ALASKA CLEAN WATER ACTION (ACWA) NOMINATION FORM

ACWA Identification Number AK20401-407-00

Information provided by this completed Alaska's Clean Water Actions (ACWA) nomination will be added to the ACWA database for tracking water quality, water quantity, and aquatic habitat data and related information for this waterbody. It will also be used for identifying pristine waterbodies for monitoring, evaluating the effectiveness of stewardship, whether stewardship actions are needed, and for overall prioritization of ACWA stewardship actions.

The State will only be able to process the information you supply in this ACWA waterbody nomination form if you provide all mandatory information marked with a double asterisk (**). Incomplete nominations will be returned to nominees.

Please provide as much supplemental information as possible. This will assure that the State's ACWA agency reviewers adequately investigate and document the nominated portion of a waterbody. Please be as specific as possible.

Thank you for your time, assistance, and participation in the stewardship of Alaska's waterbodies.

*****Section A: Respondent Information***

RESPONDENT INFORMATION (who to contact for additional nomination form information):
**(A1) Name: Joe Cottingham **(A2)Telephone: 907-465-5306
**(A3)Date of submittal: 12/7/04
**(A4)Mailing Address (home, work, or organization): 410 Willoughby
**(A5) City: Juneau **(A6)State: AK **(A7)ZipCode: 99801
(A8)Fax Number: 907-465-5274
(A9)Email address: _____

*****Section B: Stewardship Action Requested*****

(B1) **Corrective Action** for:
- [✓] Water Quality
- [ ] Water Quantity
- [ ] Aquatic Habitat

If you checked any box in B1 above then Sections C through F of this Nomination Form must be completed.

(B2) **Monitoring** for:
- [✓] Water Quality
- [ ] Water Quantity
- [ ] Aquatic Habitat

If you checked any box above then Sections A, B, C1, C5-7, E and F of this Nomination Form must be completed.

Section C: Waterbody Description

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**(C1) NAME OF WATERBODY: Upper Fire Lake

(C2) If you are aware that more than one name has been assigned to this waterbody, please supply other names, also): _____

(C3) Fill in local, state or federal agency descriptive numbers that will assist in identifying and locating the waterbody (e.g. State of Alaska Department of Fish and Game Anadromous fish stream catalog number of stream, Alaska Department of Natural Resources Land Administrative System (LAS) number, USGS hydrologic unit number, etc.) Please identify the type(s) of identification number systems you provide):

_____

_____

(C4) Is this portion of the waterbody being nominated currently located in a national or state park, monument, refuge, preserve, or similar state, federal or local area?

[ ]Yes [✓]No Don't Know [ ]

Name(s): _____

(C5) Exact Location(s) of Waterbody nominated (detailed description and, if known, latitude and longitude):

61.353°N
149.529°W

AND

**Attach US Geological Survey map of 1:63360 or 1:24000 scale or a similar map of equal or better detail and mark the exact location(s) on the map to illustrate the nominated portions of the waterbody. Several websites such as TOPOZONE (http://www.topozone.com/) are available to assist in providing maps. If you don't have access to a map, make contact with the State resource agency office nearest you for assistance.

(C6)Waterbody Type:

[ ] River/Stream
[✓] Lake/Pond
[ ] Fresh Wetland
[ ] Tidal Wetland
[ ] Estuary
[ ] Coastal Shoreline
[ ] Bay, Inlet, Sound, etc.(marine)
[ ] Groundwater

(C7)Waterbody Segment or Specific Location(s) /Point(s) (also illustrate on attached map or figure)

From: _____

To: _____

Other Description(s): _____

Length of Segment: Entire Lake

Section D: Waterbody Issues and Concerns

This section of the nomination form explores the issues or concerns you have with the waterbody. Please fill out the following sections.

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**(D1) DO YOU HAVE CONCERNS ABOUT WATER QUALITY (POLLUTION?)
[✓] Yes / [ ] No

If yes, the following question must be completed. If no, please skip to Question D3.

**(D2) MARK THE TYPE OF POLLUTANTS YOU SUSPECT ARE PRESENT IN THE WATERBODY (Using Severity Ratings: H=High, M=Medium, L=Low). If you know more details about the pollutant type, please write it in the space below.

POLLUTANTS:

__ 0 Cause unknown
__ 1 Unknown toxicity
__ 4 Nonpriority organics:
__ 5 Metals:
__ 2 Pesticides:
__ 3 Priority organics:
__ 6 Ammonia
__ 7 Chlorine
__ 8 Other inorganics
✓ 9 Nutrients
__ 10 pH
✓ 11 Siltation/sedimentation
__ 12 Low dissolved oxygen structure
__ 13 TDS/Salinity/Chlorides
__ 14 Temperature Modifications
__ 15 Flow alterations
__ 16 Other habitat alterations
__ 17 Pathogens
__ 18 Radiation
✓ 19 Oil and Grease
__ 20 Taste and odor
__ 21 Suspended solids
__ 22 Noxious aquatic plants
✓ 23 Filling and draining
__ 24 Total toxics
__ 25 Turbidity/sediment
__ 26 Exotic species
__ 27 Debris, foam, scum, etc.
__ 28 Insufficient stream
__ 29 Arsenic

__ 30 Other: _____

**(D3) DO YOU HAVE CONCERNS ABOUT WATER QUANTITY (TOO MUCH OR TOO LITTLE?) [ ] Yes / [✓] No

If yes, the following questions must be completed. If no, please skip to Question D5.

**(D4) WHAT ARE YOUR CONCERNS ABOUT WATER QUANTITY?

[ ]Insufficient Water volume, depth, and/or velocities, due to:

[ ]Out-of-waterbody withdrawal for consumptive use

[ ]Ground water withdrawal for consumptive use

[ ]Man-made diversion

[ ]Man-made impoundment

[ ]Other

Explain:_____

_____

[ ]Excessive Water volume, depth, and/or velocities, due to:

[ ]Man-made diversion

[ ]Man-made impoundment

[ ]Flooding caused by human activities

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[ ]Channel variation

[ ]Other

Explain:_____

_____

**(D5) DO YOU HAVE CONCERNS ABOUT AQUATIC HABITAT? [ ] Yes / [✓] No

If yes, the following questions must be completed. If no, please skip to Question D7.

**(D6) WHAT ARE YOUR CONCERNS ABOUT AQUATIC HABITAT? Provide details in the space provided.

[ ] Loss of Rearing Habitat_____

[ ] Exotic Species _____

[ ] Loss of Spawning Habitat_____

[ ] Loss of Vegetation_____

[ ] Low Flow (*also answer D3 and D4*) _____

[ ] Low Dissolved Oxygen _____

[ ] Prevention of Fish Passage_____

[ ] Sedimentation_____

[ ] Streambank Erosion_____

[ ] Temperature Modification _____

[ ] Water quality degradation *(also answer D1 and D2)*_____

[ ] Other_____

***Section E: Uses and Sources*

**(E1) MARK THE USES FOR THE WATERBODY OF WHICH YOU ARE AWARE.

[✓] Fresh water	[ ] Marine Water
[ ] Water Supply:	[ ] Water Supply:
[ ] Drinking, culinary and food processing	[ ] Aquaculture

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[ ] Agriculture, including irrigation and stock watering	[ ] Seafood Processing
[ ] Aquaculture	[ ] Industrial
[ ] Industrial	[ ] Water Recreation:
[✓] Water Recreation:	[ ] Contact Recreation
[ ] Contact recreation	[ ] Secondary Recreation
[ ] Secondary recreation	[ ] Growth & propagation of fish, shellfish other aquatic life and wildlife
[✓] Growth & propagation of fish, shellfish other aquatic life and wildlife	[ ] Harvesting for consumption of raw mollusks or other raw aquatic life

**(E2) MARK THE SOURCES YOU SUSPECT ARE CAUSING IMPACT TO WATER QUALITY, WATER QUANTITY, or AQUATIC HABITAT (Using Severity Ratings: H= High, M= Medium, L=Low). Provide details in the space provided.

Point Sources:
__ 1 Industrial
__ 2 Municipal
__ 3 Storm sewers
__ 4 Combined sewers

Agriculture:
__ 11 Non-irrigated crop production
__ 12 Irrigated crop production
__ 13 Specialty crop production
__ 14 Pasture land
__ 15 Range land
__ 16 Feedlots
__ 17 Aquaculture
__ 18 Animal waste/holding areas
__ 19 Manure lagoons

Silviculture:
__ 20 Timber harvest
__ 21 Stream restoration projects
__ 22 Forest management
__ 23 Road construction/maintenance
__ 24 Elimination of stream thermal cover

Construction:
✓ 30 Highway/road
__ 31 Bridge construction/repair
✓ 32 Land development

Resource Exploration/extraction:
__ 51 Surface mining
__ 52 Subsurface mining
__ 53 Placer mining
__ 54 Dredge mining
__ 55 Petroleum activities
__ 56 Mill tailings
__ 57 Mine tailings
__ 58 Gravel mining
__ 59 Injection wells

Urban Runoff:
✓ 40 Surface runoff

✓ 41 Storm sewers

Waste Disposal:
__ 61 Sludge
__ 62 Wastewater
__ 63 Landfills
__ 64 Industrial land treatment
✓ 65 Onsite wastewater systems

__ 66 Hazardous waste
__ 67 Sewage disposal

Hydrologic Modification:
__ 71 Stream channelization
__ 72 Dredging
__ 73 Dam construction
__ 74 Flow regulation/modification
__ 75 Bridge construction
__ 76 Removal or modification of riparian vegetation
__ 77 Streambank modification
__ 78 Draining/filling of wetlands
__ 79 Surface water flow/volume regulation, withdrawal

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__ 80 Subsurface water withdrawal

Other:

__ 81 Atmospheric deposition
__ 82 Waste storage tank leaks
✓ 83 Highway maintenance/runoff
✓ 84 Petroleum/chemical spills, leaks
__ 85 In-place containments
__ 86 Natural sources
__ 87 Recreational activities diversion (rivers, lakes, other wetlands)
__ 88 Upstream impoundment
__ 89 Salt storage sites
__ 91 Fire damage/restoration
__ 92 Underground storage tanks
__ 93 Aboveground storage tanks
__ 94 Saltwater intrusion
__ 95 Road salting
__ 96 Fish, shellfish wastes
__ 90 UNKNOWN SOURCE

***Section F: Documentation*

**(F1) WHAT SUPPORTING DOCUMENTATION DO YOU HAVE FOR THIS NOMINATION (WATER QUALITY, WATER QUANTITY, AND/OR AQUATIC HABITAT CONCERNS)?

[✓] Monitoring Data
*Is data presented in a report? [ ]Yes/[ ]No **If yes, you must complete report details in **F2** below.*

[ ] Notice of Violation [NOV]/Enforcement Action
***If checked you must provide date of NOV and other details.*_____
_____

[ ] Observation
What type of documentation do you have for your observation?
[ ] Photos [ ] Field Notes [ ] Other
*If yes, you must reference details below regarding your observation(s) and submit copies with nomination.*_____
_____

[✓] Report
*If yes, you must complete report details in **F2** below, including title(s), type(s), author(s), and date(s).*

[ ] Other
*If checked, you must describe.*_____
_____
_____
_____

(F2) IF REFERENCING REPORTS, PLEASE PROVIDE REPORT TITLES, AUTHORS, AND DATES. There is room provided below for five reports. If additional reports are referenced, please list them in question **F3 below. If the report(s) have a specific type (e.g., 1989 Nonpoint source pollution report, Anchorage daily news article, email, etc.), please note that under Report Type.

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Title (1) USGS DATA
Report Type (1) Monitoring
Author (1) USGS Date(1) 6/3/75

Title (2) AWQ File
Report Type (2) Report
Author (2) ADEC Date(2) 9/1/89

Title (3) _____
Report Type (3) _____
Author (3) _____ Date(3) _____

Title (4) _____
Report Type (4) _____
Author (4) _____ Date(4) _____

Title (5) _____
Report Type (5) _____
Author (5) _____ Date(5) _____

**(F3) IF YOU HAVE ANY OTHER COMMENTS OR FURTHER DESCRIPTIONS, PLEASE PROVIDE THEM IN THE SPACE BELOW.

Thank you for participating in Alaska's Clean Water Actions program!