

# **LOUSSAC LIBRARY BUILDING COOLING WELL**

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## **Water Rights Application**

**Water Resources Section  
Division of Mining, Land and Water  
Alaska Department of Natural Resources  
550 W. 7th Ave., Ste 1020  
Anchorage, AK 99501-3562**

**Prepared by:**

**HDR Alaska, Inc.  
2525 C Street, Suite 305  
Anchorage, AK 99503**

**August 20, 2010**



ONE COMPANY | *Many Solutions*<sup>SM</sup>

...

August 20, 2010

Kristina Plett  
Natural Resource Specialist III  
Alaska Department of Natural Resources  
550 W. 7th Ave., Ste 1020  
Anchorage, AK 99501-3579

Dear Mrs. Plett:

The purpose of this letter is to request Water Rights Adjudication for the well that supplies water for the Loussac Library's building cooling system.

Please review the attached application packet. Included in the packet are the following items:

- Water Rights Application
- Coastal Project Questionnaire

The application fee has already been paid over the phone via credit card.

If you have questions or comments, please contact me at 907-644-2029 or [jessica.sayers@hdrinc.com](mailto:jessica.sayers@hdrinc.com).

Sincerely,



Jessica Sayers, E.I.T.  
Project Manager

CC: Michael Fleagle, Loussac Library Facility Maintenance Supervisor

## Walton, Michael L (DNR)

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**From:** Postmaster  
**Sent:** Wednesday, October 27, 2010 10:36 AM  
**To:** Walton, Michael L (DNR)  
**Subject:** Delivery Status Notification (Relay)

**Attachments:** ATT38943.txt; RE: Loussac Library Water Rights



ATT38943.txt (582 RE: Loussac Library  
B) Water Righ...

This is an automatically generated Delivery Status Notification.

Your message has been successfully relayed to the following recipients, but the requested delivery status notifications may not be generated by the destination.

Jessica.Sayers@hdrinc.com  
FleagleMR@ci.anchorage.ak.us

**Walton, Michael L (DNR)**

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**From:** Walton, Michael L (DNR)  
**Sent:** Wednesday, October 27, 2010 10:36 AM  
**To:** 'Sayers, Jessica'  
**Cc:** 'FleagleMR@ci.anchorage.ak.us'  
**Subject:** RE: Loussac Library Water Rights

Jessica,

A \$900.00 credit card payment was made through the DNR Public Information Center on September 8, 2010, which was for the Loussac Library Application for Water Right. I will mail a copy of that fee receipt today to the attention of Michael Fleagle at the address listed on the Application for Water Right. The Application for Water Right was date stamped August 20, 2010, which is the priority date (assuming the application is otherwise complete for filing). The Water Resources Section is short staffed and has a backlog of water right applications, so it not currently known when the Loussac Library Application for Water Right will be processed. The use of the well water for cooling the Loussac Library is currently authorized by Temporary Water Use Authorization TWUP A2010-95, which doesn't expire until September 21, 2015.

Michael Walton  
NRM II  
Alaska DNR, DML&W, Water Resources Section

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**From:** Sayers, Jessica [mailto:Jessica.Sayers@hdrinc.com]  
**Sent:** Tuesday, October 26, 2010 4:46 PM  
**To:** Walton, Michael L (DNR)  
**Subject:** Loussac Library Water Rights

Hi Mike,

I received a phone call from Krissy Pletts today and she indicated that you will be in charge of the Loussac Library case file.

I was wondering if you guys ever received payment for the water rights application. The client indicated that he paid \$900 by phone in form of credit card, but has not received a receipt for this.

Also, have we received a spot in the water rights queue, been given a priority number or what have you?

Please let me know if you need anything from us.

Thanks!

**Jessica Sayers**  
Water Resources EIT, LEED AP



2525 C Street, Suite 305 | Anchorage, AK | 99503-2632  
Phone: 907.644.2029 | Fax: 907.644.2022 | Email: [jessica.sayers@hdrinc.com](mailto:jessica.sayers@hdrinc.com)  
[www.hdrinc.com](http://www.hdrinc.com)

10/27/2010

## Department of Natural Resources – Anchorage Mailroom Services

Juneau - Daily Pouch	Anchorage - Atwood Building Suites	Anchorage - Daily Run	
<input type="checkbox"/> Commissioner/Deputy Comm <input type="checkbox"/> Legislative Liaison  <b>Support Services</b> <input type="checkbox"/> Director <input type="checkbox"/> Fiscal <input type="checkbox"/> Records Office  <b>Southeast Region</b> <input type="checkbox"/> Forestry <input type="checkbox"/> Mining, Land & Water <input type="checkbox"/> Parks <input type="checkbox"/> DCOM/Ak Coastal Mgt Prog (302 Gold Street Suite 202)  <b>Separate daily Juneau pouch to:</b> <input type="checkbox"/> DOA Div of Personnel (801 W 10 <sup>th</sup> Street Suite B)  <b>Fairbanks - NRO</b> <i>Tuesday &amp; Thursday Pouch</i> <input type="checkbox"/> Forestry <input type="checkbox"/> Mining, Land & Water <input type="checkbox"/> OPMP <input type="checkbox"/> Parks <input type="checkbox"/> Public Information Center	<b>Office of the Commissioner</b> <input type="checkbox"/> Commissioner – Ste 1400 <input type="checkbox"/> Deputy Commissioner – Ste 1400 <input type="checkbox"/> EVOS – Ste 1400 <input type="checkbox"/> Public Information Center – Ste 1260  <b>Division of Coastal Management</b> <input type="checkbox"/> DCOM/Ak Coastal Mgt Prog – Ste 705  <b>Office of Project Mgt &amp; Permitting</b> <input type="checkbox"/> OPMP/Large Proj Permit – Ste 1430  <b>Forestry – Ste 1450</b> <input type="checkbox"/> Administration <input type="checkbox"/> Resource  <b>Mining, Land &amp; Water</b> <input type="checkbox"/> Director/Admin/Prog Supp – Ste 1070 <input type="checkbox"/> Contract Administration – Ste 640 <input type="checkbox"/> Realty Services – Ste 1050A <input type="checkbox"/> Resource Assessmnt & Dev – Ste 1050 <input type="checkbox"/> Southcentral Region – Ste 900 <input type="checkbox"/> Surveys/Appraisals/IT – Ste 650 <input type="checkbox"/> Mine Prop & Permitting/Surface Coal - Ste 930 & Ste 920 <input type="checkbox"/> PAAD – Ste 1420 <input checked="" type="checkbox"/> Water Management – Ste 1020	<b>Oil &amp; Gas</b> <input type="checkbox"/> Director/Dep/Admin/Fiscal-Ste 1100 <input type="checkbox"/> Lease Admin/Sales – Ste 800 <input type="checkbox"/> Resource Evaluation – Ste 800 <input type="checkbox"/> Royalty Accounting – Ste 1100 <input type="checkbox"/> PSIO/Permitting – Ste 800 <input type="checkbox"/> Commercial – Ste 1100 <input type="checkbox"/> Audit – Ste 1100 <input type="checkbox"/> Units – Ste 1100  <b>Parks &amp; Outdoor Recreation</b> <input type="checkbox"/> Director/Admin/Grants – Ste 1380 <input type="checkbox"/> Design & Construction – Ste 1340 <input type="checkbox"/> History & Archaeology – Ste 1310 <input type="checkbox"/> Office of Boating Safety – Ste 1380  <b>Support Services</b> <input type="checkbox"/> Procurement/Property/Mailroom - Ste 1230 <input type="checkbox"/> Financial Services – Ste 1410 <input type="checkbox"/> LRIS – Ste 706 <input type="checkbox"/> Recorder's Office – Ste 1200 <input type="checkbox"/> Archives – Ste 1210 <input type="checkbox"/> UCC – Ste 1200A  <input type="checkbox"/> DOA Personnel (Suite 1660)	<input type="checkbox"/> Anchorage Data Center <input type="checkbox"/> Attorney General's Office <input type="checkbox"/> JPO/SPCO (411 W 4 <sup>th</sup> Ave) <input type="checkbox"/> TLO (718 L St Ste 202)  <b>Daily Mail – as needed</b> <i>2 - 3 day delivery</i>  <b>Palmer</b> <input type="checkbox"/> Agriculture (1800 Glenn Hwy Suite 12)  <input type="checkbox"/> Forestry – MatSu District/ Coastal Reg/SW Area Office (101 Airport Rd)  <hr/> <b>Documents and items going to any other address must be prepared for First Class outgoing mail.</b>

ATTENTION: Krisny Plett COMMENTS: \_\_\_\_\_

Approve  
  Signature  
  Necessary Action  
  Your Information  
  File  
  Reply Direct  
  Contact Me  
  Return  
 FROM: Leanne PH # \_\_\_\_\_ DIVISION/SECTION: 81C DATE: 9/8/10 (Rev 3/09)

STATE OF ALASKA  
DEPARTMENT OF NATURAL RESOURCES  
SUPPORT SERVICES DIVISION  
FINANCIAL SERVICES SECTION  
550 W 7TH AVE SUITE 1410  
ANCHORAGE AK 99501-3561  
(907) 269-8500

REC DATE - AGREEMENT NUMBER -- CUST NO RECEIPT DESCRIPTION  
09/08/2010 3164104 WATER FILING FEES

BANKCARD TYPE/NUMBER	8911	CASH AMOUNT	\$0.00
		RECEIPTED AMOUNT	\$900.00

REMITTER: MICHAEL FLEAGLE  
3640 E TUDOR RD  
ANCHORAGE AK 99507

COMMENTS: LQ-LOUSAC LIBRARY WATER RIGHT

RECEIPT - DO NOT PAY



**Walton, Michael L (DNR)**

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**From:** Sayers, Jessica [Jessica.Sayers@hdrinc.com]  
**Sent:** Wednesday, October 27, 2010 12:46 PM  
**To:** Walton, Michael L (DNR)  
**Subject:** RE: Loussac Library Water Rights

Perfect.

Thanks, Mike!

**Jessica Sayers**  
Water Resources EIT, LEED AP

---

**From:** Walton, Michael L (DNR) [mailto:michael.walton@alaska.gov]  
**Sent:** Wednesday, October 27, 2010 10:36 AM  
**To:** Sayers, Jessica  
**Cc:** FleagleMR@ci.anchorage.ak.us  
**Subject:** RE: Loussac Library Water Rights

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Michael Walton  
NRM II  
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10/27/2010

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**Jessica Sayers**  
Water Resources EIT, LEED AP



2525 C Street, Suite 305 | Anchorage, AK | 99503-2632  
Phone: 907.644.2029 | Fax: 907.644.2022 | Email: [jessica.sayers@hdrinc.com](mailto:jessica.sayers@hdrinc.com)  
[www.hdrinc.com](http://www.hdrinc.com)

DIVISION OF MINING, LAND AND WATER  
**WATER RESOURCES SECTION**

[www.dnr.state.ak.us/mlw/water/index.htm](http://www.dnr.state.ak.us/mlw/water/index.htm)



Anchorage Office 550 West 7 <sup>th</sup> Avenue, Suite 1020 Anchorage, AK 99501-3562 (907) 269-8600 Fax: (907) 269-8947	Juneau Office PO Box 111020 400 Willoughby Avenue Juneau, AK 99811-1020 (907) 465-3400 Fax: (907) 586-2954	Fairbanks Office 3700 Airport Way Fairbanks, AK 99709 (907) 451-2790 Fax: (907) 451-2703	For ADNR Use Only DEPT. OF NATURAL RESOURCES Date/Time Stamp <b>AUG 20 2010</b> WATER RESOURCES SECTION ANCHORAGE
For ADNR Use Only LAS # 29205	For ADNR Use Only CID # 45174	For ADNR Use Only Receipt Type WR	

**APPLICATION FOR WATER RIGHT**

<p><b>INSTRUCTIONS</b></p> <ol style="list-style-type: none"> <li>Complete one application for each water source (incomplete applications will not be accepted).</li> <li>Attach copy of executed deed, lease agreement, or other possessory interest document for property where water will be used (applicant must own, lease, or obtain written authorization to use water on property).</li> <li>Attach copy of legal access document (e.g. right-of-way, easement, permit) or application for legal access to water withdrawal point and transport route, if applicable, or copy of request or application for legal access to water withdrawal point.</li> <li>Attach driller's well log for drilled wells (if already drilled and available).</li> <li>Attach sketch, photos, plans of water system, or project description (if applicable).</li> <li>Attach legible map that includes meridian, township, range, and section lines such as a subdivision plat, USGS topographical quadrangle, or borough tax map. Indicate location of water withdrawal, route of water transmission, water use area boundary, points of water use within boundary, and point of water return flow (if applicable).</li> <li>Attach copy of approved ADEC water and wastewater system certificate (if applicable).</li> <li>Attach copy of ADNR fish habitat permit (if applicable).</li> <li>Attach notarized Statement of Beneficial Use of Water form and associated fee, if water system and water use are fully developed, and total water use does not exceed 500 gallons of water per day.</li> <li>Attach completed Coastal Project Questionnaire (if applicable - see page 4).</li> <li>Submit non-refundable fee (see page 4).</li> </ol>
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<b>APPLICANT INFORMATION</b>			
Municipality of Anchorage	HDR Alaska, Inc.		
Organization Name (if applicable)	Agent or Consultant Name (if applicable)		
Loussac Library Facility Maintenance, Mr. Michael Fleagle	Jessica Sayers		
Individual Applicant Name (if applicable)	Individual Co-applicant Name (if applicable)		
3640 E. Tudor Road, Warehouse #1	Anchorage	AK	99507
Mailing Address	City	State	Zip Code
Michael Fleagle: 907-343-8248	Jessica Sayers: 907-644-2029		
Daytime Phone Number	Alternate Phone Number (optional)		
	FleagleMR@ci.anchorage.ak.us; jessica.sayers@hdrinc.com		
Fax Number (if available)	E-Mail Address (optional)		

PROPERTY DESCRIPTIONS							
<b>Location of Water Use</b>							
Subdivision Name or Survey Number	Lot, Block, or Tract	Meridian	Township	Range	Section	Quarter Sections	
Z.J. Loussac Library Subdivision	Track 1	SEWARD	13N	3W	30	NW ¼	SE ¼
<b>Location of Water Source</b>							
Subdivision Name or Survey Number	Lot, Block, or Tract	Meridian	Township	Range	Section	Quarter Sections	
Z.J. Loussac Library Subdivision	Track 1	SEWARD	13N	3W	30	NW ¼	SE ¼
<b>Location of Water Return Flow or Discharge (if applicable)</b>							
Geographic Name of Water Body or Well Depth		Meridian	Township	Range	Section	Quarter Sections	
Z.J. Loussac Library Subdivision, Track 1 (138' deep)		SEWARD	13N	3W	30	NW ¼	SE ¼

WATER SOURCE				
<b>Ground Water</b>				
Type (e.g. drilled, dug)	Total Depth (in feet)	Static Water Level (in feet)	Date Completed	Well Production Capacity
Drilled	138	+8"	10-09-06	612 GPM
<b>Surface Water</b>				
Type (e.g. stream, lake, spring)		Geographic Name (if named)		

METHOD OF TAKING WATER (IF KNOWN)	
<b>Pump</b>	Pump Intake <u>6</u> Inches      Hours Working <u>8</u> Hours/Day Pump Output <u>612</u> GPM      Length of Pipe <u>160</u> Feet (from pump to point of use)
<b>Gravity</b>	Pipe Diameter _____ Inches      Length of Pipe _____ Feet (take point to point of use) Head _____ Feet
<b>Ditch</b>	L _____ H _____ W _____ Feet      Diversion Rate _____ <input type="checkbox"/> GPM or <input type="checkbox"/> CFS
<b>Reservoir</b>	L _____ H _____ W _____ Feet      Water Storage _____ AF
<b>Dam</b>	L _____ H _____ W _____ Feet      Water Storage _____ AF

AMOUNT OF WATER							
Common Water Uses and Standard Amounts							
Type of Use	How Many		Standard Amounts		Total Amount Requested	Months of Use	
						Begin	End
Fully Plumbed Single-family Home (includes irrigation of 10,000 sq. ft.)	# _____ Homes	X	500 GPD	=			
Partially Plumbed Single-family Home (no hot water heater)	# _____ Homes	X	250 GPD	=			
Unplumbed Single-family Home (hand carry water)	# _____ Homes	X	75 GPD	=			
Duplex or Triplex	# _____ Bldgs.	X	1000 GPD	=			
Four-plex and Larger Housing	# _____ Units	X	250 GPD	=			
Motel or Resort	# _____ Rooms	X	150 GPD	=			
Work Camps	# _____ People	X	50 GPD	=			
Domestic Irrigation	# _____ Sq. ft.	X	250 GPD per 10,000 Sq. ft.	=			
Non-domestic Irrigation	# _____ Acres	X	0.5 AFY	=			
Other Water Uses							
Type of Use	How Many		Amount		Total Amount Requested	Months of Use	
						Begin	End
		X		=			
		X		=			
Type of Use					Total Amount Requested	Months of Use	
						Begin	End
Building Cooling Water					350,000 GPD	April 1	Nov 1

Expected date for water system and water use to be fully developed *or* date when existing use started 10-09-2006.  
 Note: Pursuant to AS 46.15.180(a)(1). Crimes, a person may not construct works for an appropriation, or divert, impound, withdraw, or use a significant amount of water from any source without a permit, certificate of appropriation, or authorization issued under this chapter.

11 AAC 93.040 sets out the required information on an application for a water right. 11 AAC 93.050 authorizes the commissioner to decide what additional information is needed to process an application for a water right. This information is made a part of the state public water records and becomes public information under AS 40.25.110 and 40.25.120. Public information is open to inspection by you or any member of the public. A person who is the subject of the information may challenge its accuracy or completeness under AS 44.99.310, by giving a written description of the challenged information, the changes needed to correct it, and a name and address where the person can be reached. False statements made in an application for a benefit are punishable under AS 11.56.210.

**SIGNATURE**

The information presented in this application is true and correct to the best of my knowledge. I understand that per 11 AAC 93.040 and 11 AAC 93.050 additional information may be required by the department to adjudicate this application. Failure to provide requested information could result in this file being closed.

  
\_\_\_\_\_  
Signature

**Jessica Sayers**  
\_\_\_\_\_  
Name (please print)

**08-20-2010**  
\_\_\_\_\_  
Date

**Project Manager**  
\_\_\_\_\_  
Title (if applicable)

**REFERENCES**

**Measurement Units**

- GPD = gallons per day
- CFS = cubic feet per second
- GPM = gallons per minute
- AF = acre-feet
- AFY = acre-feet per year (325,851 gallons/year)
- AFD = acre-feet per day (325,851 gallons/day)
- MGD = million gallons per day

**Conversion Table**

5,000 GPD=	30,000 GPD=	100,000 GPD=	500,000 GPD=	1,000,000 GPD=
0.01 CFS	0.05 CFS	0.2 CFS	0.8 CFS	1.5 CFS
3.47 GPM	20.83 GPM	69.4 GPM	347.2 GPM	694.4 GPM
5.60 AFY	33.60 AFY	112.0 AFY	560.1 AFY	1120.1 AFY
0.2 AFD	0.09 AFD	0.3 AFD	1.5 AFD	3.1 AFD
0.01 MGD	0.03 MGD	0.1 MGD	0.5 MGD	1.0 MGD

**Fees required by regulation 11 AAC 05.010(a)(8)**

- **\$100** for one single-family residence or duplex, or for water use associated with one single-family residence or duplex
  - **\$1,200** for activities related to oil and gas and associated substances
  - **Fee varies** for activities related to locatable minerals, unless the application is filed under 11 AAC 05.010(a)(9)(E)(i) or (9)(F)(i) - *contact Water Resources Section for pre-application meeting*
  - **Fee varies** for hydroelectric power generation - *contact Water Resources Section for pre-application meeting*
  - **Fee varies** for water removal out of a hydrologic unit under AS 46.15.035 or 46.15.037 - *contact Water Resources Section for pre-application meeting*
  - **\$200** for 5,000 GPD or less for a use not listed above
  - **\$450** for greater than 5,000 GPD and no more than 30,000 GPD for a use not listed above
  - **\$550** for greater than 30,000 GPD and no more than 100,000 GPD for a use not listed above
  - **\$900** for greater than 100,000 GPD for a use not listed above
- Make checks payable to "Department of Natural Resources."

**Coastal Zone**

If this appropriation is within the Coastal Zone, and you are planning to use more than 1,000 GPD from a surface water source or 5,000 GPD from a subsurface water source, you need to submit a completed Coastal Project Questionnaire with this application. For more information on the Coastal Zone, contact the Office of Project Management and Permitting; Anchorage 269-7470, Juneau 465-3562, [www.dnr.state.ak.us/acmp/](http://www.dnr.state.ak.us/acmp/).

## **PROJECT DESCRIPTION**

The Loussac Library uses water for building cooling purposes. AWWU has advised the library to stop using the public water system for this purpose. As a result, an on-site well was drilled in 2006 for the building cooling system. Water is withdrawn through a 6 inch pump intake at a depth of approximately 138 feet and transmitted through approximately 160 feet of 6 inch ductile iron pipe service line. The water then runs through a heat exchanger to cool down the building's circulating cooling system. The water will then be discharged through a 6 inch ductile iron pipe for approximately 100 feet where it will discharge into an existing on-site storm drain catch basin. The catch basin drains through 300 feet of 18" corrugated metal pipe into the city's storm drain system along Denali Street. The system will only be in operation from April 1 to November 1, when the ambient outside air rises above 55 degrees Fahrenheit. In the fall, the system will be drained and turned off to prevent freezing.

A DNR Temporary Water Use Permit was authorized for this project in 2005 and has since expired (TWUP A2005-31). A renewal to the expired permit for the building cooling system is being sought until water rights, currently being applied for, are obtained.

## **OWNERSHIP DOCUMENTS**



STATUTORY WARRANTY DEED

THE GRANTOR(S), C.R. Foss, Rodney L. Johnston, John P. McManamin,

Patricia A. McManamin, Nancy D. McManamin, Robin J. McManamin, Ethel Elvin Kyzer, Debra Kyzer Ivy a/k/a/ Debra L. Kyzer, Trustee of the KYZER/NORTHERN LIGHTS TRUST.

076-18

for and in consideration of Ten Dollars (\$10.00) and other valuable consideration in hand paid, conveys and warrants to ANCHORAGE, a municipal corporation, whose address is Property Management and Right of Way Division, Pouch 6-650, Anchorage, Alaska 99502, the following described real estate:

Tract B of the United States Postal Service Main Carrier Station Subdivision according to Plat No. 75-98, filed in the Anchorage Recording District, Third Judicial District, State of Alaska excepting therefrom Tract 3 of the Z. J. Loussac Library Subdivision according to Plat No. 81-41 filed in the Anchorage Recording District, Third Judicial District, State of Alaska.



This Warranty Deed is executed in accordance with Section 34.15.030,

Alaska Statutes.

Dated this 9th day of March, 1981.

<u>C.R. Foss</u> C.R. Foss	<u>Rodney L. Johnston</u> Rodney L. Johnston
<u>John P. McManamin</u> John P. McManamin	<u>Patricia A. McManamin</u> Patricia A. McManamin
<u>Nancy D. McManamin</u> Nancy D. McManamin	<u>Robin J. McManamin</u> Robin J. McManamin
<u>Ethel Elvin Kyzer</u> Ethel Elvin Kyzer	<u>Debra Kyzer also known as Debra L. Kyzer</u> Debra Kyzer also known as Debra L. Kyzer Trustee of KYZER/NORTHERN LIGHTS TRUST

STATE OF ALASKA )  
THIRD JUDICIAL DISTRICT)

On this 9th day of March, 1981 before me, the undersigned, a Notary Public in and for the State of Alaska duly commissioned and sworn personally appeared JOHN P. McMANAMIN, to me known to be the individual who executed the foregoing instrument as Attorney in fact of ROBIN J. McMANAMIN, PATRICIA A. McMANAMIN, AND NANCY D. McMANAMIN, THEREIN DESCRIBED, AND acknowledged to me that he signed and sealed the said instrument as such attorney in fact for said principal, freely and voluntarily, for the uses and purposes therein mentioned, and on oath stated that the power of attorney authorizing the execution of this instrument has not been revoked and the said Robin J. McManamin, Patricia A. McManamin and Nancy D. McManamin is now living.

WITNESS my hand and official seal hereto affixed the day and year in this certificate above written.

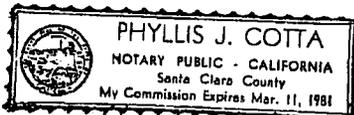
William P. Apperson  
Notary Public in and for Alaska  
My commission expires: 8-5-85

STATE OF CALIFORNIA )  
COUNTY OF Santa Clara

On this 6th day of March, 1981, before me, the undersigned a Notary Public in and for the State of California, duly commissioned and sworn personally appeared Debra Kyzer Ivy a/k/a Debra L. Kyzer, Trustee of the KYZER/NORTHERN LIGHTS TRUST, to me known to be the individual who executed the foregoing instrument, and acknowledged to me that she is the Trustee and acknowledged to me that she signed and sealed the said instrument as her free and voluntary act and deed and the free and voluntary act and deed of KYZER/NORTHERN LIGHTS TRUST, for the uses and purposes therein mentioned.

WITNESS my hand and official seal hereto affixed the day and year in this certificate above written.

Phyllis J. Cotta  
Notary Public in and for California  
My commission expires: 3/11/81



86011304

RECORDED & FILED  
ANCHORAGE REC.  
DISTRICT

MAR 10 9 44 AM '81

REQUESTED BY LAWYERS  
ADDRESS

STATE OF ALASKA )  
THIRD JUDICIAL DISTRICT ) ss

On this 9th day of March, 1981, before me, the undersigned, a Notary Public in and for the State of Alaska, duly commissioned and sworn personally appeared C. R. Jones (Chad Elmer) Kaperne Rodney Johnston & John P. McManamin to me known to be the individuals described in and who executed the foregoing instrument, and acknowledged to me that they signed and sealed the said instrument as their free and voluntary act and deed for the uses and purposes therein mentioned.

WITNESS my hand and official seal hereto affixed the day and year in this certificate above written.

William P. Apperson  
Notary Public in and for Alaska.  
My commission expires: 8-5-85

## **RECORD DRAWINGS**

**LEGEND**

PROPOSED	EXISTING	DESCRIPTION
●	●	2" DIA ALUMINUM CAP
○	○	FOUND 5/8" REBAR
○	○	MAGNAIL
○	○	CONTROL POINTS
—	—	CENTERLINE
—	—	EASEMENT LINE
—	—	PROPERTY LINE
○	○	LIGHT POLE
○	○	SANITARY SEWER MANHOLE
○	○	J-BOX
○	○	STORM DRAIN MANHOLE
○	○	STORM DRAIN CATCH BASIN MANHOLE
○	○	STORM DRAIN CATCH BASIN
○	○	SIGN
—	—	EDGE OF ROAD
—	—	MAJOR CONTOUR
—	—	MINOR CONTOUR
○	○	CONIFEROUS TREE
○	○	DECIDUOUS TREE
○	○	SHRUB
○	○	GROUNDWATER EXTRACTION WELL
○	○	WATER LINE WITH VALVE
—	—	SANITARY SEWER LINE
—	—	STORM DRAIN LINE
—	—	UNDERGROUND ELECTRIC LINE
○	○	TEST BORE
○	○	NON-POTABLE WATER

**ABBREVIATIONS**

AC	PVMT	ASPHALT CEMENT PAVEMENT
BCL		BELOW GROUND LEVEL
CMP		CORRUGATED METAL PIPE
DIP		DUCTILE IRON PIPE
FT		FOOT
INV		INVERT
MIN		MINIMUM
MOA		MUNICIPALITY OF ANCHORAGE
OC		ON CENTER
OD		OUTER DIAMETER

**SURVEY CONTROL**

POINT	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	10792.40	20989.77	107.04	REBAR
2	11051.67	21240.57	104.50	REBAR
101	10870.20	21065.03	103.65	MAGNAIL
102	10939.10	21131.68	103.19	MAGNAIL

**HORIZONTAL CONTROL**

Coordinates are based on an assumed datum in U.S. Feet. The Basis of Bearing is along Denali Street between East Tudor Rd and East 40th Ave, the bearing being N 00-10-31 W. Bearings are based on the Plat of DTC SUBDIVISION, TRACT 1 AND LOTS 1 THRU 3 filed as Plat No. 97-74 in the Anchorage Recording District, Third Judicial District, State of Alaska.

**VERTICAL CONTROL**

Elevations are based on the Municipality of Anchorage Vertical Control Network in U.S. Feet. The Basis of Elevations is benchmark "GAAB-93" having a value of 113.95 feet above Mean Sea Level.

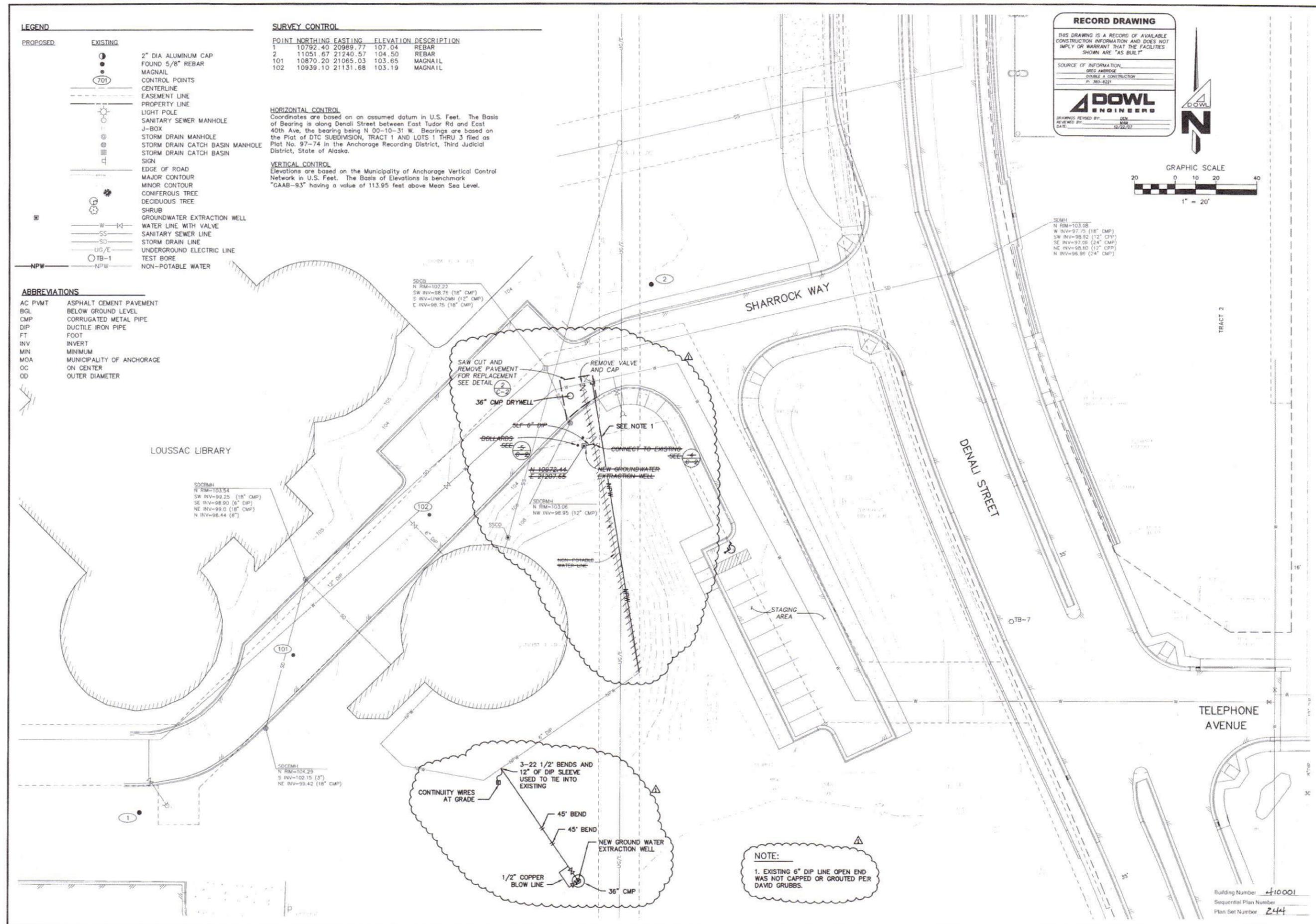
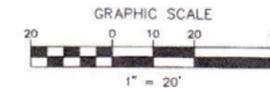
**RECORD DRAWING**

THIS DRAWING IS A RECORD OF AVAILABLE CONSTRUCTION INFORMATION AND DOES NOT IMPLY OR WARRANT THAT THE FACILITIES SHOWN ARE "AS BUILT"

SOURCE OF INFORMATION:  
DREW ARCHIVE  
DOUBLE A CONSTRUCTION  
P. 360-8221

**DOWL ENGINEERS**

DRAWINGS PERIOD BY: DEN  
REVIEWED BY: DEN  
DATE: 10/22/07



FILE NO.	DATE	DESCRIPTION	BY
10/19/07		RECORD DRAWING	



**DOWL ENGINEERS**  
Anchorage, Alaska 99503  
4040 "B" Street  
PHONE (907) 562-8000  
FAX (907) 563-3903

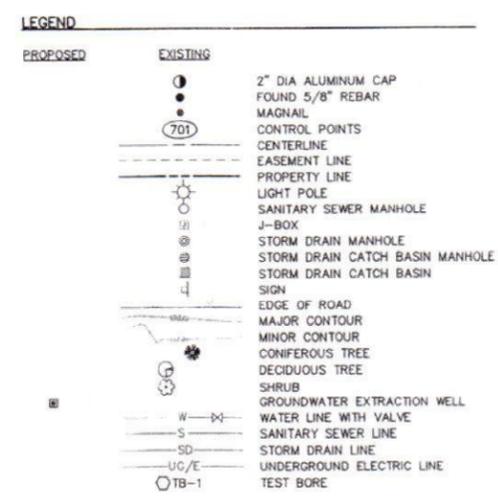
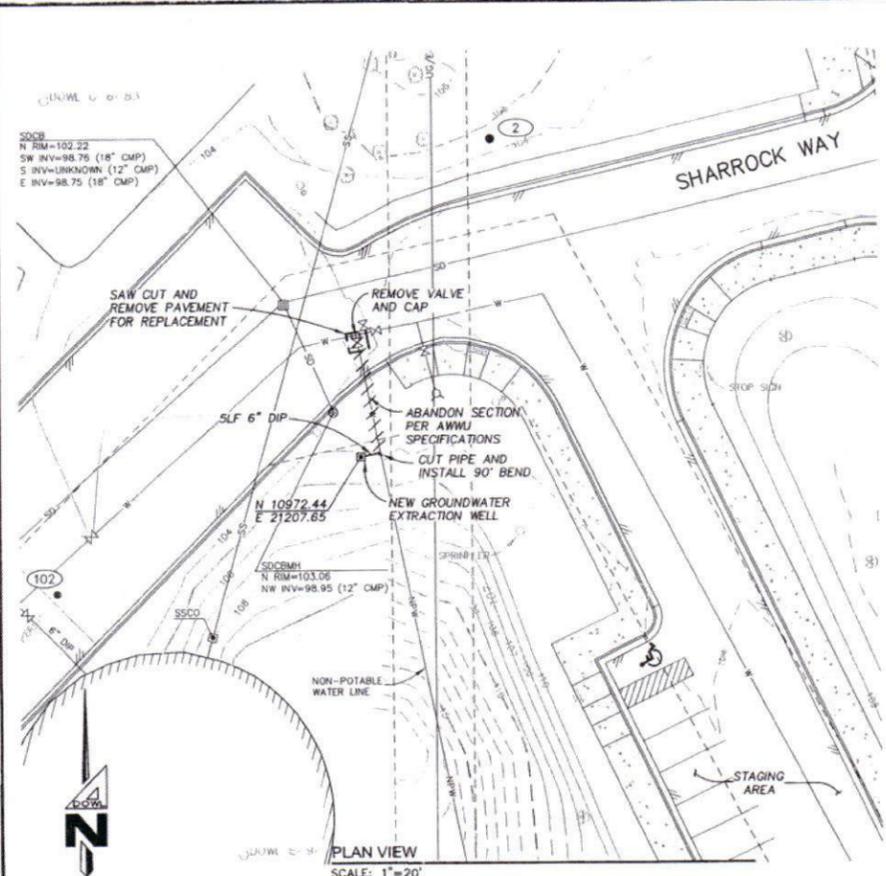
**SITE PLAN**  
Loussac Library Cooling Water Well

CHECKED BY	DRM
DRAWN BY	DRM
DATE	4/29/05
W.O. NO.	D58942
F.B. NO.	1885
REF. DWG	251-67
LOCATION	16.31

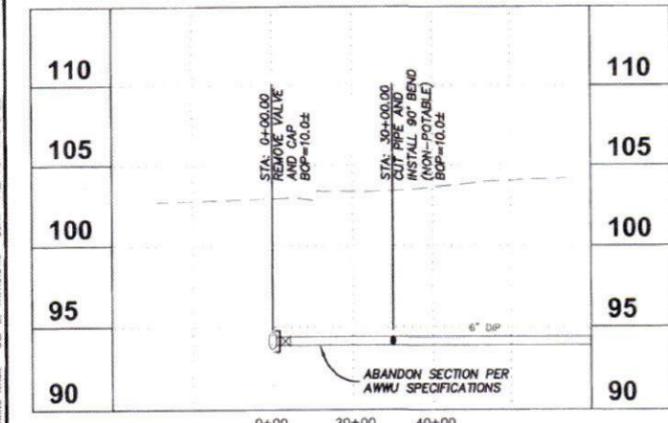
HORIZ.	1"=20'
VERT.	

Building Number 410001  
Sequential Plan Number  
Plan Set Number 244  
**C-1**

PROJECT: D58942  
DRAWING NAME: RDS-LONG SCRIPT FILE FOR THIS SHEET  
PLOTFILE: NOV 05 2007 14:34:33 (CEET)



Approved as apparently complying with fire/life safety codes adopted by the Municipality of Anchorage. Omissions and errors that may develop are subject to code/compliance.  
 Reviewed by *[Signature]* Date: 5/5/05  
 prepared by *[Signature]* Date: 5/5/05



WATER PROFILE  
 SCALE: 1"=20' HORIZ.  
 1"=5' VERT.

**SURVEY CONTROL**

POINT	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	10792.40	20989.77	107.04	REBAR
2	11051.87	21240.57	104.50	REBAR
101	10870.20	21065.03	103.65	MAGNAIL
102	10939.10	21131.68	103.19	MAGNAIL
701	10020.18	20619.22	.	ALCAP
702	10003.87	21557.90	.	ALCAP
703	10020.24	20854.27	.	ALCAP

**HORIZONTAL CONTROL**  
 Coordinates are based on an assumed datum in U.S. Feet. The Basis of Bearing is along Denali Street between East Tudor Rd and East 40th Ave, the bearing being N 00-10-31 W. Bearings are based on the Plat of DTC SUBDIVISION, TRACT 1 AND LOTS 1 THRU 3 filed as Plat No. 97-74 in the Anchorage Recording District, Third Judicial District, State of Alaska.

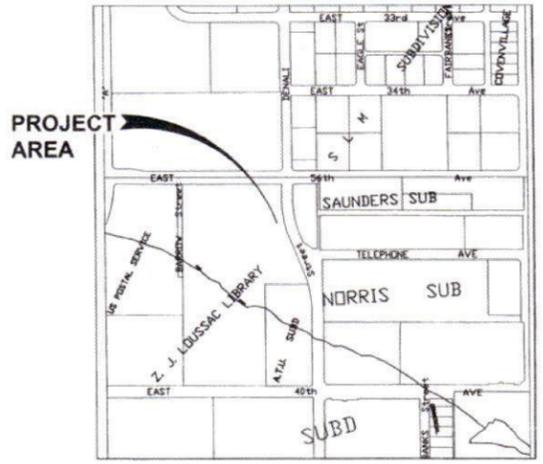
**VERTICAL CONTROL**  
 Elevations are based on the Municipality of Anchorage Vertical Control Network in U.S. Feet. The Basis of Elevations is benchmark "GAAB-93" having a value of 113.95 feet above Mean Sea Level.

**GENERAL CONSTRUCTION NOTES**

- ALL CONSTRUCTION SHALL BE INSTALLED AS SPECIFIED IN THE MOST CURRENT EDITION OF THE MUNICIPALITY OF ANCHORAGE STANDARD SPECIFICATIONS FOR STREETS-DRAINAGE-UTILITIES-PARKS (MASS). THE AWWU DESIGN AND CONSTRUCTION PRACTICES MANUAL, AND THE SPECIAL PROVISIONS.
- MAINTAIN A MINIMUM OF TEN (10) FEET HORIZONTAL AND EIGHTEEN (18) INCHES VERTICAL SEPARATION BETWEEN WATER AND SANITARY OR STORM SEWER MAINS AND SERVICES. SANITARY AND STORM SEWER PIPE JOINTS SHALL BE PLACED AT LEAST NINE (9) FEET FROM ANY WATERLINE CROSSING.
- MAINTAIN A MINIMUM OF 36-INCHES OF VERTICAL SEPARATION BETWEEN ANY STORM SEWER (STORM DRAIN OR FOOTING DRAIN) AND WATERLINE (MAINS OR SERVICES) OR SANITARY SEWER (MAINS OR SERVICES). IF 36-INCHES CANNOT BE MAINTAINED, PROVIDE A MINIMUM OF 4-INCH THICK INSULATION.
- CONTRACTOR SHALL VERIFY AND RECORD THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL UTILITIES ENCOUNTERED IN THE FIELD AND RECORD ANY CHANGES ON THE CONTRACTOR RECORD DRAWINGS.
- THE CONTRACTOR SHALL RESTORE ALL DISTURBED PROPERTY, INCLUDING DRAINAGE SWALES, DISTURBED BY CONTRACT ACTIVITIES TO PRECONSTRUCTION CONDITION.
- IN CASE OF CONFLICT BETWEEN STATIONING LOCATION OF PIPE OR FITTINGS, USE DIMENSIONED LOCATIONS RELATIVE TO THE CENTERLINE AND PROPERTY LINE, THE DIMENSIONED LOCATIONS SHALL GOVERN.
- THE CONTRACTOR SHALL RECORD SURVEY NOTES FOR SUBMITTAL WITH RECORD DRAWING PLANS PRIOR TO CONTRACT FINAL PAYMENT.
- CONTRACTOR SHALL FIELD INSTALL RESTRAINED FITTINGS ON ALL MECHANICAL JOINTS.
- CONTRACTOR SHALL USE DUCTILE IRON PIPE (DIP) LONG SOLID SLEEVES WITH RESTRAINED JOINTS TO FACILITATE CONNECTING DIP TO DIP OF SAME SIZE.
- ALL DUCTILE AND CAST IRON PIPE AND FITTINGS SHALL BE ENCASED IN 8-MILS OF POLYETHYLENE WRAP, AS PER MASS SECTION 60.07 "POLYETHYLENE ENCASEMENT."
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR EROSION AND SEDIMENT CONTROLS AS NECESSARY TO COMPLY WITH FEDERAL, STATE, AND MUNICIPAL LAWS THAT PROHIBIT UNPERMITTED DISCHARGE OF POLLUTANTS, INCLUDING SEDIMENTS, THAT ARE A RESULT OF EROSION AND OTHER CONSTRUCTION ACTIVITIES. THE CONTRACTOR SHALL CONDUCT ALL WORK SO SEDIMENT IS NOT TRANSPORTED ONTO THE ROADWAY OR ADJACENT PROPERTY. AT A MINIMUM, THE CONTRACTOR SHALL SWEEP UP ANY SEDIMENT TRACKED ONTO PAVED SURFACES IN PUBLIC RIGHT-OF-WAY WITHIN 24 HOURS OF THE TRACKING TO MINIMIZE THE WASH-OFF OF SEDIMENT INTO THE STORM DRAINS OR WATERWAYS.

**WATER CONSTRUCTION NOTES**

- AWWU, AFD AND EXISTING CUSTOMERS SHALL BE NOTIFIED SEVENTY-TWO (72) HOURS IN ADVANCE OF WATER SERVICE INTERRUPTION. THE CONTRACTOR SHALL BE RESPONSIBLE TO PROVIDE TEMPORARY WATER SERVICE TO THE EXISTING CUSTOMERS IF THE OUTAGE EXCEEDS 6-HOURS OR IF DEEMED NECESSARY BY THE ENGINEER. THE CONTRACTOR SHALL HAVE A TEMPORARY WATER SERVICE PLAN REVIEWED AND APPROVED BY ADEC.
- ALL WATER MAINS SHALL BE CLASS 52, DUCTILE IRON PIPE.
- ALL BENDS, TEES, FIRE HYDRANTS, AND DEAD-ENDS SHALL HAVE RESTRAINED FITTINGS.
- THRUST RESTRAINT SHALL BE PROVIDED BY USE OF FIELD-LOK GASKETS (OR EQUAL) OR MEG-A-LUG FITTINGS (OR EQUAL) ON ALL MECHANICAL JOINTS. THE USE OF THRUST BLOCKS WILL NOT BE ALLOWED.
- ALL WATER MAIN AND SERVICE TRENCHES AND BEDDING SHALL BE COMPACTED TO 95% OF MAXIMUM DENSITY.



VICINITY MAP  
 SCALE: 1"=500'

**SURVEY CONTROL NOTES**

- THE FIELD SURVEY WAS PERFORMED BY DOWL ENGINEERS IN NOVEMBER 2004.
- CONTOUR INTERVAL = 1 FOOT.
- MANHOLE LOCATIONS ARE SHOWN TO APPROXIMATE CENTER OF STRUCTURE.
- ALL ROADWAY SURFACES ARE ASPHALT UNLESS OTHERWISE NOTED.
- UNDERGROUND NATURAL GAS, TELEPHONE, ELECTRIC, AND CABLE TV LINES WERE FIELD LOCATED. PRIVATE SERVICE LINES WERE NOT FIELD LOCATED UNLESS SHOWN HEREON.
- AWWU AND STREET MAINTENANCE DID NOT RESPOND TO OUR LOCATE REQUEST.
- LOCATION OF WATER UTILITY LINES IS APPROXIMATE. THEY ARE DRAWN FROM VALVE TO VALVE USING AS BUILT INFORMATION AND WERE NOT FIELD LOCATED.
- UNDERGROUND STREET LIGHT LINES EXIST WITHIN THE PROJECT AREA.
- UNDERGROUND NATURAL GAS, TELEPHONE, ELECTRIC, AND CABLE TV LINE CROSSINGS IN THE PROFILE ARE SHOWN AT AN ASSUMED VERTICAL LOCATION. EXACT VERTICAL LOCATIONS SHOULD BE VERIFIED.
- A TITLE SEARCH WAS NOT PERFORMED. EASEMENTS OF RECORD OTHER THAN THOSE SHOWN ON THE RECORDED PLATS ARE NOT SHOWN HEREON.
- ALL DISTURBED PROPERTY CORNERS SHALL BE REPLACED BY THE CONTRACTOR IN ACCORDANCE WITH SPECIAL PROVISION 65.02, ARTICLE 2.1 PROJECT CONTROL.



WATER KEY MAP  
 SCALE: 1"=300'

BASED UPON AWWU'S INTERPRETATION OF THE DESIGN ENGINEER'S INTENT, THIS PLAN APPROVAL IS TO ENSURE THAT THE PLANS WERE DESIGNED TO AWWU'S STANDARDS AND THE SIGNEE IS NOT LIABLE FOR ANY ERRORS OR OMISSIONS.  
 APPROVED FOR CONSTRUCTION  
 By Anchorage Water and Wastewater Utility  
 Date: 5/12/05  
**BEFORE YOU DIG CALL FOR FREE UNDERGROUND LOCATION**  
 Locate Call Center of Alaska  
 Anchorage Area: 278-3121  
 Statewide: 800-478-3121  
 who will notify subscribed utilities only.  
 Other utilities need to be contacted individually.

**VERIFY SCALE** THIS BAR REPRESENTS ONE INCH ON ORIGINAL DRAWING. 0" = 1" IF BAR IS NOT ONE INCH, ADJUST DRAWING SCALE ACCORDINGLY. FULL SIZE SCALE HORIZ SCALE: 1"=20' VERT SCALE: 1"=5'

DATA	DATE	BY	DESCRIPTION
BASE	DRM		TELEPHONE
TOPOGRAPHY	DRM		ELECTRIC
PROFILE	DRM		CABLE TV
SANITARY SEWER	DRM		TRAFFIC SIGNAL
STORM SEWER	DRM		DESIGN
WATER	DRM		QUANTITIES
GAS	DRM		MAN. FINAL CHECK

PLAN CHECK

**RECORD DRAWING** Note: To be filled out on original drawings upon project completion.  
 1. DATA PROVIDED BY: \_\_\_\_\_  
 This will serve to certify that these Record Drawings are a true and accurate representation of the project as constructed.  
 CONTRACTOR: \_\_\_\_\_  
 BY: \_\_\_\_\_ TITLE: \_\_\_\_\_  
 DATE: \_\_\_\_\_  
 2. DATA TRANSFERRED BY: \_\_\_\_\_  
 CONTRACTOR: \_\_\_\_\_  
 DATE: \_\_\_\_\_  
 3. Based on periodic field observations by the Engineer (or an individual under his/her direct supervision), the Contractor-provided data appears to represent the project as constructed.  
 DATA TRANSFER CHECKED BY: \_\_\_\_\_  
 COMPANY: \_\_\_\_\_  
 BY: \_\_\_\_\_ TITLE: \_\_\_\_\_  
 DATE: \_\_\_\_\_

**OWNER'S SIGNATURE**  
*[Signature]*  
 MR. GENE TURLIK  
 ACTING MANAGER,  
 FACILITY & FLEET MAINTENANCE  
 3640 E. TUDOR ROAD, WAREHOUSE #1  
 ANCHORAGE, ALASKA 99507

**CONSULTANT**  
 SEAL



Building Number: 410001  
 Sequential Plan Number: \_\_\_\_\_  
 Plan Set Number: 2442

LOUSSAC LIBRARY COOLING WATER WELL  
 Z.J. LOUSSAC LIBRARY SUBDIVISION, TRACT 1  
**WATER PLAN AND PROFILE**  
 HORIZ SCALE: 1"=20'  
 VERT SCALE: 1"=5'  
 DATE: 4/28/05  
 GRID: 1731  
 SHEET C1.0 of 1

ID# PS-05-047

## **DRILLER'S WELL LOG**

# ALPINE DRILLING & ENTERPRISES

**Permit Number:** #SW \_\_\_\_\_ **Date of Issue:** \_\_\_\_\_ **Parcel Identification Number:** \_\_\_\_\_  
**Date Started:** 8-29-06 **Date Completed:** 10-9-06 Is well located at approved permit location?  Yes  No  
**Legal Description:** Louisaac Library Cooling Well Anchorage  
**Property Owner Name & Address:** MOA

*Anchorage, Alaska*

<b>Borehole Data:</b>	<b>Depth (ft)</b>		<b>Method of Drilling</b> <input checked="" type="checkbox"/> air rotary <input type="checkbox"/> cable tool
Soil Type, Thickness & Water Strata	From	To	Casing type: <u>steel</u>
<i>organics &amp; silt</i>	0	4	Wall Thickness: <u>.375</u> inches
<i>sandy silt</i>	4	25	Diameter: <u>10</u> inches Depth: <u>138</u> feet
<i>silt</i>	25	35	Liner Type: _____
<i>gravelly silt</i>	35	54	Diameter: _____ inches Depth: _____ feet
<i>silty gravelly sand H20</i>	54	88	<b>Casing stickup above ground:</b> <u>3</u> feet
<i>silty cobbly sandy gravel H20</i>	88	105	<b>Static water level (from ground level):</b> <u>+8"</u> feet
<i>silty gravelly sand H20</i>	105	129	<b>Pumping level:</b> <u>72</u> feet after
<i>Water sand &amp; gravel 200 +</i>	129	152	<u>24</u> hours pumping <u>612</u> gpm
<i>gravelly silty sand 100 +</i>	152	162	<b>Recovery Rate:</b> <u>612</u> gpm
			<b>Method of Testing:</b> <u>pump</u>
			<b>Well Intake Opening Type:</b>
			<input type="checkbox"/> Open End <input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Screened    Start <u>130.5</u> feet Stopped <u>152</u> feet <input type="checkbox"/> Perforations    Start _____ feet Stopped _____ feet
			<b>Grout Type:</b> <u>cement grout</u> <b>Volume:</b> <u>120 gal</u>
			Depth: _____ Start <u>0</u> feet Stopped <u>30</u> feet
			<b>Pump: Intake Depth</b> _____ feet
			Pump size _____ hp Brand Name _____
			<b>Well Disinfected Upon Completion?</b> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
			<b>Method of Disinfection:</b> <u>chlorine tablets</u>
			<b>Comments:</b> <i>length of .100 slot SS screen w/ 10' tail pipe 31.5'. screen from 130.5 gl to 152' gl. 18' exposed</i>
			<b>Well Driller:</b> <i>Alpine Drilling &amp; Enterprises PO Box 110496 Anchorage Alaska 99511</i>

**Attention:** The well driller shall provide a well log to the property owner within 30 days of completion and the property owner or the well driller shall provide a well log to the Development Services Department within 60 days of completion.

**TWUP A2005-31**



ALASKA DEPARTMENT OF NATURAL RESOURCES

Division of Mining, Land, and Water

Water Resources Section

550 West 7<sup>th</sup> Avenue, Suite 1020, Anchorage, AK 99501-3562

**RECEIVED**

MAY 11 2010

**FACILITY & FLEET  
MAINTENANCE**

**TEMPORARY WATER USE AUTHORIZATION  
TWUP A2005-31**

Pursuant to AS 46.15, as amended and the rules and regulations promulgated thereunder, permission is hereby granted to the Municipality of Anchorage, 3640 E. Tudor Road, Warehouse #1, Anchorage, Alaska 99507, and its contractors, **to withdraw up to 350,000 gallons of water per day** April 1<sup>st</sup> through November 1<sup>st</sup> of each authorized year from the below described source of water. The water will be used for a groundwater cooling system for the Z. J. Loussac Library in Anchorage, Alaska located within the NW1/4SE1/4 Section 30, Township 13 North, Range 3 West, Seward Meridian. The well water used for cooling the Z. J. Loussac Library will be discharged to an existing on-site storm water catch basin that connects to the municipal storm drain system and discharges into Fish Creek at two separate locations approximately two miles downstream from the Z. J. Loussac Library site.

SOURCE OF WATER:

Well to be drilled to a depth of approximately 300 feet within Tract 1, Z. J. Loussac Library Subdivision, Anchorage Recording District, NW1/4SE1/4 Section 30, Township 13 North, Range 3 West, Seward Meridian, Alaska.

STRUCTURES TO BE CONSTRUCTED AND USED:

A drilled well approximately 300 feet deep, pump with a six-inch intake and a 614-gpm output, and approximately 320 feet of pipe.

Changes in the natural state of water are to be made as stated herein and for the purposes indicated.

During the effective period of this authorization, the permittee shall comply with the following conditions:

CONDITIONS:

1. **This authorization does not authorize the permittee to enter upon any lands until proper rights-of-way, easements, or permission documents, from the appropriate landowner, have been obtained.**
2. Follow acceptable engineering standards in exercising the privilege granted herein.
3. Comply with all applicable laws, and any rules and/or regulations issued thereunder.

4. Except for claims or losses arising from negligence of the State, defend and indemnify the State against and hold it harmless from any and all claims, demands, suits, loss, and liability and expense for injury to or death of persons and damages to or loss of property arising out of or connected with the exercise of the privileges covered by this authorization.
5. Notify the Water Resources Section upon change of address.
6. The permittee is responsible for obtaining and complying with other permits/approvals (state, federal, or local) that may be required.
7. Failure to respond to a request for additional information during the term of the authorization may result in the termination of this authorization.
8. The permittee shall allow an authorized representative of the Water Resources Section to inspect, at reasonable times, any facilities, equipment, practices, or operators regulated or required under this authorization.
9. The permittee is responsible for the actions of contractors, agents, or other persons who perform work to accomplish the approved project, and shall ensure that workers are familiar with the requirements of this authorization. For any activity that significantly deviates from the approved project during its siting, construction, or operation, the permittee is required to contact the Water Resources Section and obtain approval before beginning the activity.
10. The Water Resources Section may modify this authorization to include different limitations, expand monitoring requirements, evaluate impacts, or require restoration at the site.
11. Any false statements or representations, in any application, record, report, plan, or other document filed or required to be maintained under this authorization, may result in the termination of this authorization.
12. **Establish a metering system acceptable to the Water Resources Section and submit monthly water use records to the Water Resources Section by November 10th of each authorized year. For approval of the metering system, contact Roy Ireland, State Hydrologist at (907) 269-8639.**
13. **The results of any aquifer tests that are conducted, including raw data and analysis, shall be submitted to this office within 45 days of completion of the aquifer tests. Test pumping shall be accomplished under steady flow conditions at a rate as called for by the Bid Schedule or less as determined by the Engineer. Continuous and accurate measurements of discharge rates shall be maintained and any changes of rate noted in the records. The water level in the casing shall be continuously and accurately measured and the depth recorded on a scheduled basis to provide an accurate account of water drawdown, pumping rates, and time. Water level in the well casing shall be measured with an electrical water level detector. A three-fourth inch PVC pipe shall be installed in the well with the test pump to facilitate operation of the detector. Test pumping shall be continuous and without interruption until data is obtained to determine well yield; however, the Contractor will not be required to maintain over 72 hours of continuous pumping.**
14. **Measure static water level prior to restarting after a twenty-four hour shutdown period of the well and submit shutdown times and water level readings to this office on a quarterly basis. Measurements not to exceed five readings per month.**

15. In accordance with 11 AAC 93.140 (a), a water well log shall be filed with this office within 45 days of completion of the water well.

16. This authorization is subject to an annual administrative service fee.

This Temporary Water Use Authorization is issued pursuant to 11 AAC 93.220. No water right or priority is established by a temporary water use authorization issued pursuant to 11 AAC 93.220. Water so used is subject to appropriation by others (11 AAC 93.210(b)).

The Department may suspend operations authorized under this authorization whenever such suspension shall in its judgment be necessary to protect the public interest or that of a prior appropriator.

**This authorization shall expire on April 1, 2010.**

Date issued: March 10, 2005

Approved: R. Susan Peth

Title: Natural Resource Manager

**ADEC:  
NONDOMESTIC WASTEWATER DISPOSAL PERMIT  
2005DB0010**

# STATE OF ALASKA

**DEPARTMENT OF ENVIRONMENTAL CONSERVATION  
DIVISION OF WATER  
WASTEWATER DISCHARGE PROGRAM**

**SARAH PALIN, GOVERNOR**  
555 Cordova Street  
Anchorage, Alaska 99501  
Phone: (907) 269-8198  
Fax: (907) 269-3487  
www.dec.state.ak.us

June 1, 2007

Mr. John Huzey, Manager  
Facility & Fleet Maintenance  
Municipality of Anchorage  
3640 E. Tudor Road, Warehouse #1  
Anchorage, AK 99503

**Certified Mail 7002 2410 0005 3104 2962**  
**Return Receipt Requested**

ADEC File No. 2100.48.040

Re: Wastewater Disposal Permit No. 2005DB0010 for the MOA, Z. J. Loussac Library.

Dear Mr. Huzey:

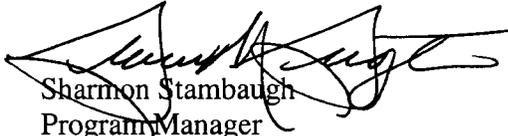
The Alaska Department of Environmental Conservation completed its review of the application by Mr. John Huzey, Manager, Facility & Fleet Maintenance, MOA for a new wastewater disposal permit and issues ADEC Wastewater Disposal Permit No. 2005DB0010.

This permit is effective on June 1, 2007 and expires on May 31, 2012. Please review the terms and conditions in this permit and ensure that they are all understood.

The Department of Environmental Conservation regulations provide that 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. An informal review request must be delivered to the Division Director, 555 Cordova St, Anchorage, Alaska 99501, within 15 days of receiving the permit decision. An adjudicatory hearing request must be delivered to the Commissioner of the Department of Environmental Conservation, 555 Cordova St., Anchorage, Alaska 99501, within 30 days of the permit decision. If a hearing is not requested within 30 days, the right to appeal is waived.

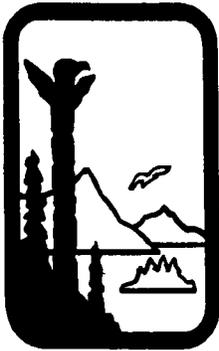
A fee is required for your wastewater permit, in accordance with 18 AAC 72. A separate invoice will be mailed to your facility.

Sincerely,

  
Sharon Stambaugh  
Program Manager  
Wastewater Discharge Program

enc: Permit No. 2005DB0010

cc: Dan Nichols, DOWL Eng/ Anchorage  
Alan Kukla, ADEC/Anchorage  
Thede Tobish, MOA/Anchorage  
Wendy Talow, DNR/Anchorage



STATE OF ALASKA  
DEPARTMENT OF ENVIRONMENTAL CONSERVATION  
DIVISION OF WATER

NONDOMESTIC WASTEWATER DISPOSAL PERMIT  
2005DB0010

---

Permit: 2005DB0010

Effective Date: June 1, 2007  
Expiration Date: May 31, 2012

---

**Issued to:** Municipality of Anchorage

**Facility Name:** Z.J. Loussac Library

**Location of Discharge:** Anchorage, Alaska.

**Latitude:** 61.18808°                      **Longitude:** -149.87693°

**Surface discharged to:** A municipal storm drain, then to Fish Creek, then to Cook Inlet.

**Maximum Volume:** 450,000 gallons per day (gpd).

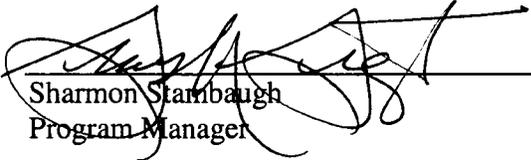
**Treatment System Description:** None. Water from a groundwater source is pumped through a liquid to liquid plate heat exchanger, then discharged. No chemical additives are used to condition either heat transfer fluids.

---

This permit is subject to the terms and conditions incorporated herein. This State of Alaska Wastewater Discharge Permit is issued in accordance with AS 46 and 18 AAC 15. It may be terminated or modified in accordance with AS 46.03.120.

These terms and conditions are adopted pursuant to 11 AAC 110 (Project Consistency with the Alaska Coastal Management Program) and are necessary to ensure that project authorized under the permit is consistent with the ACMP. This project is found to be consistent with ACMP.

A Discharge Monitoring Report is attached and must be used for reporting discharge sample analysis results. Noncompliance notification and accidental discharge/sewage spill notification forms are also attached. Copies should be made from the originals for reporting purposes.

  
\_\_\_\_\_  
Sharmon Starbaugh  
Program Manager

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## 1. SPECIFIC PERMIT CONDITIONS

### 1.1. EFFLUENT AND MONITORING WELLS LIMITATIONS

#### 1.1.1. DISCHARGE RESTRICTIONS

The discharge must be free of any additives such as antifreeze solutions, methanol, solvents, corrosion inhibitors, garbage, toxic substances, grease or oils which produce a sheen, foam (other than trace amounts), or other contaminants.

#### 1.1.2. REPRESENTATIVE SAMPLING

Samples and measurements taken as required must be representative of the volume and nature of the monitored discharge.

#### 1.1.3. EFFLUENT LIMITATIONS & MONITORING

1.1.3.1. The permittee must monitor the effluent in the following manner while the wastewater is being discharged:

<b>State of Alaska Discharge Monitoring Report (DMR)</b>		Submit this report to:		Alaska Department of Environmental Conservation				
<b>Permit number:</b>	2005DB0010	mail to:		555 Cordova St				
<b>ADEC file number:</b>	2100.48.040	or FAX / phone to:		FAX (907) 269-3487 or phone (907) 269-7523				
		or email to:		alan_kukla@dec.state.ak.us				
<b>Name:</b>	Z.J. Loussac Library	<b>Responsible party:</b>	John Huzey					
<b>Address:</b>	3600 Denali Street	<b>Phone / email:</b>	(907) 343-8312 huzeyJM@ci.anchorage.ak.us					
<b>Facility:</b>	Z.J. Loussac Library	<b>Onsite contact:</b>	John Huzey					
<b>Location:</b>	Anchorage, Alaska 99503	<b>Phone / email:</b>	(907) 343-2828 huzeyJM@ci.anchorage.ak.us					
<b>Required Reporting Frequency:</b>	Monthly during months of cooling system operation.	<b>Discharge:</b>	Non contact ground water is used for building cooling for the Loussac Library. The cooling system will only be used during periods of ambient air temperatures => 55 degrees F.		<b>Sample Period:</b>			
				From: 05/01/07				
				To: 05/31/07				
<b>Parameter</b>		<b>Summary of Analytical Results</b>				<b>Units</b>	<b>Frcncy</b>	<b>Smplng</b>
		<b>min</b>	<b>30 day avg</b>	<b>daily avg</b>	<b>max value</b>	<b>number analyses</b>	<b>number violations</b>	<b>Protocol</b>
Flow Rate (effluent)	Estmt'd/Measure Permit Limits	-	450,000	-	450,000	report	report	gpd daily Estmt'd
Temperature (effluent)	Analytical Result Permit Limits	-	-	-	55	report	report	° F hourly Mav-Sept grab
I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HERIN, AND, BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THAT INFORMATION, I BELIEVE THAT THE SUBMITTED INFORMATION IS TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSI INFORMATION.								
NAME, TITLE OF PRINCIPAL EXECUTIVE OFFICER								
						( ) -		
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT						DATE		TELEPHONE
COMMENT AND EXPLANATION OF ANY VIATIONS (REFERENCE ALL ATTACHMENT HERE)								
CHECK HERE IF THERE WAS NO DISCHARGE DURING THE ENTIRE REPORTING PERIOD.								
Analytical Method to be use for temperature measurement is StdMthds 2550 or other ADEC approved method.								

1.1.4. COMPLIANCE WITH ALASKA ADMINISTRATIVE CODE

The discharge shall not cause contamination of surface or groundwater, and shall not cause or contribute to a violation of the Alaska Water Quality Standards (18 AAC 70), the Alaska Wastewater Disposal Regulations (18 AAC 72), or Alaska Water Rights Regulations (11 AAC 93), as regulated by the Alaska Department of Natural Resources.

1.1.5. CHANGE IN DISCHARGE

No other treated or untreated wastewater, sludge, or other materials shall be discharged to the lands or waters of the state unless otherwise approved by the Department.

1.1.6. ADDITIONAL MONITORING

If the permittee monitors any influent or effluent characteristic identified in this permit more frequently than required, the results of such monitoring must be reported to the Department in the monitoring report. The Department will not require the reporting of results of analysis that are conducted on site for training purposes, if the Department is notified in advance, in writing, of the intent of the analysis.

1.1.7. REPORTING

Monitoring results shall be summarized and reported to the Department monthly. Each discharge monitoring report (DMR) must be signed, postmarked and mailed, or faxed, or e-mailed no later than the 14th day of the month following the month that monitoring occurred. Reporting shall begin at the commencement of discharge and shall be done on the attached DMR. If there is no discharge during an entire reporting period, the Permittee shall mark the DMR appropriately and submit the form monthly, as required above. Reports submitted on a similar format which provides the same information, will be accepted. Signed copies of these, and all other reports required herein, must be submitted to the Department at the following address:

Alaska State Dept. of Environmental Conservation  
Division of Water  
555 Cordova St.  
Anchorage, AK 99501  
Telephone: 907-269-7523  
Fax: 907-269-7600  
Or email to alan\_kukla@dec.state.ak.us

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

1.2. MANAGEMENT PRACTICES

1.2.1. PROPER OPERATION AND MAINTENANCE

- 1.2.1.1. The permittee must at all times, properly operate and maintain all facilities and systems of treatment and control (and related appurtenances) which are installed or used by the permittee to achieve compliance with the conditions of this permit.
  - 1.2.1.2. The facility must be operated and maintained consistent with the design that was approved by the Department.
  - 1.2.1.3. The permittee must complete an operation and maintenance manual for the wastewater treatment facility within six months from the effective date of the wastewater permit.
  - 1.2.1.4. The permittee shall keep equipment maintenance logs of any scheduled or non-scheduled maintenance. These logs shall be kept at the facility and made available to the Department upon request. Logs shall include the time, date, scope of work performed, and name(s) of persons performing the work.
- 1.2.2. REMOVED SUBSTANCES
- Collected grit, scum, sludge, or other pollutants removed in the course of treatment or control of wastewater must be disposed of in a state approved, permitted manner.
- 1.2.3. AIR AND LAND RELEASES
- The permittee must not place, deposit, or allow to be placed or deposited on the premises, any material which may produce, cause or contribute to the spread of disease, create a safety hazard or in any way endanger the health of the public.
- 1.2.4. RECORDS RETENTION
- All records and information resulting from the monitoring activities required by this permit, including all records of analyses performed, and calibration and maintenance of instrumentation, and recordings from continuous monitoring instrumentation must be retained in Alaska for observation by the Department for five years. Upon request from the Department, the permittee must submit certified copies of such records.
- The permittee must post or maintain a copy of this permit available to the public at the disposal facility.
- 1.2.5. CHANGE IN DISCHARGE
- All discharges authorized herein must be consistent with the terms and conditions of this permit. The discharge of any pollutant or toxic material, (including oil, grease, or solvents), more frequently than, or at a concentration or limit not authorized, shall constitute noncompliance with the permit. Any anticipated facility expansions, flow increases, or process modifications which will result in new, different, or increased discharges of pollutants must be reported by submission of a new waste disposal permit application, and request a plan review at least thirty days before the implementation of such changes. Physical changes may also be subject to plan review by the Department.

### 1.2.6. TOXIC POLLUTANTS

If new or revised toxic pollutant (including oil, grease, or solvents) concentration standard is established in accordance with 18 AAC 70, for a pollutant present in this discharge, and such new standard is more stringent than the limitation in this permit, this permit is considered to be modified in accordance with the new toxic pollutant concentration standard.

### 1.2.7. ACCIDENTAL DISCHARGES AND NONCOMPLIANCE

- 1.2.7.1. The permittee must provide protection from accidental discharges not in compliance with the provisions of this permit. Facilities to prevent such discharges must be maintained in good working condition at all times by the permittee. If an accidental discharge occurs, the permittee must report the event to the Department within 24 hours, or as soon as possible, of becoming aware of such conditions. The attached accidental discharge/spill notification form shall be completed and sent to the Department as a follow-up written report.
- 1.2.7.2. If, for any reason, the permittee does not comply with or will be unable to comply with any effluent limitation specified in this permit, the permittee must report the noncompliance to the Department within 24 hours, or as soon as possible after becoming aware of such conditions.
- 1.2.7.3. A written follow-up report must be sent to the Department within seven days of the noncompliance event. Permittees may use the attached noncompliance notification form to report noncompliance. A written report must contain, but not be limited to:
  - 1.2.7.3.1. Times and dates on which the event occurred, and if not corrected, the anticipated time the noncompliance is expected to continue.
  - 1.2.7.3.2. A detailed description of the event, including quantities and types of materials involved.
  - 1.2.7.3.3. Details of any actual or potential impact on the receiving environment or public health.
  - 1.2.7.3.4. Details of actions taken or to be taken to correct the causes of the event. Details of actions taken or to be taken to correct any damage resulting from the event.
- 1.2.7.4. It is recognized that influent quality changes, equipment malfunctions, or uncontrollable circumstances may sometimes result in effluent concentrations exceeding the permit limitations, despite the exercise of all possible care and maintenance measures and corrective measures by the permittee. The permittee must demonstrate to the Department that such circumstances did exist where, despite all evasive measures, the effluent concentrations exceeded those set forth in this permit. The Commissioner shall consider such evidence in determining departmental actions. The Department does not waive any of its legal rights during such consideration.

**1.2.8. TRANSFER OF OWNERSHIP**

In the event of any change in control or ownership of facilities from which the authorized discharges emanate, the permittee must notify the succeeding owner or controller of the existence of this permit in writing, a copy of which must be forwarded to the Department of Environmental Conservation at the address in this permit. The original permittee remains responsible for permit compliance unless and until the succeeding owner or controller agrees in writing to assume such responsibility, and the Department approves assignment of the permit. The Department will not unreasonably withhold such approval.

**2. GENERAL PERMIT CONDITIONS**

**2.1. ACCESS AND INSPECTION**

The permittee must allow the Commissioner or their representative access to the permitted facilities at reasonable times to conduct scheduled or unscheduled inspections or tests to determine compliance with this permit, state laws and regulations.

**2.2. 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 must be available for public inspection at the State of Alaska Department of Environmental Conservation, Division of Water, 555 Cordova St., Alaska 99501.

**2.3. 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.

**2.4. ADVERSE IMPACT**

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

**2.5. CULTURAL OR PALEONTOLOGICAL RESOURCES**

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

**2.6. APPLICATIONS FOR RENEWAL**

In accordance with 18 AAC 15.100(d), applications for renewal or amendment of this permit must be made no later than 30 days before the expiration date of the permit or the planned effective date of the amendment.

## 2.7. OTHER LEGAL OBLIGATIONS

The requirements, duties, and obligations set forth in this permit are in addition to any requirements, duties, or obligations contained in any 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.

## 2.8. POLLUTION PREVENTION

In order to prevent and minimize present and future pollution, when making management decisions that affect waste generation, the permittee shall consider the following order of priority options:

- Waste source reduction.
- Recycling of waste.
- Waste treatment.
- Waste disposal.

# NONCOMPLIANCE NOTIFICATION

GENERAL INFORMATION		PERMIT #: 2005DB0010	
APPLICANT/COMPANY: John Huzey / MOA { TC "NONCOMPLIANCE NOTIFICATION FORM" \F }		FACILITY NAME: Loussac Library	FACILITY LOCATION: Anchorage
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

Division of Water, Wastewater Discharge Program

Phone: ANCHORAGE (907) 269-6285, Fax: (907) 269-7600; FAIRBANKS (907) 451-2130, Fax: (907) 451-2187; JUNEAU (907) 465-5300, Fax: (907) 465-5274

# ACCIDENTAL DISCHARGE / SPILL NOTIFICATION

GENERAL INFORMATION		PERMIT #: 2005DB0010	
APPLICANT/COMPANY: John Huzey / MOA Inc. { TC "ACCIDENTAL DISCHARGE SPILL FORM" }		FACILITY NAME: : Loussac Library	FACILITY LOCATION: Anchorage
PERSON REPORTING		PHONE NUMBER OF PERSON REPORTING	REPORTED HOW? (e.g. by phone)
DATE/TIME OF SPILL	DATE/TIME REPORTED	NAME OF DEC STAFF CONTACTED	
VERBAL NOTIFICATION MUST BE MADE TO ADEC WITHIN 24 HOURS OF DISCOVERY OF SPILL.			
<b>INCIDENT DETAILS (attach additional sheets, lab reports and photos as necessary)</b>			
PRODUCT SPILLED (e.g. sewage, propylene glycol, etc)		SOURCE OF SPILL	
QUANTITY SPILLED (volume or weight)	QUANTITY CONTAINED	QUANTITY RECOVERED	QUANTITY DISPOSED
CAUSE OF SPILL AND ACTIONS TAKEN TO CORRECT THE CAUSE (be specific)			
CLEANUP ACTIONS (describe in detail)			
DISPOSAL METHODS AND LOCATION (describe in detail)			
STATUS OF CLEANUP ACTIONS (If clean up has not begun, provide estimated time to begin and complete clean up and reasons for the delay)			
ENVIRONMENTAL DAMAGE. <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> UNKNOWN If yes, provide details below.	SURFACE AREA AFFECTED (square feet)	SURFACE TYPE (e.g. tundra, land covered with snow, etc)	
ACTUAL/POTENTIAL IMPACT ON ENVIRONMENT/PUBLIC HEALTH (describe in detail)			
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.			

### Discharge Monitoring Report (DMR) – page 1of1

<b>Permit number:</b> 2005DB0010	Expires: May 31, 2012
<b>File number:</b> 120.45.068	

Submit this report to: Alaska Department of Environmental Conservation  
555 Cordova St.  
Anchorage, AK 99501  
Fax 907.269.3487 or  
Phone 907.269.7523

<b>Applicant Name:</b> Z.J. Loussac Library	<b>Responsible party:</b> John Huzey
<b>Address:</b> 3600 Deanli Street Anchorage, AK 99503	<b>Phone / email:</b> 907.343.8312 / huzeyjm@ci.anchorage.ak.us
<b>Facility:</b> Z.J. Loussac Library	<b>Onsite Contact:</b> John Huzey
<b>Location:</b> Anchorage, AK 99503	<b>Contact Fax:</b> 907.343.2828

<b>Required Reporting Frequency</b> Monthly during months of cooling system operation.	<b>Discharge:</b> Non contact ground water is used for building cooling for the Loussac Library. The cooling system will only be used during periods of ambient air temperatures => 55°F	<b>Sample Period</b>	
		<b>From:</b>	
		<b>To:</b>	

#### Effluent

<u>Parameter</u>	<u>Min. Value</u>	<u>30 day Average</u>	<u>Max. Value</u>	<u>Number of Analyses</u>	<u>Number of Violations</u>	<u>Units</u>	<u>Frequency of Analysis</u>	<u>Sample Method</u>
Flow Rate	Estmt'd/ Measure	-				gpd	Daily --	Measured/ Estimated
	Permit Limits	N/A	450,000	450,000	report			
Temperature	Analytical Results					°F	Hourly May-Sept	Grab
	Permit Limits	N/A	N/A	N/A	report			

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.

<b>NAME, TITLE OF PRINCIPAL EXECUTIVE OFFICER</b>	<b>SIGNATURE OF PRINCIPAL, EXECUTIVE OFFICER OR AUTHORIZED AGENT</b>		
		( ) - ____ - _____	
	DATE	TELEPHONE	
<b>COMMENT AND EXPLANATION OF ANY VIOLATIONS (REFERENCE ALL ATTACHMENT HERE)</b>			
_____ CHECK HERE IF THERE WAS NO DISCHARGE DURING THE ENTIRE REPORTING PERIOD			

<h2 style="margin: 0;">Coastal Project Questionnaire and Certification Statement</h2>
---

The Coastal Project Questionnaire (CPQ) is a diagnostic tool that will identify the state and federal permit requirements for your project that are subject to a consistency review. You must answer all questions. If you answer "Yes" to any of the questions, please call that specific department for further instructions to avoid delay in processing your application. You can find an agency contact list online at <http://alaskacoast.state.ak.us/Contacts/PRCregcont.html>.

A complete project packet includes accurate maps and plan drawings at scales large enough to show details, copies of your state and federal permit applications, your answers to this questionnaire, and a complete consistency evaluation. DCOM will notify you within 21 days of receipt if the packet is incomplete and what information is still required.

For additional information or assistance, you may call or email the [Juneau Project Review](#) at (907) 465-2142, or the [Anchorage Project Review](#) at (907) 269-7478. This CPQ document contains numerous hyperlinks (underlined text that has a connection to an internet web page) and is best viewed on-line. Additional instructions are available at <http://www.alaskacoast.state.ak.us/Projects/pcpq.html>

**■ APPLICANT INFORMATION**

<p><u>1. Municipality of Anchorage</u> Name of Applicant</p> <p><u>3640 E. Tudor Road, Warehouse #1</u> Address</p> <p><u>Anchorage, AK 99507</u> City/State/Zip</p> <p><u>907-343-8248</u> Daytime Phone</p> <p align="center"><u>FleagleMR@ci.anchorage.ak.us</u> E-mail Address</p> <p>Fax Number</p>	<p><u>2. HDR Alaska, Inc.-Jessica Sayers</u> Agent (or responsible party if other than applicant)</p> <p><u>2525 C Street, Suite 305</u> Address</p> <p><u>Anchorage, AK 99503</u> City/State/Zip</p> <p><u>907-644-2029</u> Daytime Phone</p> <p align="center"><u>jessica.sayers@hdrinc.com</u> E-mail Address</p> <p>Fax Number</p>
--	--

**■ PROJECT INFORMATION**

1. This activity is a:  new project  modification or addition to an existing project Yes No
2. If this is a modification or an addition, do you currently have any State, federal or local approvals for this activity?

*NOTE: Approval means any form of authorization. If "yes," please list below:*

Approval Type	Approval #	Issuance Date	Expiration Date
Temporary Water Use Permit	TWUP A2005-31	06/16/2005	04/01/2010

3. If this is a modification, was this original project reviewed for consistency with the Alaska Coastal Management Program?
- Previous ACMP I.D. Number: \_\_\_\_\_ (example: AK 0706-05AA or ID2004-0505JJ)
- Previous Project Name: \_\_\_\_\_ Previous Project Applicant: \_\_\_\_\_

**■ PROJECT DESCRIPTION**

**Attach** a complete and detailed narrative description of your new project or of your modification/addition including ALL associated facilities and changes to the current land or water use (if not already attached as part of an agency application). Clearly delineate the project boundaries and all property owners, including owners of adjacent land, on the site plan. The scale of the maps and plan drawings must be large enough to show pertinent details. Identify your proposed footprint or

**State of Alaska, Department of Natural Resources, Division of Coastal & Ocean Management**

disturbed area. If this project is a modification to an approved project, identify existing facilities and proposed changes on the site plan.

Proposed starting date for project: EXISTING Proposed ending date for project: \_\_\_\_\_

**■ PROJECT LOCATION and LAND OWNERSHIP**

Yes No

4. Describe/identify the project location on a map (Including nearest community, the name of the nearest land feature or body of water, and other legal description such as a survey or lot number.).

Township 13N Range 3W Section 30 Meridian SEWARD

Latitude/Longitude 61.18808 / -149.87695 (specify Decimal Degrees or Degrees, Minutes, Seconds)

USGS Quad Map \_\_\_\_\_

5. The project is located on:  State land or water\*  Federal land  Private land  Municipal land  
(Check all that apply)  Mental Health Trust land  University of Alaska land

Contact the applicable landowner(s) to obtain necessary authorization. State land ownership can be verified using [Alaska Mapper](#). \*State land can be uplands, tidelands or submerged lands to 3 miles offshore.

6. Is the project within or associated with the Trans Alaska Pipeline corridor? .....  Yes  No

**■ COASTAL DISTRICT**

Yes No

7. Is the project located in a coastal district? .....  Yes  No

If yes, identify the applicable coastal district(s) Southcentral and contact them to ensure your project conforms with district policies and zoning requirements. Coastal districts are a municipality or borough, home rule or first class city, second class municipality with planning powers, or coastal resource service area. A coastal district is a participant in the State's consistency review process. Early interaction with the district can benefit you significantly; please contact the district representative listed on the contact list at

<http://www.alaskacoast.state.ak.us/Contacts/PRCregcont.html>

**■ DEPARTMENT OF NATURAL RESOURCES (DNR) APPROVALS**

**DNR DIVISION OF MINING, LAND & WATER- LAND SECTION**

Yes No

1. Is the proposed project on State-owned land or water or will you need to cross State-owned land for access? (NOTE: State land includes the land below the ordinary high water line of navigable streams, rivers and lakes, and in marine waters, below the mean high tide line seaward for three miles. State land does not include Alaska Mental Health Trust Land or University of Alaska Land.) .....  Yes  No

2. If you answered yes to the question above, indicate the person you contacted at the appropriate [Division of Mining, Land and Water](#) regional office for information.

a) Name/date of Contact: \_\_\_\_\_

b) Is an application required for the proposed activity? .....  Yes  No

c) If "YES" then submit a signed copy of the completed application to the DCOM. If "No", explain why an application isn't required. Explanation: \_\_\_\_\_

**DNR DIVISION OF MINING, LAND & WATER- MATERIALS SECTION**

Yes No

3. Do you plan to dredge or otherwise excavate or remove materials such as rock, sand, gravel, peat, or overburden from any land regardless of ownership? .....  Yes  No

a) Location of excavation site if different than the project site: \_\_\_\_\_

Township \_\_\_\_\_ Range \_\_\_\_\_ Section \_\_\_\_\_ Meridian \_\_\_\_\_

4. At any one site (regardless of land ownership), do you plan any of the following? .....  Yes  No

Excavate five or more acres over a year's time

Excavate 50,000 cubic yards or more of materials (rock, sand, gravel, soil, peat, overburden, etc.) over a year's time

Have a cumulative, un-reclaimed, excavated area of five or more acres

5. Do you plan to place fill or excavated material on State-owned land? .....  Yes  No

a) Location of fill or material disposal site if different than the project site: \_\_\_\_\_

Township \_\_\_\_\_ Range \_\_\_\_\_ Section \_\_\_\_\_ Meridian \_\_\_\_\_

6. If you answered yes to any question above, indicate the person you contacted at the appropriate [Division of Mining,](#)

**State of Alaska, Department of Natural Resources, Division of Coastal & Ocean Management**

Land and Water regional office for information.

- a) Name/date of Contact: \_\_\_\_\_
- b) Is an application required for the proposed activity? .....
- c) If "YES" then submit a signed copy of the completed application to the DCOM. If "No", explain why an application isn't required. Explanation: \_\_\_\_\_

**DNR DIVISION OF MINING, LAND & WATER- MINING SECTION**

Yes No

7. Do you plan to mine for locatable minerals such as silver, gold, or copper? .....
8. Do you plan to explore for or extract coal? .....
9. If you answered yes to any question above, indicate the person you contacted at the appropriate Division of Mining, Land and Water regional office for information.
- a) Name/date of Contact: \_\_\_\_\_
- b) Is an application required for the proposed activity? .....
- c) If "YES" then submit a signed copy of the completed application to the DCOM. If "No", explain why an application isn't required. Explanation: \_\_\_\_\_

**DNR DIVISION OF MINING, LAND & WATER- WATER SECTION**

Yes No

10. Will this project or development divert, impound, withdraw, or use any fresh water (regardless of land ownership)?  
*(NOTE: If you know of other water users who withdraw from the same source or any potential conflicts affecting this use of water, contact the Water Section. If you are obtaining water exclusively from either an existing Public Water Supply or from a rainwater catchment system, you are not required to contact the DNR Water Section regional office.)* .....
- a) Check all points-of-withdrawal or water sources that apply:
- Public Water system (name): \_\_\_\_\_
  - Stream or Lake (name): \_\_\_\_\_
  - Well
  - Rain catchment system
  - Other: \_\_\_\_\_
- b) Intended use(s) of water: building cooling system
- c) Amount (maximum daily, not average, in gallons per day): 350,000 gpd
- d) Is the point of water withdrawal on property you own? .....
11. Do you plan to build or alter a dam (regardless of land ownership)? .....
12. If you answered yes to any question above, indicate the person you contacted at the appropriate Division of Mining, Land and Water regional office for information.
- a) Name/date of Contact: Michael Walton (907-269-8609) 08/18/2010
- b) Is an application required for the proposed activity? .....
- c) If "YES" then submit a signed copy of the completed application to the DCOM. If "No", explain why an application isn't required. Explanation: \_\_\_\_\_

**DNR DIVISION OF FORESTRY**

Yes No

13. Does your operation meet **both** of the following criteria on any land, regardless of ownership?
- a) The project will commercially harvest timber on 10 or more acres, or commercially harvest timber that intersects, encompasses, or borders on surface waters, **and**
  - b) The project involves one or more of the following: site preparation, thinning, slash treatment, construction and maintenance of roads associated with a commercial timber harvest, or any other activity leading to or connected to a commercial timber harvest operation. ....
14. If you answered yes to any question above, indicate the person you contacted at the appropriate Division of Forestry regional office for information.
- a) Name/date of Contact: \_\_\_\_\_
- b) Is an application required for the proposed activity? .....
- c) If "YES" then submit a signed copy of the completed application to the DCOM. If "No", explain why an application isn't required. Explanation: \_\_\_\_\_

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**DNR DIVISION OF OIL & GAS**

- |   |                          |                                     |
|---|--------------------------|-------------------------------------|
|   | Yes                      | No                                  |
| 15. a) Will you be exploring for or producing oil and/or gas? .....   | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| b) Will you conduct surface use activities on/within an oil and gas lease or unit? .....  | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| If yes, please specify: _____   |                          |                                     |
| 16. Do you plan to drill a geothermal well (regardless of land ownership)? .....  | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 17. If you answered yes to any question above, indicate the person you contacted at the appropriate <a href="#">Division of Oil &amp; Gas</a> office for information. |                          |                                     |
| a) Name/date of Contact: _____  |                          |                                     |
| b) Is an application required for the proposed activity? .....  | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| c) If "YES" then submit a signed copy of the completed application to the DCOM. If "No", explain why an application isn't required. Explanation: _____                |                          |                                     |
| Visit the <a href="#">Division of Oil &amp; Gas website</a> for application forms and additional information.   |                          |                                     |

**DNR OFFICE OF HISTORY & ARCHAEOLOGY**

- |   |                          |                                     |
|---|--------------------------|-------------------------------------|
|   | Yes                      | No                                  |
| 18. Will you investigate, remove, or impact historical, archaeological or paleontological resources (anything over 50 years old) on State-owned land? ..... | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 19. If you answered yes to the question above, indicate the person you contacted at the <a href="#">State Historic Preservation Office</a> for information. |                          |                                     |
| a) Name/date of Contact: _____  |                          |                                     |

**DNR DIVISION OF GEOLOGICAL & GEOPHYSICAL SURVEYS**

- |   |                          |                                     |
|---|--------------------------|-------------------------------------|
|   | Yes                      | No                                  |
| 20. Is the proposed project located within a natural hazard area designated by a coastal district in the approved district plan? (Refer to the <a href="#">district plan</a> or contact the <a href="#">coastal district office</a> .) .....  | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| a) If "yes", describe the measures you will take in the siting, design, construction, and operation of the proposed activity to protect public safety, services, and the environment from potential damage caused by the designated natural hazard(s) in the Natural Hazards portion of the attached Coastal Consistency Evaluation (11 AAC 112.210). |                          |                                     |
| 21. If you have contacted someone, please indicate the person you contacted at the <a href="#">Coastal District</a> or the <a href="#">State</a> for information. The <a href="#">Division of Geological &amp; Geophysical Survey</a> may have additional information on hazards for the area.  |                          |                                     |
| a) Name/date of Contact: _____  |                          |                                     |

**DNR DIVISION OF PARKS & OUTDOOR RECREATION**

- |  |                          |                                     |
|--|--------------------------|-------------------------------------|
|  | Yes                      | No                                  |
| 22. Is the proposed project located in a unit of the Alaska State Park System including navigable waters, tidelands or submerged lands to three miles offshore? .....              | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 23. If you answered yes to any question above, indicate the person you contacted at the appropriate <a href="#">DNR Division of Parks &amp; Recreation</a> office for information. |                          |                                     |
| a) Name/date of Contact: _____   |                          |                                     |
| b) Is an application required for the proposed activity? .....   | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| c) If "YES" then submit a signed copy of the completed application to the DCOM. If "No", explain why an application isn't required. Explanation: _____                             |                          |                                     |

**DNR APPROVALS**

List the Department of Natural Resources permits or authorizations required for your project below:

Types of project approvals or permits needed.	Date application submitted
Temporary Water Use Permit	August 20, 2010
Water Right	August 20, 2010

**■ DEPARTMENT OF FISH AND GAME (DFG) APPROVALS**

- |  |                          |                                     |
|--|--------------------------|-------------------------------------|
|  | Yes                      | No                                  |
| 1. Is your project located in a designated State Game Refuge, Critical Habitat Area or State Game Sanctuary? ..... | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 2. Does your project include construction/operation of a salmon hatchery? .....                                    | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

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3. Does your project affect, or is it related to, a previously permitted salmon hatchery? .....
4. Does your project include construction of an aquatic farm? .....
5. Will you work in, remove water or material from, or place anything in, a stream, river or lake? *(NOTE: This includes work or activities below the ordinary high water mark or on ice, in the active flood plain, on islands, in or on the face of the banks, or, for streams entering or flowing through tidelands, above the level of mean lower low tide. If the proposed project is located within a special flood hazard area, a municipal floodplain development permit may be required. Contact the affected city or borough planning department for additional information and a floodplain determination.)* .....
- a) If yes, name of waterbody: \_\_\_\_\_
6. If you answered yes to any questions above, indicate the person you contacted at the appropriate [Department of Fish and Game](#) office for information. *(For projects involving Hatcheries or Aquatic Farms, please contact the [Division of Commercial Fisheries](#). Other projects should contact the [Division of Habitat](#).)*
- a) Name/date of Contact: \_\_\_\_\_
- b) Is an application required for the proposed activity? .....
- c) If "YES" then submit a signed copy of the completed application to the DCOM. If "No", explain why an application isn't required. Explanation: \_\_\_\_\_

**DFG APPROVALS**

List the Department of Fish and Game permits or authorizations required for your project below:

Types of project approvals or permits needed.	Date application submitted

**■ DEPARTMENT OF ENVIRONMENTAL CONSERVATION (DEC) APPROVALS**

**DEC DIVISION OF WATER**

- |  | Yes                                 | No                                  |
|--|-------------------------------------|-------------------------------------|
| 1 a) Will a discharge of non-domestic wastewater to lands, waters, or the subsurface of the state occur? <i>(NOTE: Non-domestic wastewater includes wastewater from commercial or industrial facilities, excavation projects, wastewater from man-made containers or containment areas, or any other non-domestic wastewater disposal activities see 18 AAC 72.990 for definitions.)</i> ..... | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| b) Will a discharge of domestic wastewater or septage to lands, waters or the subsurface of the state occur? <i>(see 18 AAC 72.990 for definitions.)</i> .....   | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| c) Will the wastewater disposal activity require a mixing zone or zone of deposit to meet Water Quality Standards (WQS)? (Many disposal activities require a mixing zone to meet WQS, contact DEC if unsure.) .....  | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| d) Will the project include a stormwater collection/discharge system? .....  | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| e) Will the project include placing fill in wetlands? .....  | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| f) Is the surrounding area inundated with water at any time of the year? .....   | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| g) Do you intend to construct, install, modify or use any part of a domestic or non-domestic wastewater treatment or disposal system? .....  | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| 2. Does your project qualify for a general permit for wastewater? .....  | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| 3. If you answered yes to any questions above, indicate the person you contacted at the <a href="#">DEC-Division of Water</a> for information.   |                                     |                                     |
| a) Name/date of Contact: <u>Wesley Harvey (907)269-7561 08/18/2010</u>   |                                     |                                     |
| b) Is an application required for the proposed activity? .....   | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| c) If "YES" then submit a signed copy of the completed application to the DCOM. If "No", explain why an application isn't required. Explanation: <u>Existing Nondomestic Wastewater Disposal Permit No. 2005DB0010</u>   |                                     |                                     |

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**DEC DIVISION OF ENVIRONMENTAL HEALTH**

- |   | Yes                      | No                                  |
|---|--------------------------|-------------------------------------|
| 4 a) Will your project result in construction, modification, or operation of a facility for solid waste disposal? (NOTE: Solid waste means drilling wastes, household garbage, refuse, sludge, construction or demolition wastes, industrial solid waste, asbestos, and other discarded, abandoned, or unwanted solid or semi-solid material, whether or not subject to decomposition, originating from any source. Disposal means placement of solid waste on land.) ..... | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| b) Will your project result in treatment of solid waste at the site? (Examples of treatment methods include, but are not limited to: incineration, open burning, baling, and composting.) .....   | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| c) Will your project result in storage or transfer of solid waste at the site? .....  | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| d) Will the project result in storage of more than 50 tons of materials for reuse, recycling, or resource recovery? .....   | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| e) Will any sewage solids or biosolids be disposed of or land-applied to the site? (NOTE: Sewage solids include wastes that have been removed from a wastewater treatment plant system, such as a septic tank lagoon dredge, or wastewater treatment sludge that contain no free liquids. Biosolids are the solid, semi- solid or liquid residues produced during the treatment of domestic septage in a treatment works which are land applied for beneficial use.) ..     | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 5. Will your project require application of oil, pesticides, and/or any other broadcast chemicals? .....  | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 6. Does your project qualify for a general permit for solid waste? .....  | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 7. If you answered yes to any question above, indicate the person you contacted at the <a href="#">DEC- Division of Environmental Health</a> for information.   |                          |                                     |
| a) Name/date of Contact: _____  |                          |                                     |
| b) Is an application required for the proposed activity? .....  | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| c) If "YES" then submit a signed copy of the completed application to the DCOM. If "No", explain why an application isn't required. Explanation: _____  |                          |                                     |

**DEC DIVISION OF AIR QUALITY**

- |   | Yes                      | No                                  |
|---|--------------------------|-------------------------------------|
| 8 a) Will you have an asphalt plant designed to process no less than five tons per hour of product? .....   | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| b) Will you have a thermal remediation unit with a rated capacity of at least five tons per hours of untreated material? ..   | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| c) Will you have a rock crusher with a rated capacity of at least five tons per hour? .....   | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| d) Will you have one or more incinerators with a cumulative rated capacity of 1,000 pounds or more per hour? .....  | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| e) Will you have a coal preparation plant? .....  | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| f) Will you have a Port of Anchorage stationary source? .....   | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| g) Will you have a facility with the potential to emit no less than 100 tons per year of any regulated air contaminant?.....  | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| h) Will you have a facility with the potential to emit no less than 10 tons per year of any hazardous air contaminant or 25 tons per year of all hazardous air contaminants?.....   | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| i) Will you be constructing a new stationary source with a potential to emit greater than: .....  | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| <input type="checkbox"/> 15 tons per year (tpy) of PM-10  |                          |                                     |
| <input type="checkbox"/> 40 tpy of nitrogen oxides  |                          |                                     |
| <input type="checkbox"/> 40 tpy of sulfur dioxide   |                          |                                     |
| <input type="checkbox"/> 0.6 tpy of lead; or  |                          |                                     |
| <input type="checkbox"/> 100 tpy of CO within 10 km of a nonattainment area   |                          |                                     |
| j) Will you be commencing construction, or (if not already authorized under 18 AAC 50) relocating a portable oil and gas operation? (answer "yes" unless you will comply with an existing operating permit developed for the portable oil and gas operation at the permitted location; or you will operate as allowed under AS 46.14.275 without an operating permit) ..... | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| k) Will you be commencing construction or (if not already authorized under 18 AAC 50) relocating an emission unit with a rated capacity of 10 million Btu or more per hour in a sulfur dioxide special protection area established under 18 AAC 50.025? .....   | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| l) Will you be commencing a physical change to or a change in the method of construction of an existing stationary source with a potential to emit an air pollutant greater than an amount listed in g) that will cause for that pollutant an emission increase (calculated at your discretion) as either an increase in potential to emit that is greater than: .....      | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| <input type="checkbox"/> 10 tpy of PM-10  |                          |                                     |
| <input type="checkbox"/> 10 tpy of sulfur dioxide   |                          |                                     |
| <input type="checkbox"/> 10 tpy of nitrogen oxides; or  |                          |                                     |
| <input type="checkbox"/> 100 tpy of CO within 10 km of a nonattainment area; or   |                          |                                     |
| actual emissions and a net emissions increase greater than:   |                          |                                     |

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- 10 tpy of PM-10
- 10 tpy of sulfur dioxide
- 10 tpy of nitrogen oxides; or
- 100 tpy of CO within 10 km of a nonattainment area

- m) Will you be commencing construction or making a major modification of a Prevention of Significant Deterioration stationary source under 18 AAC 50.306? .....
- n) Will you be commencing construction or making a major modification of a nonattainment area major stationary source under 18 AAC 50.311? .....
- o) Will you be commencing construction or reconstructing a major stationary source under 18 AAC 50.316, for hazardous air pollutants? Definition of Regulated Air Pollutants can be found at <http://www.epa.gov/ttn/oarpg/t5/memoranda/rapdef.pdf> .....
9. If you answered yes to any questions above, indicate the person you contacted at the [DEC- Division of Air Quality](#) for information.
- a) Name/date of Contact: \_\_\_\_\_
- b) Is an application required for the proposed activity? .....
- c) If "YES" then submit a signed copy of the completed application to the DCOM. If "No", explain why an application isn't required. Explanation: \_\_\_\_\_

**DEC DIVISION OF SPILL PREVENTION AND RESPONSE**

- |  |            |           |
|--|------------|-----------|
|  | <b>Yes</b> | <b>No</b> |
|--|------------|-----------|
- 10 a) Will your project involve the operation of waterborne tank vessels or oil barges that carry crude or non crude oil as bulk cargo, or the transfer of oil or other petroleum products to or from such a vessel or a pipeline system? .....
- b) Will your project require or include onshore or offshore oil facilities with an effective aggregate storage capacity of greater than 5,000 barrels of crude oil or greater than 10,000 barrels of non-crude oil? .....
- c) Will you operate facilities on land or water for exploration or production of hydrocarbons? .....
11. If you answered yes to any questions above, indicate the person you contacted at the [DEC-Division of Spill Prevention and Response](#) office for information.
- a) Name/date of Contact: \_\_\_\_\_
- b) Is a plan required for the proposed activity? .....
- c) If "YES" then submit a signed copy of the completed Oil Discharge Prevention & Contingency Plan to the DCOM. If "No", explain why an application isn't required. Explanation: \_\_\_\_\_

**DEC APPROVALS**

List the Department of Environmental Conservation permits or authorizations required for your project below:

Types of plan approvals or permits needed	Date application submitted
Existing Nondomestic Wastewater Disposal Permit No. 2005DB0010	06/01/2007

**■ FEDERAL APPROVALS**

**U.S. ARMY CORPS OF ENGINEERS (USACE)**

- |  |            |           |
|--|------------|-----------|
|  | <b>Yes</b> | <b>No</b> |
|--|------------|-----------|
1. Will you discharge dredged and/or fill material or perform dredging activities in waters of the U.S? Section 404 of the Clean Water Act requires that a Department of the Army permit be obtained for the placement or discharge of dredged and/or fill material into waters of the U.S., including wetlands (33 U.S.C. 1344). (Your application to the USACE would also serve as application for DEC Water Quality Certification.) .....
2. Will you place fill or structures or perform work in waters of the U.S? Section 10 of the Rivers and Harbors Act of 1899 requires that a Department of the Army permit be obtained for structures or work in or affecting navigable waters of the U.S. (33 U.S.C. 403) (Waters of the U.S. include marine waters subject to the ebb and flow of the tide, rivers, streams, lakes tributaries, and wetlands. If you are not certain whether your proposed project is located within a wetland, contact the USACE Regulatory Division to request a wetlands determination. For additional information about the Regulatory Program, visit [www.poa.usace.army.mil/reg](http://www.poa.usace.army.mil/reg)) .....

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3. If you answered yes to the question above, indicate the person you contacted at the [US Army Corps of Engineers](#) for information.

a) Name/date of Contact: \_\_\_\_\_

b) Is an application required for the proposed activity? .....

c) If "YES" then submit a signed copy of the completed application to the DCOM. If "No", explain why an application isn't required. Explanation: \_\_\_\_\_

**BUREAU OF LAND MANAGEMENT (BLM)**

Yes No

4. Is the proposed project located on BLM land, or will you need to cross BLM land for access? .....

5. If you answered yes to the question above, indicate the person you contacted at the [Bureau of Land Management](#) for information.

a) Name/date of Contact: \_\_\_\_\_

b) Is an application required for the proposed activity? .....

c) If "YES" then submit a signed copy of the completed application to the DCOM. If "No", explain why an application isn't required. Explanation: \_\_\_\_\_

**U.S. COAST GUARD (USCG)**

Yes No

6 a) Do you plan to construct a bridge or causeway over tidal (ocean) waters, or navigable rivers, streams or lakes? .....

b) Does your project involve building an access to an island? .....

c) Do you plan to site, construct, or operate a deepwater port? .....

7. If you answered yes to any question above, indicate the person you contacted at the appropriate [US Coast Guard](#) office for information.

a) Name/date of Contact: \_\_\_\_\_

b) Is an application required for the proposed activity? .....

c) If "YES" then submit a signed copy of the completed application to the DCOM. If "No", explain why an application isn't required. Explanation: \_\_\_\_\_

**U.S. ENVIRONMENTAL PROTECTION AGENCY (EPA)**

Yes No

8 a) Will the proposed project have a discharge to any waters? .....

b) Will you dispose of sewage sludge? .....

c) Will construction of your project expose 1 or more acres of soil? (NOTE: This applies to the total amount of land disturbed, even if disturbance is distributed over more than one season, and also applies to areas that are part of a larger common plan of development or sale.) .....

d) Is your project an industrial facility that will have stormwater discharge directly related to manufacturing, processing, or raw materials storage areas at an industrial plant? If you answered yes to c) or d), your project may require an NPDES Stormwater permit .....

9. If you answered yes to any question above, indicate the person you contacted at the [US Environmental Protection Agency](#) for information.

a) Name/date of Contact: \_\_\_\_\_

b) Is an application required for the proposed activity? .....

c) If "YES" then submit a signed copy of the completed application to the DCOM. If "No", explain why an application isn't required. Explanation: \_\_\_\_\_

**FEDERAL AVIATION ADMINISTRATION (FAA)**

Yes No

10 a) Is your project located within five miles of any public airport? .....

b) Will you have a waste discharge that is likely to decay within 5,000 feet of any public airport? .....

11. If you answered yes to the question above, indicate the person you contacted at the [Federal Aviation Administration](#) for information.

a) Name/date of Contact: \_\_\_\_\_

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**FEDERAL ENERGY REGULATORY COMMISSION (FERC)**

Yes No

- 12 a) Does the project include any of the following: .....
- 1) a non-federal hydroelectric project on any navigable body of water
- 2) locating a hydro project on federal land (including transmission lines)
- 3) using surplus water from any federal government dam for a hydro project
- b) Does the project include construction and operation, or abandonment of interstate natural gas pipeline facilities under sections 7 (b) and (c) of the Natural Gas Act (NGA)? .....
- c) Does the project include construction and operation of natural gas or liquefied natural gas importation or exportation facilities under section 3 of the NGA? .....
- d) Does the project include construction for physical interconnection of electric transmission facilities under section 202 (b) of the FPA? .....
13. If you answered yes to any question above, indicate the person you contacted at the appropriate [Federal Energy Regulatory Commission](#) office for information.
- a) Name/date of Contact: \_\_\_\_\_
- b) Is an application required for the proposed activity? .....
- c) If "YES" then submit a signed copy of the completed application to the DCOM. If "No", explain why an application isn't required. Explanation: \_\_\_\_\_

**U.S. FOREST SERVICE (USFS)**

Yes No

- 14 a) Does the proposed project involve construction on USFS land? .....
- b) Does the proposed project involve the crossing of USFS land with a water line? .....
- c) The current list of Forest Service permits that require ACMP consistency review are online at [http://alaskacoast.state.ak.us/Clawhome/handbook/pdf/11\\_AAC\\_110.pdf](http://alaskacoast.state.ak.us/Clawhome/handbook/pdf/11_AAC_110.pdf) in Article 4, 11 AAC 110.400, pages 28-30. Does your proposed project include any of Forest Service authorizations found on pages 28-30 of the ACMP Handbook? .....
15. If you answered yes to any question above, indicate the person you contacted at [United States Forest Service](#) for information.
- a) Name/date of Contact: \_\_\_\_\_
- b) Is an application required for the proposed activity? .....
- c) If "YES" then submit a signed copy of the completed application to the DCOM. If "No", explain why an application isn't required. Explanation: \_\_\_\_\_

**U.S. FISH AND WILDLIFE SERVICE (USFWS)**

Yes No

- 16 a) Is your proposed project on land managed by the USFWS? .....
- b) Does your project require a Right of Way from the USFWS under 50 C.F.R. 29 and 50 C.F.R 36? .....
17. If you answered yes to any question above, indicate the person you contacted at the [US Fish and Wildlife Service](#) for information.
- a) Name/date of Contact: \_\_\_\_\_
- b) Is an application required for the proposed activity? .....
- c) If "YES" then submit a signed copy of the completed application to the DCOM. If "No", explain why an application isn't required. Explanation: \_\_\_\_\_

**OTHER FEDERAL AGENCY APPROVALS**

Yes No

- 18 a) Other Federal agencies with authorizations reviewable under the Alaska Coastal Management Program are posted online at [http://alaskacoast.state.ak.us/Clawhome/handbook/pdf/11\\_AAC\\_110.pdf](http://alaskacoast.state.ak.us/Clawhome/handbook/pdf/11_AAC_110.pdf) in Article 4, 11 AAC 110.400, pages 28-30. Does your proposed project include any of the Federal agency authorizations found on pages 28-30 of the ACMP Handbook? .....
- b) If yes, which federal authorizations? \_\_\_\_\_

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19. Have you applied for any other federal permits or authorizations? .....

Agency	Approval Type	Date Submitted

**Note: The Coastal Project Questionnaire (CPQ) identifies state and federal permits subject to a consistency review. You may need additional permits from other agencies or the affected city and borough government to proceed with your activity. Attach the documentation requested under the Project Description.**

**ACMP Consistency Evaluation & Certification Statement**

Pursuant to [11 AAC 110.215 \(a\)\(1\)\(c\)](#), the applicant shall submit an evaluation of how the proposed project is consistent with the statewide standards at 11 AAC 112.200 - 11 AAC 112.990 and with the applicable district enforceable policies, sufficient to support the consistency certification. Evaluate your project against each section of the state standards and applicable district enforceable policies using the template below or by submitting a narrative description in letter or report form. District enforceable policies are available on the ACMP website at <http://www.alaskacoast.state.ak.us>. Definitions of key terms can be found at: [11 AAC 110.990](#), [11 AAC 112.990](#) and [11 AAC 114.990](#).

If you need more space for an adequate explanation of any of the applicable standards, please attach additional pages to the end of this document. Be sure to include references to the specific sections and subsections that you are evaluating.

**STATEWIDE STANDARDS**

**11 AAC 112.200. Coastal Development**

**Standard:**

- (a) In planning for and approving development in or adjacent to coastal waters, districts and state agencies shall manage coastal land and water uses in such a manner that those uses that are economically or physically dependent on a coastal location are given higher priority when compared to uses that do not economically or physically require a coastal location.
- (b) Districts and state agencies shall give, in the following order, priority to
  - (1) water-dependent uses and activities;
  - (2) water-related uses and activities; and
  - (3) uses and activities that are neither water-dependent nor water-related for which there is no practicable inland alternative to meet the public need for the use or activity.
- (c) The placement of structures and the discharge of dredged or fill material into coastal water must, at a minimum, comply with the standards contained in [33 CFR Parts 320 - 323](#), revised as of July 1, 2003.

**Evaluation:**

- (a) How is your project economically or physically dependent on a coastal location? Why are you proposing to place the project at the selected location?  
The Loussac Library uses well water for building cooling purposes. The city stopped the Loussac Library from using city water for its cooling system. Water from an existing, on-site well services this system.
- (b) Evaluation of development priority.
  - (1) How is the proposed project water-dependent? Explain.
  - (2) How is the proposed project water-related? Explain.
  - (3) If the proposed project is neither water-dependent nor water-related, please explain why there is not a practicable inland alternative that meets the public need for the use or activity. Explain.  
The Loussac Library's cooling system utilizes water. AWWU has previously advised the library remove its service lines for building cooling purposes. An on-site well now services the system.
- (c) *DCOM defers to the United States Corps of Engineers (USACE) to interpret compliance with the referenced standards.* If you plan to discharge or fill waters of the US, have you applied to the Corps of Engineers for the appropriate authorization?  
N/A

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**11 AAC 112.210. Natural hazard areas.**

**Standard:**

(a) In addition to those identified in [11 AAC 112.990](#), the department, or a district in a district plan, may designate other natural processes or adverse conditions that present a threat to life or property in the coastal area as natural hazards. Such designations must provide the scientific basis for designating the natural process or adverse condition as a natural hazard in the coastal area, along with supporting scientific evidence for the designation.

(b) Areas likely to be affected by the occurrence of a natural hazard may be designated as natural hazard areas by a state agency or, under 11 AAC 114.250(b), by a district.

(c) Development in a natural hazard area may not be found consistent unless the applicant has taken appropriate measures in the siting, design, construction, and operation of the proposed activity to protect public safety, services, and the environment from potential damage caused by known natural hazards.

(d) For purposes of (c) of this section, "appropriate measures in the siting, design, construction, and operation of the proposed activity" means those measures that, in the judgment of the coordinating agency, in consultation with the department's division of geological and geophysical surveys, the Department of Community and Economic Development as state coordinating agency for the National Flood Insurance Program under 44 C.F.R. 60.25, and other local and state agencies with expertise,

(1) satisfy relevant codes and safety standards; or

(2) in the absence of such codes and standards;

(A) the project plans are approved by an engineer who is registered in the state and has engineering experience concerning the specific natural hazard; or

(B) the level of risk presented by the design of the project is low and appropriately addressed by the project plans.

**Evaluation:**

(a) Describe the natural hazards designated in the district plan as they affect this site.

(b) Describe how the proposed project is designed to accommodate the designated hazards. How will you use site design and operate the proposed activity to protect public safety, services and the environment from potential damaged caused by known natural hazards?

The level of risk is low. Additionally, this is an existing well and operation that has been regulatory compliant with no known public safety, service and environmental damage resultant of this operation.

(d)(1) Describe the measures you will take to meet relevant codes and safety standards in the siting, design, construction and operation of the proposed activity.

(d)(2)(A) If your project is located in an area without codes and safety standards, how is your project engineered for the specific natural hazard? Give the name of the appropriately qualified registered engineer who will approve the plans for protecting public safety, services, and the environment from damage caused by hazards OR

(d)(2)(B) If the level of risk presented by the design of the project is low, how do the project plans and project design address the potential natural hazard?

This is an existing well and operation that has been regulatory compliant with no known public safety, service and environmental damage resultant of this operation.

**11 AAC 112.220. Coastal access.**

**Standard:**

Districts and state agencies shall ensure that projects maintain and, where appropriate, increase public access to, from, and along coastal water.

**Evaluation:**

Please explain how the proposed project will maintain and, where appropriate, increase public access to, from and along coastal water.

This project does not impact public acces.

**11 AAC 112.230. Energy facilities.**

**Standard:**

(a) The siting and approval of [major energy facilities](#) by districts and state agencies must be based, to the [extent practicable](#), on the following standards:

(1) site facilities so as to minimize adverse environmental and social effects while satisfying industrial requirements;

(2) site facilities so as to be compatible with existing and subsequent adjacent uses and projected community needs;

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- (3) consolidate facilities;
  - (4) consider the concurrent use of facilities for public or economic reasons;
  - (5) cooperate with landowners, developers, and federal agencies in the development of facilities;
  - (6) select sites with sufficient acreage to allow for reasonable expansion of facilities;
  - (7) site facilities where existing infrastructure, including roads, docks, and airstrips, is capable of satisfying industrial requirements;
  - (8) select harbors and shipping routes with least exposure to reefs, shoals, drift ice, and other obstructions;
  - (9) encourage the use of vessel traffic control and collision avoidance systems;
  - (10) select sites where development will require minimal site clearing, dredging, and construction;
  - (11) site facilities so as to minimize the probability, along shipping routes, of spills or other forms of contamination that would affect fishing grounds, spawning grounds, and other biologically productive or vulnerable habitats, including marine mammal rookeries and hauling out grounds and waterfowl nesting areas;
  - (12) site facilities so that design and construction of those facilities and support infrastructures in coastal areas will allow for the free passage and movement of fish and wildlife with due consideration for historic migratory patterns;
  - (13) site facilities so that areas of particular scenic, recreational, environmental, or cultural value, identified in district plans, will be protected;
  - (14) site facilities in areas of least biological productivity, diversity, and vulnerability and where effluents and spills can be controlled or contained;
  - (15) site facilities where winds and air currents disperse airborne emissions that cannot be captured before escape into the atmosphere;
  - (16) site facilities so that associated vessel operations or activities will not result in overcrowded harbors or interfere with fishing operations and equipment.
- (b) The uses authorized by the issuance of state and federal leases, easements, contracts, rights-of-way, or permits for mineral and petroleum resource extraction are [uses of state concern](#).

**Evaluation:**

(a) If this standard applies to your project, please describe in detail how the proposed project is designed to meet each applicable section of this standard:

- (1) N/A
- (2) N/A
- (3) N/A
- (4) N/A
- (5) N/A
- (6) N/A
- (7) N/A
- (8) N/A
- (9) N/A
- (10) N/A
- (11) N/A
- (12) N/A
- (13) N/A
- (14) N/A
- (15) N/A
- (16) N/A

(b) List the authorizations for state and federal leases, easements, contracts, rights-of-way, water rights, or permits for mineral and petroleum resource extraction you have applied for or received.

Seeking renewal for ADNR Temporary Water Use Authorization: TWUP A2005-31,  
Applying for permanent water rights.

**11 AAC 112.240. Utility routes and facilities.**

**Standard:**

- (a) Utility routes and facilities must be sited inland from beaches and shorelines unless
  - (1) the route or facility is water-dependent or water related; or
  - (2) no practicable inland alternative exists to meet the public need for the route or facility.

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- (b) Utility routes and facilities along the coast must avoid, minimize, or mitigate
- (1) alterations in surface and ground water drainage patterns;
  - (2) disruption in known or reasonably foreseeable wildlife transit;
  - (3) blockage of existing or traditional access.

**Evaluation:**

(a) If the proposed utility route or facility is sited adjacent to beaches or shorelines, explain how the route or facility is water dependent water related or why no practical inland alternative exists.

N/A

---

(b) If the proposed utility route or facility is sited along the coast, explain how you will avoid, minimize or mitigate:

(1) alterations in surface and ground water drainage patterns;

N/A

---

(2) disruption in known or reasonably foreseeable wildlife transit;

N/A

---

(3) blockage of existing or traditional access.

N/A

---

**11 AAC 112.250. Timber harvest and processing.**

**Standard:**

[AS 41.17](#) (Forest Resources and Practices Act) and the regulations adopted under that chapter with respect to the harvest and processing of timber are incorporated into the program and constitute the components of the program with respect to those purposes.

**Evaluation:**

Does your activity involve harvesting or processing of timber? Yes \_\_\_\_\_ No

If yes, please explain how your proposed project meets the standards of the State Forest Resources and Practices Act.

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**11 AAC 112.260. Sand and gravel extraction.**

**Standard:**

Sand and gravel may be extracted from coastal waters, intertidal areas, barrier islands, and spits if there is no practicable alternative to coastal extraction that will meet the public need for the sand or gravel.

**Evaluation:**

If your proposed project includes extracting sand or gravel from [coastal waters](#), intertidal areas, barrier islands or spits, please explain why there is no practicable alternative to coastal extraction that meets the public need for sand or gravel.

N/A

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**11 AAC 112.270. Subsistence.**

**Standard:**

- (a) A project within a subsistence use area designated by the department or under 11 AAC 114.250(g) must avoid or minimize impacts to subsistence uses of coastal resources.
- (b) For a project within a subsistence use area designated under 11 AAC 114.250(g), the applicant shall submit an analysis or evaluation of reasonably foreseeable adverse impacts of the project on subsistence use as part of
  - (1) a consistency review packet submitted under 11 AAC 110.215; and
  - (2) a consistency evaluation under 15 C.F.R. 930.39, 15 C.F.R. 930.58, or 15 C.F.R. 930.76.
- (c) Repealed 10/29//2004, Register 172.

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- (d) Except in nonsubsistence areas identified under AS 16.05.258, the department may, after consultation with the appropriate district, federally recognized Indian tribes, Native corporations, and other appropriate persons or groups, designate areas in which a subsistence use is an important use of coastal resources as demonstrated by local usage.
- (e) For purposes of this section, "federally recognized Indian tribe," "local usage", and "Native corporation" have the meanings given in 11 AAC 114.990.

**Evaluation:**

- (a) Is your proposed project located within a subsistence use area designated by a coastal district?

Yes \_\_\_\_\_ No

If yes, please describe how the proposed project is designed to "avoid or minimize impacts to subsistence uses of coastal resources:"

---

- (b) If your project is located in a subsistence use area designated by the coastal district, provide an analysis or evaluation of its reasonably foreseeable adverse impacts to the subsistence uses.

---

- (c) No response required.

- (d) If your project is not located in a designated subsistence use area, please describe any subsistence uses of coastal resources within the project area. Please be advised that subsistence use areas may be designated by the department during a review.

N/A

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- (e) No response required.

**11 AAC 112.280. Transportation routes and facilities.**

**Standard:**

Transportation routes and facilities must avoid, minimize, or mitigate

- (1) alterations in surface and ground water drainage patterns;
- (2) disruption in known or reasonably foreseeable wildlife transit; and
- (3) blockage of existing or traditional access.

**Evaluation:**

If your proposed project includes transportation routes or facilities, describe how it avoids, minimizes, or mitigates

- (1) alterations in surface and ground water drainage patterns;

N/A

---

- (2) disruption in known or reasonably foreseeable wildlife transit; and

N/A

---

- (3) blockage of existing or traditional access.

N/A

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**11 AAC 112.300. Habitats.**

**Standard:**

- (a) Habitats in the coastal area that are subject to the program are

- (1) offshore areas;
- (2) estuaries;
- (3) wetlands;

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- (4) tideflats;
- (5) rocky islands and sea cliffs;
- (6) barrier islands and lagoons;
- (7) exposed high-energy coasts;
- (8) rivers, streams, and lakes and the active floodplains and riparian management areas of those rivers, streams, and lakes; and
- (9) important habitat.
- (b) The following standards apply to the management of the habitats identified in (a) of this section:
  - (1) offshore areas must be managed to avoid, minimize, or mitigate significant adverse impacts to competing uses such as commercial, recreational, or subsistence fishing, to the extent that those uses are determined to be in competition with the proposed use;
  - (2) estuaries must be managed to avoid, minimize, or mitigate significant adverse impacts to
    - (A) adequate water flow and natural water circulation patterns; and
    - (B) competing uses such as commercial, recreational, or subsistence fishing, to the extent that those uses are determined to be in competition with the proposed use;
  - (3) wetlands must be managed to avoid, minimize, or mitigate significant adverse impacts to water flow and natural drainage patterns;
  - (4) tideflats must be managed to avoid, minimize, or mitigate significant adverse impacts to
    - (A) water flow and natural drainage patterns; and
    - (B) competing uses such as commercial, recreational, or subsistence uses, to the extent that those uses are determined to be in competition with the proposed use;
  - (5) rocky islands and sea cliffs must be managed to
    - (A) avoid, minimize, or mitigate significant adverse impacts to habitat used by coastal species; and
    - (B) avoid the introduction of competing or destructive species and predators;
  - (6) barrier islands and lagoons must be managed to avoid, minimize, or mitigate significant adverse impacts (A) to flows of sediments and water;
    - (B) from the alteration or redirection of wave energy or marine currents that would lead to the filling in of lagoons or the erosion of barrier islands; and
    - (C) from activities that would decrease the use of barrier islands by coastal species, including polar bears and nesting birds;
  - (7) exposed high-energy coasts must be managed to avoid, minimize, or mitigate significant adverse impacts
    - (A) to the mix and transport of sediments; and
    - (B) from redirection of transport processes and wave energy;
  - (8) rivers, streams, and lakes must be managed to avoid, minimize, or mitigate significant adverse impacts to
    - (A) natural water flow;
    - (B) active floodplains; and
    - (C) natural vegetation within riparian management areas; and
  - (9) important habitat
    - (A) designated under 11 AAC 114.250(h) must be managed for the special productivity of the habitat in accordance with district enforceable policies adopted under 11 AAC 114.270(g); or
    - (B) identified under (c)(1)(B) or
    - (C) of this section must be managed to avoid, minimize, or mitigate significant adverse impacts to the special productivity of the habitat.
- (c) For purposes of this section,
  - (1) "important habitat" means habitats listed in (a)(1) – (8) of this section and other habitats in the coastal area that are
    - (A) designated under 11 AAC 114.250(h);
    - (B) identified by the department as a habitat
      - (i) the use of which has a direct and significant impact on coastal water; and
      - (ii) that is shown by written scientific evidence to be biologically and significantly productive; or
    - (C) identified as state game refuges, state game sanctuaries, state range areas, or fish and game critical habitat areas under AS 16.20;
  - (2) "riparian management area" means the area along or around a waterbody within the following distances, measured from the outermost extent of the ordinary high water mark of the waterbody:
    - (A) for the braided portions of a river or stream, 500 feet on either side of the waterbody;
    - (B) for split channel portions of a river or stream, 200 feet on either side of the waterbody;

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- (C) for single channel portions of a river or stream, 100 feet on either side of the waterbody;
- (D) for a lake, 100 feet of the waterbody.

**Evaluation:**

(a) List the habitats from (a) above that are within your proposed project area or that could be affected by your proposed project.

1-offshore area

---

(b) Describe how the proposed project avoids, minimizes, or mitigates impacts to each of the identified habitat(s) in section (a) above.

The proposed project involves an existing well and will not involve any construction activity. The proposed project avoids impacts to offshore areas.

---

(c) No response required.

**11 AAC 112.310. Air, land and water quality**

**Standard:**

Notwithstanding any other provision of this chapter, the statutes and regulations of the Department of Environmental Conservation with respect to the protection of air, land, and water quality identified in AS 46.40.040(b) are incorporated into the program and, as administered by that department, constitute the exclusive components of the program with respect to those purposes.

**Evaluation:** No response required.

**11 AAC 112.320. Historic, prehistoric, and archeological resources.**

**Standard:**

(a) The department will designate areas of the coastal zone that are important to the study, understanding, or illustration of national, state, or local history or prehistory, including natural processes.

(b) A project within an area designated under (a) of this section shall comply with the applicable requirements of AS 41.35.010 – 41.35.240 and 11 AAC 16.010 – 11 AAC 16.900.

**Evaluation:**

(a) Have you contacted the State Historic Preservation Office (SHPO) to see if your project is in a designated area of the coastal zone that is important to the study, understanding, or illustration of national, state, or local history or prehistory, including natural processes?

No. The project involves renewing a temporary water use permit and applying for permanent water rights for an existing well. No ground disturbing activities will result from the proposed action.

---

(b) If your project is within an area designated under (a) of this section, how will you comply with the applicable requirements in the statutes and regulations listed in (b)?

N/A

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**Affected Coastal District Enforceable Policies**

Evaluate each applicable district enforceable policy using a format similar to the one you completed above for the State Standards. District enforceable policies are available at <http://alaskacoast.state.ak.us/>. If you need more space for an adequate explanation of any of the applicable district enforceable policies, please attach additional pages to the end of this document.

**Applicable District Plan(s)** Anchorage

**Enforceable Policy:** No enforceable policies will be affected by the proposed action.

**Evaluation:**  
\_\_\_\_\_  
\_\_\_\_\_

**Enforceable Policy:** \_\_\_\_\_

**Evaluation:**  
\_\_\_\_\_  
\_\_\_\_\_

**Enforceable Policy:** \_\_\_\_\_

**Evaluation:**  
\_\_\_\_\_  
\_\_\_\_\_

**Certification Statement**

The information contained herein is true and complete to the best of my knowledge. I certify that the proposed activity complies with, and will be conducted in a manner consistent with, the Alaska Coastal Management Program.

\_\_\_\_\_  
Signature of Applicant or Agent Date

*Note:* Federal agencies conducting an activity that will affect the coastal zone are required to submit a federal consistency determination, per 15 CFR 930, Subpart C, rather than this certification statement. ACMP has developed a guide to assist federal agencies with this requirement. Contact ACMP to obtain a copy.

This certification statement will not be complete until all required State and federal authorization requests have been submitted to the appropriate agencies.

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**Project Description:** Please provide or attach a brief description of your project including the planned work, any effects to coastal uses and resources and how your project is being designed to avoid, minimize and mitigate those effects.

The Loussac Library uses water for building cooling purposes. The city stopped the Loussac Library from using city water for this purpose. A well was drilled in 2006, to fulfill the water service needed for the Loussac Library's water cooling system. An ADNR Temporary Water Use Permit was obtained for this well in 2005. This permit has since expired. The proposed project seeks the renewal of the Temporary Water Use Permit. The Municipality of Anchorage is also actively applying for water rights. This project is designed to avoid any affects to coastal uses and resources and will not involve any construction or modification to the existing well.

See attached Project Description for additional information.

**Project Area:** Please provide or attach a map of your project location and your proposed work. (Including nearest community, the name of the nearest land feature or body of water, and other legal description such as a survey or lot number.)

Nearest Community: MOA

Nearest Waterbody: Fish Creek

Legal Survey Description: NW1/4SE1/4 Section 30, Township 13N, Range 3 West, Seward Meridian

SEE ATTACHED RECORD DRAWINGS

## **PROJECT DESCRIPTION**

The Loussac Library uses water for building cooling purposes. AWWU has advised the library to stop using the public water system for this purpose. As a result, an on-site well was drilled in 2006 for the building cooling system. Water is withdrawn through a 6 inch pump intake at a depth of approximately 138 feet and transmitted through approximately 160 feet of 6 inch ductile iron pipe service line. The water then runs through a heat exchanger to cool down the building's circulating cooling system. The water will then be discharged through a 6 inch ductile iron pipe for approximately 100 feet where it will discharge into an existing on-site storm drain catch basin. The catch basin drains through 300 feet of 18" corrugated metal pipe into the city's storm drain system along Denali Street. The system will only be in operation from April 1 to November 1, when the ambient outside air rises above 55 degrees Fahrenheit. In the fall, the system will be drained and turned off to prevent freezing.

A DNR Temporary Water Use Permit was authorized for this project in 2005 and has since expired (TWUP A2005-31). A renewal to the expired permit for the building cooling system is being sought until water rights, currently being applied for, are obtained.

**OWNERSHIP DOCUMENTS**



STATUTORY WARRANTY DEED

THE GRANTOR(S), C.R. Foss, Rodney L. Johnston, John P. McManamin,

Patricia A. McManamin, Nancy D. McManamin, Robin J. McManamin, Ethel Elvin Kyzer, Debra Kyzer Ivy a/k/a/ Debra L. Kyzer, Trustee of the KYZER/NORTHERN LIGHTS TRUST.

07E-18

for and in consideration of Ten Dollars (\$10.00) and other valuable consideration in hand paid, conveys and warrants to ANCHORAGE, a municipal corporation, whose address is Property Management and Right of Way Division, Pouch 6-650, Anchorage, Alaska 99502, the following described real estate:

Tract B of the United States Postal Service Main Carrier Station Subdivision according to Plat No. 75-98, filed in the Anchorage Recording District, Third Judicial District, State of Alaska excepting therefrom Tract 3 of the Z. J. Loussac Library Subdivision according to Plat No. 81-41 filed in the Anchorage Recording District, Third Judicial District, State of Alaska.



This Warranty Deed is executed in accordance with Section 34.15.030, Alaska Statutes.

Dated this 9th day of March, 1981.

<u>C.R. Foss</u>	<u>Rodney L. Johnston</u>
<u>John P. McManamin</u>	<u>Patricia A. McManamin</u>
<u>Nancy D. McManamin</u>	<u>Robin J. McManamin</u>
<u>Ethel Elvin Kyzer</u>	<u>Debra Kyzer also known as Debra L. Kyzer</u>
	Trustee of KYZER/NORTHERN LIGHTS TRUST

STATE OF ALASKA )  
THIRD JUDICIAL DISTRICT)

On this 9th day of March, 1981 before me, the undersigned, a Notary Public in and for the State of Alaska duly commissioned and sworn personally appeared JOHN P. McMANAMIN, to me known to be the individual who executed the foregoing instrument as Attorney in fact of ROBIN J. McMANAMIN, PATRICIA A. McMANAMIN, AND NANCY D. McMANAMIN, THEREIN DESCRIBED, AND acknowledged to me that he signed and sealed the said instrument as such attorney in fact for said principal, freely and voluntarily, for the uses and purposes therein mentioned, and on oath stated that the power of attorney authorizing the execution of this instrument has not been revoked and the said Robin J. McManamin, Patricia A. McManamin and Nancy D. McManamin is now living.

WITNESS my hand and official seal hereto affixed the day and year in this certificate above written.

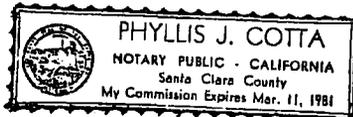
[Signature]  
Notary Public in and for Alaska  
My commission expires: 8-5-85

STATE OF CALIFORNIA )  
COUNTY OF Santa Clara

On this 6th day of March, 1981, before me, the undersigned a Notary Public in and for the State of California, duly commissioned and sworn personally appeared Debra Kyzer Ivy a/k/a Debra L. Kyzer, Trustee of the KYZER/NORTHERN LIGHTS TRUST, to me known to be the individual who executed the foregoing instrument, and acknowledged to me that she is the Trustee and acknowledged to me that she signed and sealed the said instrument as her free and voluntary act and deed and the free and voluntary act and deed of KYZER/NORTHERN LIGHTS TRUST, for the uses and purposes therein mentioned.

WITNESS my hand and official seal hereto affixed the day and year in this certificate above written.

[Signature]  
Notary Public in and for California  
My commission expires: 3/11/81



8-011304  
14-

RECORDED  
ANCHORAGE REG.  
DISTRICT

MAR 10 9 44 AM '81

REQUESTED BY LAWYERS  
ADDRESS \_\_\_\_\_

STATE OF ALASKA )  
THIRD JUDICIAL DISTRICT ) ss

On this 9th day of March, 1981, before me, the undersigned, a Notary Public in and for the State of Alaska, duly commissioned and sworn personally appeared C.R. Jones (Chad Elton Kasper) to me known to be the individual described in and who executed the foregoing instrument, and acknowledged to me that they signed and sealed the said instrument as their free and voluntary act and deed for the uses and purposes therein mentioned.

WITNESS my hand and official seal hereto affixed the day and year in this certificate above written.

[Signature]  
Notary Public in and for Alaska.  
My commission expires: 8-5-85

## **RECORD DRAWINGS**

**LEGEND**

PROPOSED	EXISTING	DESCRIPTION
●	●	2" DIA ALUMINUM CAP
○	○	FOUND 5/8" REBAR
○	○	MAGNAIL
○	○	CONTROL POINTS
---	---	CENTERLINE
---	---	EASEMENT LINE
---	---	PROPERTY LINE
○	○	LIGHT POLE
○	○	SANITARY SEWER MANHOLE
○	○	J-BOX
○	○	STORM DRAIN MANHOLE
○	○	STORM DRAIN CATCH BASIN MANHOLE
○	○	STORM DRAIN CATCH BASIN
○	○	SIGN
---	---	EDGE OF ROAD
---	---	MAJOR CONTOUR
---	---	MINOR CONTOUR
---	---	CONIFEROUS TREE
---	---	DECIDUOUS TREE
---	---	SHRUB
---	---	GROUNDWATER EXTRACTION WELL
---	---	WATER LINE WITH VALVE
---	---	SANITARY SEWER LINE
---	---	STORM DRAIN LINE
---	---	UNDERGROUND ELECTRIC LINE
○	○	TEST BORE
---	---	NPW - NON-POTABLE WATER

**ABBREVIATIONS**

AC	PVMT	ASPHALT CEMENT PAVEMENT
BGL		BELOW GROUND LEVEL
CMP		CORRUGATED METAL PIPE
DIP		DUCTILE IRON PIPE
FT		FOOT
INV		INVERT
MIN		MINIMUM
MOA		MUNICIPALITY OF ANCHORAGE
OC		ON CENTER
OD		OUTER DIAMETER

**SURVEY CONTROL**

POINT	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	10792.40	20989.77	107.04	REBAR
2	11051.67	21240.57	104.50	REBAR
101	10870.20	21065.03	103.65	MAGNAIL
102	10939.10	21131.68	103.19	MAGNAIL

**HORIZONTAL CONTROL**

Coordinates are based on an assumed datum in U.S. Feet. The Basis of Bearing is along Denali Street between East Tudor Rd and East 40th Ave, the bearing being N 00-10-31 W. Bearings are based on the Plat of DTC SUBDIVISION, TRACT 1 AND LOTS 1 THRU 3 filed as Plat No. 97-74 in the Anchorage Recording District, Third Judicial District, State of Alaska.

**VERTICAL CONTROL**

Elevations are based on the Municipality of Anchorage Vertical Control Network in U.S. Feet. The Basis of Elevations is benchmark "GAAB-93" having a value of 113.95 feet above Mean Sea Level.

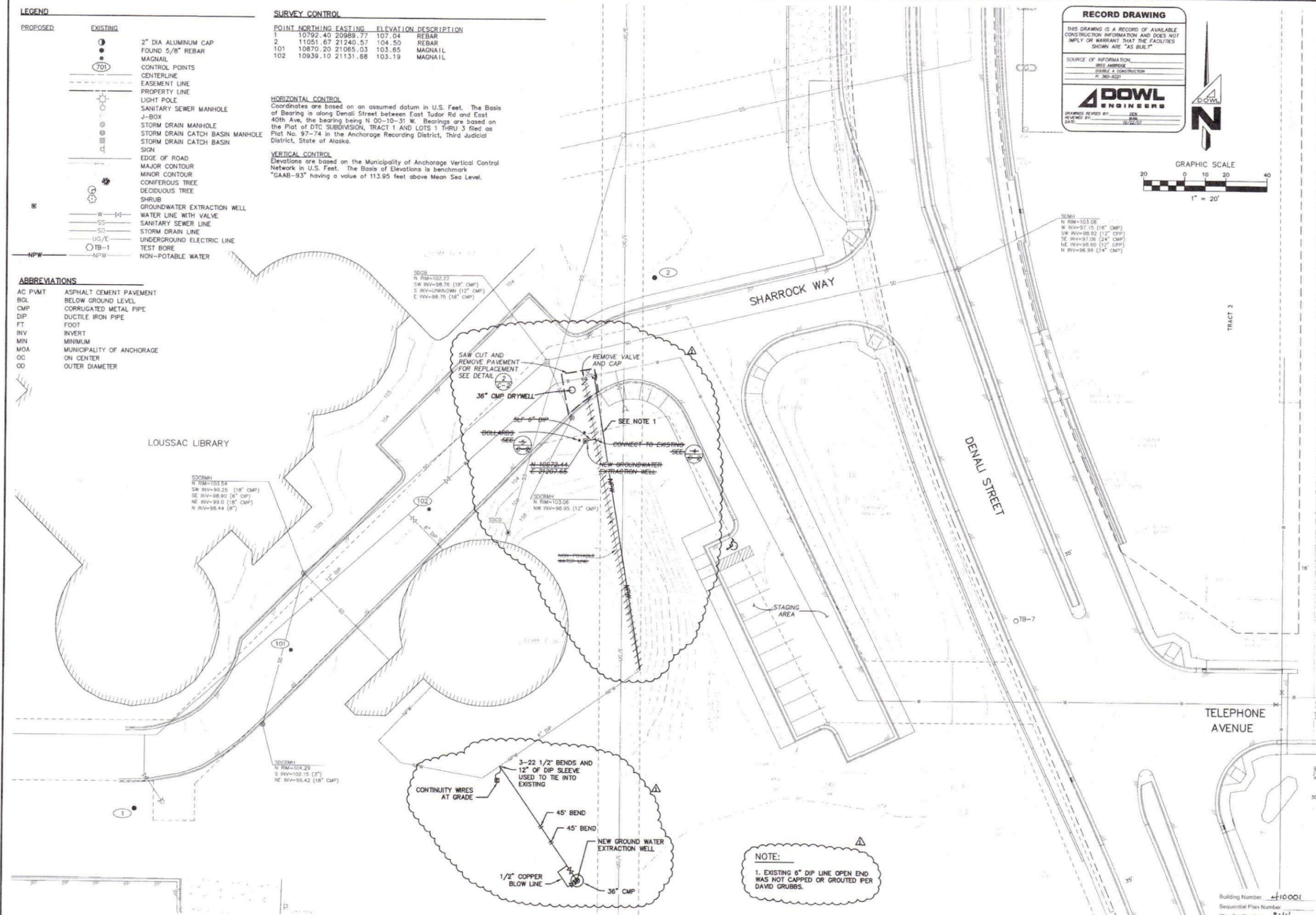
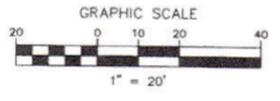
**RECORD DRAWING**

THIS DRAWING IS A RECORD OF AVAILABLE CONSTRUCTION INFORMATION AND DOES NOT IMPLY OR WARRANT THAT THE FACILITIES SHOWN ARE "AS BUILT"

SOURCE OF INFORMATION	DATE
DRG AMBROSE	
DRIVE & CONSTRUCTION	
P. 365-6221	



DRAWING REVISIONS:  
 REVISION NO. | DATE | DESCRIPTION

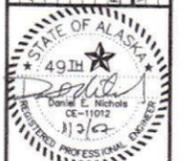


PLOTED: NOV 05 2007 14:34:53 (CS)

DRAWING NAME: RDS-LONG SCRIPT FILE FOR RAS SHEET:

PROJECT: 058942

NO.	DATE	DESCRIPTION	BY
1	10/16/07	RECORD DRAWING	



**DOWL ENGINEERS**  
 4040 "B" Street Anchorage, Alaska 99503  
 PHONE (907) 562-2000 FAX (907) 563-3953

**SITE PLAN**  
 Loussac Library Cooling Water Well

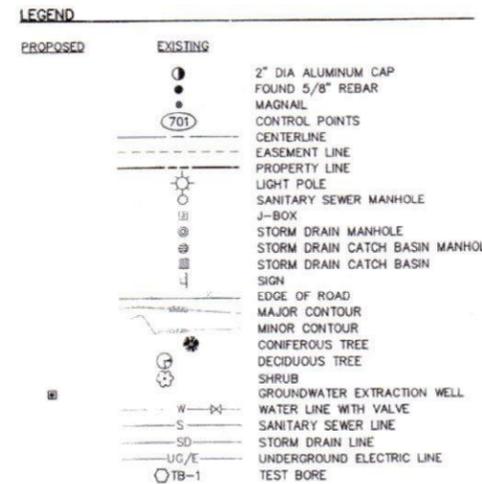
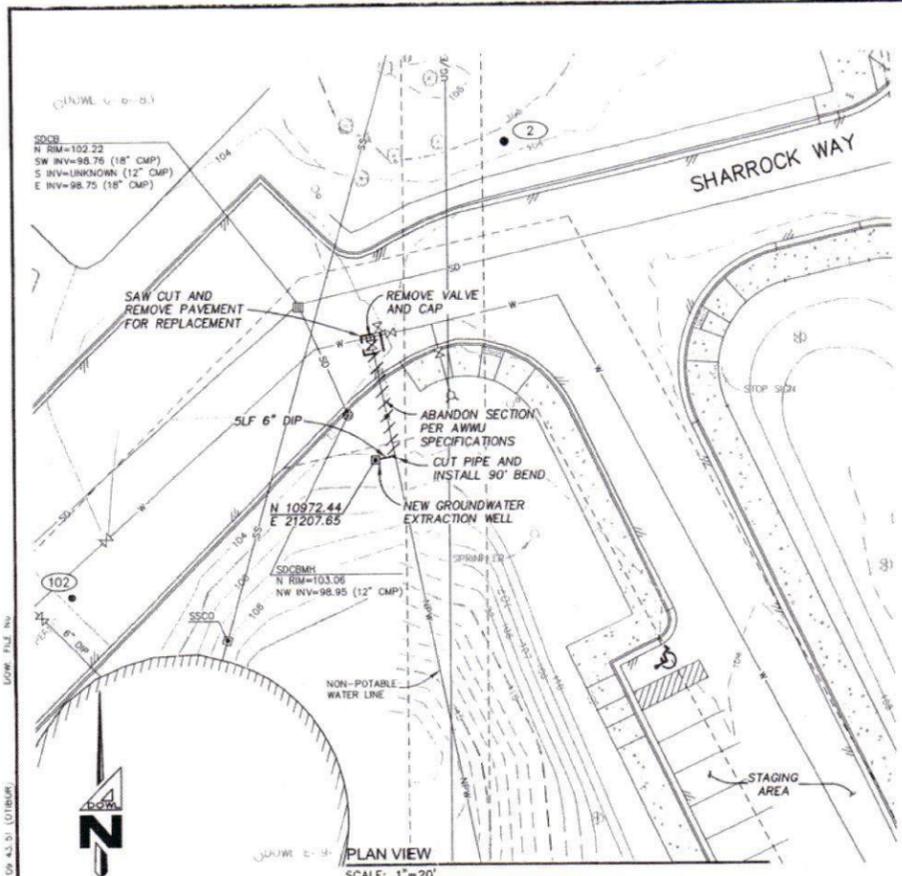
CHECKED BY	DATE	SCALE
DRM	4/29/05	1"=20'

DRAWN BY	W.O. NO.	F.B. NO.	REF. DWG.	LOCATION
DRM	058942	1885	251-67	16.31

SHEET
C-1

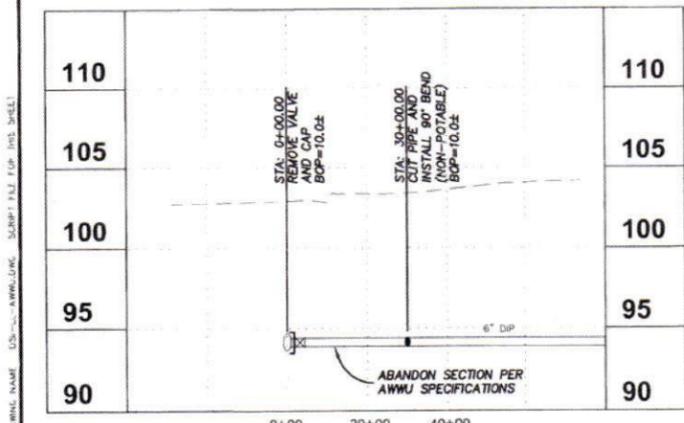
**NOTE:**  
 1. EXISTING 6" DIP LINE OPEN END WAS NOT CAPPED OR GROUTED PER DAVID GRUBBS.

Building Number 410001  
 Sequential Plan Number  
 Plan Set Number 244



*1/2\"/>*

Approved as apparently complying with laws, rules, regulations and codes adopted by the Municipality of Anchorage. Omissions and errors that may develop are subject to code compliance.  
 Reviewed by *[Signature]* Date *5/5/05*  
 prepared by *[Signature]* Date *5/5/05*



**WATER PROFILE**  
 SCALE: 1"=20' HORIZ.  
 1"=5' VERT.

**SURVEY CONTROL**

POINT	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	10792.40	20989.77	107.04	REBAR
2	11051.57	21240.57	104.50	REBAR
101	10870.20	21065.03	103.65	MAGNAIL
102	10939.10	21131.68	103.19	MAGNAIL
701	10020.18	20619.22		ALCAP
702	10003.87	21557.90		ALCAP
703	10020.24	20854.27		ALCAP

**HORIZONTAL CONTROL**  
 Coordinates are based on an assumed datum in U.S. Feet. The Basis of Bearing is along Denali Street between East Tudor Rd and East 40th Ave, the bearing being N 00-10-31 W. Bearings are based on the Plat of DTC SUBDIVISION, TRACT 1 AND LOTS 1 THRU 3 filed as Plat No. 97-74 in the Anchorage Recording District, Third Judicial District, State of Alaska.

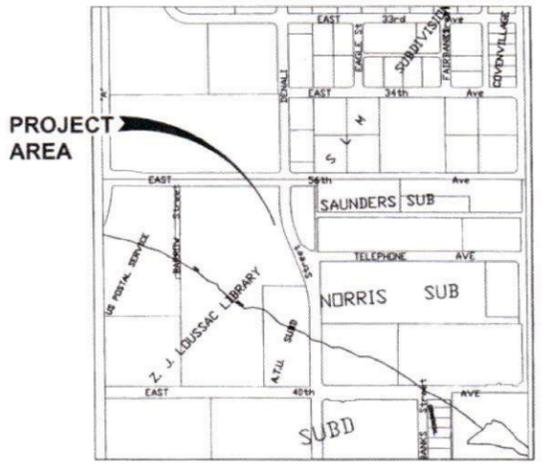
**VERTICAL CONTROL**  
 Elevations are based on the Municipality of Anchorage Vertical Control Network in U.S. Feet. The Basis of Elevations is benchmark "GAAB-93" having a value of 113.95 feet above Mean Sea Level.

**GENERAL CONSTRUCTION NOTES**

- ALL CONSTRUCTION SHALL BE INSTALLED AS SPECIFIED IN THE MOST CURRENT EDITION OF THE MUNICIPALITY OF ANCHORAGE STANDARD SPECIFICATIONS FOR STREETS-DRAINAGE-UTILITIES-PARKS (MASS). THE AWWU DESIGN AND CONSTRUCTION PRACTICES MANUAL, AND THE SPECIAL PROVISIONS.
- MAINTAIN A MINIMUM OF TEN (10) FEET HORIZONTAL AND EIGHTEEN (18) INCHES VERTICAL SEPARATION BETWEEN WATER AND SANITARY OR STORM SEWER MAINS AND SERVICES. SANITARY AND STORM SEWER PIPE JOINTS SHALL BE PLACED AT LEAST NINE (9) FEET FROM ANY WATERLINE CROSSING.
- MAINTAIN A MINIMUM OF 36-INCHES OF VERTICAL SEPARATION BETWEEN ANY STORM SEWER (STORM DRAIN OR FOOTING DRAIN) AND WATERLINE (MAINS OR SERVICES) OR SANITARY SEWER (MAINS OR SERVICES). IF 36-INCHES CANNOT BE MAINTAINED, PROVIDE A MINIMUM OF 4-INCH THICK INSULATION.
- CONTRACTOR SHALL VERIFY AND RECORD THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL UTILITIES ENCOUNTERED IN THE FIELD AND RECORD ANY CHANGES ON THE CONTRACTOR RECORD DRAWINGS.
- THE CONTRACTOR SHALL RESTORE ALL DISTURBED PROPERTY, INCLUDING DRAINAGE SWALES, DISTURBED BY CONTRACT ACTIVITIES TO PRECONSTRUCTION CONDITION.
- IN CASE OF CONFLICT BETWEEN STATIONING LOCATION OF PIPE OR FITTINGS, USE DIMENSIONED LOCATIONS RELATIVE TO THE CENTERLINE AND PROPERTY LINE. THE DIMENSIONED LOCATIONS SHALL GOVERN.
- THE CONTRACTOR SHALL RECORD SURVEY NOTES FOR SUBMITTAL WITH RECORD DRAWING PLANS PRIOR TO CONTRACT FINAL PAYMENT.
- CONTRACTOR SHALL FIELD INSTALL RESTRAINED FITTINGS ON ALL MECHANICAL JOINTS.
- CONTRACTOR SHALL USE DUCTILE IRON PIPE (DIP) LONG SOLID SLEEVES WITH RESTRAINED JOINTS TO FACILITATE CONNECTING DIP TO DIP OF SAME SIZE.
- ALL DUCTILE AND CAST IRON PIPE AND FITTINGS SHALL BE ENCASED IN 8-MILS OF POLYETHYLENE WRAP, AS PER MASS SECTION 60.07 "POLYETHYLENE ENCASEMENT."
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR EROSION AND SEDIMENT CONTROLS AS NECESSARY TO COMPLY WITH FEDERAL, STATE, AND MUNICIPAL LAWS THAT PROHIBIT UNPERMITTED DISCHARGE OF POLLUTANTS, INCLUDING SEDIMENTS, THAT ARE A RESULT OF EROSION AND OTHER CONSTRUCTION ACTIVITIES. THE CONTRACTOR SHALL CONDUCT ALL WORK SO SEDIMENT IS NOT TRANSPORTED ONTO THE ROADWAY OR ADJACENT PROPERTY. AT A MINIMUM, THE CONTRACTOR SHALL SWEEP UP ANY SEDIMENT TRACKED ONTO PAVED SURFACES IN PUBLIC RIGHT-OF-WAY WITHIN 24 HOURS OF THE TRACKING TO MINIMIZE THE WASH-OFF OF SEDIMENT INTO THE STORM DRAINS OR WATERWAYS.

**WATER CONSTRUCTION NOTES**

- AWWU, AFD AND EXISTING CUSTOMERS SHALL BE NOTIFIED SEVENTY-TWO (72) HOURS IN ADVANCE OF WATER SERVICE INTERRUPTION. THE CONTRACTOR SHALL BE RESPONSIBLE TO PROVIDE TEMPORARY WATER SERVICE TO THE EXISTING CUSTOMERS IF THE OUTAGE EXCEEDS 6-HOURS OR IF DEEMED NECESSARY BY THE ENGINEER. THE CONTRACTOR SHALL HAVE A TEMPORARY WATER SERVICE PLAN REVIEWED AND APPROVED BY ADEC.
- ALL WATER MAINS SHALL BE CLASS 52, DUCTILE IRON PIPE.
- ALL BENDS, TEES, FIRE HYDRANTS, AND DEAD-ENDS SHALL HAVE RESTRAINED FITTINGS.
- THRUST RESTRAINT SHALL BE PROVIDED BY USE OF FIELD-LOK GASKETS (OR EQUAL) OR MEG-A-LUG FITTINGS (OR EQUAL) ON ALL MECHANICAL JOINTS. THE USE OF THRUST BLOCKS WILL NOT BE ALLOWED.
- ALL WATER MAIN AND SERVICE TRENCHES AND BEDDING SHALL BE COMPACTED TO 95% OF MAXIMUM DENSITY.



**VICINITY MAP**  
 SCALE: 1"=500'

**SURVEY CONTROL NOTES**

- THE FIELD SURVEY WAS PERFORMED BY DOWL ENGINEERS IN NOVEMBER 2004.
- CONTOUR INTERVAL = 1 FOOT.
- MANHOLE LOCATIONS ARE SHOWN TO APPROXIMATE CENTER OF STRUCTURE.
- ALL ROADWAY SURFACES ARE ASPHALT UNLESS OTHERWISE NOTED.
- UNDERGROUND NATURAL GAS, TELEPHONE, ELECTRIC, AND CABLE TV LINES WERE FIELD LOCATED. PRIVATE SERVICE LINES WERE NOT FIELD LOCATED UNLESS SHOWN HEREON.
- AWWU AND STREET MAINTENANCE DID NOT RESPOND TO OUR LOCATE REQUEST.
- LOCATION OF WATER UTILITY LINES IS APPROXIMATE. THEY ARE DRAWN FROM VALVE TO VALVE USING AS BUILT INFORMATION AND WERE NOT FIELD LOCATED.
- UNDERGROUND STREET LIGHT LINES EXIST WITHIN THE PROJECT AREA.
- UNDERGROUND NATURAL GAS, TELEPHONE, ELECTRIC, AND CABLE TV LINE CROSSINGS IN THE PROFILE ARE SHOWN AT AN ASSUMED VERTICAL LOCATION. EXACT VERTICAL LOCATIONS SHOULD BE VERIFIED.
- A TITLE SEARCH WAS NOT PERFORMED. EASEMENTS OF RECORD OTHER THAN THOSE SHOWN ON THE RECORDED PLATS ARE NOT SHOWN HEREON.
- ALL DISTURBED PROPERTY CORNERS SHALL BE REPLACED BY THE CONTRACTOR IN ACCORDANCE WITH SPECIAL PROVISION 65.02, ARTICLE 2.1 PROJECT CONTROL.



**WATER KEY MAP**  
 SCALE: 1"=300'

BASED UPON AWWU'S INTERPRETATION OF THE DESIGN ENGINEER'S INTENT, THIS PLAN APPROVAL IS TO ENSURE THAT THE PLANS WERE DESIGNED TO AWWU'S STANDARDS AND THE SIGNER IS NOT LIABLE FOR ANY ERRORS OR OMISSIONS.  
**APPROVED FOR CONSTRUCTION**  
 By Anchorage Water and Wastewater Utility  
 Date *5/12/05* by *[Signature]*

**BEFORE YOU DIG CALL FOR FREE UNDERGROUND LOCATION**

Locate Call Center of Alaska  
 Anchorage Area..... 278-3121  
 Statewide..... 800-478-3121  
 who will notify subscribed utilities only.  
 Other utilities need to be contacted individually.

**VERIFY SCALE** THIS BAR REPRESENTS ONE INCH ON ORIGINAL DRAWING. 0" = 1"

DATA	DATE	BY	DESCRIPTION	BY	
BASE	DRM	TELEPHONE	8/3/05	AS PER AWWU COMMENTS	DN
TOPOGRAPHY	DRM	ELECTRIC			
PROFILE	DRM	CABLE TV			
SANITARY SEWER	DESIGN	TRAFFIC SIGNAL			
STORM SEWER	DESIGN				
WATER	DRM	QUANTITIES			
GAS	DRM	MIN. FINAL CHECK			

PLAN CHECK REVISIONS

**RECORD DRAWING** Note: To be filled out on original drawings upon project completion.

1. DATA PROVIDED BY: This will serve to certify that these Record Drawings are a true and accurate representation of the project as constructed.  
 CONTRACTOR: \_\_\_\_\_  
 BY: \_\_\_\_\_ TITLE: \_\_\_\_\_  
 DATE: \_\_\_\_\_

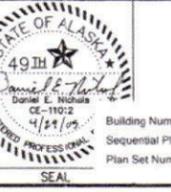
2. DATA TRANSFERRED BY: \_\_\_\_\_  
 COMPANY: \_\_\_\_\_  
 DATE: \_\_\_\_\_

3. Based on periodic field observations by the Engineer (or an individual under his/her direct supervision), the Contractor-provided data appears to represent the project as constructed.  
 DATA TRANSFER CHECKED BY: \_\_\_\_\_  
 COMPANY: \_\_\_\_\_  
 BY: \_\_\_\_\_ TITLE: \_\_\_\_\_  
 DATE: \_\_\_\_\_

**OWNER'S SIGNATURE**

*[Signature]*  
 MR. GENE TURLAK  
 ACTING MANAGER,  
 FACILITY & FLEET MAINTENANCE  
 3640 E. TUDOR ROAD, WAREHOUSE #1  
 ANCHORAGE, ALASKA 99507

CONSULTANT



Building Number *410001*  
 Sequential Plan Number  
 Plan Set Number *244A*

LOUSSAC LIBRARY COOLING WATER WELL  
 Z.J. LOUSSAC LIBRARY SUBDIVISION, TRACT 1  
**WATER PLAN AND PROFILE**

HORIZ SCALE: 1"=20'  
 VERT SCALE: 1"=5'  
 DATE: 4/28/05 GRD: 1731  
 PROJ. ID.: PS-05-047

SHEET **C1.0** of 1

*JN# PS-05-047*

**DNR:  
TWUP A2005-31**



ALASKA DEPARTMENT OF NATURAL RESOURCES

Division of Mining, Land, and Water

Water Resources Section

550 West 7<sup>th</sup> Avenue, Suite 1020, Anchorage, AK 99501-3562

**RECEIVED**

MAY 11 2010

**FACILITY & FLEET  
MAINTENANCE**

TEMPORARY WATER USE AUTHORIZATION  
TWUP A2005-31

Pursuant to AS 46.15, as amended and the rules and regulations promulgated thereunder, permission is hereby granted to the Municipality of Anchorage, 3640 E. Tudor Road, Warehouse #1, Anchorage, Alaska 99507, and its contractors, **to withdraw up to 350,000 gallons of water per day** April 1<sup>st</sup> through November 1<sup>st</sup> of each authorized year from the below described source of water. The water will be used for a groundwater cooling system for the Z. J. Loussac Library in Anchorage, Alaska located within the NW1/4SE1/4 Section 30, Township 13 North, Range 3 West, Seward Meridian. The well water used for cooling the Z. J. Loussac Library will be discharged to an existing on-site storm water catch basin that connects to the municipal storm drain system and discharges into Fish Creek at two separate locations approximately two miles downstream from the Z. J. Loussac Library site.

SOURCE OF WATER:

Well to be drilled to a depth of approximately 300 feet within Tract 1, Z. J. Loussac Library Subdivision, Anchorage Recording District, NW1/4SE1/4 Section 30, Township 13 North, Range 3 West, Seward Meridian, Alaska.

STRUCTURES TO BE CONSTRUCTED AND USED:

A drilled well approximately 300 feet deep, pump with a six-inch intake and a 614-gpm output, and approximately 320 feet of pipe.

Changes in the natural state of water are to be made as stated herein and for the purposes indicated.

During the effective period of this authorization, the permittee shall comply with the following conditions:

CONDITIONS:

1. **This authorization does not authorize the permittee to enter upon any lands until proper rights-of-way, easements, or permission documents, from the appropriate landowner, have been obtained.**
2. Follow acceptable engineering standards in exercising the privilege granted herein.
3. Comply with all applicable laws, and any rules and/or regulations issued thereunder.

4. Except for claims or losses arising from negligence of the State, defend and indemnify the State against and hold it harmless from any and all claims, demands, suits, loss, and liability and expense for injury to or death of persons and damages to or loss of property arising out of or connected with the exercise of the privileges covered by this authorization.
5. Notify the Water Resources Section upon change of address.
6. The permittee is responsible for obtaining and complying with other permits/approvals (state, federal, or local) that may be required.
7. Failure to respond to a request for additional information during the term of the authorization may result in the termination of this authorization.
8. The permittee shall allow an authorized representative of the Water Resources Section to inspect, at reasonable times, any facilities, equipment, practices, or operators regulated or required under this authorization.
9. The permittee is responsible for the actions of contractors, agents, or other persons who perform work to accomplish the approved project, and shall ensure that workers are familiar with the requirements of this authorization. For any activity that significantly deviates from the approved project during its siting, construction, or operation, the permittee is required to contact the Water Resources Section and obtain approval before beginning the activity.
10. The Water Resources Section may modify this authorization to include different limitations, expand monitoring requirements, evaluate impacts, or require restoration at the site.
11. Any false statements or representations, in any application, record, report, plan, or other document filed or required to be maintained under this authorization, may result in the termination of this authorization.
12. **Establish a metering system acceptable to the Water Resources Section and submit monthly water use records to the Water Resources Section by November 10th of each authorized year. For approval of the metering system, contact Roy Ireland, State Hydrologist at (907) 269-8639.**
13. **The results of any aquifer tests that are conducted, including raw data and analysis, shall be submitted to this office within 45 days of completion of the aquifer tests. Test pumping shall be accomplished under steady flow conditions at a rate as called for by the Bid Schedule or less as determined by the Engineer. Continuous and accurate measurements of discharge rates shall be maintained and any changes of rate noted in the records. The water level in the casing shall be continuously and accurately measured and the depth recorded on a scheduled basis to provide an accurate account of water drawdown, pumping rates, and time. Water level in the well casing shall be measured with an electrical water level detector. A three-fourth inch PVC pipe shall be installed in the well with the test pump to facilitate operation of the detector. Test pumping shall be continuous and without interruption until data is obtained to determine well yield; however, the Contractor will not be required to maintain over 72 hours of continuous pumping.**
14. **Measure static water level prior to restarting after a twenty-four hour shutdown period of the well and submit shutdown times and water level readings to this office on a quarterly basis. Measurements not to exceed five readings per month.**

15. In accordance with 11 AAC 93.140 (a), a water well log shall be filed with this office within 45 days of completion of the water well.

16. This authorization is subject to an annual administrative service fee.

This Temporary Water Use Authorization is issued pursuant to 11 AAC 93.220. No water right or priority is established by a temporary water use authorization issued pursuant to 11 AAC 93.220. Water so used is subject to appropriation by others (11 AAC 93.210(b)).

The Department may suspend operations authorized under this authorization whenever such suspension shall in its judgment be necessary to protect the public interest or that of a prior appropriator.

**This authorization shall expire on April 1, 2010.**

Date issued: June 16, 2007

Approved: [Signature]

Title: Water Resource Manager

**ADEC:**

**NONDOMESTIC WASTEWATER DISPOSAL PERMIT  
2005DB0010**

# STATE OF ALASKA

**DEPARTMENT OF ENVIRONMENTAL CONSERVATION  
DIVISION OF WATER  
WASTEWATER DISCHARGE PROGRAM**

**SARAH PALIN, GOVERNOR**  
555 Cordova Street  
Anchorage, Alaska 99501  
Phone: (907) 269-8198  
Fax: (907) 269-3487  
www.dec.state.ak.us

June 1, 2007

Mr. John Huzey, Manager  
Facility & Fleet Maintenance  
Municipality of Anchorage  
3640 E. Tudor Road, Warehouse #1  
Anchorage, AK 99503

**Certified Mail 7002 2410 0005 3104 2962**  
**Return Receipt Requested**

ADEC File No. 2100.48.040

Re: Wastewater Disposal Permit No. 2005DB0010 for the MOA, Z. J. Loussac Library.

Dear Mr. Huzey:

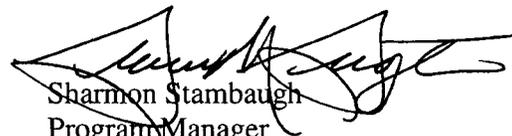
The Alaska Department of Environmental Conservation completed its review of the application by Mr. John Huzey, Manager, Facility & Fleet Maintenance, MOA for a new wastewater disposal permit and issues ADEC Wastewater Disposal Permit No. 2005DB0010.

This permit is effective on June 1, 2007 and expires on May 31, 2012. Please review the terms and conditions in this permit and ensure that they are all understood.

The Department of Environmental Conservation regulations provide that 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. An informal review request must be delivered to the Division Director, 555 Cordova St, Anchorage, Alaska 99501, within 15 days of receiving the permit decision. An adjudicatory hearing request must be delivered to the Commissioner of the Department of Environmental Conservation, 555 Cordova St., Anchorage, Alaska 99501, within 30 days of the permit decision. If a hearing is not requested within 30 days, the right to appeal is waived.

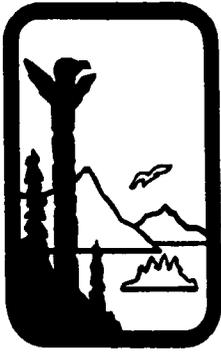
A fee is required for your wastewater permit, in accordance with 18 AAC 72. A separate invoice will be mailed to your facility.

Sincerely,

  
Sharon Stambaugh  
Program Manager  
Wastewater Discharge Program

enc: Permit No. 2005DB0010

cc: Dan Nichols, DOWL Eng/ Anchorage  
Alan Kukla, ADEC/Anchorage  
Thede Tobish, MOA/Anchorage  
Wendy Talow, DNR/Anchorage



STATE OF ALASKA  
DEPARTMENT OF ENVIRONMENTAL CONSERVATION  
DIVISION OF WATER

NONDOMESTIC WASTEWATER DISPOSAL PERMIT  
2005DB0010

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Permit: 2005DB0010

Effective Date: June 1, 2007  
Expiration Date: May 31, 2012

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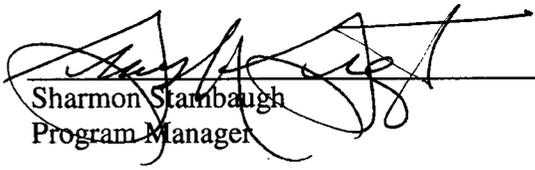
**Issued to:** Municipality of Anchorage  
**Facility Name:** Z.J. Loussac Library  
**Location of Discharge:** Anchorage, Alaska.  
**Latitude:** 61.18808° **Longitude:** -149.87693°  
**Surface discharged to:** A municipal storm drain, then to Fish Creek, then to Cook Inlet.  
**Maximum Volume:** 450,000 gallons per day (gpd).  
**Treatment System Description:** None. Water from a groundwater source is pumped through a liquid to liquid plate heat exchanger, then discharged. No chemical additives are used to condition either heat transfer fluids.

---

This permit is subject to the terms and conditions incorporated herein. This State of Alaska Wastewater Discharge Permit is issued in accordance with AS 46 and 18 AAC 15. It may be terminated or modified in accordance with AS 46.03.120.

These terms and conditions are adopted pursuant to 11 AAC 110 (Project Consistency with the Alaska Coastal Management Program) and are necessary to ensure that project authorized under the permit is consistent with the ACMP. This project is found to be consistent with ACMP.

A Discharge Monitoring Report is attached and must be used for reporting discharge sample analysis results. Noncompliance notification and accidental discharge/sewage spill notification forms are also attached. Copies should be made from the originals for reporting purposes.

  
Sharmon Stambaugh  
Program Manager

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## 1. SPECIFIC PERMIT CONDITIONS

### 1.1. EFFLUENT AND MONITORING WELLS LIMITATIONS

#### 1.1.1. DISCHARGE RESTRICTIONS

The discharge must be free of any additives such as antifreeze solutions, methanol, solvents, corrosion inhibitors, garbage, toxic substances, grease or oils which produce a sheen, foam (other than trace amounts), or other contaminants.

#### 1.1.2. REPRESENTATIVE SAMPLING

Samples and measurements taken as required must be representative of the volume and nature of the monitored discharge.

#### 1.1.3. EFFLUENT LIMITATIONS & MONITORING

- 1.1.3.1. The permittee must monitor the effluent in the following manner while the wastewater is being discharged:

<b>State of Alaska Discharge Monitoring Report (DMR)</b>		Submit this report to:		Alaska Department of Environmental Conservation				
<b>Permit number:</b>	2005DB0010	mail to:		555 Cordova St				
<b>ADEC file number:</b>	2100.48.040			Anchorage, AK 99501				
		or FAX / phone to:	FAX (907) 269-3487 or phone (907) 269-7523					
		or email to:	alan_kukla@dec.state.ak.us					
<b>Name:</b>	Z.J. Loussac Library	<b>Responsible party:</b>	John Huzey					
<b>Address:</b>	3600 Denali Street	<b>Phone / email:</b>	(907) 343-8312 huzeyJM@ci.anchorage.ak.us					
<b>Facility:</b>	Z.J. Loussac Library	<b>Onsite contact:</b>	John Huzey					
<b>Location:</b>	Anchorage, Alaska 99503	<b>Phone / email:</b>	(907) 343-2828 huzeyJM@ci.anchorage.ak.us					
<b>Required Reporting Frequency:</b>	Monthly during months of cooling system operation.	<b>Discharge:</b>	Non contact ground water is used for building cooling for the Loussac Library. The cooling system will only be used during periods of ambient air temperatures => 55 degrees F.		<b>Sample Period:</b>			
					<b>From:</b> 05/01/07			
					<b>To:</b> 05/31/07			
<b>Parameter</b>		<b>Summary of Analytical Results</b>				<b>Units</b>	<b>Francy</b>	<b>Smping</b>
		<b>min</b>	<b>30 day avg</b>	<b>daily avg</b>	<b>max value</b>	<b>number analyses</b>	<b>number violations</b>	<b>Protocol</b>
Flow Rate (effluent)	Estmt'd/Measure Permit Limits	-	450,000	-	450,000	report	report	gpd daily Estmt'd
Temperature (effluent)	Analytical Result Permit Limits	-	-	-	55	report	report	" F hourly May-Sept grab
I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HERIN, AND, BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THAT INFORMATION, I BELIEVE THAT THE SUBMITTED INFORMATION IS TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSI INFORMATION.								
NAME, TITLE OF PRINCIPAL EXECUTIVE OFFICER								
								( ) -
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT						DATE		TELEPHONE
COMMENT AND EXPLANATION OF ANY VIATIONS (REFERENCE ALL ATTACHMENT HERE)								
CHECK HERE IF THERE WAS NO DISCHARGE DURING THE ENTIRE REPORTING PERIOD.								
Analytical Method to be use for temperature measurement is StdMthds 2550 or other ADEC approved method.								

1.1.4. COMPLIANCE WITH ALASKA ADMINISTRATIVE CODE

The discharge shall not cause contamination of surface or groundwater, and shall not cause or contribute to a violation of the Alaska Water Quality Standards (18 AAC 70), the Alaska Wastewater Disposal Regulations (18 AAC 72), or Alaska Water Rights Regulations (11 AAC 93), as regulated by the Alaska Department of Natural Resources.

1.1.5. CHANGE IN DISCHARGE

No other treated or untreated wastewater, sludge, or other materials shall be discharged to the lands or waters of the state unless otherwise approved by the Department.

1.1.6. ADDITIONAL MONITORING

If the permittee monitors any influent or effluent characteristic identified in this permit more frequently than required, the results of such monitoring must be reported to the Department in the monitoring report. The Department will not require the reporting of results of analysis that are conducted on site for training purposes, if the Department is notified in advance, in writing, of the intent of the analysis.

1.1.7. REPORTING

Monitoring results shall be summarized and reported to the Department monthly. Each discharge monitoring report (DMR) must be signed, postmarked and mailed, or faxed, or e-mailed no later than the 14th day of the month following the month that monitoring occurred. Reporting shall begin at the commencement of discharge and shall be done on the attached DMR. If there is no discharge during an entire reporting period, the Permittee shall mark the DMR appropriately and submit the form monthly, as required above. Reports submitted on a similar format which provides the same information, will be accepted. Signed copies of these, and all other reports required herein, must be submitted to the Department at the following address:

Alaska State Dept. of Environmental Conservation  
Division of Water  
555 Cordova St.  
Anchorage, AK 99501  
Telephone: 907-269-7523  
Fax: 907-269-7600  
Or email to alan\_kukla@dec.state.ak.us

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

1.2. MANAGEMENT PRACTICES

1.2.1. PROPER OPERATION AND MAINTENANCE

- 1.2.1.1. The permittee must at all times, properly operate and maintain all facilities and systems of treatment and control (and related appurtenances) which are installed or used by the permittee to achieve compliance with the conditions of this permit.
- 1.2.1.2. The facility must be operated and maintained consistent with the design that was approved by the Department.
- 1.2.1.3. The permittee must complete an operation and maintenance manual for the wastewater treatment facility within six months from the effective date of the wastewater permit.
- 1.2.1.4. The permittee shall keep equipment maintenance logs of any scheduled or non-scheduled maintenance. These logs shall be kept at the facility and made available to the Department upon request. Logs shall include the time, date, scope of work performed, and name(s) of persons performing the work.

1.2.2. REMOVED SUBSTANCES

Collected grit, scum, sludge, or other pollutants removed in the course of treatment or control of wastewater must be disposed of in a state approved, permitted manner.

1.2.3. AIR AND LAND RELEASES

The permittee must not place, deposit, or allow to be placed or deposited on the premises, any material which may produce, cause or contribute to the spread of disease, create a safety hazard or in any way endanger the health of the public.

1.2.4. RECORDS RETENTION

All records and information resulting from the monitoring activities required by this permit, including all records of analyses performed, and calibration and maintenance of instrumentation, and recordings from continuous monitoring instrumentation must be retained in Alaska for observation by the Department for five years. Upon request from the Department, the permittee must submit certified copies of such records.

The permittee must post or maintain a copy of this permit available to the public at the disposal facility.

1.2.5. CHANGE IN DISCHARGE

All discharges authorized herein must be consistent with the terms and conditions of this permit. The discharge of any pollutant or toxic material, (including oil, grease, or solvents), more frequently than, or at a concentration or limit not authorized, shall constitute noncompliance with the permit. Any anticipated facility expansions, flow increases, or process modifications which will result in new, different, or increased discharges of pollutants must be reported by submission of a new waste disposal permit application, and request a plan review at least thirty days before the implementation of such changes. Physical changes may also be subject to plan review by the Department.

#### 1.2.6. TOXIC POLLUTANTS

If new or revised toxic pollutant (including oil, grease, or solvents) concentration standard is established in accordance with 18 AAC 70, for a pollutant present in this discharge, and such new standard is more stringent than the limitation in this permit, this permit is considered to be modified in accordance with the new toxic pollutant concentration standard.

#### 1.2.7. ACCIDENTAL DISCHARGES AND NONCOMPLIANCE

1.2.7.1. The permittee must provide protection from accidental discharges not in compliance with the provisions of this permit. Facilities to prevent such discharges must be maintained in good working condition at all times by the permittee. If an accidental discharge occurs, the permittee must report the event to the Department within 24 hours, or as soon as possible, of becoming aware of such conditions. The attached accidental discharge/spill notification form shall be completed and sent to the Department as a follow-up written report.

1.2.7.2. If, for any reason, the permittee does not comply with or will be unable to comply with any effluent limitation specified in this permit, the permittee must report the noncompliance to the Department within 24 hours, or as soon as possible after becoming aware of such conditions.

1.2.7.3. A written follow-up report must be sent to the Department within seven days of the noncompliance event. Permittees may use the attached noncompliance notification form to report noncompliance. A written report must contain, but not be limited to:

1.2.7.3.1. Times and dates on which the event occurred, and if not corrected, the anticipated time the noncompliance is expected to continue.

1.2.7.3.2. A detailed description of the event, including quantities and types of materials involved.

1.2.7.3.3. Details of any actual or potential impact on the receiving environment or public health.

1.2.7.3.4. Details of actions taken or to be taken to correct the causes of the event. Details of actions taken or to be taken to correct any damage resulting from the event.

1.2.7.4. It is recognized that influent quality changes, equipment malfunctions, or uncontrollable circumstances may sometimes result in effluent concentrations exceeding the permit limitations, despite the exercise of all possible care and maintenance measures and corrective measures by the permittee. The permittee must demonstrate to the Department that such circumstances did exist where, despite all evasive measures, the effluent concentrations exceeded those set forth in this permit. The Commissioner shall consider such evidence in determining departmental actions. The Department does not waive any of its legal rights during such consideration.

1.2.8. TRANSFER OF OWNERSHIP

In the event of any change in control or ownership of facilities from which the authorized discharges emanate, the permittee must notify the succeeding owner or controller of the existence of this permit in writing, a copy of which must be forwarded to the Department of Environmental Conservation at the address in this permit. The original permittee remains responsible for permit compliance unless and until the succeeding owner or controller agrees in writing to assume such responsibility, and the Department approves assignment of the permit. The Department will not unreasonably withhold such approval.

**2. GENERAL PERMIT CONDITIONS**

2.1. ACCESS AND INSPECTION

The permittee must allow the Commissioner or their representative access to the permitted facilities at reasonable times to conduct scheduled or unscheduled inspections or tests to determine compliance with this permit, state laws and regulations.

2.2. 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 must be available for public inspection at the State of Alaska Department of Environmental Conservation, Division of Water, 555 Cordova St., Alaska 99501.

2.3. 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.

2.4. ADVERSE IMPACT

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

2.5. CULTURAL OR PALEONTOLOGICAL RESOURCES

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

2.6. APPLICATIONS FOR RENEWAL

In accordance with 18 AAC 15.100(d), applications for renewal or amendment of this permit must be made no later than 30 days before the expiration date of the permit or the planned effective date of the amendment.

## 2.7. OTHER LEGAL OBLIGATIONS

The requirements, duties, and obligations set forth in this permit are in addition to any requirements, duties, or obligations contained in any 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.

## 2.8. POLLUTION PREVENTION

In order to prevent and minimize present and future pollution, when making management decisions that affect waste generation, the permittee shall consider the following order of priority options:

- Waste source reduction.
- Recycling of waste.
- Waste treatment.
- Waste disposal.

# NONCOMPLIANCE NOTIFICATION

GENERAL INFORMATION		PERMIT #: 2005DB0010	
APPLICANT/COMPANY: John Huzey / MOA ( TC "NONCOMPLIANCE NOTIFICATION FORM" \F )		FACILITY NAME: Loussac Library	FACILITY LOCATION: Anchorage
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
CORRECTIVE ACTIONS 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

Division of Water, Wastewater Discharge Program

Phone: ANCHORAGE (907) 269-6285, Fax: (907) 269-7600; FAIRBANKS (907) 451-2130, Fax: (907) 451-2187; JUNEAU (907) 465-5300, Fax: (907) 465-5274

# ACCIDENTAL DISCHARGE / SPILL NOTIFICATION

GENERAL INFORMATION			PERMIT #: 2005DB0010
APPLICANT/COMPANY: John Huzey / MOA Inc. { TC "ACCIDENTAL DISCHARGE SPILL FORM"}		FACILITY NAME: : Loussac Library	
		FACILITY LOCATION: Anchorage	
PERSON REPORTING	PHONE NUMBER OF PERSON REPORTING	REPORTED HOW? (e.g. by phone)	
DATE/TIME OF SPILL	DATE/TIME REPORTED	NAME OF DEC STAFF CONTACTED	
VERBAL NOTIFICATION MUST BE MADE TO ADEC WITHIN 24 HOURS OF DISCOVERY OF SPILL.			
INCIDENT DETAILS (attach additional sheets, lab reports and photos as necessary)			
PRODUCT SPILLED (e.g. sewage, propylene glycol, etc)		SOURCE OF SPILL	
QUANTITY SPILLED (volume or weight)	QUANTITY CONTAINED	QUANTITY RECOVERED	QUANTITY DISPOSED
CAUSE OF SPILL AND ACTIONS TAKEN TO CORRECT THE CAUSE (be specific)			
CLEANUP ACTIONS (describe in detail)			
DISPOSAL METHODS AND LOCATION (describe in detail)			
STATUS OF CLEANUP ACTIONS (If clean up has not begun, provide estimated time to begin and complete clean up and reasons for the delay)			
ENVIRONMENTAL DAMAGE. <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> UNKNOWN If yes, provide details below.	SURFACE AREA AFFECTED (square feet)	SURFACE TYPE (e.g. tundra, land covered with snow, etc)	
ACTUAL/POTENTIAL IMPACT ON ENVIRONMENT/PUBLIC HEALTH (describe in detail)			
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.			

### Discharge Monitoring Report (DMR) – page 1of1

<b>Permit number:</b> 2005DB0010	Expires: May 31, 2012
<b>File number:</b> 120.45.068	

Submit this report to: Alaska Department of  
Environmental Conservation  
555 Cordova St.  
Anchorage, AK 99501  
Fax 907.269.3487 or  
Phone 907.269.7523

<b>Applicant Name:</b> Z.J. Loussac Library		<b>Responsible party:</b> John Huzey
<b>Address:</b> 3600 Deanli Street Anchorage, AK 99503		<b>Phone / email:</b> 907.343.8312 / huzeyjm@ci.anchorage.ak.us
<b>Facility:</b> Z.J. Loussac Library		<b>Onsite Contact:</b> John Huzey
<b>Location:</b> Anchorage, AK 99503		<b>Contact Fax:</b> 907.343.2828

<b>Required Reporting Frequency</b> Monthly during months of cooling system operation.	<b>Discharge:</b> Non contact ground water is used for building cooling for the Loussac Library. The cooling system will only be used during periods of ambient air temperatures => 55°F	<b>Sample Period</b>	
		<b>From:</b>	
		<b>To:</b>	

#### Effluent

<u>Parameter</u>	<u>Min. Value</u>	<u>30 day Average</u>	<u>Max. Value</u>	<u>Number of Analyses</u>	<u>Number of Violations</u>	<u>Units</u>	<u>Frequency of Analysis</u>	<u>Sample Method</u>
Flow Rate	Estmt'd/ Measure	-				gpd	Daily --	Measured/ Estimated
	Permit Limits	N/A	450,000	450,000	report			
Temperature	Analytical Results					°F	Hourly May-Sept	Grab
	Permit Limits	N/A	N/A	N/A	report			

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.

<b>NAME, TITLE OF PRINCIPAL EXECUTIVE OFFICER</b>	<b>SIGNATURE OF PRINCIPAL, EXECUTIVE OFFICER OR AUTHORIZED AGENT</b>		
		( ) - ____ - ____	
	DATE	TELEPHONE	
<b>COMMENT AND EXPLANATION OF ANY VIOLATIONS (REFERENCE ALL ATTACHMENT HERE)</b>			
_____ CHECK HERE IF THERE WAS NO DISCHARGE DURING THE ENTIRE REPORTING PERIOD			