

Working Together  
Developing Potential  
*Welcome to Carcross – Gunalchèesh haat yee.aadi*




**CARCROSS TAGISH  
MANAGEMENT CORPORATION**

KEYNOTE ADDRESS \_ Canadian Brownfields Network

*"Doing Business Differently"*

**Nelson Lepine, President & CEO**

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## CARCROSS / TAGISH FIRST NATION



**CARCROSS TAGISH  
MANAGEMENT CORPORATION**

**A VISION FOR OUR YOUTH & COMMUNITY**

As a self-governing first nation with complete control over its own lands and destiny, Carcross / Tagish First Nation (C/TFN) is looking to advance the business potential, that exists in the Carcross and Tagish Traditional Territory and the region.

The Carcross / Tagish Management Corporation (C/TMC) is the economic development branch of C/TFN and therefore, acts on behalf of the C/TFN citizens (the Shareholders) in the areas of business development and economic sustainability

**YUKON FIRST NATION TRADITIONAL TERRITORY MAP**

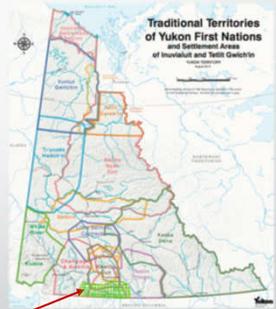


Photo Source: [www.gov.yk.ca](http://www.gov.yk.ca)

**CARCROSS / TAGISH FIRST NATION TRADITIONAL TERRITORY**

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*"Nothing done today shall diminish the wealth of future generations."*

### VISION:

*To build a private sector economy in the Carcross and Tagish regions, that will create a sustainable flow of jobs and business opportunities for the community, our citizens and the region.*

### GOAL:

*To ensure that our citizens can become increasingly self-sufficient and be able to reinvest, its earnings in social, health, recreational and educational services in our community.*

### FOCUS:

*Create eco-business activities that are:*

- 1. respectful to our people, their traditions and culture;*
- 2. respectful of the environment; and*
- 3. suited to the strength of the people and the region.*



Photo Credit: With permission of the Government of Yukon

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### COMMITMENT TO OUR COMMUNITIES HEALTH & WELLNESS THROUGH ECONOMIC PROSPERITY:

#### OUR APPROACH:

- ✓ Respect market realities: making informed decisions about what will work and what will not.
- ✓ Strive to achieve principles of good governance, following through on our commitments to our citizens and our partners; and building trust with open communication and good faith.
- ✓ Foster our citizens' business expertise through sponsorships and mentorship programs in eco-businesses e.g. eco-tourism, renewable energy, contaminated sites reclamation.
- ✓ Develop strong partnerships with knowledgeable and responsible business partners.



Photo Source: [www.destinationcarcross.ca](http://www.destinationcarcross.ca)

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There is no shortage of potential in the Carcross and Tagish regions.

Opportunity is creating the circumstances for making the potential happen and the Carcross / Tagish Management Corp (C/TMC) is doing just that, investing in core resources and infrastructure to make it's vision a reality.

**COMMUNITY PROJECTS – PAST & PRESENT:**

- Tiny Homes – BIG Dreams
- C/TFN Learning Centre
- Single Track to Success: Montana Mountain
- Choooutla Residential School Reconciliation & Reclamation
- Venus Mine and Arctic Gold and Silver Mine Closures



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Photo Credit: With permission of the Government of Yukon

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### Tiny Homes ~ BIG Dreams



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**Vision:**  
To help C/TFN members to stay, work and play in their community by providing life skills, training, and employment through offering skilled trade development – while addressing critical housing challenges in the community.

**Goal:**  
To empower youth and all C/TFN citizens - through a training program that provides the unique opportunity to build a home from START to FINISH.



**Tiny Houses Carpentry Program**  
Carcross-Tagish First Nation



Architect: Kobayashi + Zedda Architects Ltd.  
Structural Engineer: Emosa Structural Engineers Inc.  
Mechanical Engineer: r/a – not included  
Electrical Engineer: r/a – not included

**-Tiny Houses Project - Small Homes...Big Dreams**  
kobayashi + zedda

NO.	DESCRIPTION	DATE
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Carcross Tagish First Nation

Issued For: **CONSTRUCTION**  
Date: 12/4/2014

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**Tiny Homes ~ BIG Dreams**

**Tiny Houses Carpentry Apprenticeship Pilot Project**

**Our Success Happened Together:**

While improving housing availability in the community, we addressed high rates of unemployment, created employment and training opportunities in the skilled trades.

A key foundation to the success of this program included providing social supports to encourage life skills and team-building.

**The homes are now occupied by C/TFN citizens.**




**YouTube**

Watch the Video Here:  
<https://www.youtube.com/watch?v=PJFknzFZQ>

*Video of the Tiny Houses Carpentry Training Project. It took place in 2014 in the town of Carcross, Yukon. It was done in partnership with many government and non-government organizations.*

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**The C/TFN Learning Centre**

**Vision:**

To create modern public infrastructure that will help create jobs while building a strong foundation for a sustainable economic future.

**Goals:**

To be a central gathering place for the community and provide a number of community services to C/TFN citizens.

To benefit the local community by creating jobs, promoting skill development and supporting economic growth.

To continue the training and employment of the apprentices from the "Tiny Homes – Big Dreams" project to ensure continued personal and professional development.




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## The C/TFN Learning Centre – Ongoing Opportunities

### Community Landscaping Program

In addition to local employment and career advancement for the Tiny Home – Big Dream apprentices, and 6 month landscaping design, installation and maintenance training program took place in summer 2017. Landscaping Team: 15+ Community Members!



Photo Credit: R.L. Resource Management

Photo Credit: C/TFN Facebook @CarcrossTagishFirstNation

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## Single Track to Success

**Vision:** Promote community wellness & get youth back on the land.

**Goal:** Create a world-class mountain trail system to develop a sustainable eco-tourism initiative.



Single Track to Success Training Camp Teamwork & Motivation Key to Success

*“When Carcross youth go to Whitehorse for high school, and are asked if they have ever ridden the trails, they can say – ride them? I helped build them!”*

- <http://www.yukonwellness.ca/pdf/singletrack.pdf>



Celebrating on the Trails Together

Photo Credit: Jane Keopke Source: <http://www.yukonwellness.ca/singletracktosuccess.php>



Hon. Ranj Pillai, Deputy Premier Visits Single Track to Success Training Camp



LIKE US @SingleTrackToSuccess

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**Chooutla Residential School  
Reconciliation and Reclamation**





Historical Chooutla Residential School:  
1950-1969

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**Chooutla Residential School  
Reconciliation & Reclamation**

**VISION:** *To support community wellness, healing and reconciliation by completing the reclamation of the Chooutla Residential School site and area.*





**"HEALING THE LAND – HEALING THE PEOPLE"**

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**Chooutla Residential School Reconciliation & Reclamation**

**GOALS:**  
 To use traditional knowledge and innovative modern technology - with residential school survivors and their families, youth and all Carcross / Tagish community members - to reclaim the Chooutla Residential School grounds.  
 To support local workforce development with short and long-term skilled local employment and training opportunities in land-use planning and contaminated sites management.

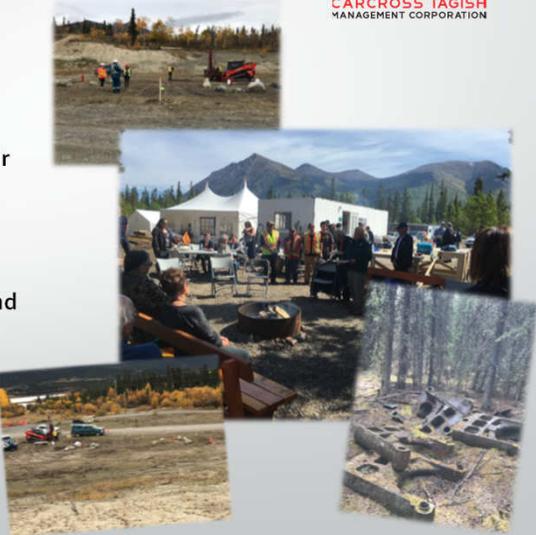



Photo Credits: R.L. Resource Management

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**Chooutla Residential School Reconciliation & Reclamation**




Photo Credits: R.L. Resource Management

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**Federal "Legacy" Type II Mines  
Site Reclamation**

**Venus Abandoned Mine  
and  
Arctic Gold & Silver Abandoned Mine**

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**History of the Venus Site**

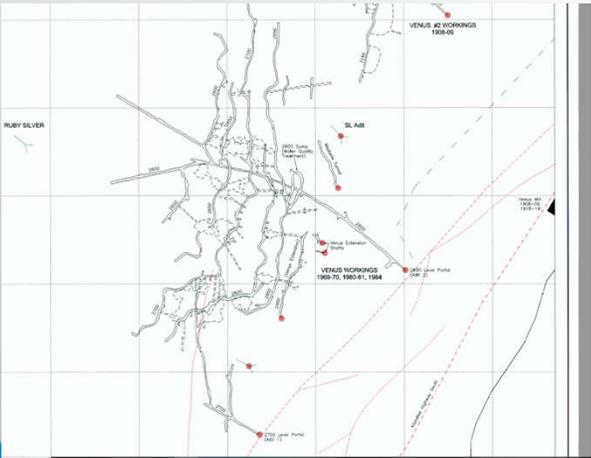




Photo Credits: R.L. Resource Management

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## Venus Closure – Wet Tailings Design



Photo 1: Waterloo Barrier Installation  
5 September 1995

THEN

NOW



Photo Credits: R.L. Resource Management

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## Venus Monitoring Results August 27, 2015

Total Metals	CCME Aquatic Life Guideline in µ/L	Location	Result	Times over Guideline
Aluminum	100	VL overflow @ lake	210	2.1
Arsenic	5	VL overflow @ lake	300	60
		WS lake south of site	6.48	1.3
		WN lake north of site	73.2	15
		VS seep zone over flow	292	58
		VS-2 seep zone over flow	428	86
		VS overflow @ waterloo barrier	15.6	3.1
		VS-2 original seep, now under water (July 23 sample)	12,700	2540
Cadmium	.017	VL overflow @ lake	1.15	68
		VB overflow @ waterloo barrier	15.6	918
		VS-2 original seep, now under water (July 23 sample)	.583	34
Iron	300	VL overflow @	1160	3.9





### Venus Site

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**Pre-History of the AGS Site**

Photo credit: ExploreNorth 2013

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**History of the AGS Site**



Photo# 1: Aerial View of the Tailings Impoundment and Drainage to Lake



Photo# 11: Mill Site Foundation and Ore Piles

Image credits: PWGSC 1998

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### AGS Closure – Dry Tailings Design



Photo 1 – Existing tailings impoundment being regraded by a D8 and D4 dozer, July 1999.  
Image credits: EBA 2001

**THEN**

**NOW**



Photo Credits: R.L. Resource Management

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### Current AGS Site Conditions



Arctic Gold & Silver Monitoring Results August 20, 2015

Total Metals	CCME Aquatic Life Guideline in µ/L	Location	Result	Times over Guideline
Aluminium	100	AGS-0 unnamed lake @ decant	127	1.27
		AGS-3 seep into unnamed lake	122,000	1,220
Cadmium	.017	AGS-0 unnamed lake @ decant	1.85	62
		AGS-3 seep into unnamed lake	960	56,470
		AGS-2 beaver dam	153	9
		T/B tank creek @ Bennet lake	.0645	3.8
Copper	4	AGS-0 unnamed lake @ decant	5.6	1.4
		AGS-3 seep into unnamed lake	8,090	2022
Iron	300	AGS-0 unnamed lake @ decant	599	2
		AGS-3 seep into unnamed lake	290,000	967
		AGS-2 beaver dam	513	1.7
		T/B tank creek @ Bennet lake	330	1.1
Nickel	150	AGS-3 seep into unnamed lake	433	2.9

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### Reconciliation & Relationships:

The Montana Mountain Mines Roadmap to Remediation and Reconciliation Project, is a joint initiative between C/TFN and CIRNAC, delivered by C/TMC.

CTMC manages all mining related initiatives, including abandoned mines, specifically within the Traditional and Self-Governing Territory of the Government of the C/TFN.

C/TFN is guiding CIRNAC on the project on a Government-to-Government level.

CIRNAC is liable and responsible for the site, but not in charge of the site.

CTMC implements and manages the projects' delivery through the CTMC Stewardship Program. The program is a diverse and inclusive capacity development program, aimed at connecting citizens with traditional knowledge for their day to day use in employment and career development to the benefit of the entire community and their economy.

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### Objectives for AGS and Venus :

Strengthen the relationship with the land and the community, to reclaim the sites to the standards set out by C/TFN

Complete site investigations and analysis to determine the existing site characterization and the human health and ecological risk currently present at the sites.



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**NEXT STEPS**

Closure Planning, coordination and execution of site repairs and waste cleanup. Ongoing reclamation closure planning, community engagement and site monitoring

Community Engagement to Choose the Closure Option

Site Reclamation Closure

Site Safe for Community to use for Traditional and Cultural Practices.






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**OUR THANKS TO:**

**Carcross / Tagish First Nation - Elders,  
Leadership and Citizens of the C/TFN for  
their support and participation.**

**&**

Delegates and Guests of the  
CANADIAN BROWNFIELDS NETWORK  
2019 CONFERENCE

***Gunalchèsh***



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