

# CITY OF NORTH POLE Alaska

# REGULAR CITY COUNCIL MEETING Tuesday, January 18, 2011

Committee of the Whole – 6:30 p.m. Regular City Council Meeting – 7:00 p.m.

<b>COUNCIL MEMBERS</b>		MAYOR
Danuia A 1.1	400 0046	D I

Bonnie Arnold	488-9246	Doug Isaacson 488-8584
Richard Holm	488-1776	
Sharron Hunter	488-4282	
Kevin McCarthy- Dep. Mayor Pro Tem	490-9039	
Ronald Jones – Alt. Dep Mayor Pro Tem	488-3579	
Thomas McGhee - Mayor Pro Tem	455-0010	CITY CLERK

Kathy Weber 488-8583

- 1. Call to Order/Roll Call
- 2. Pledge of Allegiance to the US Flag
- 3. Invocation
- 4. Approval of the Agenda
- 5. Approval of the Minutes
- 6. Communications from the Mayor
- 7. Council Member Questions of the Mayor
- 8. Communications from Department Heads, Borough Representative and the City Clerk
- 9. Ongoing Projects Report
- 10. Citizens Comments (Limited to Five (5) minutes per Citizen)

#### 11. Old Business

a. Ordinance 11-01, An Ordinance Of The City Of North Pole, Alaska To Amend Title 13, Public Services

#### 12. New Business

- a. NTL Alaska, Inc Proposal To Conduct Wastewater Compliance Monitoring For The City Of North Pole Utilities Lagoon Waste Water Treatment System In The Amount Of \$\$121,682.50
- b. Resolution 11-01, A Resolution Of The City Of North Pole To Formally Accept A Supplemental Municipal Matching Grant Award Offer From The Alaska Department Of Environmental Conservation In The Amount Of \$419,481 For The Sewer Lift Station Renovation Phase I
- c. Resolution 11-02, A Resolution Of The City Of North Pole To Formally Accept A Supplemental Municipal Matching Grant Award Offer From The Alaska Department Of Environmental Conservation In The Amount Of \$245,000 For The Waste Water Treatment Plant Sludge Removal Project
- d. Resolution 11-03, A Resolution Of The City Of North Pole To Formally Accept A Municipal Matching Grant Award Offer From The Alaska Department Of Environmental Conservation In The Amount of \$524,977 For The Utility Garage Construction Project

#### 13. Council Comments

#### 14. Adjournment

The City of North Pole will provide an interpreter at City Council meetings for hearing impaired individuals. The City does require at least 48 hours notice to arrange for this service. All such requests are subject to the availability of an interpreter. All City Council meetings are recorded on CD. These CD's are available for listening or duplication at the City Clerk's Office during regular business hours, Monday through Friday, 8:00 a.m. to 5:00 p.m. or can be purchased for \$5.00 per CD. The City Clerk's Office is located in City Hall, 125 Snowman Lane, North Pole, Alaska.

7:00 p.m.

#### Committee of the Whole – 6:30 P.M. Regular City Council Meeting – 7:00 P.M.

A regular meeting of the North Pole City Council was held on January 3, 2011 in the Council Chambers of City Hall, 125 Snowman Lane, North Pole, Alaska.

#### **CALL TO ORDER/ROLL CALL**

Mayor Doug Isaacson called the regular City Council meeting of January 3, 2011 to order at 7:00 p.m.

#### There were present:

Absent/Excused

Mr. McGhee

Ms. Arnold

Ms. Hunter

Mr. Jones

Mr. Holm

Mr. McCarthy

**Mayor Isaacson** 

#### PLEDGE OF ALLEGIANCE TO THE U.S. FLAG

Led by Mayor Doug Isaacson

#### **INVOCATION**

Invocation was given by Councilwoman Sharron Hunter

#### APPROVAL OF AGENDA

Mr. McGhee moved to Approve the Agenda of January 3, 2011

Seconded by Mr. Jones

#### **Discussion**

None

Mr. McGhee moved to Amend the Agenda by putting the following items under consent agenda:

#### **Old Business**

- a. Ordinance 10-13, An Ordinance Of The City Of North Pole, Alaska, Amending Title 4, Chapter 4.08, Section 4.08.110, Exemptions, Exceptions And Refunds
- b. Ordinance 10-14, An Ordinance of the City of North Pole, Alaska Amending Title 4, Chapter 4.08, Section 4.08.020, Imposition of Rate

#### **New Business**

a. Request for Mayor Isaacson and Councilman Ron Jones to travel to Juneau to attend the Winter Legislative Meeting, February  $8-10,\,2011$ 

7:00 p.m.

b. Request from Councilman Ron Jones for Support by the City of North Pole to Commit

Financial Support If Appointed to the AML Board of Directors, District 7 Seat

c. Ordinance 11-01, An Ordinance Of The City Of North Pole, Alaska To Amend Title 13, Public Services

#### **Discussion**

None

On the amendment

#### **PASSED**

YES – 7–Holm, Arnold, McGhee, Jones, McCarthy, Hunter, Isaacson NO – 0 Abstained- 0

On the main motion as amended

#### **PASSED**

YES – 7–Holm, Arnold, McGhee, Jones, McCarthy, Hunter, Isaacson NO-0 Abstained- 0

#### **APPROVAL OF MINUTES**

Mr. McGhee moved to Approve the Minutes of December 20, 2010

Seconded by Mr. Jones

#### **Discussion**

None

#### **PASSED**

YES – 7–Holm, Arnold, McGhee, Jones, McCarthy, Hunter, Isaacson NO – 0 Abstained- 0

#### **COMMUNICATIONS FROM THE MAYOR**

Communication Highlights from the Mayor for the period ending January 3, 2011 ISSUES:

• The City of North Pole Welcomes the Worshipful Deputy Mayor of Waltham Forest



who is visiting friends in the North Pole area and has taken time to visit with us tonight. "Councillor Geoff Walker was born and bred in the City of London. On leaving school he trained as a draughtsman, before progressing on to engineer status in the copper mining industry. After 23 years, he moved into the lubrication industry, where he continues to work as a design engineer.

"In 1994, Cllr Walker was elected as a member for Hatch Lane ward, a position still occupied today. Over the past 16 years he has served on many committees, been the leader of the Conservative Group for nine years and held the chairmanship of the North

Chingford Community Council. He was at one point his Group's spokesman on Social Services and was also elected as the Council's representative on the Reserve Forces and Cadets Association of Greater London.

"The Deputy Mayor has long been an active member of the Mayor's Charity Committee and also a Trustee of the Charity Fund. His introduction of a Civic Carol Service to Waltham Forest in 2003 has involved hundreds of the Borough's children in a high-profile and much anticipated Christmas celebration that has raised thousands of pounds for the Mayor's charity.

"An accredited local preacher in the Methodist Church and an accomplished brass musician, Cllr Walker became a Freeman of the City of London and a member of The Guild of Freemen in 2004.

"As Deputy Mayor, Cllr Walker is looking forward to working with the Mayor to promote The London Borough of Waltham Forest as a place to be proud of and which its residents - by supporting the Mayor's charities - will demonstrate that they care for the health and wellbeing of their fellow, less fortunate citizens." (taken from www.walthamforest.gov.uk)

- <u>The ZEBRA pens are available:</u> Council approved a resolution naming Zebra Pens Sarasa Metallic Gel pens the official pen of the North Pole Holiday Season...And the pens are here! We've received about 2000 tri-packs, which are also on the Chamber seats tonight, which will be distributed to residents on a first come, first-serve basis. Please limit one tri-pack per resident.
- <u>Holiday Events</u> in the North Pole area were numerous and enjoyable. I represented the City at events in Fairbanks, Ft. Wainwright, Eielson, and North Pole. Probably the highlight was the New Year's Eve Snowflake Drop at Christmas In Ice where attendance that night was estimated between 1000-1500.
- <u>Meeting the new DNR Commissioner.</u> DNR Commissioner Dan Sullivan was in Fairbanks discussing energy issues with elected officials and community leaders at FEDC's conference room. The former State Attorney General emphasized that the State

will initiate a study ranking Alaska with global resources, for example, Alaska is number 2 in global ranking for coal reserves. However, control of our natural resources precedes debate on utilizing / developing them. I was encouraged that for the first time in a decade, this Administration, at least this commissioner, admitted that the Alaska Constitution's use of "maximum benefit" does not necessarily equate to maximum dollar to the State's coffers and is open to considering an alternative measurement of "maximum employment". It is my belief that we have been using a premise that will lead us to a bankrupt economy because money to the State coffers has not been applied to the creation of new infrastructure that lowers our cost of living and stimulates the diversification of an economy that is not dependent upon federal or oil money. The alternative interpretation is important for North Pole because we have seen the shut-down of FHR's tower 3 that produces jet fuel because it has been cheaper for the airlines to buy fuel from overseas than to buy it from North Pole refineries. The pricing of our royalty oil and associated fees should be such that it encourages expansion of employment in State, not the exporting of our jobs out of state.

- <u>Senator Begich Teleconference</u>. I participated on a teleconference with Senator Begich and other Alaskan mayors. His main points were
  - 1. no omnibus bill was passed which means that the current budget continues through March with limited increases.
  - 2. No earmarks were passed in the final bill and earmarks are unlikely to pass in the new Congress; however, he encouraged us to make our requests.
  - 3. The Post Office budget is not in the Senate's budgetary control; any issue with the post office is easier to assist if we can get the Postal Service to include it in their budget (e.g. new facilities, new postmarking equipment...)
- <u>City Insurance Policies</u>. David Hale briefed the Clerk, Accountant, and myself on the various policies covering the City. Alternate carriers, property values, coverage and costs were among the subjects discussed.
- <u>DOT NP Bike Trail Rehab and Connections Open House</u> will be held at the Council Chambers this Wednesday, January 5, from 4 pm to 7 pm. Come and review the options being discussed, ask questions of the DOT employees who are present and then let your voice be heard on this issue.
- <u>Commissioner Update</u>. The City of North Pole still needs two individuals to represent the city on the FNSB Planning Commission and the FNSB Recycling Commission. There is a lot of local interest in RECYCLING! If you are interested in either one of these positions, please contact Mayor Isaacson at 488-8584. Details of the commissions are online at <a href="https://www.fnsb.us">www.fnsb.us</a>.
- Meeting with ARRC President Chris Aadnessen. I

#### FNSB ASSEMBLY MEETING.

There was no Assembly meeting during this period. No agenda is yet posted for the January 13, 2011 meeting.

#### **MEDIA:**

**Dec 4,** Mayor Isaacson was on KJNP (1170 AM, 100.3 FM) 8-9 a.m. "Over the Coffee Cup."

Multiple media outlets found their way to North Pole, including KRJC 95.3 FM, Elko NV; KOLD TV13 Tucson AZ; CBS TV, Anchorage, NBC TV, Anchorage, Today At 7, Sydney Australia, and Yesterday USA webcast.

**UPCOMING** (see above and the attached fliers for other events, dates, and times)

- Jan 5, 4-7 pm, ADOT NP Bike Trail Rehabilitation and Connections Open House @ Council Chambers.
- Jan 11-13, Arctic Winter Games site team will be in Fairbanks and North Pole at multiple venues. THE PUBLIC IS URGED TO ATTEND THE COMMUNITY EVENT ON WEDNESDAY, JANUARY 12, 4:30-7 pm at the Big Dipper Ice Arena (see attached flier).

#### **COUNCIL MEMBER QUESTIONS OF THE MAYOR.**

Mr. Jones asked if the Mayor had any contact with DOT concerning the right of way by Safeway.

Mayor Isaacson stated that he had not.

Mr. Jones stated that he and the City Clerk had called DOT and they re-iterated the fact that nothing is to be in the right of way or in the round a bouts or it will be confiscated.

### COMMUNICATIONS FROM DEPARTMENT HEADS, BOROUGH REPRESENTATIVE AND THE CITY CLERK

#### Police Dept, Paul Lindhag

None

#### Fire Dept, Bryan Lane

None

#### **Director of City Services, Bill Butler**

#### January 3, 2011 Council Report

Bill Butler

Director of City Services

#### **Building Department**

• No new permits issued since the last council meeting

#### **Public Works**

• January 5 there will be a DOT open house at City Hall about the planned North Pole Bike Trail Rehabilitation & Construction Project.

- Project will repair deteriorating bike paths and construct connections to existing paths
- Due to state funding cycle, unlikely to go to construction until Summer 2012
- Cannot proceed until State FY 2012 budget passes in June 2011
- Project may be able to be bid late summer or early fall 2011
- Waiting on DOT recalculation of City required match (match will be less because Saint Nicholas Drive will not be part of project)

#### **Utility Department**

- New drinking water well project proceeding
  - Substantial completion inspection scheduled for January 6
  - Projected completion mid-January 2011
  - Realistic projection for City acceptance late January or early February 2011
  - Utility Department sought and received clarification of operational concerns that could affect when willing to recommend City Council accept project

#### Borough Representative, Mayor Isaacson

• There was no Assembly meeting during this period. No agenda is yet posted for the January 13, 2011 meeting.

#### City Clerk, Kathy Weber

January 3, 2011

Council Report by Kathy Weber, City Clerk

Here are some of the things that are coming up in the city. If you have any questions on any items below, please feel free to contact me at 488-8583 or email at Kathy@northpolealaska.com.

- Open House North Pole Bike Trail Rehabilitation & Connections open house is scheduled for Wednesday, January 5, 2011 at 7pm in the North Pole City Hall Council Chambers. The deadline for submitting comments is Wednesday, January 26, 2011.
- City offices will be closed on Monday, January 17, 2011 for Martin Luther King Day. Our council meeting will be held on Tuesday, January 18, 2011.
- It looks as though the city council will receive i-pads for their use during their tenure. This will help to alleviate any problems that could arise from using personal computers for council business. I will schedule a time for training in the near future.

- Marilyn Zrucky is still on vacation and will return to the office on January 6, 2011.
- Attached is the travel itinerary for my year as AAMC president. If you have any
  questions please feel free to contact me at any time. Thank you for your
  continued support and I look forward to representing Alaska as well as the City of
  North Pole this year.
- There are 362 days until Christmas.

#### **ONGOING PROJECTS**

#### Christmas In Ice

Keith Fye – reported that there was a 10% increase over last year. Over 10,000 people came through the ice park. On Christmas Day the park was open with free admission. Next year the park will be open from December 3 – January 9 to compensate for when school is out. At the last Board meeting they decided that they will not tear park down the ice park until after the Arctic Winter Games personnel come. There have been over 320 hits on the Facebook fan page in the past week. Some of the largest numbers of people came through the park on BP Picnic Day, Petro Star/Military Appreciation Day, and Christmas in Ice on "Christmas Day. The Snowflake drop had over 1100 people who came to celebrate the New Year. At least 3 video's have been put on YouTube.

#### Americorp/Vista Representative

Lea Ann Hood reported that AmeriCorps and the North Pole Girl Scout Troops will be joined by various North Pole Community organizations and members to host the first, and hopeful, "annual", North Pole community led day of service in honor of Dr Martin Luther King Jr. There will be a Community Service Knitting Circle from 12:00 – 5:00 p.m. in the Ben Franklin Crafts Classroom

#### **CITIZENS COMMENTS – 5 Minutes**

None

#### **CONSENT AGENDA**

#### **OLD BUSINESS**

ORDINANCE 10-13, AN ORDINANCE OF THE CITY OF NORTH POLE, ALASKA, AMENDING TITLE 4, CHAPTER 4.08, SECTION 110, EXEMPTIONS, EXCEPTIONS AND REFUNDS

ORDINANCE 10-14, AN ORDINANCE OF THE CITY OF NORTH POLE, ALASKA AMENDING TITLE 4, CHAPTER 4.08, SECTION 4.08.020, IMPOSITION OF RATE

#### **NEW BUSINESS**

REQUEST FOR MAYOR ISAACSON AND COUNCILMAN RON JONES TO TRAVEL TO JUNEAU TO ATTEND THE WINTER LEGISLATIVE MEETING, FEBRUARY 8 – 10, 2011

REQUEST FROM COUNCILMAN RON JONES FOR SUPPORT BY THE CITY OF NORTH POLE TO COMMIT FINANCIAL SUPPORT IF APPOINTED TO THE AML BOARD OF DIRECTORS, DISTRICT 7 SEAT

## ORDINANCE 11-01, AN ORDINANCE OF THE CITY OF NORTH POLE, ALASKA TO AMEND TITLE 13, PUBLIC SERVICES

Mr. McGhee moved to suspend the rules for a reception in honor of Counsellor Walker.

Seconded by Mr. Jones

#### **COUNCIL COMMENTS**

Mr. McGhee -No Comment

**Mr.** Holm – Thanked Deputy Mayor Walker for coming tonight and welcomed him to North Pole. He hoped everyone had a good Christmas.

Ms. Arnold - welcomed the Deputy Mayor Walker to North Pole and for making the long trip to Alaska. She said she appreciated all the hard work that the employees are doing.

Mr. Jones – Welcomed Mayor Walker and appreciated him coming to North Pole. He thanked everyone for coming and Keith Frye for coming and working at Christmas in Ice. Mr. Jones said he appreciated the fact that Mayor Isaacson even came and helped out. A lot of people came out for Christmas in Ice and asked people to go and look YouTube to see the video's that have been put there by attendees. He is looking forward to next year and he is happy that they finally got one camera up and running.

Ms. Hunter – is glad that council had a visitor today and it was interesting hearing him tell us about his government. She was also glad to hear that we have a service day for Martin Luther King Jr. Ms. Hunter said she the snowflake drop on TV on the 6pm news and the interview with Tom Ertel from the Beautification Committee. Hopefully next year will bring out even more people.

**Mr. McCarthy** – Thanked Keith Frye for coming out to the meeting and that he hopes to be able to volunteer next year. He has heard so many good things about Christmas in Ice everywhere he has gone.

Mayor Isaacson – No Comment

#### **ADJOURNMENT**

Mr. Jones moved to adjourn the meeting of January 3, 2011

Seconded by Mr. McGhee

No Objection

The regular meeting of January 3, 2011 adjourned at 7:55 p.m.

These minutes passed and approved by a duly constituted quorum of the North Pole City Council on Tuesday, January 18, 2011.

	DOUGLAS W. ISAACSON, Mayor
ATTEST:	
	KATHRVN M WERER CMC City Clerk



<u>LIVE MUSIC</u>, excellent local cuisine, <u>BEER GARDEN</u>, dessert auction, <u>COSTUMES</u> <u>CONTEST</u>, dancing and DOOR PRIZES! Tickets; \$25 or \$40.00 for 2. Must be 21

We have a fantastic NEW location to hold our <u>Red Cross</u> event—Bristow Alaska has donated their helicopter hanger for our Mardi Gras Bash!

Room to dance, eat, drink and imagine being in New Orleans during the most exciting night of the year—Mardi Gras!

92% of all proceeds go to the Disaster Fund in the Tanana Valley!

Thank you for your support!

#### **DIRECTIONS:**

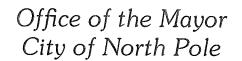
Van Horn to Bonita St.
(Young's Gear and Driveline)
Right on Donald St. Look for
the Mardi Gras signs and
come in to a night you won't
forget!

#### Special thanks to:









# Proclamation

WHEREAS, Tyler Tosch is in the 2nd grade at North Pole Elementary School and is the son of Charles & Wendy Tosch of North Pole; and

WHEREAS, Tyler is an excellent student, role model and citizen; and

WHEREAS, Tyler is involved in Youth football and has been playing sports since age 4. He enjoys hockey, swimming, baseball, soccer and football; and

WHEREAS, Tyler is an outstanding student who always strives to do his best. He is a focused learner who is a role model in both academics and behavior; and

WHEREAS, Tyler is polite and courteous and is always willing to help other students. He excels in reading and math and consistently returns homework in on time; and

WHEREAS, the City of North Pole desires to recognize the outstanding students in the community.

NOW, THEREFORE I, Douglas W. Isaacson, Mayor of the City of North Pole, do hereby proclaim Tyler Tosch:

The North Pole City Council

"Student of the Month"

For the Month of January 2011

Douglas W. Isaacson, Mayor

ATTEST:

Kathryn M. Weber, CMC North Pole City Clerk



#### **ORDINANCE 11-01**

### AN ORDINANCE OF THE CITY OF NORTH POLE, ALASKA TO AMEND TITLE 13, PUBLIC SERVICES

WHEREAS, changes to the public services practices and policies is a continually changing requirement; and

WHEREAS, the City of North Pole Municipal Code should be amended to conform to the requirements of the City.

NOW, THEREFORE, BE IT ORDAINED by the Council of the City of North Pole:

**Section 1**. This ordinance is of a general and permanent nature and shall be codified.

**Section 2**. Title 13 is amended in the North Pole Code of Ordinances as follows in the attached table:

**Section 3.** Effective date.

This ordinance shall become effective upon passage and publication.

PASSED AND APPROVED by a duly constituted quorum of the North Pole City Council this 18<sup>th</sup> day of January, 2011.

	DOUGLAS W. ISAACSON, Mayor
ATTEST:	
	KATHRYN M. WEBER, CMC, City Clerk

#### Title 13

#### **PUBLIC SERVICES**

**Chapters:** 13.24 Utility Rates

13.24.020 Metered Water and Sewer Utility Rates

Monthly water and sewer utility rates beginning January 1, 2009 2011 shall be the following:

Customer class	Per gallon water	Monthly base water charge	Per gallon sewer charge <sup>1</sup>	Monthly base sewer charge	FRR <sup>2</sup> - Water per gallon charge	FRR <sup>2</sup> - Sewer per gallon charge	FRR <sup>2</sup> Signifi- cant Industrial Discharger- Sewer
Single family residential	\$0.01464	\$5	\$0.00882	\$5	\$0.001 \$0.0015	\$0.001 \$0.0015	
Low-income single family residential	\$0.00732	\$5	\$0.00441	\$5	\$0.001 \$0.0015	\$0.001 \$0.0015	-
Multi-family, residential	\$0.01464	\$25	\$0.00882	\$25	\$0.001 \$0.0015	\$0.001 \$0.0015	
Low-income, multi-family residential	\$0.00732	\$25	\$0.00441	\$25	\$0.001 \$0.0015	\$0.001 \$0.0015	
Commercial	\$0.01464	\$25	\$0.00882	\$25	\$0.001 \$0.0015	\$0.001 \$0.0015	
Commercial/ Significant Industrial Discharger	\$0.01464	\$25	\$0.00882	\$25			\$0.00345

<sup>1.</sup> The monthly sewer charge for the months of May, June, July and August will be capped at an amount not to exceed the average of the water usage during the months September through April for Single family and Lowincome single-family residential customers only.

<sup>2.</sup> Facility Repair and Replacement: Funds generated to repair and replace utility capital infrastructure.



#### NTL ALASKA, INC 3536 INTERNATIONAL WAY, FAIRBANKS, AK 99701 (907) 452-6852 fax (907) 452-6853 www.ntlalaska.com

# PROPOSAL TO CONDUCT WASTEWATER COMPLIANCE MONITORING FOR THE CITY OF NORTH POLE UTILITIES LAGOON WASTE WATER TREATMENT SYSTEM:

Per APDES Permit # AK 002139-3

2011 - 2012

Prepared for:

The City of North Pole. 125 Snowman Lane North Pole, Alaska 99705-7708

Attention: Bill Butler, Director of City Services

Nathan Rogers, NTL Project Manager:

Date: /-//-20//

#### 1.0 INTRODUCTION

#### 1.1 Objective

The objective of the proposed services is to provide North Pole Utilities wastewater system managers and operators with a reliable and effective system to maintain compliance with the Alaska Department of Environmental Conservation (ADEC) and Environmental Protection Agency monitoring requirements and to provide a quality assurance monitoring program to ensure that industrial wastewater does not adversely impact the operation or performance of the City of North Pole (CONP) wastewater treatment plant.

#### 2.0 SCOPE OF WORK

 TABLE 1 displays the parameters and frequency of monitoring for wastewater required under the Alaska Pollutant Discharge Elimination System (APDES) permit #002139-3. TABLE 1 also displays additional quality control parameters to be sampled on request from the CONP.

#### 2.1 Tasks and Schedules

#### **Wastewater Sample Management:**

For the CONP wastewater lagoon system monitoring NTL Alaska, Inc. (NTL) proposes to provide the services of kit coordination, sample scheduling, sampling, regulatory coordination, shipment coordination, data review & validation, and reporting of data to required regulatory agencies.

#### **Daily Monitoring**

Once per day the CONP operators collect a sample from the effluent sump and analyze it for pH, Temperature, Dissolved Oxygen, and Total Chlorine Residual.

#### Weekly Monitoring

Every Tuesday NTL proposes to collect samples from the influent, X-1, X-2, X-3 and effluent for analysis of Chemical Oxygen Demand (COD), Dissolved Oxygen, Conductivity, Temperature, and pH. The COD samples are analyzed at Pollen Environmental, LLC. (PE) Fairbanks laboratory, and are used as indicators of potential high organic loading. The samples collected for dissolved oxygen, conductivity, pH, and temperature are analyzed on site at the North Pole WWTP laboratory. In addition to the sampling, NTL proposes to perform a series of quality control measures to be completed on weekly basis at the lagoon. This includes a baseline calibration of all laboratory

instruments, mixing of new calibration standards, compilation and entry of all weekly data collected by the CONP operators, and a detailed review of the weekly data by NTL President Michael Pollen.

#### **Bimonthly Monitoring**

NTL proposes to collect samples on the first two Tuesdays of each month for analysis of Biological Oxygen Demand (20°C BOD5), Total Suspended Solids (TSS), Total Aqueous Hydrocarbons (TAqH), Total Aromatic Hydrocarbons (TAH), and Fecal Coliform. The 20°C BOD5 and TSS samples are collected from the flow-proportioned Influent composite auto sampler, and the chlorinated effluent flow. The TAqH, TAH, and Fecal Coliform samples are collected from the chlorinated effluent flow only. This sampling event will satisfy the monthly monitoring requirements displayed in TABLE 1 of the CONP APDES permit. Samples collected for BOD, C-BOD, COD, TSS, TVSS, TAqH, TAH, and Fecal Coliform analysis will be delivered to PE in Fairbanks.

#### **Monthly Monitoring**

In addition to the required bimonthly sampling events, NTL will collect samples during the first Tuesday of each month from X-1, X-2, and X-3 for 20°C BOD5, TSS, and from the Effluent for carbonaceous 20°C BOD5 (CBOD) analysis.

In addition, Sulfolane samples are collected on the first Tuesday of each month from the 24-hour influent composite, X-1, X-2, and Effluent in 125-mL PE containers and delivered to FHR's laboratory for analyses. As stated in TABLE 1 of the CONP APDES permit, if Flint Hills Resources reports discharges of sulfolane in excess of 100 mg/l, NTL will collect samples from each of the locations stated in the permit (influent, X-2, effluent).

Once per month, samples are collected and analyzed for available nutrients on site at the CONP Lagoon laboratory. Concentrations of phosphate (as PO4), nitrate (as N), and ammonia (as N) are determined at each of the five sample locations using a HACH DR890 Colorimeter. These analyses are not required by the ADEC permit, and are for screening purposes to ensure the lagoon system does not encounter a nutrient deficiency, such as has occurred at the FHR wastewater pretreatment system. These data are reported to ADEC, but are not required to conform to ADEC or Standard Methods procedures. Although NTL has conducted the monitoring for available nutrients in the past, the CONP operators will conduct the analysis on site under the proposed monitoring program.

#### **Quarterly Monitoring**

4 times per year NTL will collect samples from the Influent auto-sampler and from the effluent sump and have the samples analyzed for total ammonia, copper, selenium, and hardness. This sampling event will satisfy the quarterly compliance monitoring requirements stated in TABLE 1 of the CONP APDES permit.

In addition, NTL will collect Publically Owned Treatment Works (POTW) samples from the influent auto-sampler and from the effluent sump on a quarterly basis for arsenic, chromium, copper, nickel, and selenium.

#### **Bi-Annual Monitoring**

#### **POTW Monitoring:**

Additional Influent and effluent POTW samples will also be collected for cadmium, cyanide, lead, mercury, molybdenum, silver, zinc, and sulfolane. These additional samples must be collected once between January 1 and June 30 and once between July 1 and December 31.

#### **Mixing Zone Monitoring:**

During the second and fourth quarters of the year NTL will collect samples from the Tanana River at the CONP WWTP effluent mixing zone. The samples are collected from pre-designated seasonal sample points located downstream from the mixing zone and are analyzed for Fecal Coliform, Total Chlorine Residual, pH, and Dissolved Oxygen. The Fecal Coliform samples will be transported to P.E. in Fairbanks. The samples collected for Dissolved Oxygen, pH, and Total Chlorine Residual are analyzed on site at the North Pole WWTP laboratory. During the summer sampling event (June-September) samples are collected from the summer mixing zone described as the area extending downstream from the end of the outfall line with a length of 9 meters and a maximum width of 2 meters. During the winter sampling event (October-May) samples are collected from the winter mixing zone described as the area extending downstream from the end of the outfall line with a length of 267 meters and a maximum width of 4 meters.

#### **Annual Monitoring**

#### **Biosolids Monitoring:**

Once each year NTL will collect biosolids samples from Cells 1, 2. Each cell is subdivided into 3 distinct sections (front, center, back). Wooden stakes that have been evenly distributed around each cell are used to differentiate between subsections. Samples are collected by taking at least ten individual samples from the bottom of each distinct section with an Environmental Bio-Tech® Dipstick Pro™ plastic coring sampler. The samples collected from each subsection are combined to form one representative sample for that subsection, which is divided into appropriately preserved containers and kept cool during transport to PE's Fairbanks laboratory. Cells 3 & 4 are also sampled if sufficient biosolids is present and analyzed for total metals, total nitrogen, total phosphorus, and percent total and volatile solids. NTL will prepare and forward a report of the sampling event to the City of North Pole, ADEC, EPA, and FHR. Once the Industrial Pretreatment Program Is approved, Golden Valley Electric Association (GVEA), and Petro Star will receive the biosolids monitoring reports.

#### **Expanded Effluent/Whole Effluent Toxicity Monitoring:**

Once per year samples will be collected from the final effluent sump for expanded effluent monitoring and Whole Effluent Toxicity (WET) monitoring as required by Section 1.B and Section 1.C of the CONP APDES permit.

Section 1.B of the CONP APDES permit specifies that three sets of expanded effluent monitoring samples are to be collected in the first four and a half years of the permit cycle. The 2008 thru 2010 expanded effluent monitoring events met all requirements of Section 1.B. therefore expanded effluent monitoring is not required in 2011

WET testing is the analytical process in which representative organisms are introduced into various concentrations of the final effluent sample to determine the survival rate and reproduction rate of each organism within each designated concentration. Once the testing is concluded, data is analyzed statistically according to EPA procedures to determine the Lowest Observable Effect Concentration (LOEC), No Observable Effect Concentration (NOEC), Lethal Concentration in which 50% of exposed organisms are killed (LC50), and Inhibition Concentration in which there is a 25% reduction in growth (IC25). The WET testing samples are required to be collected in conjunction with the expanded effluent samples and are subcontracted to Bio-Aquatic Testing, Inc. in Carrolton, TX, for analysis

#### **Discharge Monitoring Reports**

NTL will prepare the APDES Discharge Monitoring Report (DMR) on or before the 15<sup>th</sup> of each month and submit it to the CONP Utility Supervisor to review and sign the monthly DMR on behalf of the City of North Pole.

CONP 2011 Compliance Monitoring Proposal January 10, 2011 6 of 8

# TABLE 1

Bi-Annual Cyanide Metals: Cd, Pb, Hg, Mo, Ag, Zn Sulfolane Fecal Coliform On site: pH, Total Chlorine Residual, Dissolved Oxygen  NTL NTL NTL NTL NTL NTL NTL NTL NTL NT	City of N	orth Pole	Wastev	vater	Lag	oon S	System	
Daily (5 day/week)   PH		2011 - M	onitorin	ng Su	mma	ary		- Manual Manual Anna Anna Anna Anna Anna Anna Anna An
DFH   CONP   C			influent	X1	X-2	X-3	Effluent	
Temperature (°C)   Dissolved Oxygen (DO)   Total Chlorine Residual   CONP   C	Daily (5 day/week)							
Dissolved Oxygen (DO)	pH	CONP			A CONTRACTOR OF THE PARTY OF TH	No. 100 Company	*	
Total Chlorine Residual	1 /						<b>*</b>	
NTL								
Chemical Oxygen Demand (COD)	Total Chlorine Residual	CONP	Secretario de la constitución de	on the second se		Метения подражения	<u> </u>	1
Chemical Oxygen Demand (COD)	Weekly							
Total Chlorine Residual	AND AND ADMINISTRATION OF THE PROPERTY OF THE	NTL	×	×	*	×	*	
Bi-Monthly   Biological Oxygen Demand (BOD)   NTL   X   X   X   X   X   X   X   X   X	•	NTL/CONP	×	×	×	×	×	
Biological Oxygen Demand (BOD)	Total Chlorine Residual	NTL/CONP					*	
Biological Oxygen Demand (BOD)	Pi Monthly							
NTL	A STATE OF THE PROPERTY OF THE	NTI	×				<u> </u>	
Total Aromatic Hydrocarbons (TAH)			8				1	
Notal Aqueous Hydrocarbons (TAqH)   NTL   NTL	<u> </u>						1 1	
Monthly   Biological Oxygen Demand (BOD)   NTL   NTL	• • • • • • • • • • • • • • • • • • • •	NTL					×	
NTL	Fecal Coliform	NTL					×	
NTL	Monthly							
Biological Oxygen Demand/Carbonaceous Total Suspended Solids (TSS)	AND THE PROPERTY OF THE PROPER	NTL		×	×	×		
Total Suspended Solids (TSS)				,,,	**	'`	×	
Sulfolane On site: Nutrients (P04, N03-N, Ammonia-N)         NTL CONP         X				×	*	×		
Quarterly Ammonia Hardness Metals: As, Cr, Cu, Ni, Se  Bi-Annual  Cyanide Metals: Cd, Pb, Hg, Mo, Ag, Zn Sulfolane Fecal Coliform On site: pH, Total Chlorine Residual, Dissolved Oxygen  *Whole Effluent Toxicity Testing (WET)  NTL  NTL  NTL  NTL  NTL  NTL  NTL  N	■ · · · · · · · · · · · · · · · · · · ·	NTL	×		×		×	
Ammonia Hardness Metals: As, Cr, Cu, Ni, Se  Bi-Annual  Cyanide Metals: Cd, Pb, Hg, Mo, Ag, Zn Sulfolane Fecal Coliform On site: pH, Total Chlorine Residual, Dissolved Oxygen  NTL NTL NTL NTL NTL NTL NTL NTL NTL NT	On site: Nutrients (P04, N03-N, Ammonia-N)	CONP	×	×	*	×	*	
Ammonia Hardness Metals: As, Cr, Cu, Ni, Se  Bi-Annual  Cyanide Metals: Cd, Pb, Hg, Mo, Ag, Zn Sulfolane Fecal Coliform On site: pH, Total Chlorine Residual, Dissolved Oxygen  NTL NTL NTL NTL NTL NTL NTL NTL NTL NT	Opertariy							
Hardness Metals: As, Cr, Cu, Ni, Se         NTL         ★	The state of the s	NTL	×				×	
Metals: As, Cr, Cu, Ni, Se  Bi-Annual  Cyanide Metals: Cd, Pb, Hg, Mo, Ag, Zn Sulfolane Fecal Coliform On site: pH, Total Chlorine Residual, Dissolved Oxygen  *Whole Effluent Toxicity Testing (WET)  NTL  NTL  NTL  NTL  NTL  NTL  NTL  N			1				1	
Cyanide Metals: Cd, Pb, Hg, Mo, Ag, Zn Sulfolane Fecal Coliform On site: pH, Total Chlorine Residual, Dissolved Oxygen  NTL NTL NTL NTL NTL NTL NTL NTL NTL NT	Metals: As, Cr, Cu, Ni, Se		1				1 1	
Cyanide Metals: Cd, Pb, Hg, Mo, Ag, Zn Sulfolane Fecal Coliform On site: pH, Total Chlorine Residual, Dissolved Oxygen  NTL NTL NTL NTL NTL NTL NTL NTL NTL NT								K
Metals: Cd, Pb, Hg, Mo, Ag, Zn Sulfolane Fecal Coliform On site: pH, Total Chlorine Residual, Dissolved Oxygen  *Whole Effluent Toxicity Testing (WET)  NTL NTL NTL NTL NTL NTL NTL NTL NTL NT		NITI	l •		·····			
Sulfolane Fecal Coliform On site: pH, Total Chlorine Residual, Dissolved Oxygen  NTL NTL NTL NTL NTL NTL NTL NTL NTL NT	1 ·	1 I I	B I				1	
Fecal Coliform On site: pH, Total Chlorine Residual, Dissolved Oxygen  Annual  *Whole Effluent Toxicity Testing (WET)  NTL  NTL  NTL  NTL  NTL  NTL  NTL  N		11	E I				1 1	
On site: pH, Total Chlorine Residual, Dissolved Oxygen  NTL NTL  *Whole Effluent Toxicity Testing (WET)  NTL  NTL  NTL  **  **  **  **  **  **  **  **  **								×
Dissolved Oxygen NTL								4
*Whole Effluent Toxicity Testing (WET) NTL ★	•				***************************************			1
*Whole Effluent Toxicity Testing (WET) NTL ★	Amna			- Anna Agono Gara				
	discrimination and the formation to the contraction of the contraction	NTI			<u> </u>		<b>1</b>	
	Bio-Solids Monitoring	NTL/CONP		anna an	HHH	MININ	annimus	ummm

#### 2.2 Management Plan

The NTL Project manager will be Nathan Rogers, who will be responsible for the kit coordination, sample scheduling, sampling, regulatory coordination, shipment coordination, data review & validation, and reporting of data to required regulatory agencies for the CONP Waste Water treatment system. Michael Pollen will be the quality control officer reviewing laboratory data, weekly data collected by the CONP operators, and required reports transmitted to regulatory agencies by NTL.

#### 3.1 Compliance Monitoring Budget Summary

The enclosed budget summary shows the services to be performed at the CONP treatment facility. To meet the project objectives, we have itemized the proposed services into following line items.

#### **Routine Monitoring Personnel Budget:**

The personnel budget incorporates the hours required to manage the wastewater compliance monitoring and to provide quality control to analytical data and monthly/quarterly reports. The project management budget was calculated based on a 4 hour time allocation during the first week of each month and a 3 hour time allocation during the remaining weeks of each month. The Quality Assurance and Administrative services budget was calculated based on a 2 hour per month time allocation for quality control and 2.5 hours per month time allocation for administrative services.

#### **Routine Laboratory Analysis Budget:**

The laboratory budget incorporates all routine and quality control monitoring and is based on quotes provided to NTL by PE. The quotes are based on the specific analyses required for the CONP WWTP from January 1, 2011 to December 31, 2011. At the end of this period NTL will renew the laboratory quotes and notify the CONP of any laboratory rate changes. NTL will request authorization to change analytical laboratory subcontractors as necessary to ensure project performance, quality control, and cost effectiveness.

#### **Discharge Monitoring Reports:**

The discharge monitoring reports budget incorporates the hours and computer generated forms required to complete the monthly reports required by the APDES permit.

#### **Non-Routine Sampling Events Budget:**

All quarterly, biannual, and annual sampling events specified in the budget summary will be billed at the provided rate. Any additional services requested from NTL by North Pole Utilities will be billed at time plus expense to the City of North Pole upon completion of each event. If requested by North Pole Utilities NTL will provide quotes for the additional services prior to the start of the project.

#### **Personnel Contingency:**

In addition to the personnel budget a 10% contingency was added to allow for any additional unforeseen events that may occur during the 2011 compliance period.

#### **Laboratory Budget Contingency:**

In addition to the annual laboratory budget a 10% contingency was added to allow for any re-sampling or any additional unforeseen sampling events that may be requested by the CONP or required by the permitting authority during the 2011 compliance period.

#### **Invoicing:**

The weekly, monthly, bi-monthly sampling events including the discharge monitoring reports will be billed directly to the City of North Pole on monthly bases.

All quarterly, biannual, and annual sampling events, as well as any additional services requested from NTL by North Pole Utilities will be billed at time and expense to the City of North Pole upon completion of each event.

Under the CONP Industrial Pretreatment Program (IPP) the Significant Industrial Users (SIUs) currently discharging into the CONP collection system are responsible for the costs associated with all quality assurance monitoring conducted by NTL for the CONP. These costs are to be invoiced to the SIU's by the CONP.

#### **Summary:**

The attached itemized budget is proposed as a not to exceed estimate without prior authorization. NTL requests authorization to reallocate budget amounts to different work elements in order to meet the project objectives as long as the estimated budget total is not exceeded. NTL requests authorization to change analytical laboratory subcontractors as necessary to ensure project performance, quality control and cost effectiveness.

With prior authorization NTL will amend the budget to accommodate any amendments to the scope of work or objectives of the project that may be requested by North Pole Utilities.



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3.0

# CITY OF NORTH POLE WASTEWATER COMPLIANCE MONITORING 2011 BUDGET SUMMARY

CONP WWTP MONITORING	2011		NP NP	SIU*
Routine Monitoring Personnel Budget	\$	28,073.00	\$2,991.00	\$25,082.00
Routine Laboratory Analysis Budget	\$	48,722.00	\$20,148.00	\$28,574.00
Non-Routine Sampling Events Budget	\$	37,208.00	] -	\$37,208.00
Laboratory Contingency (10%)	\$	4,872.20	\$4,872.20	-
Personnel Contingency (10%)	\$	2,807.30	\$2,807.30	-
TOTAL BUDGET/COST CENTER	\$	121,682.50	\$30,818.50	\$90,864.00

<sup>\*</sup> All Quality Assurance Monitoring is billed to the Significant Industrial Users under the CONP IPP.

#### **ROUTINE MONITORING PERSONNEL ALLOCATIONS:**

1st Tuedsday			
	Rate	Quantity	Total
Nathan Rogers	104.00/hour	4.0	416.00
Vehicle Miliage	.90/mile	28.0	25.20
Estimated Weekly Personnel Budget			\$441.20
2nd thru 5th Tuesday			
	Rate	Quantity	Total
Nathan Rogers	104.00/hour	3.0	312.00
Vehicle Miliage	.90/mile	28.0	25.20
Estimated Weekly Personnel Budget			\$337.20
		***************************************	
Quality Assurance and Administrative Services			
	Rate	Quantity	Total
Michael Pollen	165.00/hour	2.0	330.00
Peggy Pollen	78.00/hour	2.5	195.00
Estimated Monthly Quality Assurance Budget		·	\$525.00
Discharge Monitoring Report:			
	Rate	Quantity	Total
Nathan Rogers	104.00/hour	2.0	208.00
Michael Pollen	165.00/hour	0.25	41.25
Estimated DMR Report Budget			\$249.25
Total Monthly Descended Budget, 4 Week Monthly (Inc. F.	ah Ar-Mau 2ul Cart Oct Dag	·	42.227.00
Total Monthly Personnel Budget: 4 Week Months (Jan, Fo		)	\$2,227.00
Total Monthly Personnel Budget: 5 Week Months (Mar, Ju	une, Aug, Nov.)		\$2,564.25
TOTAL ESTIMATED ANNUAL PERSONNEL BUDGE	T		\$28,073.00



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#### ROUTINE MONITORING LABORATORY ANALYSIS:

#### **Monthly Regulated Monitoring:**

Parameter:	Quantity	Total
Biological Oxygen Demand (BOD)	4.0	
Total Suspended Solids (TSS)	4.0	
Total Aqueous Hydrocarbons (TAgH)	2.0	
Total Aromatic Hydrocarbons (TAH)	2.0	
Travel Blank (TAH)	2.0	
Fecal Coliform	2.0	
Estimated Monthly Analysis Budget:		\$1,679,00

#### **Monthly Quality Assurance Monitoring:**

Parameter:	Quantity		Total
Biological Oxygen Demand (BOD)	3.0		
BOD/Carbonaceous	1.0		
Total Suspended Solids (TSS)	3.0		
*Chemical Oxygen Demand (COD)	20.0	(4 Weeks)	
*Chemical Oxygen Demand (COD)	25.0	(5 Weeks)	
Est. Monthly Analysis Budget: 4 Week Months			\$2,060.00
Est. Monthly Analysis Budget: 5 Week Months			\$2,460.00
Total Monthly Analysis Budget: 4 Week Months (Jan,Feb,Apr,Jun,Jul,Sept,Oct,Dec.)			\$3,739.00
Total Monthly Analysis Budget: 5 Week Months (Mar, May, Aug, Nov.)			\$4,139.00

#### Quarterly, Bi-Annual, and Annual Quality Assurance Monitoring:

Parameter	Quantity per Year	Totai
Arsenic	4.0	
Cadmium	4.0	
Chromium	4.0	
Copper	8.0	
Lead	4.0	
Molybdenum	4.0	
Nickel	4.0	
Zinc	4.0	
Selenium	8.0	
Silver	4.0	
Mercury	4.0	
Cyanide	4.0	
Total Hardness(CaCO3)	4.0	
Ammonia (as N)	4.0	
Oil and Grease	1.0	
Total Estimated Qtr. Bi-Annual Annual Anlaysis Budget		\$2,254.00

#### TOTAL ESTIMATED ANNUAL LABORATORY ANALYSIS BUDGET: \$48,722.00

#### **NON-ROUTINE MONITORING EVENTS:**

#### **Mixing Zone Quality Assurance Monitoring:**

Laboratory Analyses	C1100000		Quantity	Total
Fecal Coliform	SM9222D		6.00	-
Total, Analyses				216.00
Sample Collection and Data Reporting	j	Unit Rate	Quantity	Amount
Sampling Personnel, Hour		85.00	3.0	255.00
Project Manager, Hour		104.00	2.0	208.00
Project QC, M.Pollen		165.00	0.5	82.50
Secretarial, Hour		78.00	1.0	78.00
Mileage		.90/mile	25.0	22.50
Subtotal, Personnel & Materials				646.00
TOTAL EST. SURFACE WATER MONITO	PRING:			\$862.00
TOTAL EST. ANNUAL SURFACE WATER	MONITORING	BUDGET: (2 Events	3)	\$1,724.00



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#### Whole Effuent Toxicity (WET) Quality Assurance Monitoring:

Parameter	Unit Rate	Quantity	Total
Toxicity:			MANAGEMENT OF THE PROPERTY OF
Chronic 3rd brood and survival test Ceriodaphnia dubia		1.0	
7-day chronic survival and growth test Pimephales promelas		1.0	
Total. Analyses			\$1,725.00
Sample Collection and Data Reporting	Unit Rate	Quantity	Amount
Sampling Personnel, Hour	85.00	7.5	637.50
Project Manager, Hour	104.00	12.0	1,248.00
Project QC, M.Pollen	165.00	1.0	165.00
Secretarial, Hour	78.00	2.0	156.00
Vehicle Mileage	0.90/mile	60.0	54.00
Subtotal, Personnel			\$2,260.50
TOTAL EST. ANNUAL WET TESTING BUDGET:			\$3,985.50

#### Publically Owned Treatment Works (POTW) Quality Assurance Monitoring:

Parameter		Quantity	
Arsenic		6.0	
Cadmium		6.0	
Chromium		6.0	
Copper		6.0	
Lead		6.0	
Nickel		6.0	
Zinc		6.0	
Molybdenum		6.0	
Selenium		6.0	
Silver		6.0	
Mercury		6.0	
Cyanide		6.0	
Sulfolane		6.0	
Total, Analyses			\$2,450.10
Sample Collection and Data Reporting	Unit Rate	Quantity	Amount
Sampling Personnel, Hour	85.00	66.0	5610.00
Project Manager, Hour	104.00	12.0	1248.00
Project QC, M.Pollen	165.00	2.0	330.00
Secretarial, Hour	78.00	1.0	78.00
Mileage	.90/mile	100.0	90.00
Subtotal, Personnel & Materials			\$7,356.00
TOTAL EST. POTW MONITORING BUDGET:			\$9,806.10
TOTAL EST. ANNUAL POTW MONITORING BUDG	ET:(2 Events)		\$19,612,20

#### Reduced Publically Owned Treatment Works (POTW) Quality Assurance Monitoring:

Laboratory Analyses		Quantity	Total
Arsenic		6.0	
Chromium		6.0	
Copper		6.0	
Nickel		6.0	
Selenium		6.0	
Sulfolane		6.0	
Total, Analyses			930.00
Sample Collection and Data Reporting	Unit Rate	Quantity	Amount
Sampling Personnel, Hour	85.00	7.5	637.50
Project Manager, Hour	104.00	12.0	1248.00
Project QC, M.Pollen	165.00	2.0	330.00
Secretarial, Hour	78.00	1.0	78.00
Mileage	.90/mile	100.0	90.00
Subtotal, Personnel & Materials			2383.50
TOTAL EST. REDUCED POTW MONITORING BUD	GET:		\$3,313.50
TOTAL EST. ANNUAL REDUCED POTW MONITORING BUDGET:(2 Events)		\$6,627.00	



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#### **Biosolids Quality Assurance Monitoring:**

Laboratory Analyses	·	Quantity		
Arsenic		9.0		
Cadmium		4.0		
Chromium		4.0		
Copper		4.0		
Lead		4.0		
Nickel		4.0		
Zinc		4.0		
Selenium		4.0		
Potassium		4.0		
Phosphorous		4.0		
Mercury		4.0		
Total Solids/ Total Volital Solids		9.0		
Nitrate-Nitrite		4.0		
Total Kjeldahl Nitrogen		4.0		
Subtotal, Analyses				\$ 2,705.50
Data Reporting	Unit Rate	Quantity	······································	Amount
Project Manager, N.Rogers	104.00	12.00		1248.00
Sample Technitian	85.00	4.00		340.00
Project QC, M.Pollen	165.00	4.50		742.50
Secretarial, Hour	78.00	1.0		78.00
Field Equipment	100.00	1.0		100.00
Vehicle (mile)	0.90	50.0		45.00
Subtotal, Personnel & Materials			5.6	\$2,553.50
TOTAL EST. ANNUAL BIOSOLIDS MONITOR	ING BUDGET:			\$5,259.00
TOTAL EST. NON ROUTINE SAMPLING EVE	NT BUDGET:			\$37,207.70

<sup>\*</sup> All Quality Assurance Monitoring is billed to the Significant Industrial Users under the CONP IPP.



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#### NTL Documents:

- November 2010 Unit Rate Schedule





#### NTL ALASKA, INC. CONSULTATION SERVICES UNIT RATES

November 1, 2010

PERSONNEL	UNIT RATE	
Michael R. Pollen, Senior Environmental Consultant	\$ 165/hour	
Nathan Rogers, Environmental Scientist 2	104/hour	
Elizabeth Pollen, Environmental Analyst 1	70/hour	
Peggy Pollen, Secretarial Services/Administrative	78/hour	
Environmental Technician	85/hour	
Expert Testimony (Depositions and Expert Witness)	1.5 x Hourly Rate	

#### PROJECT EXPENSES

Vehicle Mileage	0.90/mile
Equipment Charges (Field and laboratory instrumentation)	Quote
Travel, Room, and Board	Cost + 15%
Other Project Related Direct Expenses	Cost + 15%

#### STANDARD TERMS AND CONDITIONS

Consultation services are invoiced on either a biweekly or monthly cycle at the client's preference. Purchase orders or general or fixed fee contracts can be arranged, depending on project requirements. Our payment terms are net 30 days from the date of invoice with a 1.5% per month service charge assessed on late payments.

"Understanding Water"

#### CITY OF NORTH POLE

#### **RESOLUTION 11-01**

A RESOLUTION OF THE CITY OF NORTH POLE TO FORMALLY ACCEPT A SUPPLEMENTAL MUNICIPAL MATCHING GRANT AWARD OFFER FROM THE ALASKA DEPARTMENT OF ENVIRONMENTAL CONSERVATION IN THE AMOUNT OF \$419,481 FOR THE SEWER LIFT STATION RENOVATION PHASE I

WHEREAS, the City submitted a request to the Alaska Department of Environmental Conservation (ADEC) for supplemental funding for Municipal Matching Grant (MMG) #63317 in the amount of \$419,481 for the Sewer Lift Station Renovation Phase I project, and

**WHEREAS,** the ADEC awarded the City supplemental funding for MMG# 63317 in the amount of \$419,481, and

**WHEREAS**, the Capital Project fund identifies the sources of required match that include a \$970,000 Environmental Protection Agency grant and \$148,603 from the Water-Sewer Fund; and

**WHEREAS**, the City agrees to adhere to any governing state regulations associated with the grant award;

**NOW, THEREFORE, BE IT RESOLVED**, by the North Pole City Council of the City of North Pole that the City formally accepts the Alaska Department of Environmental Conservation supplemental award for MMG #63317 in the amount of \$419,481 for the Sewer Lift Station Renovation Phase I project and accepts the conditions of the grant agreement.

**PASSED AND APPROVED BY THE NORTH POLE CITY COUNCIL** on the 18<sup>th</sup> day of January 2011.

	Douglas W. Isaacson, Mayor
EST:	Kathryn M. Weber, CMC, City Clerk

#### CITY OF NORTH POLE

#### **RESOLUTION 11-02**

A RESOLUTION OF THE CITY OF NORTH POLE TO FORMALLY ACCEPT A SUPPLEMENTAL MUNICIPAL MATCHING GRANT AWARD OFFER FROM THE ALASKA DEPARTMENT OF ENVIRONMENTAL CONSERVATION IN THE AMOUNT OF \$245,000 FOR THE WASTE WATER TREATMENT PLANT SLUDGE REMOVAL PROJECT

WHEREAS, the City submitted a request to the Alaska Department of Environmental Conservation (ADEC) for supplemental funding for Municipal Matching Grant (MMG) #63318 in the amount of \$245,000 for the Waste Water Treatment Plant Sludge Removal Project, and

WHEREAS, the ADEC awarded the City supplemental funding for MMG# 63318 in the amount of \$245,000, and

**WHEREAS**, the 2011 Capital Project fund identifies the sources of required match that include \$300,000 from the Water-Sewer Fund; and

WHEREAS, the City agrees to adhere to any governing state regulations associated with the grant award;

**NOW, THEREFORE, BE IT RESOLVED**, by the North Pole City Council of the City of North Pole that the City formally accepts the Alaska Department of Environmental Conservation supplemental award for MMG #63318 in the amount of \$245,000 for the Waste Water Treatment Plant Sludge Removal Project and accepts the conditions of the grant agreement.

PASSED AND APPROVED BY THE NORTH POLE CITY COUNCIL on the 18<sup>th</sup> day of January 2011.

	Douglas W. Isaacson, Mayor
EST:	Kathryn M. Weber, CMC, City Clerk

#### CITY OF NORTH POLE

#### **RESOLUTION 11-03**

A RESOLUTION OF THE CITY OF NORTH POLE TO FORMALLY ACCEPT A MUNICIPAL MATCHING GRANT AWARD OFFER FROM THE ALASKA DEPARTMENT OF ENVIRONMENTAL CONSERVATION IN THE AMOUNT OF \$524,977 FOR THE UTILITY GARAGE CONSTRUCTION PROJECT

WHEREAS, the City submitted a request to the Alaska Department of Environmental Conservation (ADEC) for a Municipal Matching Grant (MMG) in the amount of \$524,977 for the Utility Garage Construction Project, and

WHEREAS, the ADEC awarded the City MMG# 63319 in the amount of \$524,977 for the Utility Garage Construction Project, and

**WHEREAS**, the 2011 Capital Project fund identifies the sources of required match that include \$300,000 from the Water-Sewer Fund; and

WHEREAS, the City agrees to adhere to any governing state regulations associated with the grant award;

**NOW, THEREFORE, BE IT RESOLVED**, by the North Pole City Council of the City of North Pole that the City formally accepts the Alaska Department of Environmental Conservation MMG in the amount of \$524,977 for the Utility Garage Construction Project and accepts the conditions of the grant agreement.

PASSED AND APPROVED BY THE NORTH POLE CITY COUNCIL on the 18<sup>th</sup> day of January 2011.

	Douglas W. Isaacson, Mayor
EST:	Kathryn M. Weber, CMC, City Clerk