

# STATE OF ALASKA

## DEPT. OF ENVIRONMENTAL CONSERVATION

### DIVISION OF ENVIRONMENTAL HEALTH DRINKING WATER PROGRAM

<http://www.state.ak.us/dec/deh/>

FRANK H. MURKOWSKI, GOVERNOR

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July 7, 2005

File: Igiugig  
PWSID: 260812

Jason Crownholm, EIT  
Alaska Native Tribal Health Consortium  
Division of Environmental Health & Engineering  
Igiugig Water & Sewer Project  
1901 S Bragaw St., Ste 200  
Anchorage, AK 99508-3440

Re: Final Approval to Operate  
Igiugig Water/Sewer Project AN 92-686, Class A Public Water System

Dear Mr. Crownholm:

On June 23, 2005 this office received ANTHC's submittal addressing the conditions for final approval to operate listed in my May 31, 2005 letter. The following was included in your submittal:

1. Calculations showing the water system has sufficient capacity to meet peak system demand while maintaining at least 20 psi service pressure.
2. A statement specifying the water mains are constructed out of NSF 61 compliant HDPE pipe.
3. A waiver request for the 10-foot separation distance requirement between the water and sewer mains in three separate sections for a total of approximately 500 feet. The separation distance requirement for these three sections was not met due to limited space. The two 2-inch HDPE water distribution lines are encased within an insulated 6-inch arctic pipe. The sewer and water mains are buried in separate trenches and the water main is greater than 18 inches above the sewer main at all times. Based on this information, the waiver is granted.
4. Correspondence indicating a separation distance waiver was requested and granted for the lift station located 120 feet away from the well. Although correspondence specifically from ADEC granting the waiver cannot be found, it is apparent the waiver was granted and the lift station was constructed to be protective of public health based on the supplied documents and description of construction.

Based on the information submitted, final operational approval is granted.

Any person who disagrees with this decision may request an adjudicatory hearing in accordance with 18 AAC 15.195- 18 AAC 15.340 or an informal review by the Division Director in accordance with 18 AAC 15.185. **Informal review requests** must be delivered to the Division Director, 555 Cordova St., Anchorage, Alaska 99501, within 15 days of the permit decision. **Adjudicatory hearing requests** must be delivered to the Commissioner of the Department of Environmental Conservation,

Final Operational Approval, Igiugig

410 Willoughby Avenue, Suite 303, Juneau, Alaska 99801, within 30 days of the permit decision. If a hearing is not requested within 30 days, the right to appeal is waived.

If you have any questions regarding this plan review, please contact me at 269-3076.

Thank you,



Sarah Rygh, EIT  
Environmental Engineer Assistant

enc: Construction and Operation Certificate for Public Water Systems

cc: David Edmunds, ADEC/EH/DW Program

Bill Rieth, ADEC/Water/WW Program

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STATE OF ALASKA

DEPARTMENT OF ENVIRONMENTAL CONSERVATION

CONSTRUCTION AND OPERATION CERTIFICATE

for

PUBLIC WATER SYSTEMS

9525 DW 231 005  
9536 WW 389 010

*Igiugig Water System*

260812

A. APPROVAL TO CONSTRUCT

Plans for the construction or modification of I GIUGIG SANITATION FACILITIES  
(AN-92-686) (STEPHEN BOLAN, DES. ENGR.) public water system located  
in I GIUGIG, Alaska, submitted in accordance with 18 AAC 80.100  
by PMS/IHS have been reviewed and are

approved.

conditionally approved (see attached conditions).

BY [Signature] TITLE ADEL WOOD DIST. ENGR. DATE 19 DEC 94

If construction has not started within two years of the approval date, this certificate is void and new plans and specifications must be submitted for review and approval before construction.

B. APPROVED CHANGE ORDERS

Change (contract order no. or descriptive reference) Approved by Date

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

C. APPROVAL TO OPERATE

The "APPROVAL TO OPERATE" section must be completed and signed by the Department before any water is made available to the public.

The construction of the \_\_\_\_\_ public  
water system was completed on \_\_\_\_\_ (date). The system is hereby  
granted interim approval to operate for 90 days following the completion date.

BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

As-built plans submitted during the interim approval period, or an inspection by the Department, has confirmed the system was constructed according to the approved plans. The system is hereby granted final approval to operate.

BY [Signature] TITLE Environmental Engineer Asst II DATE 7/7/05

- DISTRIBUTION: 1. WHITE - ENGINEER (Complete Section C)
- 2. YELLOW - WATER SYSTEM FILE (Complete Section C)
- 3. PINK - ENGINEER/MUNI-BOROUGH (Complete Section C)
- 4. GOLDENROD - MUNI-BOROUGH (Complete Section A)