



Agenda
Village of Nampa
Council Meeting
November 17, 2020
Village of Nampa Council Chambers
7:00 p.m.

1. Call the meeting to order

2. Adoption of the agenda

3. Adoption of Previous Minutes

3.1 Minutes of the Regular Council Meeting held October 20, 2020

4. Business Arising out of the Minutes

4.1 Bylaw # 459 - Second & Third Readings

5 New Business

5.1 Minutes of the Organizational Meeting held on October 20, 2020

5.2 RFD: Appointee Joint Regional Assessment Review Board

5.3 RFD: Kristy Provost, President, Nampa Minor Hockey Assoc. November 4, 2020
RE: Donation Request

5.4 Deputy Elaine Manzer, Town of Peace River, Committee Chair, Peace Regional Healthcare
Attraction & Retention Committee, November 4, 2020 RE: PRHARC 2021 Requisition

5.5 Dennis Greenhow, Algae Control Canada, Email dated November 12, 2020 RE: Assessment
of Sludge Levels & Lagoon Mediation Recommendations

5.6 Darren Kuester, Board Chair, Peace River School Division , November 9, 2020 RE: Joint
Meeting with Peace River school Division Board of Trustees on February 3, 2021
**RSVP Required

6 Reports

Financial Reports

6.1a Cheque Listing For Council #20200509-20200550 /October 19 - November 12, 2020

6.1b October 2020 Bank Rec

6.2 CAO Report November 17, 2020

6.3 Public Works Report September - November 2020

6.4 Mayor/Deputy Mayor/Councilor Reports & Upcoming Meetings November 17, 2020

7. Correspondence

7.1 Fall 2020 APIAB Quarterly Report

7.2 Influenza Immunization in Your Community

7.3 NPHF Board Meeting Synopsis, October 7, 2020

7.4 Tracy Allard, Minister, Municipal Affairs, 2021 Provincial Budget Planning

7.5 Chris Husch, GM, Nutrien Ag Services, October 28, 2020 RE: 10032 Railway Avenue Building
Removal

7.6 Jason Kenney, Premier of AB. November 2, 2020 RE: Thank you Letter on Behalf of the
Village of Nampa

7.7 Gary Sandberg, Assistant Deputy Minister, Email dated October 19, 2020 RE: Municipal Indicators

8 Closed Session

8.1 Labour Issue FOIP; Section 17

9 Adjournment

**BYLAW - 459
VILLAGE OF NAMPA
PROVINCE OF ALBERTA**

A BYLAW OF THE VILLAGE OF NAMPA, IN THE PROVINCE OF ALBERTA, TO PROVIDE FOR THE ABATEMENT OF NUISANCE, PESTS AND TO REGULATE UNTIDY AND UNSIGHTLY PREMISES

WHEREAS Council may pursuant to the provisions of Section 546 of the Municipal Government Act, RSA 2000, Chapter M-26 enact legislation to among other things remedy dangerous, un-kept and unsightly property and;

WHEREAS the Council of the Village of Nampa deems it proper and expedient to pass legislation that grants powers to administration to deal with property that is deemed unsightly, dangerous to public safety and in a derelict or un-kept condition in an efficient and expedient manner.

NOW THEREFORE under the authority granted by Section 546 of the Municipal Government Act, RSA 2000, Chapter M-26 the Council of the Village of Nampa, in the Province of Alberta enacts as follows:

SECTION 1 - GENERAL

- 1.1 This Bylaw shall be referred to as the Unsightly, Un-kept and /or Dangerous Property Bylaw.
- 1.2 The Chief Administrative Officer or his/her designate is hereby authorized to enforce the provisions of this Bylaw in a manner deemed consistent with the provisions contained herein.

SECTION 2 - DEFINITIONS

- 2.1 **“Building material”** means all construction and demolition material accumulated on a premise while constructing, altering, repairing or demolishing any structure and includes, but is not limited to, earth, vegetation or rock displaced during such construction, alteration or repair.
- 2.2 **“Chief Administrative Officer”**, hereinafter called “the Officer”, shall mean the person appointed by Council to administer the affairs of the Village of Nampa in Accordance with the provisions of the Municipal Government Act, RSA 2000, Chapter M-26.
- 2.3 **“Council”** shall mean the Council of the Village of Nampa in the Province of Alberta.
- 2.4 **“Dangerous to Public Safety”** shall mean property that in the opinion of the Officer presents a threat to public safety because of its derelict, un-kept or untidy condition.
- 2.5 **“Designate”** shall mean the person, hereinafter who shall also be called the “Officer” appointed by the Chief Administrative Officer to enforce the provisions of this Bylaw.
- 2.6 **“Nuisance”** shall mean any disturbance that conflicts with the peace and quiet of the neighborhood and is the subject of a complaint.
- 2.7 **“Nuisance” in respect of land**, means land or any portion thereof, that shows signs of serious disregard for general maintenance and upkeep, whether or not it is detrimental to the surrounding area and;
 - a) excessive accumulation of material including but not limited to building materials, appliances, household goods, boxes, tires, vehicle/machinery parts garbage or refuse, whether of any apparent value or not.
 - b) any loose litter, garbage or refuse whether located in a storage area, collection area or elsewhere on the land.
 - c) damaged, dismantled or derelict vehicles or motor vehicles, whether insured or registered or not.
 - d) smelly or messy compost heaps.
 - e) unkempt grass or weeds in excess of 20 centimeters in length

- 2.8 **“Nuisance Weeds”** shall include weeds that are not defined as noxious or restricted under the “Noxious and Restricted Weed Act” of the Province of Alberta.
- 2.9 **“Noxious or Restricted Weeds”** shall mean weeds that are defined as noxious or restricted under the “Noxious or Restricted Weed Act” of the Province of Alberta.
- 2.10 **“Order”** means a written statement from the Officer requiring the Owner to remedy a condition contravening the provisions of this Bylaw.
- 2.11 **“Owner/Owners”** shall mean the person/persons of record as shown of the tax records of the Village of Nampa as being the owner of the property that is subject to this Bylaw or a person who is the occupant of the property under a lease, license or permit.
- 2.12 **“Unsightly or Untidy”** shall mean property that is in the opinion of the Chief Administrative Officer or his/her designate considered to be unsightly or untidy.
- 2.13 **“Unsightly Premises”** means any property or part of it which is characterized by visual evidence of a lack of general maintenance and upkeep by the excessive accumulation on the premises of;
- a) any rubbish, refuse, garbage, papers, packages, containers, bottles, cans, manure, human excrement or sewage or the whole or a part of an animal carcass, dirt, soil, gravel, rocks, sod, petroleum products, hazardous materials, disassembled equipment or machinery, broken household dishes and utensils, boxes, cartons and discarded fabrics.
 - b) the whole or part of any motor vehicle or vehicles which has no current license plate attached to it and in respect of which, no registration certificate has been issued for the current year, and which is inoperative by reason of removed parts, or equipment.
 - c) equipment or machinery which has been rendered inoperative by reason of its disassembly, age or mechanical condition and includes any household appliances.
 - d) animal material, yard material, ashes, building material and garbage as defined in this Bylaw.
 - e) All Owners/Occupants of property shall control noxious or restricted weeds on their property as required by Provincial Legislation.
 - f) All Owners/Occupants of property shall maintain their property in a manner such that all nuisance weeds and grass are maintained in a manner consistent with the intent of this Bylaw.
 - g) All Owners/Occupants of property shall maintain the boulevards adjacent to the property they own or occupy in a manner consistent with the intent of this Bylaw by:
 - a) removing any accumulation of fallen leaves or other debris and
 - b) no parking of motor vehicles; recreational vehicles; equipment or machinery on boulevard.
- 2.14 All Owners/Occupants of property shall maintain the lanes and grass walkways adjacent to their property in a manner consistent with the intent of this Bylaw.
- 2.15 All Owners/Occupants shall maintain trees and shrubs on their property in a manner such that they do not overhang onto public property so as to cause a threat to public safety.
- 2.16 No Owner/Occupant of property shall allow the proliferation of, or harbor any insect, animal or pest that is likely to spread disease, be destructive, dangerous or otherwise become a nuisance.
- 2.17 No Owner/Occupant shall cause or permit a nuisance to exist in respect of any building on land they own or occupy.

- (a) For the purpose of greater certainty a nuisance, in respect of a building, means a building, or any portion thereof, showing signs of a serious disregard for general maintenance and upkeep, whether or not it is detrimental to the surrounding area, which includes:
 - (b) Any damage to the building;
 - (c) any graffiti displayed on the building that is visible from any surrounding property
 - (d) Any rot or deterioration within the building; and
 - (e) Any inappropriate infiltration of air, moisture or water into the building due to peeling, unpainted, untreated surfaces, missing shingles or other roofing materials, broken or missing windows or doors, or any other hole or opening in the building
 - (f) Fencing - No owner of a property shall allow the fence to become dilapidated
 - 1) All fencing must be made of approved fencing material
 - 2) All screening must be kept in a reasonable state of repair

2.18 **“Unoccupied Building”** means a building normally intended for human habitation which is unoccupied then any door or window opening in the building may be covered with a solid piece of wood but only if the wood is:

- a) Installed from the exterior and fitted within the frame of the opening in a watertight manner;
- b) Of a thickness sufficient to prevent unauthorized entry into the building;
- c) Secured in a manner sufficient to prevent unauthorized entry into the building; and
- d) Coated with an opaque protective finish in a manner that is not detrimental to the surrounding area.

2.19 If a building normally intended for human habitation is unoccupied then every walkway and driveway on the property shall be maintained clear of snow and ice by the person who owns the property.

2.20 No Owner/Occupant of property shall allow lawn clippings, dirt or other debris to be stored, piled or deposited loose on public property.

SECTION 3 - ENFORCEMENT

- 3.1 The Officer shall have the authority to enter upon lands of the Owner/Occupant for the purpose of enforcing the provisions of this Bylaw.
- 3.2 When in the opinion of the Officer a condition exists which in the opinion of the Officer contravenes any of the provisions of this Bylaw the Officer may direct the Owner to take whatever action the Officer deems appropriate in order to rectify the condition.
- 3.3 The Officer shall provide to the Owner an Order stating;
 - a) The nature of the infraction
 - b) The remedy to be taken
 - c) The time the Owner has to remedy the infraction.
 - d) The action that may be taken by the Officer in order to enforce the Order.
 - e) How the costs to enforce the Order are to be recovered by the Village in the event the Order is enforced using Village crews or contractors.
 - f) The right the Owner has pursuant to the provisions of the Municipal Government Act to appeal the Order.

First Non - Compliance Offense - Failure to comply with order will result in owner of the property being fined \$100.00.

Second Non Compliance Offense - Owner of property being fined \$200.00 and issued a final clean up notice (7 day notice).

Third Non-compliance offense will result in the home owner being fined \$400.00 and that the Village may take any action or measure reasonably necessary to remedy the contravention at the expense of the property owner. If a company/contractor is hired by Village to perform the cleanup, costs will be borne by the owner of the property.

3.4 In the event the Officer is required to take action to remedy the conditions of an Order the costs to enforce the Order shall be borne by the Owner and may be added to the tax roll of the property that is the subject of the Order.

3.5 Any person/persons entering the property for the purposes of enforcing an Order that has been issued is doing so under the direction and authority of Council and shall not incur any liability related to damages caused accidentally.

SECTION 4 - EFFECTIVE DATE

4.1 Bylaw # 420R is hereby repealed.

This Bylaw shall come into force and effect when it receives third and final reading and is duly signed.

READ a first time this 20th day of October 2020.

READ a second time this 17th day of November, 2020

CONSENT to proceed with third Reading this 17th day of November, 2020

READ a third time and finally passed this 17th day of November, 2020

Mayor

Chief Administrative Officer



Agenda Item # 5.2

Request for Decision (RFD)
Council Meeting November 17, 2020

Topic: Appointee to the Joint Regional Assessment Review Board

Background:

The Village of Nampa entered into a Joint Regional Agreement with Clear Hills County, Northern Sunrise County, Town of Peace River, and Village of Hines Creek for the sharing of Assessment Review Board members. Council needs to appoint a member to the Board by resolution of council. There will be training required and I will be notified at the end of November in regards to it.

Administration Recommendation:

That council appoint a member to the Joint Regional Assessment Review Board as Village of Nampa Representative

From: office@nampa.ca
To: cao@nampa.ca
Subject: FW: Donation Request
Date: November 4, 2020 10:24:57 AM
Attachments: [Sponsorship letter Nampa.pdf](#)

From: Kristy Provost <nampaminorhockey@gmail.com>

Sent: November 4, 2020 10:18 AM

To: office@nampa.ca

Subject: Donation Request

Hi Shirley,

Can you please forward this along to be added to the next Village Council meeting. If you need anything else, please let me know.

Thanks!

Kristy Provost

President

Nampa Minor Hockey Association

From: [Ruth McCuaig](#)
To: cao@nampa.ca
Subject: Request from Peace Regional Healthcare Attraction and Retention Committee
Date: November 4, 2020 11:23:15 AM
Attachments: [image001.png](#)
[2020 11 04 PRHARC 2021 Requisition - Village of Nampa.pdf](#)

Good morning,

Please find attached a funding request to your Council from the Committee.

As you know, the Committee engages actively with RhPAP, AHS and local physicians to attract and retain healthcare providers in the region.

The Committee draws on member municipalities as well as grants and awards to support this goal. The Committee has not requested funding from member municipalities since 2019, and has now voted to enact the provision within the Terms of Reference to request funding for the 2021 budget year.

Regards,

Ruth McCuaig | Executive Assistant To CAO and Council



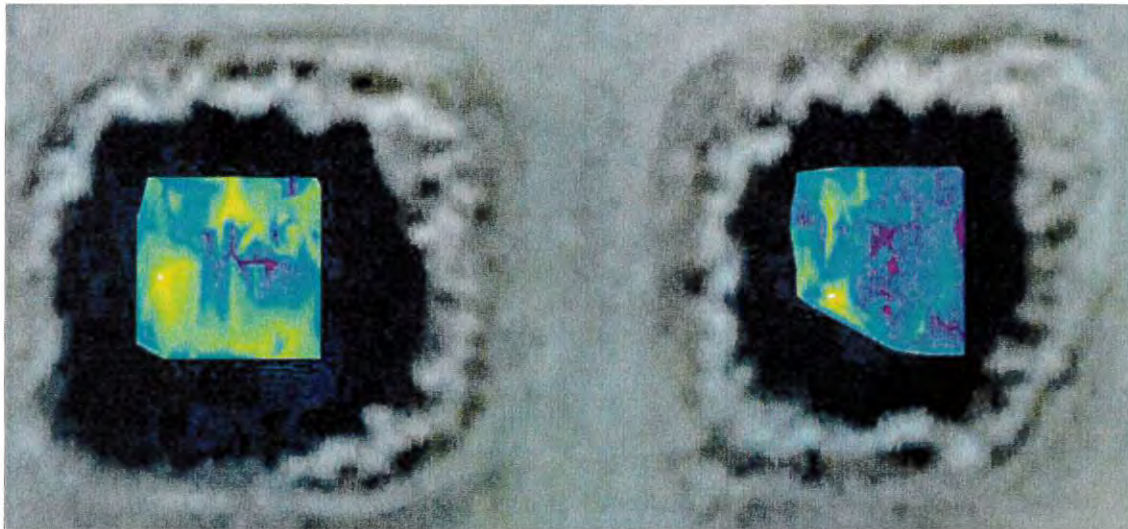
Box 6600, 9911 - 100 Street, Peace River, AB T8S 1S4

P (780) 624.2574 | **F** (780) 624.4664

[Facebook](#) | [Twitter](#) | [Instagram](#) | [Online](#)

VILLAGE OF NAMPA

Preliminary Assessment of Sludge Levels



Prepared by
Dennis Greenhow



Algae Control
CANADA

www.algaecontrol.ca

1-888-466-0031

TABLE OF CONTENTS

| | |
|---------------------|----------|
| SUMMARY..... | 1 |
| Measurements..... | 2 |
| NW Cell..... | 2 |
| NE Cell..... | 3 |
| Discussion | 4 |

SUMMARY

The Village of Nampa Wastewater Treatment Facility has a six-cell lagoon system consisting of four anerobic cells, a facultative cell, and a storage/polishing cell. To the knowledge of the operators none of the cells have ever been mechanically dredged.

One of the identified concerns of the operations staff is that there is an accumulation of sludge in some or all of the cells, especially the anaerobic cells that may be leading to impairment in the efficiency of the overall system.

In September 2020, Dennis Greenhow of Algae Control Canada visited the site and used a sonar device to perform some rudimentary mapping of the sludge levels in the north west cell; Anaerobic 1 and the north east cell; Anaerobic 2.

Based on the variation in depth in both cells it was also evident that there was significant accumulation in both cells. It was observed that, assuming similar initial depths, significantly more sludge had accumulated in the north west cell than in the north east cell. This is due to the north west cell being the primary entry point for the waste stream before flowing to the north east cell.

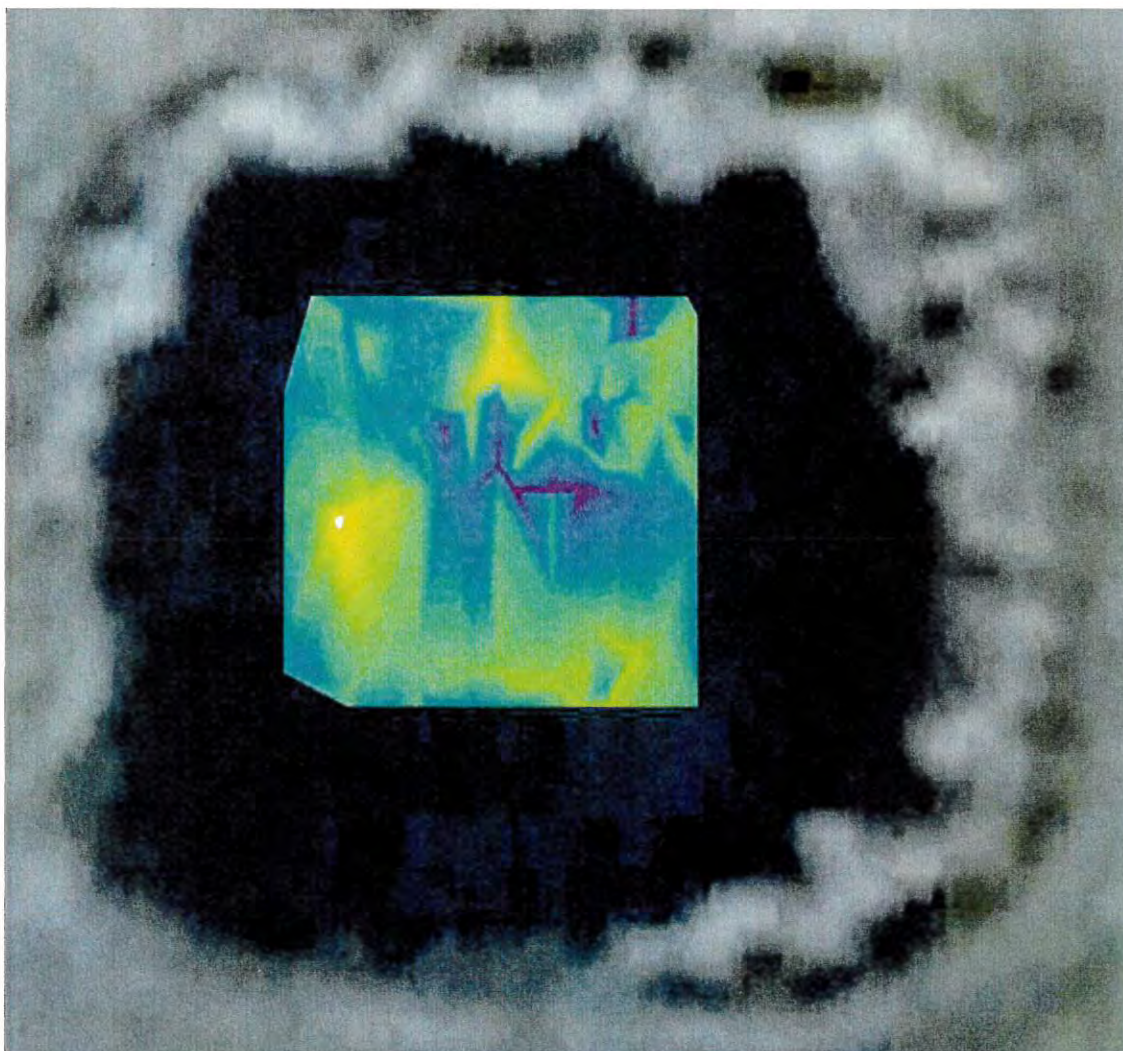
Treatment with proven sludge reducing bacteria is recommended to reduce sludge levels in the anerobic cells and improve the efficiency of the system as a whole.

MEASUREMENTS

Although measurements were taken of the entirety of the north west and north east cells, an approximate 100m² section of each cell was used to compare the data.

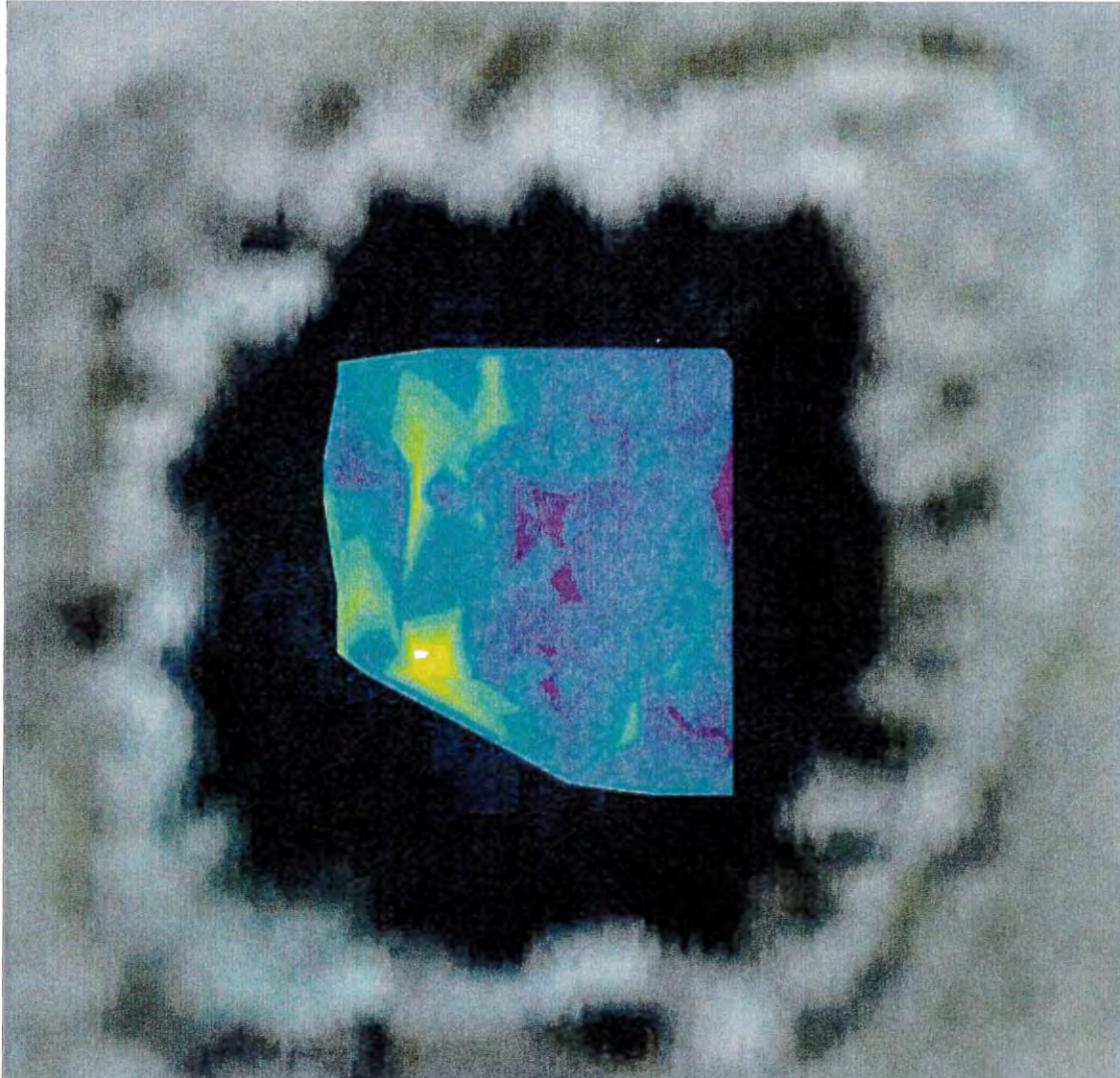
NW Cell

| | |
|-------------------------------------|-------------------|
| Surface Area: Approximately | 520m ² |
| Estimated Average Water Depth: | 1m |
| Maximum Water Depth: | 2.5m |
| Estimated Current Water Volume: | 520m ³ |
| Average Measured Depth of Test Area | 1.05m |



NE Cell

| | |
|-------------------------------------|-------------------|
| Surface Area: Approximately | 430m ² |
| Estimated Average Water Depth: | 1.40m |
| Estimated Water Current Volume: | 602m ³ |
| Average Measured Depth of Test Area | 1.48m |



DISCUSSION

Assuming both the NW and NE anaerobic cells had a similar starting depth; approximately 3 meters, it is apparent that the NW cell has more accumulated sludge than the NE cell. This has resulted in the NE cell having a 16% larger volume despite having a 17% smaller surface area.

The north west cell: Anaerobic 1 is showing an average sediment layer that is approximately 2 meters deep, leaving on average, only one meter of water volume throughout the cell to accomplish the organic breakdown and solids drop out. The north east cell: Anaerobic 2 is showing an average sediment layer that is approximately 1.5 meters deep, leaving on average, only 1.5 meters of water volume throughout the cell to accomplish the organic breakdown and solids drop out.

Every 10cm average sludge reduction in the NW cell will add an estimated 52m³ of treatment volume to the system. With treatments of Sludge RX and BugJuice, both the NW and NE cells (as well as the other cells in the system) could realize a significant reduction in sludge levels, and a corresponding increase in volume which will improve the overall effectiveness of the system.

For example, a 50cm decrease in average sludge volumes from both the NW & NE cells would increase the system volume by an estimated 475m³ of anaerobic treatment volume to the system. Based on the level of accumulation observed in both cells this is not an unrealistic expectation of a proven product like Sludge RX, especially if an aggressive treatment cycle were in place.



LAGOON MEDIATION RECOMMENDATION

PREPARED FOR

Jeremy McNeil

Village of Nampa

PO Box 69

Nampa, Alberta T0H 2R0

publicworks@serbernet.com

PREPARED BY

Dennis Greenhow

Algae Control Canada

39041 Range Road 283

Red Deer County, Alberta T4E0M2

dennis@algaecontrol.ca

<https://www.algaecontrol.ca/>

INTRODUCTION

JEREMY MCNEIL
VILLAGE OF NAMPA
PO BOX 69
NAMPA, AB
T0H 2R0

Dear Jeremy,

Algae Control Canada is pleased to present to you our proposal for Lagoon Mediation.

I would like to thank you for giving Algae Control Canada the opportunity to help you develop a long term mediation plan for the Village of Nampa's wastewater lagoons. I appreciate the time you spent helping me to understand your system and the issues you are dealing with.

At Algae Control Canada we are committed to providing our customers with cost-effective tools to identify and manage the complex problems that are preventing our customers from achieving their treatment target. We committed to:

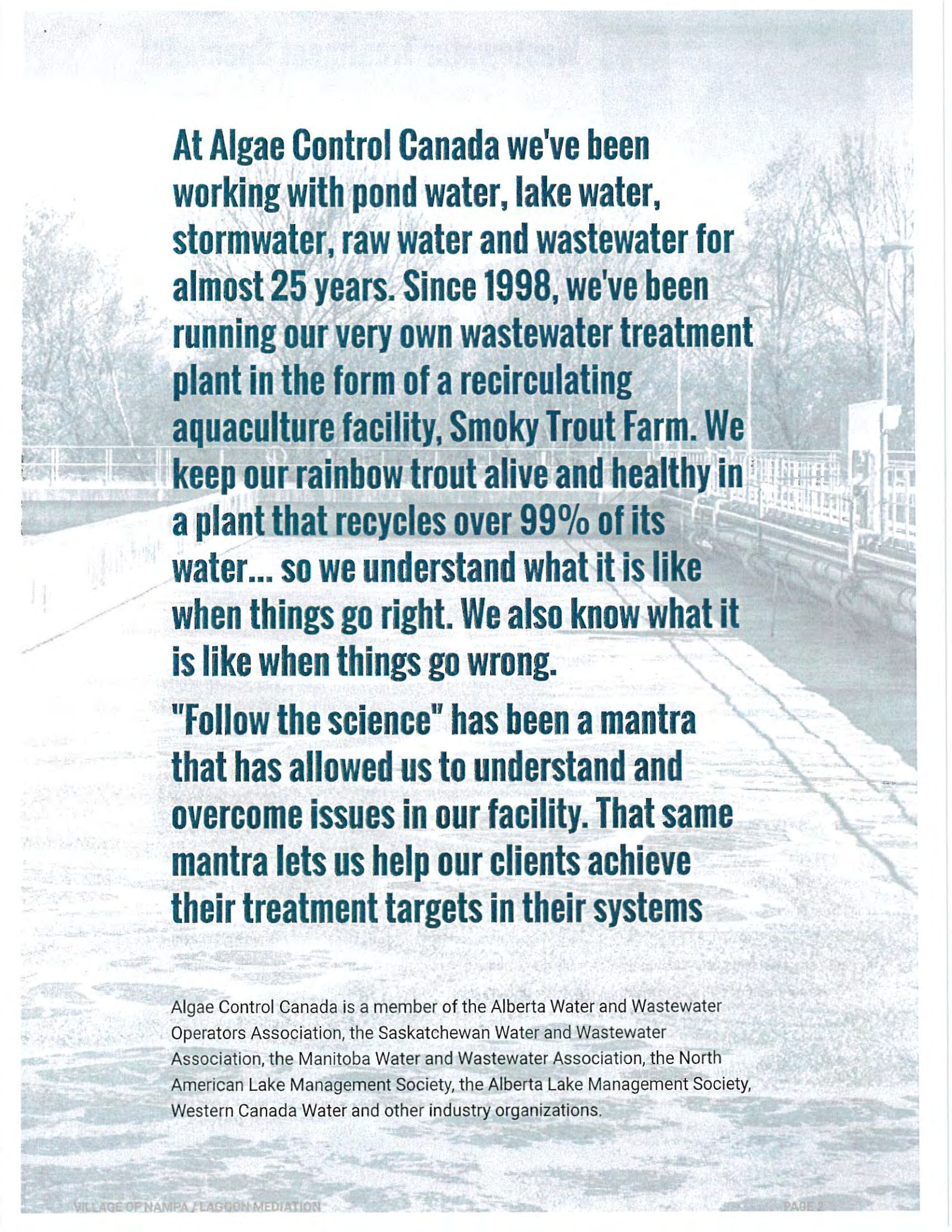
- Amazing customer service
- Letting science lead the way
- Always telling you the truth (even if it means we don't make the sale or admitting when we don't have the answer)
- Providing targeted solutions using industry-leading treatment products and technologies

I hope that you find the information in this proposal helpful. I look forward to speaking with you about it in the near future.

Sincerely,

Dennis Greenhow

Business Development Manager, Wastewater Products
Algae Control Canada



At Algae Control Canada we've been working with pond water, lake water, stormwater, raw water and wastewater for almost 25 years. Since 1998, we've been running our very own wastewater treatment plant in the form of a recirculating aquaculture facility, Smoky Trout Farm. We keep our rainbow trout alive and healthy in a plant that recycles over 99% of its water... so we understand what it is like when things go right. We also know what it is like when things go wrong.

"Follow the science" has been a mantra that has allowed us to understand and overcome issues in our facility. That same mantra lets us help our clients achieve their treatment targets in their systems

Algae Control Canada is a member of the Alberta Water and Wastewater Operators Association, the Saskatchewan Water and Wastewater Association, the Manitoba Water and Wastewater Association, the North American Lake Management Society, the Alberta Lake Management Society, Western Canada Water and other industry organizations.



Wastewater Treatment Specialist

DENNIS GREENHOW, BUSINESS DEVELOPMENT

Dennis is a Chemical Engineering Technologist who concentrated his studies on Water and Wastewater while studying at Loyalist College and the University of Ottawa. Since joining Algae Control Canada he has been working with wastewater operators across the Canadian Prairies to help them implement cost-effective and efficient treatment solutions in their facilities. Dennis loves visiting his customers' facilities and learning about the way they manage their systems.

Team Members

MAX MENARD

AERATION DESIGN | FISHERIES MANAGEMENT

Max founded Smoky Trout Farm with his father Dan more than two decades ago. His water management knowledge is founded in the management of our own Recirculating Aquaculture Facility. There are few people in Canada with as much experience as Max at improving and maintaining private recreational water bodies.

He launched the Algae Control Canada brand with his brother Ray in 2016 to offer water management solutions to customers beyond fisheries management. In addition to the management of fish-bearing waters, Max has collaborated on the design of aeration systems and treatment programs for stormwater ponds, raw water reservoirs and wastewater lagoons.



RAY MENARD

BUSINESS DEVELOPMENT - SURFACE WATER | PROJECT MANAGER

After two decades in the financial service industry, Ray joined the family business in 2014. His experience as a commercial banker and high-level relationship manager gives him a unique perspective in the water management business. As a business banker, Ray recognized there was no way he could be an expert in everything his clients needed so he gained an in-depth knowledge of business issues and developed a network of professional partners, including lawyers, investment managers, accountants and insurance specialists that he could leverage to ensure his customers were getting the best advice possible for their situation. Ray applies exactly the same principle to the water management business.

Through membership in industry associations and attendance at their conferences and seminars, Ray has developed a familiarity with the many water quality issues we face today and broad knowledge of the tools that are available to manage them. More importantly, the relationships he has cultivated with top limnologists, aquatic scientists, biologists, chemists and engineers give Algae Control Canada access to an unparalleled knowledge base.



Partners

One of the biggest barriers to success is trying to be all things to all people. At Algae Control Canada we're good at what we do but when we run into something we haven't seen before, we're not afraid to say "We don't know". But even if we don't know the solution to a problem, we almost certainly know someone who does.



KEVIN RIPP

DIRECTOR OF SCIENCE & INNOVATION | AQUAFIX INC

Kevin has degrees in Chemistry and Biology and has been leading the development and application of the Naturalake Biosciences product line since 2000. He takes the knowledge and experience gained from a career in the chemical and bioscience industries to pursue new technologies for treating waterways ecologically. Kevin's expertise and vision keep Naturalake Biosciences at the forefront of the aquatics industry.



DÖRTE KÖSTER, PH.D.

SENIOR AQUATIC SCIENTIST | ASSOCIATED ENVIRONMENTAL CONSULTANTS

Dörte has over 20 years of experience in aquatic science, with a focus on monitoring, modelling and managing surface water quality. Dörte is an expert in assessing effluent discharges and in studying and managing lake algal blooms. She has served as a senior advisor to government, utilities, and stewardship groups for water quality monitoring programs, advanced data analysis, technical reviews, stormwater quality, source water protection, and watershed management.

PATRICK GOODWIN

RESEARCH SCIENTIST | VERTEX AQUATIC SOLUTIONS



Patrick earned his Master of Science in Lake Management from the State University of New York College at Oneonta. As an elite NALMS Certified Lake Manager, he is a recognized national authority on sustainable lake restoration technology including nutrient reduction, water quality improvement, lake aeration design and cyanobacteria management. Patrick is now serving as the President of the Northeast Chapter of the Florida Lake Management Society.

He has been on the Florida Lake Management Society Board (FLMS) and a member since 2015. In addition, he is on the Student Committee for the Midwest Aquatic Plant Management Society (MAPMS), as well as nine other prestigious aquatic plant and lake management organizations in the country. Patrick has presented research or conducted training relating to sustainable lake management technology for these national and state level Aquatic Plant Management Society (APMS), North American Lake Management Society (NALMS) organizations at their annual conferences.



HOW WE WORK

1. WE SEEK FIRST TO UNDERSTAND

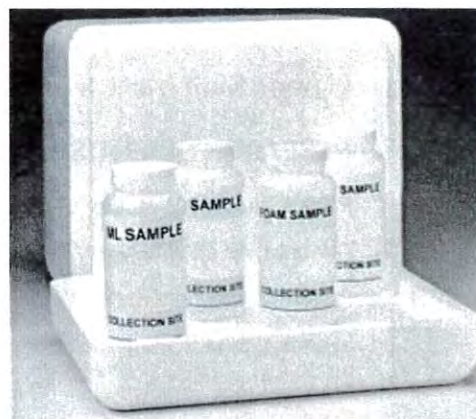
- Data collection, site visits, sampling data... we want it all.

2. SOLUTION DEVELOPMENT

- Data analysis, research and consultation go into every solution we develop.

3. IMPLEMENTATION AND MONITORING

- We make sure our clients know how to properly apply the product and that the right sampling data is being collected and recorded, so we can analyze it and assess how well the products are working so we can adjust future treatments accordingly.



Algae Control
CANADA

Background

SYSTEM OVERVIEW

- Nampa Population = ~364
- Six (6) Cell Lagoon System
- One (1) Lift Station that feeds waste stream from town on to the lagoon; ~0.9 kilometres away
- Village of Nampa Elevation = 577 m
- Lagoon Elevation; High Water Level = 582 m Floor Elevation = 578 m
- Annual Discharge Receiving Waterbody = Heart Creek

SYSTEM FLOW

Flow leaves town via lift station and gravity feed approximately 0.9 kilometres to the lagoon system where it flows through a diverter valve before being sent to the Anaerobic cells. This diverter plate allows operations to choose whether the inflow is sent to one cell, the other cell or both. Once the waste stream has made its way through all four anaerobic cells it is sent to the Facultative cell for further organic breakdown and nutrient removal. From the facultative cell, the waste stream meets the final destination within the lagoon system, the Storage cell. Here polishing of the wastewater takes place before being discharged to Heart Creek. This discharge will provide the required increase in treatment volume and storage area for the upcoming year.

IDENTIFIED ISSUES

Issues currently being experienced in the Village of Nampa's Lagoon System are elevated sludge levels and algal blooms due to nutrient-rich water. This system was commissioned in 1983 and to the knowledge of the operations department, they have never had any of the cells dredged. Although some products have been used in the past in an attempt to mediate the sludge accumulation, operations staff is skeptical whether or not the results expressed by the provider are being met.

Discussion

An oversized lagoon cell system was commissioned in 1983 for the Village of Nampa's wastewater needs. It consists of 6 cells: four anaerobic cells, one facultative cell and one storage cell. The residential and commercial wastewater stream from the Village of Nampa leaves town via lift station and gravity fed, approximately 0.9 kilometres to the lagoon system where it enters a Y-pipe. This Y-pipe houses a diverter plate to give ease of operations as they can open up the flow to either of the first two anaerobic cells or divert to just one of the cells of their choice depending on their required needs at any given time. The first stage of treatment begins in the four anaerobic cells which are used for removal of the insoluble organics, inorganic and organic solids from the wastewater stream and to begin the microbial breakdown of the organics and nutrients within the wastewater stream.

From the primary cells, the waste stream is discharged to the facultative cell where continued solids removal, facultative action and the nitrification process begin. All of these actions are completed within one of the three zones; the anaerobic zone (bottom, no oxygen) the facultative zone (middle, mostly oxygenated) and the aerobic zone (surface, oxygen present). Inside each of these zones of the facultative cell, continued removal of BOD, settleable solids, pathogens and fecal coliforms takes place. The removal of nitrogen through the nitrification process is also completed in this cell; elevated nitrogen levels contribute to the toxic form of ammonia which will cause toxic events if discharged to any fish-bearing water bodies.

Once the wastewater stream leaves these cells, it is sent to the storage cell for further facultative action and the polishing of the wastewater begins to take place. This polishing process will help to drop out any light and heavy total suspended solids (TSS) and completes further nutrient removal before being sent to the final destination, the Heart Creek. At a predetermined time of year, spring or fall, the discharge valve is opened up to release the effluent to the Heart Creek, which will lower the water level in all the cells to provide an additional storage volume for the upcoming year.

The concerns expressed by the operations staff within the wastewater system are the future build-up of sludge (organic and inorganic solids, insoluble organics), current high volumes of inorganics (flushable wipes, feminine hygiene products, lint, plastics, etc), potential algal blooms and high testing values that develop due to the very nutrient-rich water.

When commissioned, the system was designed to house the required population of bacteria that will perform the appropriate microbial action to degrade and consume the incoming organics. This would ensure a clean effluent discharge. The heavy solids that enter the system, drop to the bottom and accumulate in the sediments. As the sediment layer rises, the volume of water decreases. This leads to a decrease in the native bacteria population and the result is an underperforming system with a lack of degradation and consumption, nutrient-rich water and a whole host of other issues.

There have been some bioaugmentation mediation methods used in the past but the operations staff are skeptical whether or not it has performed as hoped. Without a sludge level survey completed before and after treatments, it is very difficult to know if the method that was in place had delivered the required results. Sludge level testing will provide a baseline or starting point before treatment and these surveys should be repeated at regular intervals to determine product efficiency. Regular water quality testing should also be used to determine how healthy a system is, however it will not provide any insight on sediment depth.

One of the most effective methods of treating lagoon systems is through the use of aeration. Aeration adds additional oxygen that allows for more treatment to be completed in a much smaller area. Testing has shown that aeration will improve biological oxygen demand (BOD) removal, increase nitrification of ammonia, lower TSS and reduce odour. There is no available power source at the lagoons and a solar aeration system big enough to deliver effective improvements would be very expensive.

Physically removing the sediments through dredging would provide the needed increase in lagoon volume. However, given the large size of the lagoons, it is highly unlikely dredging would be an economical option for the Village of Nampa.

Bioaugmentation is a cost-effective, non-labour intensive option that will establish and fortify populations of beneficial bacteria. The colonies of these microorganisms will degrade organics in the sediment layer resulting in an increase in lagoon volume and performance.

Proposal

MEDIATION OVERVIEW

One of the most efficient means of improving wastewater lagoon functionality is through the application of biological treatments to the sediments. This will result in better nitrification and denitrification as well as a reduction in BOD and TSS. Alberta has wide annual temperature extremes resulting in fluctuating conditions in wastewater lagoons throughout the seasons. The utilization of very specifically targeted products, optimized for specific seasonal applications, will better deliver the desired results.

Algae Control Canada recommends a treatment cycle with a warm-weather probiotic formulation combined with a biocatalyst for organics removal for the anaerobic cells for the spring, summer and fall time periods. Sludge Rx™ is a pelletized product that would be broadcast over the surface of the cells; concentrating on the known areas of sludge build-up. Upon settling to the sediments the pellets begin to dissolve, creating an effervescent action that breaks up the sediments. Particles of the sludge rise in the water column where they are consumed by the existing floc (bacterial colonies) present there. The newly exposed surface area of the sludge is then penetrated, consumed and degraded by the colony-forming bacteria contained in the Sludge Rx™ pellets. This allows for a combined penetration of 3 - 4 inches into the sludge compared to the usual 1 - 2 inches of bacterial penetration for a greatly improved rate of degradation.

Bacteria do not efficiently degrade insoluble organics such as lint, paper fibres and plant tissue. Supplementation with a digester product is recommended. Over time treatments with BugJuice will allow more complete degradation of insoluble organics, decreasing the sediment layer and strengthening the health of the resident bacterial populations.

During the winter months, the native carbonaceous and autotrophic bacteria enter a dormant state with a greatly reduced metabolism. During this period treatment with a cold-weather probiotic formulation is recommended for all cells. VitaStim Polar outperforms other available treatments as the bacteria strains in this product stay active and functioning in temperatures as low as 5 °C. Adding to the lift station allows for longer retention time, better mixing and improved solids breakdown before it reaches the lagoon cells.

RECOMMENDATIONS

Based on the blueprints, briefing with operators, water quality data and all other information provided by facility operators, a bioaugmentation treatment program (probiotic cultures and biocatalysts) is recommended to achieve and maintain the desired sludge levels, as well to control and eliminate any algal blooms in the Village of Nampa's WWTF. These treatments will lower the existing sludge levels and reduce the accumulation rates of new sludge. BOD, ammonia and TSS levels will be reduced throughout the system while improving nutrient degradation and consumption rates.

Recommendation for the 2021 calendar year includes the implementation of year-round lift station application of BugJuice and seasonally appropriate VitaStim products. This will deliver pretreated influent to the lagoons that ensure maximum degradation of soluble and insoluble organics.

Treatment with a cold-weather probiotic formulation is recommended for all cells; Anaerobic 1 - 4, and Facultative and Storage Cells for fall, winter and spring via lift station applications. Treatment with a warm-weather probiotic formulation combined with a biocatalyst is recommended for Anaerobic Cells 1, 2, 3, 4; with applications applied directly to the cells.

This proposal features two options; Scenario 1 and Scenario 2. Scenario 1 will be an aggressive treatment for the summer months. Sludge Rx applied to the anaerobic cells 1, 2, 3 & 4 at a much higher dosage rate than the standard treatment cycle. This aggressive treatment will help us to reach our goal much faster and provide the ability to lower dosages to a maintenance level dose much quicker.

Scenario 2 will be a minimum dosage rate which will provide lower water quality values within the effluent as well work to eliminate the sludge height within the anaerobic cells but this dosage rate will be a more prolonged treatment cycle. The same results will be achieved but over a longer period of time.

This recommendation will be for the annual cycle of January 2021 through to December 2021. The intent is to provide mediation methods to the Village of Nampa for the next three years to truly deliver the results that are required by this system. Elimination of the existing sludge layer will extend the time between the need for expensive dredging and nutrient reduction will reduce algal blooms. As only organics can be degraded, eventually minerals and inorganics will need to be physically removed from the lagoons. The duration between these costly dredgings can be substantially increased by implementing our bioaugmentation recommendations.

These intense warm weather and cold weather treatment programs will greatly enhance the existing system, delivering amazing and cost-effective results over the long term. If accepted, the treatment program will be implemented on one-year terms, after each of which meetings will be held to review the results of the treatments so adjustments can be made for the following year.

SLUDGE RX™

Sludge Rx™ will turn one foot of nutrient-filled sludge into a few inches of bacterial biomass. Designed for all types of wastewater facilities, these tablets lower effluent TSS, ammonia, phosphate, and improves effluent pH. Sludge Rx tablets contain The Diversiform Blend™: a synergistic blend of bacterial cultures and biostimulants that dramatically reduces sludge and nutrients in wastewater lagoons. The components of Sludge Rx stimulate bacterial growth in the sludge layer and degrade insoluble forms of BOD which result in lower effluent ammonia and phosphate. While the tablets degrade sludge, they go after the root causes of water quality issues that originate on the bottom.



Sludge—whether it's in a lagoon, oxidation ditch, or aerator—is a rich source of carbon, nitrogen, phosphorus, and all the nutrients at the bottom are what make up the “internal nutrient reservoir.” These nutrients are released fastest when waters are warm in the summer.

BENEFITS:

- Reduces sludge production
- Reduces present sludge & ammonia levels
- Introduces micronutrients and biostimulants

BUGJUICE

The catalysts in BugJuice reduce sludge hauling and digest the toughest forms of undigested BOD. Things like lint, paper fibres, plant tissue, and oils typically settle out in a wastewater plant, then end up as digester sludge. Using BugJuice prevents undigested BOD from bulking the sludge and impeding settling.

BugJuice contains a biochemical catalyst, developed by our lab, that when added into a lagoon, wastewater treatment plant, digester or sludge storage tank it degrades all the grease, oils, waxes and papers the bacteria cannot. This turns the insoluble materials into food for the bacteria, creating less sludge. It also improves settling, creates a denser sludge and gives you much less to haul.



BENEFITS:

- Reduces sludge production and improves settling.
- Saves operators thousands on hauling costs
- Degrades everything the bacteria cannot.

Bacteria can only eat simple things; BugJuice comes in and eats the rest. Digestive stages during treatment may become inefficient as they cannot break down all the sludge and BugJuice will assist with the degradation.

JANUARY - APRIL & OCTOBER - DECEMBER

VITASTIM POLAR

VitaStim Polar brings a highly-concentrated blend of psychrophilic (cold-loving) microorganisms from the lab into reality. For temperatures between 5 °C – 17.8 °C, this product is great for lowering winter's BOD and TSS. On average customers who use our VitaStim Polar during the winter report a 30% to 60% decrease in effluent BOD from using this technology.

VitaStim Polar saves systems during the dead of winter because of its ability to degrade municipal wastes, phenols, surfactants and other industrial wastes at temperatures as low as 5 °C. The probiotic components in VitaStim Polar promote healthy biological activity to both the indigenous and Polar Blend bacteria.



BENEFITS:

- Creates healthier biomass under cold temperatures
- Promotes nitrification
- Provides great recovery from upsets
- Cleans industrial wastes
- Lowers BOD and TSS
- Increases cell metabolism during the depths of winter
- Improves settling

VITASTIM SLUDGE REDUCER

VitaStim Sludge Reducer is a potent blend of 23 essential vitamins, biostimulants, biocatalysts, and select biological species custom blended for wastewater lagoon treatment. The bacterial cultures within this probiotic function best in the in-between water temperatures (17-20°C).

Sludge Reducer naturally decreases sludge blanket thickness at 1/10th the cost of dredging. With VitaStim Sludge Reducer, you can easily remove 30-60% of sludge from your lagoon. As the bacteria go to work consuming organics you'll also notice improvements in effluent BOD, TSS, and decreased odour.



VitaStim Sludge Reducer is part of a proactive approach to lagoon treatment that promotes healthy biological activity in both the indigenous and added bacteria. These gram-negative cultures set to work in every area of lagoon health to balance the biological BOD-degrading processes of your lagoon. This reduces compacted sludge, clarifies the water, and reduces odours.

BENEFITS

- Lowers ammonia
- Heavily degrades BOD and TSS
- Removes 30%-60% of sludge
- Degrades muck and dead organics

Dosage Rates

Scenario 1 - Accelerated Sludge Clean Up

YEAR-ROUND TREATMENT CYCLE (JANUARY - DECEMBER)

BUGJUICE - MAINTENANCE DOSAGE - 1 L/WEEK

- One (1) Litre once per week; applied Monday
- Use a clean container to measure out the dosage
- Pour application volume directly into the waste stream of the lift station
- Reference the supplied schedule for application dates and volumes

FALL/WINTER TREATMENT CYCLE (JANUARY - APRIL & OCTOBER - DECEMBER)

VITASTIM POLAR -MAINTENANCE DOSAGE - 1 LB/WEEK

- One (1) - 1.0 lb Bag; applied Monday
- Bags applied directly to the Lift Station
- Reference the supplied schedule for application dates and volumes

SUMMER TREATMENT CYCLE (MAY - SEPTEMBER)

VITASTIM SLUDGE REDUCER -MAINTENANCE DOSAGE - 1 LB/WEEK

- One (1) - 1.0 lb Bag; applied Monday
- Bags applied directly to the Lift Station
- Reference the supplied schedule for application dates and volumes

SUMMER TREATMENT CYCLE (JUNE - SEPTEMBER)

SLUDGE RX - 45 LBS/MONTH

- 45 lbs of Pellets; applied once per month
- 15 lbs to Anaerobic Cell 1
- 15 lbs to Anaerobic Cell 2
- 7.5 lbs to Anaerobic Cell 3
- 7.5 lbs to Anaerobic Cell 4
- Broadcast evenly over the cell surface and concentrate over known areas with higher sludge depth.
- Reference the supplied schedule for application dates and volumes

Scenario 2 - Standard Sludge Clean Up

YEAR-ROUND TREATMENT CYCLE (JANUARY - DECEMBER)

BUGJUICE - MAINTENANCE DOSAGE - 1 L/WEEK

- One (1) Litre once per week
- Applied Monday
- Use a clean container to measure out the dosage
- Pour application volume directly into the waste stream of the lift station
- Reference the supplied schedule for application dates and volumes

FALL/WINTER TREATMENT CYCLE (JANUARY - APRIL & OCTOBER - DECEMBER)

VITASTIM POLAR -MAINTENANCE DOSAGE - 1 LB/WEEK

- One (1) - 1.0 lb Bag; applied Monday
- Bags applied directly to the Lift Station
- Reference the supplied schedule for application dates and volumes

SUMMER TREATMENT CYCLE (JUNE - SEPTEMBER)

SLUDGE RX - 30 LBS/MONTH

- 30 lbs of Pellets
- Applied once per month
- 10 lbs to Anaerobic Cell 1
- 10 lbs to Anaerobic Cell 2
- 5 lbs to Anaerobic Cell 3
- 5 lbs to Anaerobic Cell 4
- Broadcast evenly over the cell surface and concentrate over known areas with higher sludge depth.
- Reference the supplied schedule for application dates and volumes

STORAGE OF PRODUCTS

The VitaStim Polar, BugJuice and Sludge Rx™, require a storage area that is dry and maintains a temperature range of between 10 °C - 25 °C. The product has a shelf life of greater than 730 days when stored under the proper conditions. After the 24-month time frame, the product is still functional but some of the enzymatic and bacterial activity may start to slow.

SAMPLING & TESTING

It is recommended that sludge depth measurements be taken to provide a baseline to measure the performance of the treatments. These should be repeated at least once per annum. Algae Control Canda can supply the equipment to complete the sludge survey for a nominal fee and can be discussed at a later date if the Village of Nampa would like to move forward with this service.

Water quality sampling is recommended no more than 6 months after the start of the treatment program to monitor BOD, TSS and ammonia levels and will inform the future dosing rates of the treatment products.

ACCOUNTABILITY

Algae Control Canda assumes the responsibility of providing an effective recommendation to meet Nampa's needs, provide an industry-leading product to be delivered on time and on the budget as well to provide ongoing customer support, available whenever required. No information shared with ACC will become public knowledge without the approval from the Village of Nampa.

The Village of Nampa must ensure product applications are added on the proper days, dosed to the recommended volumes and applied in the proper locations. A willingness to keep communication lines open and report to ACC any changes or concerns that they may experience. Any and all data from testing or surveys completed being shared with ACC as well.

PROJECT SCHEDULE

| DATE | TASK | Responsible Party |
|--------------|---|-------------------|
| January 2021 | Order Cold Weather Treatment; VitaStim Polar & BugJuice | VON & ACC |
| January 2021 | Begin Cold Weather Treatment (VitaStim Polar) & Year-round Treatment (BugJuice) | VON & ACC |
| March 2021 | Complete check-in w/ Operations - pictures, observations (visual, odour, etc) | ACC |
| April 2021 | Complete Water Quality Testing and Provide Results to ACC | VON |
| April 2021 | Order Warm Weather Treatment; Sludge Rx, VitaStim Sludge Reducer | VON & ACC |
| May 2021 | Complete Sludge Survey & Water Quality Testing | VON & ACC |
| May 2021 | Begin Warm Weather Treatment Cycle (VitaStim Sludge Reducer) | VON |
| June 2021 | Continue Warm Weather Treatment (Sludge Rx) | VON |

| DATE | TASK | Responsible Person |
|----------------|--|--------------------|
| July 2021 | Complete check-In w/ Operations for update | ACC |
| August 2021 | Complete check-in w/ Operations for update | ACC |
| September 2021 | Complete Final Applications of Warm Weather Treatment (Sludge Rx & Sludge Reducer) | VON |
| October 2021 | Begin Cold Weather Treatment Cycle (VitaStim Polar) | VON & ACC |
| November 2021 | Check-in w/ Operations for update | VON & ACC |
| December 2021 | Complete meeting with Operations to discuss the past year's treatment results, Build a plan for moving forward | VON & ACC |
| December 2021 | Order Treatment Products for the upcoming year | VON & ACC |

FEE SUMMARY

Accelerated Clean Up Dosage

| DESCRIPTION | | PRICE |
|---------------------------|--|---------|
| Sludge Rx - | 6 x 30lb Bag of pellets x \$675 | \$4,050 |
| VitaStim Polar - | 1 x 30lb Pail (1lb water-soluble bags) x \$738 | \$738 |
| BugJuice - | 3 x 18.92 L case x \$525 | \$1,575 |
| VitaStim Sludge Reducer - | 1 x 30lb Pail (1lb water-soluble bags) x \$686 | \$686 |
| Shipping | TBD | |
| TOTAL | | \$7,049 |

Standard Clean Up Dosage

| DESCRIPTION | | PRICE |
|------------------|--|---------|
| Sludge Rx - | 4 x 30lb Bag of pellets x \$675 | \$2,700 |
| VitaStim Polar - | 1 x 30lb Tub (1lb water-soluble packs) x \$738 | \$738 |
| BugJuice - | 3 x 18.92 L case x \$525 | \$1,575 |
| Shipping | TBD | |
| TOTAL | | \$5,013 |

PROPOSAL SIGN-OFF

Algae Control Canada looks to establish a collaborative and sustainable relationship with our customers that delivers timely, creative, effective and budget-conscious solutions. We look forward to building a relationship with the Village of Nampa.

Algae Control Canada proposes to provide all of the recommended products described above for a fee: Scenario 1= \$7,049 or Scenario 2= \$5,013 +shipping and taxes. This price includes all products and services presented above for the annual cycle of January 2021 - December 2021.

Payment options are available.

The budget is in Canadian Dollars and excludes sales tax and shipping. Upon your approval of the recommendations and pricing in this proposal, (inclusive of any negotiated amendments) a sales order will be forwarded to you for final approval.



SIGNATURE
Dennis Greenhow

Dennis Greenhow

Algae Control Canada



SIGNATURE
Jeremy McNeil

Jeremy McNeil

Village of Nampa



Peace River School Division

Board of Trustees

Chairman
Darren Kuester

Vice Chairman
Crystal Owens

Trustees
Marie Dyck
Richard Walisser
Lori Leitch
Robyn Robertson
Delainah Velichka

Superintendent of Schools
Paul Bennett

**Assistant Superintendent of
Human Resources**
Adam Murray

**Assistant Superintendent of
Learning Supports**
Aleeta Ploc

**Assistant Superintendent of
Teaching & Learning**
Jeff Thompson

Secretary-Treasurer
Rhonda Freeman

November 9, 2020

Clynton Butz
Mayor Perry Skrlik
Village of Nampa
Box 69
Nampa, AB
T0H 2R0

Butz
Dear Mayor Skrlik:

Re: Virtual Joint Meeting with the Peace River School Division Board of Trustees

The Peace River School Division (PRSD) Board of Trustees invites your council and CAO to a virtual joint meeting with other municipal and town councils within our division. The meeting will be held on February 3, 2021 at 7:00 p.m. A Zoom meeting link will be sent closer to the meeting date.

We encourage and welcome any agenda items brought forward by your council. Please forward confirmation of your council's attendance and any items you wish to have added to the agenda to Executive Assistant Chris Warne by email warnec@prsd.ab.ca or phone (780) 624-3650 x 10140 by January 15, 2021.

Our board looks forward to meeting with our municipal and town councils virtually to discuss how we can work together to create opportunities for youth in our communities.

Sincerely,

Darren Kuester
Board Chair

/cw

cc: CAO Dianne Roshuk

COPY



VILLAGE OF NAMPA

Page 1 of 2

Cheque Listing For Council

2020-Nov-12

6.1a

| Cheque # | Cheque Date | Vendor Name | Invoice # | Invoice Description | Invoice Amount | Cheque Amount |
|----------|-------------|--|--------------------------|--|-----------------|---------------|
| 20200509 | 2020-10-19 | TELUS MOBILITY INC. | 6183972 | PAYMENT CAO CELL PHONE | 105.47 | 105.47 |
| 20200510 | 2020-10-23 | NAMPA AUTO & FARM SUPPLY | 202657 203021 | PAYMENT FREIGHT/BRUSH/NUTS/BOLTS CLEANER/MOUSE TRAP/SEAL | 35.19 112.89 | 148.08 |
| 20200511 | 2020-10-23 | CANADIAN LINEN AND UNIFORM | 5003567206 | PAYMENT MTHLY MAT RENTAL | 298.51 | 298.51 |
| 20200512 | 2020-10-23 | HI TECH BUSINESS SYSTEMS | 1593458 | PAYMENT MTHLY FEE | 83.50 | 83.50 |
| 20200513 | 2020-10-23 | KIT BUSINESS EQUIPMENT | 016512-00 016512-01 | PAYMENT OFFICE SUPPLIES LABELS | 270.62 20.04 | 290.66 |
| 20200514 | 2020-10-23 | MATIASIEWICH, SHIRLEY | Oct 2020 October 2020 | PAYMENT 10 YR RECOGNITION GIFT CAO TRAVEL SDAB MEETING | 339.12 62.50 | 401.62 |
| 20200515 | 2020-10-23 | MUNICIPAL INFORMATION SYSTEMS | 20201471 | PAYMENT UTILITY PAPER | 136.70 | 136.70 |
| 20200516 | 2020-10-23 | MYRON | 210468765 | PAYMENT 2021 DAYTIMERS | 362.67 | 362.67 |
| 20200517 | 2020-10-23 | PEACE REGIONAL RCMP ADVISORY COMMITTEE | October 2020 | PAYMENT CPTED DONATION | 1,000.00 | 1,000.00 |
| 20200518 | 2020-10-26 | PETTY CASH | OCT 2020 | PAYMENT POSTAGE, WATER, DESSERT FC | 79.67 | 79.67 |
| 20200519 | 2020-10-26 | TOKER, TEENA | OCTOBER 2020 | PAYMENT OCTOBER 2020 CUSTODIAL SER | 300.00 | 300.00 |
| 20200520 | 2020-10-27 | MATIASIEWICH, EVAN | OCTOBER 2020 | PAYMENT MILEAGE OCTOBER 2020 | 56.00 | 56.00 |
| 20200521 | 2020-10-28 | ATB FINANCIAL MASTERCARD | October 2020 | PAYMENT MGA BOOKS | 110.25 | 110.25 |
| 20200522 | 2020-10-29 | ROSHUK, DIANNE G | | | | |
| 20200523 | 2020-10-29 | MATIASIEWICH, SHIRLEY A | | | | |
| 20200524 | 2020-10-29 | SURMAN, STEVE C | | | | |
| 20200525 | 2020-10-29 | MATIASIEWICH, EVAN M | | | | |
| 20200526 | 2020-10-29 | BULFORD, QUINTON | | | | |
| 20200527 | 2020-10-29 | NOVAK, CHERYL | | | | |
| 20200528 | 2020-10-29 | BUTZ, CLYNTON | | | | |
| 20200529 | 2020-10-29 | SKRLIK, PERRY | | | | |
| 20200530 | 2020-10-29 | MURPHY, CARSON | | | | |
| 20200531 | 2020-10-29 | LOCAL AUTHORITIES PENSION PLAN | OCTOBER 2020 | PAYMENT OCTOBER 2020 LAPP DEDUCTIC | 4,672.74 | 4,672.74 |
| 20200532 | 2020-10-29 | RECEIVER GENERAL - PAYROLL | 202010 | PAYMENT DEDUCTIONS FOR OCTOBER 20 | 4,814.79 | 4,814.79 |
| 20200533 | 2020-10-29 | CANADIAN LINEN AND UNIFORM | 5003586610 | PAYMENT MTHLY MAT RENTAL | 324.04 | 324.04 |
| 20200534 | 2020-10-29 | PHONECO INC | PR12773 | PAYMENT TROUBLE SHOOT ALARM SYSTE | 65.63 | 65.63 |
| 20200535 | 2020-10-29 | SHELLEY'S STATIONERY | 10 | PAYMENT STAMPS | 289.80 | 289.80 |



VILLAGE OF NAMPA

Page 2 of 2

Cheque Listing For Council

2020-Nov-12

6.1a

| Cheque | | Vendor Name | Invoice # | Invoice Description | Invoice Amount | Cheque Amount |
|----------|------------|--------------------------------|------------------------------------|---|--------------------------------------|---------------|
| Cheque # | Date | | | | | |
| 20200536 | 2020-10-29 | VELOCITY ENGINEERING INC. | 2620 | PAYMENT 2020 INFRASTRUCTURE REVIEW | 2,496.38 | 2,496.38 |
| 20200537 | 2020-11-09 | BELL MOBILITY | 8616 Nov 20 | PAYMENT PUBLIC WORKS CELL | 121.21 | 121.21 |
| 20200538 | 2020-11-09 | CAMPUS ENERGY PARTNERS LP | 1001419 1001420-202010 20101 | PAYMENT ELECTRICITY STREET LIGHTS GAS | 2,160.75 2,337.79 784.11 | 5,282.65 |
| 20200539 | 2020-11-09 | IWANTWIRELESS CA LTD | 103595 | PAYMENT MUSEUM INTERNET | 52.45 | 52.45 |
| 20200540 | 2020-11-10 | TELUS COMMUNICATIONS INC. | 4685 6426 8852 nov | PAYMENT TELEPHONE PW SHOP TELEPHONE VILLAGE OFFICE TELEPHONE - FAX LINE TELEPHONE FIRE DEPT | 283.96 549.62 215.18 213.77 | 1,262.53 |
| 20200541 | 2020-11-10 | TELUS COMMUNICATIONS INC. | 1918 | PAYMENT MUSEUM TELEPHONE | 110.80 | 110.80 |
| 20200542 | 2020-11-10 | ACCU-FLO METER SERVICE LIMITED | 124774 | PAYMENT MAINTENNACE 7 SOFTWARE SU | 5,105.10 | 5,105.10 |
| 20200543 | 2020-11-10 | ALBERTA ONE CALL CORP. | 162925 | PAYMENT AB ONE CALL NOTIFICATIONS | 63.00 | 63.00 |
| 20200544 | 2020-11-10 | KIT BUSINESS EQUIPMENT | 017588-00 | PAYMENT TONER - PURCHASE FOR OFFIC | 94.45 | 94.45 |
| 20200545 | 2020-11-10 | MUNICIPAL INFORMATION SYSTEMS | Oct 2020 | PAYMENT PAPPER PRODUCTS - UTILITY BI | 136.70 | 136.70 |
| 20200546 | 2020-11-10 | NEW WATER LTD. | 214 | PAYMENT PARTNER BILLING SEP & OCT 2 | 20,303.27 | 20,303.27 |
| 20200547 | 2020-11-10 | VITAL EFFECT INC | 7524 | PAYMENT MONTHLY WEB SUPPORT | 52.38 | 52.38 |
| 20200548 | 2020-11-12 | ROSHUK, DIANNE G | | | | |
| 20200549 | 2020-11-12 | SURMAN, STEVE C | | | | |
| 20200550 | 2020-11-12 | MCNEIL, JEREMY D | | | | |

Total 68,639.03

*** End of Report ***



Chief Administrative Officer Report

6.2

November 17, 2020

November 11 - Attended Remembrance Day Ceremonies/Office Closed

November 17 - Regular Council Meeting

The demolition of the Nutrien Ag Services buildings has begun this week

Culvert Repair on Railway Avenue Road

On October 14, 2020 an employee with Remcan Projects got stuck in the ditch area on Railway Avenue road and got hooked up one of the culverts. The culvert sustained a dent in it and the outside edge of culvert was bent. His supervisor, Wayne Gibson and their culvert expert have been out to the area and looked into it. They are sure that the dent in the culvert will not impede water flow. They are not denying what they did and they are more than willing to work with the Village. They do have their own employee(s) that could fix the culvert if we wanted. Administration is asking for direction from council.

Christmas Supper for Staff & Council

Spoke to manager at Mr Mikes. They do have some restrictions for dining, one being that they can't allow a lot of people at one table. December 11th is not available, available dates are Dec 4th - group of 15 upstairs already. Dec 5th, 18th & 19th - wide open. If these dates are not an option, perhaps we can look at having the supper in January instead?

The culvert work has finally started on east Ridge Road

Upcoming Meetings/Events

November 18 - Meeting with Museum Director - Museum Budget

November 18 - Town Hall Meeting - COVID Update

November 18 - 2021 Interim Budget Meeting

November 24 - CPTED Walk Tour

November 25 - Zoom Meeting - RMA - Benefits

December 15 - Regular council meeting

September-Nov 2020 month end

- Took water meter readings
- Took sewer lift station readings every day
- Garbage's every Monday
- Alberta one calls as required
- Dump runs as needed
- CC shut off/on as needed
- Maintenance and repairs on equipment as needed
- Water meter repair/replacement as needed
- RF water meter readings as needed
- Maintain sewer break graveled areas
- Street sweeping as needed.
- Grass cutting and weed eating as needed.
- Maintain grass and brush pile.
- Water flowers as needed
- Repair potholes
- Install playground signs on main street
- Winterized fire hydrants.
- Shut off CC at Milbrow playground and the RV dump
- Took down flowers
- Installed CC stakes
- Removed bulletin board off main street

- Got a sample of the Influent and Effluent from our wastewater lagoons
- Surveyed the lagoons
- Talked with Algae control Canada to come up with a solution to reclaim the lagoons volume
- Barricaded and locked gate to campground (firewood going missing)
- Installed pipe to brace power outlet in stall one at the campground
- Run lift station back up generator and put it under load once per month
- Vehicle and equipment winterization



Councillor Committee Report

Name: Evan Matiasiewicz

Date: November 9, 2020

Meetings/Events Attended:
(With comments)

October 29, 2020 – Golden Pioneers Seniors

- Discussion on Financials
- Work bee scheduled to remove pool tables on Saturday Oct 31/20
-

November 4, 2020 – RCMP Meeting (Zoom)

- DARE Program is no longer, there is another Program & Peace River RCMP have put their names in as a pilot project
- RCMP still doing after hours business checks, 317 business were checked in October
- VON's \$1000 donation was greatly appreciated!

Upcoming Meetings

Heart River Watershed

Golden Pioneers

From: [Crystal Zevola](#) on behalf of [Dan Rude](#)
To: [Undisclosed recipients:](#)
Subject: Fall 2020 Quarterly Update from Alberta Police Interim Advisory Board
Date: October 22, 2020 9:49:16 AM
Attachments: [image001.png](#)
[image002.png](#)
[image003.png](#)
[image004.png](#)
[Fall 2020 APIAB Quarterly Report.pdf](#)

Good morning,

Please find attached the Alberta Police Interim Advisory Board's (APIAB) first quarterly report, sent on behalf of APIAB Chair Tanya Thorn. If you have any questions, feel free to reach out to one of the APIAB members below:

Councillor Tanya Thorn, Town of Okotoks – tthorn@okotoks.ca

Councillor Trina Jones, Town of Legal – tjones@legal.ca

Mayor Bill Givens, City of Grande Prairie – bgiven@cityofgp.com

Deputy Mayor Angela Duncan, Village of Alberta Beach – duncan.angela.ad@gmail.com

Best regards,

Dan Rude | Chief Executive Officer
ALBERTA URBAN MUNICIPALITIES ASSOCIATION

D: 780.431.4535 | C: 780.951.3344 | E: drude@auma.ca

Alberta Municipal Place | 300-8616 51 Ave Edmonton, AB T6E 6E6

Toll Free: 310-AUMA | 877-421-6644 | www.auma.ca



This email and any files transmitted with it are confidential and intended solely for the use of the individual or entity to whom they are addressed. If you have received this email in error please notify the sender. This message contains confidential information and is intended only for the individual named. If you are not the named addressee, you should not disseminate, distribute or copy this email.

From: [Reaghan Gamble](#) on behalf of [Community Engagement](#)
To: [Community Engagement](#)
Subject: Influenza Immunization in your Community
Date: October 21, 2020 4:00:28 PM
Attachments: [10 21 20 Letter to Mayors Reeves Influenza North Zone.pdf](#)
[AHS-Influenza-Poster.pdf](#)

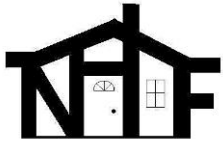
Good afternoon,

Please see the attached letter from Dr. Kathryn Koliaska, North Zone Lead Medical Officer of Health, North Zone-Central (Areas 4,5,6) and Acting MOH, North Zone-West (Areas 1,2,3,9), and Dr. Kristin Klein, Medical Officer of Health, North Zone-East (Areas 7, 8, 10) on Influenza Immunization in your community.

Kind regards,

AHS Community Engagement & External Relations

This message and any attached documents are only for the use of the intended recipient(s), are confidential and may contain privileged information. Any unauthorized review, use, retransmission, or other disclosure is strictly prohibited. If you have received this message in error, please notify the sender immediately, and then delete the original message. Thank you.



North Peace Housing Foundation

6780 – 103 Ave., Peace River, AB, T8S 0B6

Tel: (780) 624-2055 Fax: (780) 624-2065

Email: tammy.menssa@nphf.ca

North Peace Housing Foundation Board Meeting Synopsis – October 7, 2020

Resident and Tenant Levels:

As of August 2020, we had a total of 183 lodge residents, down 3 from the month of July. Our lodge unit occupancy at the end of August was 79% of the 224 lodge units occupied.

We had 117 occupied Senior Self-Contained units at the end of August, up 3 from the month of July. Our occupancy rate at the end of July was 90%.

Garden Court Seniors Apartments had 57 out of 63 units occupied at the end of August, consistent with the month of July; our occupancy rate was 90%. We had 5 out of the 8 trailers in Cadotte occupied at the end of August.

The Family Housing program had 77 of the 123 units occupied, down 4 from the month of July, and 20 of the 40 R&N units occupied, consistent with the month of July, with an overall occupancy of 60%.

We had 38 Rent Supplement recipients in the month of August, consistent with the month of July. No new applications for rent supplements are being accepted at this time while the existing programs are being reviewed for consistency of benefits and to ensure households that need assistance most are prioritized.

1. Administration

COVID-19 Update

Homesteader Lodge

At the time of the last Board meeting, we were in the middle of an Outbreak at the Homesteader Lodge and were concerned with, what seemed at the time, to be symptomatic residents at the Harvest Lodge who were being isolated and tested for COVID. Thankfully, none of the tests came back positive at the Harvest Lodge and all symptoms resolved without incident.

As of September 12, we had 7 residents at the Homesteader Lodge who were out of isolation and only 3 residents continued to show COVID-19 symptoms. The residents who were symptomatic were experiencing mild symptoms and were on the road to recovery. By September 18, all residents were recovered and out of isolation, but the Lodge was still being classified in Outbreak status. Generally, a COVID-19 outbreak can be declared over, two incubation periods after the last reported case in a resident (i.e. 28 days).

On September 28, the Outbreak at the Homesteader Lodge was officially declared over, by Communicable Disease Control, Alberta Health Services. Residents continue to improve daily, as many experienced mobility issues after being isolated in their rooms for 14 days or more, where necessary.

The Lodge will continue with enhanced monitoring for all residents and staff and will maintain ongoing Infection Prevention and Control measures as required, including proper hand hygiene, increased sanitizing, continuous masking, and physical distancing.

Del Air Lodge

On September 11, we were notified by the Del Air Lodge Manager in Manning that 1 of her staff members had tested positive for COVID. We immediately informed residents, family, and staff and arranged to have all residents and staff tested. On September 14, we were notified that a second staff member had tested positive. All remaining staff and residents tested negative for COVID; therefore, we were not required to isolate any residents, while staff members who had tested positive, isolated at home.

Residents and staff were closely screened and monitored and luckily no one became symptomatic. By September 25, the CDC officially declared the Outbreak over, as there were only 2 staff members who ever tested positive.

Like Homesteader Lodge, Del Air Lodge will continue with enhanced monitoring for all residents and staff and will maintain ongoing Infection Prevention and Control measures as required, including proper hand hygiene, increased sanitizing, continuous masking, and physical distancing.

General

On September 3, the CMOH released Order 32-2020, rescinding Order 23-2020, to be effective on September 17, giving operators the opportunity to prepare accordingly.

The new order made changes or presented new guidelines for Isolation/quarantine requirements, volunteers, site tours, personal choice services and amenities, and clarified enhanced cleaning and health screening requirements, as well as changes to group recreation and dining expectations. The Order speaks to a site-based approach when making decisions based on resident and staff risk tolerance and the risk of unknown exposure, in the case of residents returning from outings, bringing volunteers on site, visitors, etc.

The expectations of the Order are intended to safeguard people during the pandemic. However, there is also the recognition that socialization and activity are an important part of quality of life in these congregate settings. The order includes guidance considered to support broader quality of life for residents, as well as to support staff quality of work life and wellbeing.

Nominal Sum Properties

Nine of the properties that Alberta Social Housing Corporation transferred title to North Peace Housing Foundation have been listed on our website, along with information sheets and 360 tours, and have “For Sale” signs posted on the front lawn. We have been receiving calls from interested parties and our Director of Housing Operations and Special Projects, Ashli Champeau, gave a tour of 3 of the Grimshaw units on October 1.

We have sent out an RFP for legal services in relation to the sale of the properties to 4 interested firms. We will be reviewing the proposals on Wednesday, October 7 and deciding on the successful candidate at that time.

The tenants of the occupied units are being contacted to determine if they are interested in purchasing their unit. They will be offered the unit at 10% below the appraised value, as per the AGREEMENT FOR PURCHASE AND SALE OF LAND entered with Alberta Social Housing Corporation.

Del Air Redevelopment

On August 21, Alberta Seniors and Housing posted the Del Air Lodge Redevelopment Project on Alberta Purchasing Connection. On September 22, the Steering Committee members received 6 proposals to review, score, and return to the Province. There is a call scheduled for the morning of October 7 to discuss the proposal scoring and develop a shortlist. Interviews with the shortlisted proponents will be conducted in-person in Edmonton in approximately 3 weeks. We do not have a confirmed date currently.

West View Condominium Project

We are in the initial stages of contacting existing condo owners to gain a better understanding of what features they value most in their home, what they could do without, and what they feel could be done better. We are hopeful that the information we collect in these initial interviews will allow us to develop a robust survey that will give us a clear sense of what today's seniors value in a home. We feel that this is the safest way to conduct an initial community consultation in a COVID climate.

2. Regular Agenda Items

Lodge Rate Schedule

The Lodge Rate Schedule including the addition of Security Deposits was reviewed and approved as presented.

Wage and Salary Negotiation

The Board of Directors of the North Peace Housing Foundation gave thoughtful consideration to the items brought forward in the Wage and Salary Negotiations.

Governance

The process of our ongoing policy review is proceeding with policies regarding Board remuneration and Regular Meetings of the Board being approved.



ALBERTA
MUNICIPAL AFFAIRS

*Office of the Minister
MLA, Grande Prairie*

AR103014

Dear Chief Elected Official,

As you are aware, our province is facing some very challenging economic circumstances. Resource revenues are lower than they were in the early 1970s, while expenses are higher than anticipated due to the need to respond to the COVID-19 pandemic. This will cause financial challenges that will be felt for many years.

In light of these economic circumstances, Alberta may not be able to sustain our current levels of infrastructure and operating spending. We are already planning for Budget 2021; there will be some difficult choices the province must make to ensure Alberta's finances are sustainable over the long-term.

Having met with many municipalities recently, I understand your communities are also facing significant challenges. I will ensure your views are represented as we plan the provincial budget. In the meantime, I strongly encourage you to make certain all of your capital spending is used to support critical infrastructure that will benefit future generations of Albertans and position your community to participate in our economic recovery.

I look forward to working with you to create a sustainable and prosperous future for our province and our communities.

Sincerely,

Tracy L. Allard
Minister

October 28, 2020

To: Ms. Dianne Roshuk
Chief Administrative Officer
Phone: (780) 322-3852
Fax : (780) 322-2100

DELIVERED BY EMAIL: cao@nampa.ca

Dear Ms. Roshuk:

Re: 10302 Railway Avenue Building Removal

Nutrien Ag Solutions (Canada) Inc. ("NASC"), will be working with a local company REK Contracting to return the old retail site located at 10302 Railway Avenue to ground level.



10302 Railway Avenue,
Nampa, AB

The old retail site buildings will be removed or demolished, and all contents removed from the property. The Village of Nampa, Alberta, has requested that NASC confirm that it will continue to maintain the site by performing grass and weed control in accordance with community bylaws. At this time, NASC remains the lessee of the lands and while it is lessee will continue to maintain the sites grass and weed control in accordance with community bylaws.

Sincerely,



Chris Husch
General Manager
Northern Alberta Division

Suite 204, 11870 88 Avenue, Fort Saskatchewan, AB
Canada T8L 0K1

d 780.992.6961 c 780.915.1698

christopher.husch@nutrien.com

nutrienagsolutions.ca



Premier of Alberta

Office of the Premier, 307 Legislature Building, Edmonton, Alberta T5K 2B6 Canada

November 2, 2020

His Worship Clynton Butz
Mayor
Village of Nampa
Box 69, 9902 – 102 Avenue
Nampa AB T0H 2R0



Dear Mayor Butz:

Thank you for your October 21, 2020, letter on behalf of the The Village of Nampa. I appreciate you writing to express your support for policies that focus on children's health.

The Government of Alberta is committed to building a health-care system that delivers outstanding results for people of all ages and at all stages of life. Ensuring children and youth have access to the care they need and deserve is an important part of our overall plan. I have taken the liberty of sharing your letter with the Honourable Tyler Shandro, Minister of Health, who is in the best position to address your comments.

Thank you again for writing, and for your advocacy. My best wishes to you for good health.

Yours sincerely,

A handwritten signature in blue ink, appearing to read "Jason Kenney".

Hon Jason Kenney PC
Premier of Alberta

cc: Honourable Tyler Shandro, Minister of Health

Subject: 2019 Municipal Indicators Results

Dear Chief Administrative Officer

Beginning in 2017, the ministry started reporting on a new performance measure, which identified the percentage of municipalities that were deemed to be “not at risk” based on financial and governance risk indicators. This performance measure was developed in consultation with stakeholders, and will be used as a benchmark for measuring the ministry’s efforts to ensure Albertans live in viable municipalities and communities with responsible, collaborative and accountable local governments.

Each of the thirteen indicators has a defined benchmark, and a municipality will be deemed “not at risk” as long as it does not trigger a critical indicator (Indicators 1 and 2) or three or more non-critical indicators (Indicators 3 to 13). Municipal Affairs will publish the 2019 Municipal Indicator Results report for municipalities that are deemed “at risk” on the open government portal in early 2021.

The ministry has compiled and verified the data collected from Alberta’s municipalities for the 2019 financial year and is pleased to inform you that your municipality did not trigger the required number of indicators to appear in this year’s Municipal Indicator Results report.

The municipal indicator results from 2016 to 2019 for all municipalities are now available on the online Municipal Indicator Dashboard on the Municipal Indicators webpage (www.alberta.ca/municipal-indicators.aspx).

If you would like to discuss your results or the potential future release of these results on the Municipal Affairs website, please contact the Municipal Services Division at toll-free 310-0000, then 780-427-2225, or via email at lgsmail@gov.ab.ca.

Yours truly,

Gary Sandberg
Assistant Deputy Minister