLW, bark depth, percent cover by bark, substrate type, and marine life evident.
8. For each area surveyed, a description and estimate of the area (to the nearest 0.1 acre) and volume (to the nearest 0.1 cubic meter) of continuous bark cover; a description and estimate of the area and volume of discontinuous bark cover; a description of the method used to calculate the area and volume; and a copy of calculation worksheets in understandable format (unless computer software is used to calculate area).
9. Narrative description of marine life present; solid waste present; the nature and condition of bark deposited during the life of the permit; and the nature and condition of substrate and sediment underlying and intermixed with that bark, to the extent practicable.
10. Video recordings and photographs taken.
11. Description of site conditions at the time of the survey, tidal stage, and hazards, difficulties, and anomalies with the survey.

## **7. PETROLEUM DISCHARGE MONITORING AND REPORTING**

The permittee shall monitor waters in the project area visually for the presence of petroleum products, including oil sheens, on the water. Regulations of the Department (18 AAC 75.300; see Appendix 3, p. 16) require that a person in charge of a facility or operation shall notify the Department by telephone and in writing of a discharge or release of a hazardous substance other than oil, or a discharge or release of oil to water, or a discharge or release of oil in excess of 55 gallons to land, as soon as the person has knowledge of the incident. A discharge to land in excess of 10 gallons, but 55 gallons or less, must be reported within 48 hours. A discharge of one to 10 gallons of oil solely to land must be reported to the Department monthly.

Spills must be reported to the following State contact.

SE Alaska Oil Spill Response Team:  
907-465-5340 (8 a.m. to 5 p.m., Monday through Friday)  
800-478-9300 (all other times including holidays)

In addition, all oil spills must be reported to the following federal government contact.

U.S. Coast Guard National Response Center:  
800-424-8802 (24 hours per day)

Any observation of petroleum products on the water must be included in the quarterly report described in Section 9. The Oil and Hazardous Substances Spill Notification form appended to this permit may be used for this purpose.

## **8. POLLUTION PREVENTION PLAN**

The permittee shall prepare a Pollution Prevention Plan and provide a copy to the Department prior to commencement of log storage. The purpose of the Pollution Prevention Plan is to identify and describe specific operational practices that will be used to avoid and minimize the discharge of pollutants, and particularly, to minimize the area and quantity of bark discharge. The Pollution Prevention Plan must be in narrative form, and may include maps, figures, and tables. The permittee shall review the plan annually and modify the plan as appropriate to maintain its effectiveness. The permittee shall provide notice to the Department of completion of the annual review, and provide a copy of the plan, if revisions are made.

The Pollution Prevention Plan must include the following elements.

1. Name and location of the facility.
2. Permit number.
3. Name and contact information for the owner.
4. Name and contact information for the operator.
5. Identification of potential pollutant sources and pathways, including log storage and handling, bark wastes at the log lift, petroleum products, surface disturbance, surface runoff, and solid waste.
6. Description of specific management practices, operating procedures, maintenance procedures, and emergency procedures, as appropriate, in order to avoid and minimize discharge of pollutants from each source and pathway identified. Particular attention must be given to the handling and management of logs in the water.
7. Means of implementing the Pollution Prevention Plan, including management structure, employee training, and positions responsible for monitoring and reporting activities and recording noncompliance events.

## **9. QUARTERLY REPORT**

The permittee shall submit a complete and accurate report describing activities subject to this permit for each quarter of the year, by the last day of the month following each quarter. A quarterly report must include the information listed below. The quarterly report must be signed by a principal officer or a duly appointed representative of the permittee.

1. Permit number, facility name, facility owner (mailing address, telephone number, FAX number, and Email address); facility operator (mailing address, telephone number, FAX number, and Email address).
2. A summary of noncompliance with any of the requirements of this permit, including time periods, reasons for noncompliance, and actions taken to correct noncompliance and prevent further occurrence. The Noncompliance Notification form appended to this permit may be used to report noncompliance.
3. Oil spills or sheens observed, including the date, product type, estimated volume, and description of incident.
4. For log storage to supply the veneer plant, for the calendar year to date, a statement, in table form, of log volumes by month, by quarter, and year to date, as follows: in storage at the start; added to storage; removed from storage to land; in storage at the end; estimated average volume in storage; and other changes in log volumes in storage.
5. For each ship loaded: date log storage began; volume placed in storage; date log transfer began; date log transfer ended; and log volume transferred.
6. Maps showing, by month, the approximate minimum, maximum, and average areas utilized for log storage within Area A and Area B, using a standard diagram of each area, with statement of the area.
7. A description of the bark capture, retrieval, and measurement activity, with the volume and weight of bark captured in each basket for each month; basket location pictures and GPS locations; an estimate of the bark discharged for each month and for the quarter by area, with totals, based on extrapolation of the bark captured in each area to the average areal extent of log storage for each month; description of the method to estimate total bark discharge, with calculation sheets; and description of problems or issues with the bark capture and measurement procedure.
8. A description of any changes to facilities and operation of the LTF from those described in the permittee's application.

## 10. REPORTING ADDRESSES

All required reporting should be sent as electronic documents in Email attachments, to the extent practicable, to the following address, unless the Department designates another Email address:

[wqpermit@dec.state.ak.us](mailto:wqpermit@dec.state.ak.us)

Subject: Water Programs / LTF Reporting

Required reporting may be sent as paper documents, if necessary or desired, to the following address, unless the Department designates another address:

Department of Environmental Conservation  
Water Programs / LTF Reporting  
410 Willoughby Avenue, Suite 303  
Juneau, AK 99801-1795  
Telephone: 907-465-5300  
FAX: 907-465-5274

Knowingly making a false statement, by the permittee, the operator, other employees, or contractors, on any such report may result in the imposition of criminal penalties as provided for under AS 46.03.790.

#### **11. ANNUAL CONFERENCE**

The permittee and the Department shall hold a conference annually in the first quarter of the year to discuss the results of bark discharge monitoring, the QAPP, the Pollution Prevention Plan, Noncompliance, Remediation, and other issues under the permit. The permittee shall contact the Department to set a time and place for the conference, and an agenda. The conference may be held in person or by telephone or video conferencing.

#### **12. COMPLIANCE WITH ALASKA ADMINISTRATIVE CODE**

The discharge may not cause or contribute to a violation of the Alaska Water Quality Standards (18 AAC 70) or the Wastewater Disposal Regulations (18 AAC 72).

#### **13. PROHIBITION OF DISCHARGE**

No treated or untreated wastewater, waste, or material may be discharged to the lands or waters of the state unless authorized by the Department.

#### **14. DISCHARGE NONCOMPLIANCE**

The discharge of any pollutant or toxic material not authorized in this permit shall constitute noncompliance with the permit.

#### **15. ADVERSE IMPACT**

The permittee shall take all necessary precautions and actions to minimize adverse impacts to the receiving waters or lands resulting from noncompliance with any condition or limitation specified in this permit, including any additional monitoring needed to determine the nature and impact of the non-complying activity. The permittee shall clean up and restore all areas adversely impacted by the noncompliance.

#### **16. CIVIL AND CRIMINAL LIABILITY**

Nothing in this permit shall relieve the permittee from civil or criminal penalties for noncompliance, whether or not such noncompliance is due to factors beyond his control, including, but not limited to, accidents, equipment breakdowns, or labor disputes.

## **17. ACCESS AND INSPECTION**

The permittee shall allow the Commissioner or his or her representative access to the permitted facilities at reasonable times to conduct scheduled or unscheduled inspections or tests to determine compliance with this permit, and with laws and regulations of the State of Alaska.

## **18. APPLICATION FOR MODIFIED DISCHARGE**

Any anticipated facility modification or process modification that will result in a new, different, or increased discharge of pollutants requires submission of a new or revised wastewater disposal permit application at least 120 days before the implementation of such modification.

## **19. APPLICATION FOR RENEWAL**

In accordance with 18 AAC 15.100(d), an application for renewal or amendment of this permit must be made no later than 120 days before the expiration date of the permit or the planned effective date of the amendment.

## **20. RECORDS RETENTION**

The permittee shall retain all records and information required under this permit in Alaska for observation by the Department for five years. Upon request from the Department, the permittee shall submit certified copies of such records. The permittee shall maintain a copy of this permit available to the public at the office responsible for management of the Ward Cove Log Storage Facility.

## **21. INFORMATION ACCESS**

Except for information relating to confidential processes or methods of manufacture, all records and reports submitted in accordance with the terms of this permit will be available for public inspection at the State of Alaska Department of Environmental Conservation, Division of Water, 410 Willoughby Avenue, Juneau, Alaska 99801-1795.

## **22. TRANSFER OF PERMIT**

This permit may be transferred to a new permittee. The existing permittee shall notify the Department by certified mail at least 60 days in advance of a specified transfer date. The notice must include a written agreement between the existing and new permittees for the transfer of permit responsibility, coverage, and liability to the new permittee upon the specified date. Transfer of the permit will be effective upon the specified date, only if the Department approves the transfer in writing prior to the specified date.

### **23. CULTURAL OR PALEONTOLOGICAL RESOURCES**

Should cultural or paleontological resources be discovered as a result of activities authorized by this permit, work which would disturb such resources must be stopped, and the State Historic Preservation Office, Division of Parks and Outdoor Recreation, Department of Natural Resources, must be notified immediately (907-269-8721).

### **24. OTHER LEGAL OBLIGATIONS**

The requirements, duties, and obligations set forth in this permit are in addition to any requirements, duties, and obligations contained in any other permit that the Alaska Department of Environmental Conservation or the U.S. Environmental Protection Agency has issued or may issue to the permittee. This permit does not relieve the permittee from the duty to obtain any necessary permits and to comply with the requirements contained in any such permit or with applicable state and federal laws and regulations. All activities conducted by the permittee pursuant to the terms of this permit and all plans implemented by the permittee pursuant to the terms of this permit must comply with all applicable federal and state laws and regulations.

**FIGURE 1**

**LOCATION OF WARD COVE**

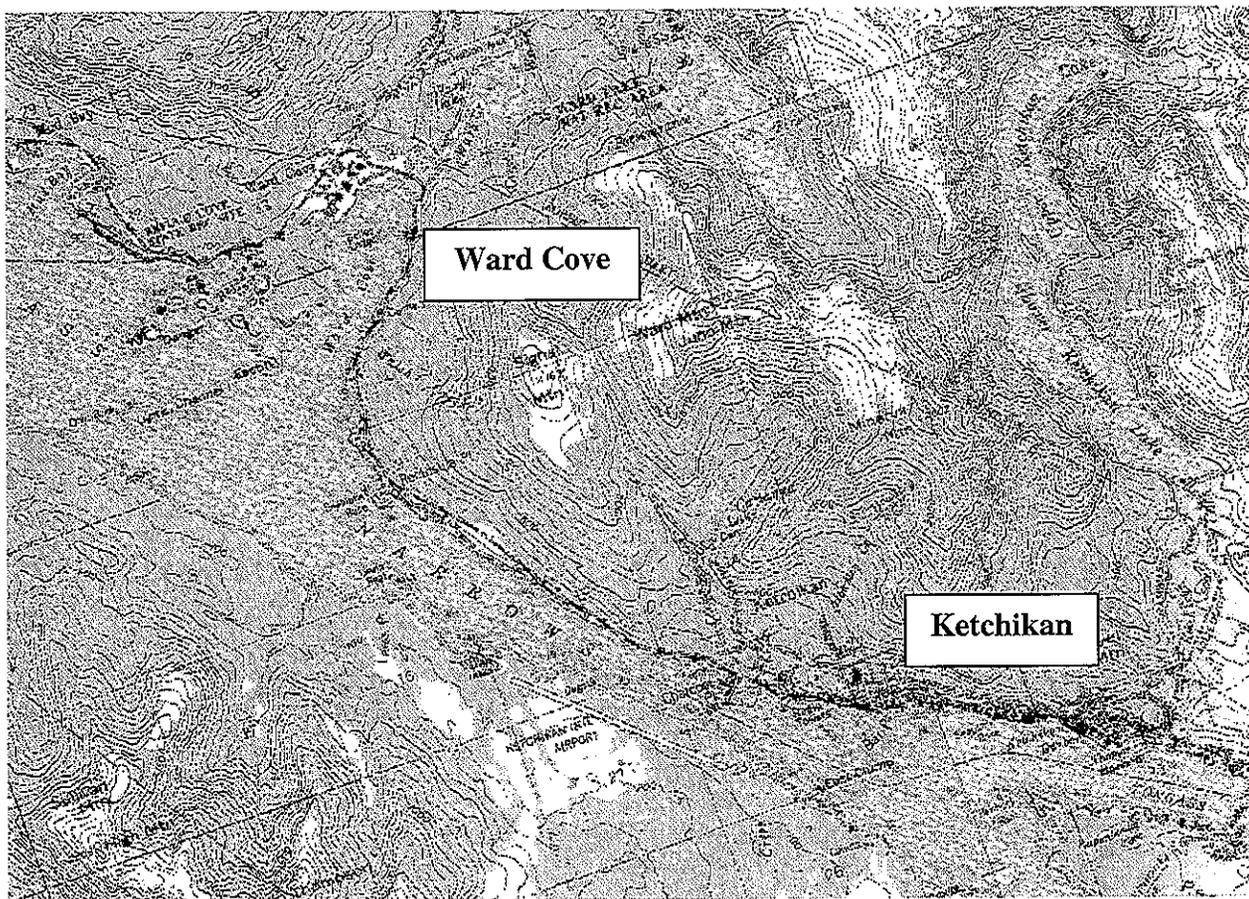
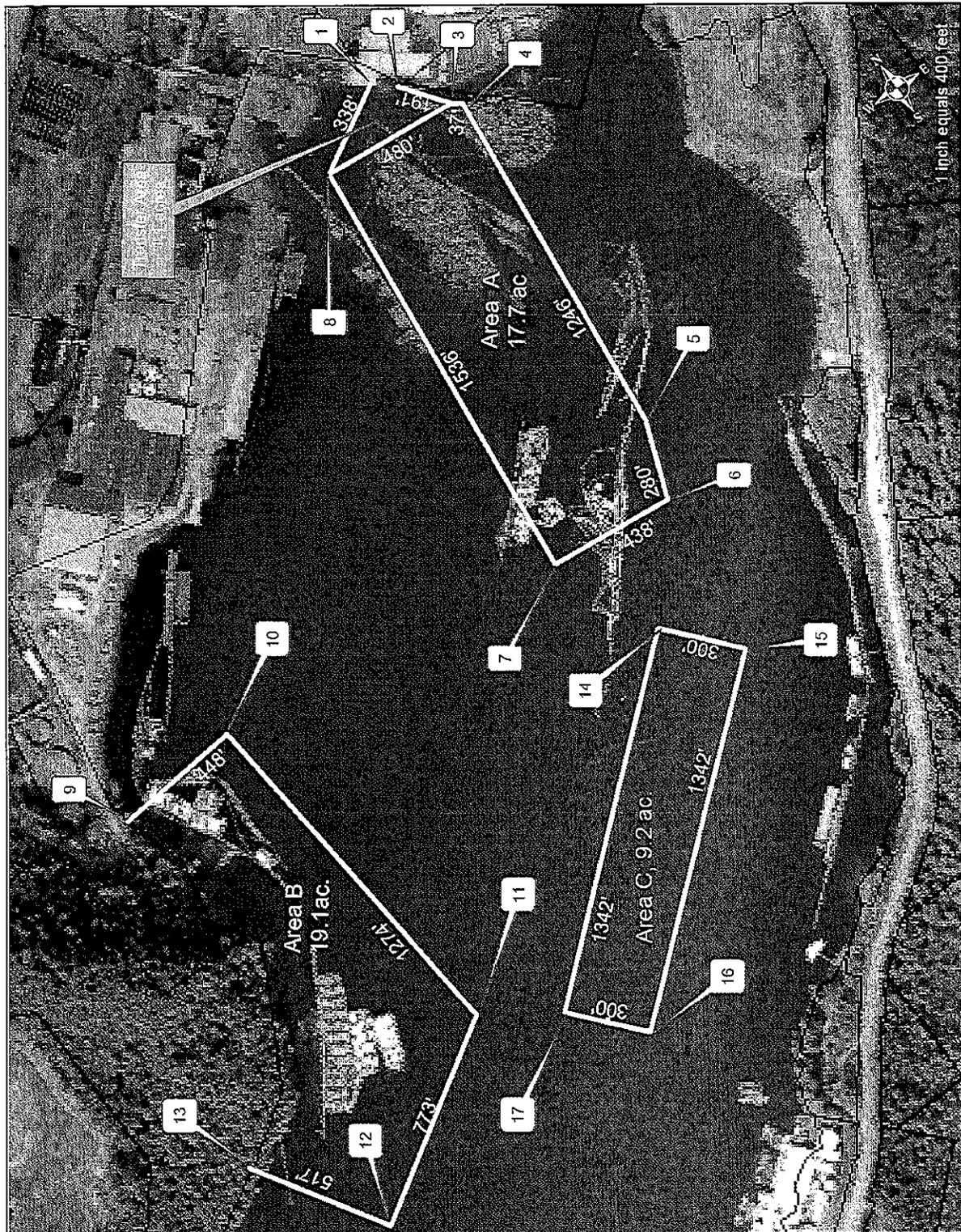


FIGURE 2

PROJECT AREA, WARD COVE LOG TRANSFER FACILITY



**FIGURE 3**

**GPS POINTS FOR PROJECT AREA, WARD COVE LOG TRANSFER FACILITY**

<u>Point</u>	<u>NAD 27</u>	<u>NAD 83</u>
1.	55 24 29.58000 N 131 43 15.65000 W	55 24 28.31717 N 131 43 21.71640 W
2.	55 24 28.96000 N 131 43 14.54000 W	55 24 27.69725 N 131 43 20.60643 W
3.	55 24 27.42000 N 131 43 12.57000 W	55 24 26.15742 N 131 43 08.63649 W
4.	55 24 27.19000 N 131 43 12.08000 W	55 24 25.92745 N 131 43 01.14650 W
5.	55 24 15.02000 N 131 43 4.81000 W	55 24 13.75836 N 131 43 20.87672 W
6.	55 24 01.45000 N 131 43 16.63000 W	55 24 11.18853 N 131 43 22.69674 W
7.	55 24 13.00000 N 131 43 24.16000 W	55 24 11.73829 N 131 43 30.22661 W
8.	55 24 28.02000 N 131 43 00.82000 W	55 24 26.75717 N 131 43 06.88635 W
9.	55 24 14.78000 N 131 43 53.31000 W	55 24 13.51742 N 131 43 59.37612 W
10.	55 24 15.10000 N 131 43 45.55000 W	55 24 13.83759 N 131 43 51.61623 W
11.	55 24 02.56000 N 131 43 43.89000 W	55 24 01.29865 N 131 43 49.95652 W
12.	55 23 58.69000 N 131 43 55.43000 W	55 23 57.42867 N 131 44 01.49643 W
13.	55 24 03.09000 N 131 43 59.98000 W	55 24 01.82820 N 131 44 06.04626 W
14.	55 24 09.20000 N 131 43 21.60000 W	55 24 07.93866 N 131 43 27.69673 W
15.	55 24 06.92000 N 131 43 18.33000 W	55 24 05.65893 N 131 43 24.39683 W
16.	55 23 58.58000 N 131 43 36.39000 W	55 23 57.31915 N 131 43 42.45672 W
17.	55 24 00.87000 N 131 43 39.68000 W	55 23 59.60889 N 131 43 45.74662 W

## APPENDIX 1

### REGULATIONS, ALASKA ADMINISTRATIVE CODE:

#### 18 AAC 75. Oil and Other Hazardous Substances Pollution Control

**18 AAC 75.300. Discharge or release notification; reporting requirements.** (a) Subject to (b), (c), and (g) of this section, a person in charge of a facility or operation shall notify the department by telephone, and immediately afterwards send the department a written notice by facsimile, hand delivery, or first class mail, informing the department about a discharge or release of a hazardous substance at or from the facility or operation as follows:

(1) as soon as the person has knowledge of a

(A) discharge or release of a hazardous substance other than oil;

(B) discharge or release of oil to water; or

(C) discharge or release, including a cumulative discharge or release, of oil in excess of 55 gallons solely to land outside an impermeable secondary containment area or structure; and

(2) within 48 hours after the person has knowledge of a discharge or release, including a cumulative discharge, of oil solely to land

(A) in excess of 10 gallons, but 55 gallons or less; or

(B) in excess of 55 gallons, if the discharge or release is the result of the escape or release of oil from its original storage tank, pipeline, or other immediate container into an impermeable secondary containment area or structure.

(b) A person in charge of a facility or operation shall maintain, and provide to the department monthly, a written record of each discharge or release, including a cumulative discharge or release, of one gallon to 10 gallons of oil solely to land.

(c) If a person in charge of a facility or operation has entered into an agreement with the department, as provided under AS 46.03.755(b) or AS 46.09.010(b), for the periodic reporting of a discharge or release of a hazardous substance, the terms of the agreement replace the applicable requirements of this section for the hazardous substance.

(d) After receiving notice of a discharge or release under (a) of this section, and until containment and cleanup are completed, the department will require interim reports as the department considers necessary to ascertain any threat to human health, safety, or welfare, or to the environment.

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(e) Unless the department determines that a written report is not needed for the department to ascertain any threat to human health, safety, or welfare, or to the environment, a written report must be submitted to the department within 15 days after containment and cleanup are completed or, if no cleanup occurs, within 15 days after the discharge or release. The report must be submitted to the department's Anchorage, Fairbanks, or Juneau office, whichever is nearest to the location of the discharge, unless the department specifies otherwise. The report must contain the information specified in (f) of this section.

(f) A report, record, or notification required by this section must contain, as applicable,

- (1) the date and time of the discharge or release;
  - (2) the location of the discharge or release;
  - (3) the name of the facility or operation;
  - (4) the name, mailing address, and telephone number of
    - (A) each responsible person; and
    - (B) the owner and the operator of the facility or operation;
  - (5) the type and amount of each hazardous substance discharged or released;
  - (6) factors that caused or contributed to the discharge or release;
  - (7) a description of any environmental effects of the discharge or release, or the containment and cleanup, to the extent those effects can be identified;
  - (8) a description of the containment or cleanup action taken;
  - (9) the estimated amount of
    - (A) hazardous substance cleaned up; and
    - (B) hazardous waste generated;
  - (10) the date and method of disposal or treatment of the hazardous substance, contaminated equipment, contaminated materials, contaminated soil, and contaminated water;
  - (11) a description of actions being taken to prevent another discharge or release;
- and

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(12) other information that the department requires to fully assess the cause and impact of the discharge or release, including any sampling reports and a description and estimate of any remaining contamination.

(g) Reporting under this section is not required for a discharge or release

(1) that is authorized by a valid permit issued by the department; or

(2) that is excluded from the definition of "release" under AS 46.03.826(9). (Eff. 1/22/99, Register 149; am 1/30/2003, Register 165)

Authority:	AS 46.03.020	AS 46.03.745	AS 46.04.070
	AS 46.03.050	AS 46.03.755	AS 46.09.010
	AS 46.03.710	AS 46.04.020	AS 46.09.020
	AS 46.03.740		



# ALASKA DEPARTMENT OF ENVIRONMENTAL CONSERVATION NONCOMPLIANCE NOTIFICATION

<b>GENERAL INFORMATION</b>		PERMIT # (if any):	
APPLICANT/COMPANY		FACILITY NAME	FACILITY LOCATION
PERSON REPORTING	PHONE NUMBER OF PERSON REPORTING	REPORTED HOW? (e.g. by phone)	
DATE/TIME EVENT WAS NOTICED	DATE/TIME REPORTED	NAME OF DEC STAFF CONTACTED	
VERBAL NOTIFICATION MUST BE MADE TO ADEC WITHIN 24 HOURS OF DISCOVERY			
<b>INCIDENT DETAILS (attach additional sheets, lab reports and photos as necessary)</b>			
ESTIMATED QUANTITY INVOLVED (volume or weight)			
CAUSE OF EVENT (be specific)			
PERMIT CONDITION DEVIATION (Identify each permit condition exceeded during the event).			
Parameter (e.g. BOD, pH)	Permit Limit	Exceedance (sample result)	Sample date
<b>CORRECTIVE ACTIONS</b> Attach a description of corrective actions taken to restore the system to normal operation and to minimize or eliminate chances of recurrence.			
ENVIRONMENTAL DAMAGE. <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> UNKNOWN (If yes, provide details below).			
ACTUAL/POTENTIAL IMPACT ON ENVIRONMENT/PUBLIC HEALTH (describe in detail)			
ACTIONS TAKEN TO REDUCE OR ELIMINATE ACTUAL/POTENTIAL IMPACT ON ENVIRONMENT/PUBLIC HEALTH [(describe in detail) (e.g. Supplied drinking water to nearby well owners and informed well owners not to drink from wells until further notice)].			
COMMENTS			
Based on information and belief formed after reasonable inquiry, I certify that the statements and information in and attached to this document are true, accurate, and complete.			
NAME: _____		SIGNATURE: _____	DATE: _____
FORMS MUST BE SENT TO DEC WITHIN 7 DAYS OF THE EVENT.			



# ALASKA DEPARTMENT OF ENVIRONMENTAL CONSERVATION OIL & HAZARDOUS SUBSTANCES SPILL NOTIFICATION

ADEC SPILL # 04-11-99- ____ - ____		ADEC FILE #		ADEC LC	
PERSON REPORTING		PHONE NUMBER		REPORTED HOW? Troopers      phone      fax	
DATE/ TIME OF SPILL		DATE/TIME DISCOVERED		DATE/TIME REPORTED	
LOCATION/ADDRESS		LAT.		**SUBSTANCE TYPE	
		LONG.		A) CR EHS HS NC PW UNK B) CR EHS HS NC PW UNK	
				**PRODUCT A) B)	
QUANTITY SPILLED <input type="checkbox"/> gallons <input type="checkbox"/> pounds		QUANTITY CONTAINED <input type="checkbox"/> gallons <input type="checkbox"/> pounds		QUANTITY RECOVERED <input type="checkbox"/> gallons <input type="checkbox"/> pounds	
				QUANTITY DISPOSED <input type="checkbox"/> gallons <input type="checkbox"/> pounds	
POTENTIAL RESPONSIBLE PARTY    C-Plan Holder? YES <input type="checkbox"/> NO <input type="checkbox"/>			**FACILITY TYPE		
**SOURCE OF SPILL				<input type="checkbox"/> 400 GT Vessel?	
**CAUSE OF SPILL (List Primary Cause first)				<input type="checkbox"/> Accident <input type="checkbox"/> Human Factors <input type="checkbox"/> Structural/Mechanical <input type="checkbox"/> Other	
**CLEANUP ACTIONS					
**DISPOSAL METHODS AND LOCATION					
RESOURCES AFFECTED/THREATENED (Water sources, wildlife, wells, etc.)			AIR	LAND	MARINE
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			FRESH	SURF. AREA AFFECTED	
			<input type="checkbox"/>	<input type="checkbox"/>	
COMMENTS:					

## DEC USE ONLY

SPILL NAME, IF ANY		NAMES OF DEC STAFF RESPONDING		C-PLAN MGR NOTIFIED YES <input type="checkbox"/> NO <input type="checkbox"/>	
DEC RESPONSE <input type="checkbox"/> phone follow-up <input type="checkbox"/> field visit <input type="checkbox"/> took report		CASELOAD CODE <input type="checkbox"/> First and Final <input type="checkbox"/> Open/No LC <input type="checkbox"/> LC assigned		CLEANUP CLOSURE ACTION <input type="checkbox"/> NFA <input type="checkbox"/> Monitoring <input type="checkbox"/> Transferred to CS or STP	
STATUS OF CASE (circle)    OPEN    CLOSED			DATE CASE CLOSED _____		
COMMENTS:					
REPORT PREPARED BY				DATE	