

**THE MUNICIPAL DISTRICT OF WILLOW CREEK NO. 26**

#26-Hwy 520, Claresholm Industrial Area, Box 550, Claresholm, Alberta T0L 0T0

Phone: (403) 625-3351 Fax: (403) 625-3886

Email: [development@mdwillowcreek.com](mailto:development@mdwillowcreek.com)

**NOTICE OF MUNICIPAL PLANNING COMMISSION MEETING**

**Form B**

**Application No. 056-19**

**TO: 1-mile radius**

**AMENDED**

**Notice is hereby given that an application is being made for a development permit with regard to the following:**

**NAME OF APPLICANT:** Candeo Materials Processing Inc.

**TYPE OF DEVELOPMENT:**

Industrial manufacturing – Manufacturing of soil enhancement and rejuvenation products by mixing crushed rock with bio-mass. Operations to include bagging, warehousing and sales of finished product, all for use in agriculture, horticulture and cannabis industries for soil remediation and amendment.

Days/Hours of operation: 7 days a week, 7:00 a.m. – 6:00 p.m., then expect to run two shifts of 10 hour days. (Hangar #6)

**LEGAL DESCRIPTION OF SITE:** Lot 3; Block 1; Plan 2840JK (Hangar 6 – CIA)

**PLACE OF MEETING:** Municipal Administration Building, Claresholm

**TYPE OF MEETING:** Regular Municipal Planning Commission

**DATE OF MEETING:** 9:00 a.m. on Wednesday, July 17, 2019

This development application and all associated information are available for viewing at the Municipal Office at the address shown above during normal hours of operation, or website at [www.mdwillowcreek.com](http://www.mdwillowcreek.com).

Any person affected by the said proposal has the right to present a written brief prior to the hearing and/or to be present and be heard at the meeting. Any information submitted will become available to the public and may also be shared with the applicant and appropriate government/other agencies and is subject to the provisions of the *Freedom of Information and Protection of Privacy Act* (FOIP). If you have any questions, please contact The Municipal District of Willow Creek No. 26.

Persons requesting to be heard at the meeting shall submit a written request to be heard to the development officer not later than:

July 12, 2019 (10 consecutive days from the date of this notice)

**DATE:** June 28, 2019

**SIGNED:**

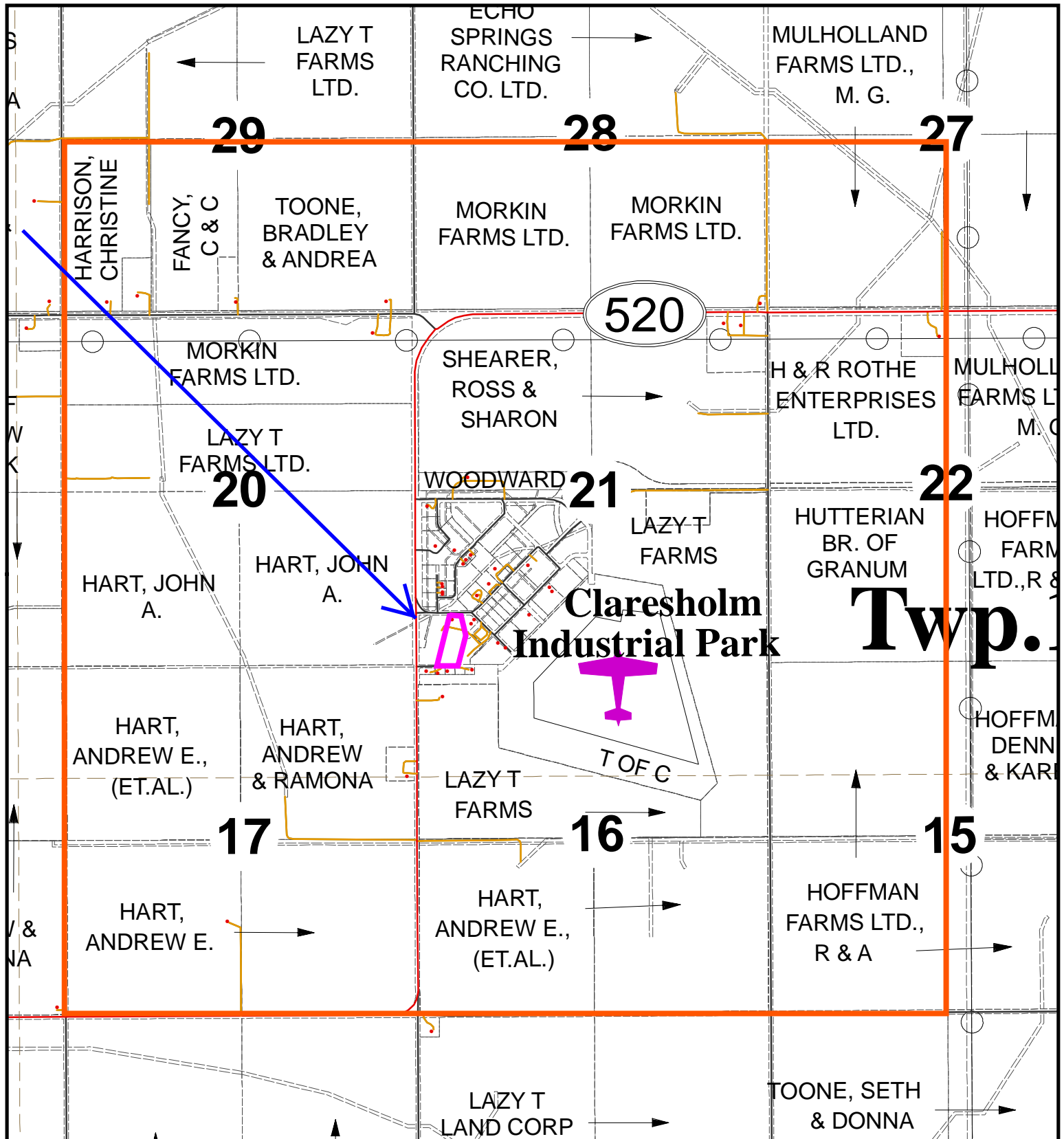


Cindy Chisholm  
Development Officer  
MD of Willow Creek No. 26



**Development Permit No. 056-19**

**Location: Lot 3; Block 1, Plan 2840JK  
Claresholm Industrial Area (CIA)**



**Applicant: Candeco Materials Processing Inc.**

**Applicants: Candeco Materials Processing Inc.**



## Cindy Chisholm

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**From:** Leah Olsen <leah.olsen@gov.ab.ca>  
**Sent:** July 5, 2019 4:10 PM  
**To:** Cindy Chisholm  
**Subject:** 056-19, 057-19, 058-19

**Our File: 2511-SW 21-12-27-W4M (520)**

Good Afternoon Cindy,

The proposed development is located in an existing industrial subdivision and all access is via the local road system. In this instance a Roadside Development Permit application from Alberta Transportation **will not be required.** Thank you for the referral and opportunity to comment.

**Leah Olsen**  
Development/Planning Technologist  
Alberta Transportation  
Government of Alberta

Tel 403-388-3105  
Cell 403-308-2601  
Fax 403-382-4057  
[leah.olsen@gov.ab.ca](mailto:leah.olsen@gov.ab.ca)



Up-to-date road information, including traffic delays, is a click or a call away. Call 5-1-1 toll-free, visit [511.alberta.ca](http://511.alberta.ca) or follow us on Twitter @511Alberta to get on the road to safer travel.

<https://511.alberta.ca/>  
<https://twitter.com/511Alberta>

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## Cindy Chisholm

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**From:** Tara VanDellen <Tara@claresholm.ca>  
**Sent:** July 11, 2019 2:26 PM  
**To:** Cindy Chisholm  
**Subject:** Notice of Meeting MD - airport  
**Attachments:** 20190704130906712.pdf

Hello Cindy,

The Town of Claresholm thanks you for the opportunity to review the application 056-19, 057-19, 058-19 for Candeo Materials Processing Inc. and the Town has no comments in regards to the proposed application.

If you have any further questions please let me know.

Thanks,



**Tara VanDellen**  
Planner/Development Officer

Phone: 403.625.3381 | Fax: 403.625.3869  
PO Box 1000, 221 45 Ave W, Claresholm, AB T0L 0T0  
[www.claresholm.ca](http://www.claresholm.ca)



**Municipal Planning Commission  
MD Willow Creek**

**Subject: Written Submission and request to speak on development permit application numbers 56-19, 057-19, 058-19 and/or 056-19 Amended**

**Planning Commission and Council Members:**

As well as representing myself (Murray Frame), my wife (Wendy Harvey) and our company (Frame Aviation), I am also representing the Claresholm Airport hangar/aircraft owners, and users groups.

We have identified two concerns with this application, one major concern and one a more minor concern.

The major concern involves the importing of, stock piling of and odor control of the "Bio-Mass" product. Throughout the application the product is casually referred to as "Bio-Mass" and/or "Bio-Mass (plant waste)", however, in their promotional brochure, it's identified as "Rotting" bio-mass (plant waste). This is terribly lacking in detail, as it covers a very broad spectrum of material at various stages of rot, all of which have a very bad and very strong odor. Further the only reference to odor control by the applicant was item #4 in their supplementary plans and information sheets that states "applying a spray-on odor control" and "a methane gas collector". Again, highly inadequate as any rotting material producing methane gas can not be contained by spraying on a liquid and the "collecting" of gas will only be done inside the buildings. What about the stock piles in the yard (Item #21 states, "storage both inside and outside the hangars")?

Before the Commission can make an informed decision, the applicant needs to supply them with detailed plans for the transportation, storing/stock-piling of the bio-mass, what it will consist of and how much will be stockpiled at any one time. The Commission also needs to know to "what level" the smell will be controlled at and, if the applicant has a clean up contingency plan in place in the event they have to shut down operations. Then, if the Commission feel comfortable going forward, "all" of these items need to be listed in the "conditions" of the development permit.

Due to an incident in Airdrie, Rocky View County had to shut down a composting facility because they had gone from composting just manure to organic residential and beef processing waste as well. The smell was described as "Horrible, Putrid, Dead Smell" and "Like a dead body that's been left out in a field for a month". Further, the composting company now advises it will take considerably more than the 90 days the county gave them for clean up of the site.

The second concern is minor involving item 13 in the information. The applicant states access will be Harvard Drive "and potentially off the south side of the properties". Dust control aside, Township Road 123 is woefully inadequate to handle 10 trucks a day 7 days a week and I would ask that a moratorium be put on that item.

Thank you for considering this submission,

**Murray Frame and Wendy Harvey  
Frame Aviation  
cc Airport Owners and Users Group**



**candeo**

**Nature's Solution**

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July 13, 2019

Municipal Planning Commission  
Municipal District of Willow Creek No. 26

Attention: Ms. Cindy Chisholm  
Manager of Planning & Development

Dear Ms. Chisholm:

Re: Development Application Number 056-19  
Plan: 2840 JK, Block 1, Lot 3  
(Hanger #6, Claresholm Industrial Park)

Thank you for sending us the written submission of Mr. Murray Frame, Ms. Wendy Harvey et al (the "Frame Group"). We do respect their concerns and opinions.

It is unfortunate that they did not first contact us as we believe that the factual information will satisfy their concerns and would have gladly talked to them if approached.

In response to the Frame Group and to the Municipal Planning Commission of MD Willow Creek, we wish to advise as follows:

**A. First Concern – Odor from "Bio-Mass" Product**

1. In Candeo's blending and development process and protocol to produce our IP NaturaTerra™ Soil Blends, the vast majority of our input raw materials will consist of minerals derived from rock quarries and/or gravel pits, which have no odor. The plant waste (biomass) used as part of the input raw materials will be a small percentage. All raw materials are 100% natural.
2. None of the plant waste will contain any manure or animal processing waste, or animal products.
3. All plant waste used will be stored inside the walls of the facility (not outside).
4. The plant waste we will be using is organic vegetables and fruit waste (that you would find at grocery stores) that has passed its 'best-before' expiry date and is subsequently discarded to landfills as plant waste. The vast majority of this produce may look edible but is mandated to be thrown away once past said expiration dates.
5. We will also utilize organic matter such as grass clippings, leaves, hay and vegetable stock (including corn stocks, potato Leaves, etc.). We only use plant matter and never use any manure or other such foul smelling waste. We do not require the organic matter to be in a state of 'rot', a term we should not have used in our brochure (apologies), as well, we will never wait until the input material is 'rotting' to use it.
6. All of our input material stored inside will be in containment vats and odor will not be an issue for our workers or our neighbors.



7. If needed, Candeo will use proven and environmentally safe odor control products such as IMCO Technologies Inc. 840 Odor Suppress and 841 - Eucalyptol-Odor-Suppressant sprayed on plant waste stored inside the facility, which virtually eliminates odor. Please see the attached documentation on these products.
8. Further and if needed, Candeo will use a proven environmentally safe waterborne emulsion coating formulated to offer high performance stabilization to granular road and shoulder projects for dust control, namely CRC Coating Technologies Inc. Ecoloc 555 Road and Shoulder. Please see the attached document on this product.
9. It should be noted that our facility will **not** be a composting facility and our facility should not be compared to one.
10. All rock minerals will be stored outside (in the yard), except for amounts about to be mixed, which will have been moved inside the facility.
11. Interior storage will be limited to plant waste (again, under controlled odor conditions), rock minerals and several additional and effective soils enhancement all natural products (the latter two having no odor issues), along with our finished products (NaturaTerra™ Soil Blends).

### **B. Second Concern – Access to Township Road 123**

1. As to the second concern expressed by the Frame Group, Candeo is no longer purchasing Lot 1 and Lot 2, Block 1, Plan 2840 JK – Development Permit Application numbers #057-19 and #058-19 respectively (for Hanger #7) (Hanger #7); and is only purchasing Lot 3, Block 1, Plan 2840 JK - Development Permit Application number #056-19 (Hanger #6).
2. Candeo now sees **no** need to have access to Township Road 123 on the south side of Hanger #6 property and as such we hereby withdraw that request.

Should the Frame Group or the Municipal Planning Commission wish to receive any further information from Candeo as to our proposed operations, we would be pleased to discuss it with them. We will also discuss these issues at the hearing before the Municipal Planning Commission on Wednesday July 17, 2019.

We believe that Candeo will bring significant benefits to the MD Willow Creek/Claresholm area as well as the Southern Alberta agricultural area.

Thank you.

Sincerely,

Lindsay Young  
President  
Candeo Growth Solutions Inc.  
(403) 993-8286





# 840 ODOR-SUPPRESS

By Imco®

## DESCRIPTION

An aqueous solution of oxidizing agents for oxidizing malodorous substances and eliminating major sources of obtrusive smells, and proprietary minerals for promoting bacterial growth and rapid decomposition of waste. In addition, OdorSuppress contains natural odoriferous substances to assist in masking or reducing the odor of specific malodorous smells found in manure, farms and compost heaps. Contains environmentally friendly and biodegradable materials.

## BASIC USES

An economical, effective odor suppressor for compost piles and farms

## MAJOR ADVANTAGES

A proven aqueous solution of inorganic compounds for removing malodorous products.

## GENERAL INFORMATION

A product for breaking down malodorous organic products over a few weeks.

## APPLICATION INSTRUCTIONS –

Application rate is very dependent on waste level.

The odor should decrease over the next 2 - 3 hours. A minimum odor level may take 24 hours to achieve.

Application rates for various farm and compost requirements:

Cattle feedlots: 10 L to 20L of OdorSuppress per acre. Dilute 1 to 20 with water for application by spraying

Poultry waste: 10 L to 20 L of OdorSuppress per acre. Dilute 1 to 20 with water for application by spraying

Liquid dairy and swine waste: 20L to 60L of OdorSuppress per 1000 L

For concentrated manure heaps: 40L to 60 L of OdorSuppress per 1000 kg of manure

For compost heaps: 10 L to 20 L of OdorSuppress per 1000 kg of compost pile. Dilute 1 to 5 with water for application by spraying

**NOTE:** For masking odor immediately a product called 841 *Eucalyptol Odor Suppressant* is available to use with 840 *OdorSuppress*.

## SPECIAL HANDLING

## SAFETY

Please refer to SDS at [www.imcotechnologies.com](http://www.imcotechnologies.com). (Non -Toxic & Odorless)

## WARRANTY DISCLAIMER

The information herein is to assist customers in determining whether our products are suitable for their application. Our products are intended for sale to industrial and commercial customers. We request that customers inspect and test our products before use and satisfy themselves as to the contents and suitability. We warrant that our products will meet our written specifications. Nothing herein shall constitute a warranty expressed or implied, including any warranty of merchantability or fitness, nor is protection from any loss or patent to be inferred. The exclusive remedy for all proven claims is replacement of our materials and in no event shall we be liable for special, incidental or consequential damages.

IMCO TECHNOLOGIES  
6254 SKYWAY RD., PO BOX 915  
SMITHVILLE, ON. L0R 2A0

TEL 1-877-957-4626  
FAX 905-527-0606

[info@imcotechnologies.com](mailto:info@imcotechnologies.com)  
[www.imcotechnologies.com](http://www.imcotechnologies.com)

IMCO TECHNOLOGIES  
3909 Witmer RD, Suite 1014  
NIAGARA FALLS, NY 14305



# SAFETY DATA SHEET

## 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY

TRADE NAME	840 ODORSUPPRESS		
PRODUCT USE	An effective odor suppressor for compost piles and farms		
MANUFACTURE'S NAME	IMCO TECHNOLOGIES 6254 SKYWAY RD., PO BOX 915 SMITHVILLE, ON. L0R 2A0	TEL 1-877-957-4626 FAX 905-527-0606	IMCO TECHNOLOGIES 3909 Witmer RD, Suite 1014 NIAGARA FALLS, NY 14305
EMERGENCY NUMBER	613-996-6666 or *666 CANUTEC 1-800-535-5053 UNITED STATES POISON INFORMATION CENTRE		

## 2. HAZARD IDENTIFICATION

ROUTE OF ENTRY	Absorption, Eye contact, Ingestion, Inhalation, Skin contact.
CARCINOGENIC STATUS	Not considered carcinogenic from known data
TARGET ORGANS	Skin, lungs
HEALTH EFFECTS – EYE	Liquid mist or vapor will cause irritation
HEALTH EFFECTS – SKIN	Material may cause moderate irritation.
HEALTH EFFECTS – INGESTION	Aspiration during swallowing or vomiting may damage the lungs. Swallowing may have the following effects: irritation of mouth, throat and digestive tract.
HEALTH EFFECTS – INHALATION	May cause damage to lungs



NFPA



HMIS

5-MINIMAL; 4-SLIGHT; 3-MODERATE; 2-HIGH; 1-EXTREME

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENTS	CAS NUMBER	WEIGHT %	TWA ppm	LD50 ORAL RAT Mg/kg	LC50 INHAL RAT ppm
POTASSIUM PERMANGANATE	7722-64-7	N/A	N/A	N/A	N/A
PROPRIETARY INOORGANIC COMPOUNDS		N/A	N/A	N/A	N/A

## 4. FIRST AID MEASURES

FIRST AID – INHALATION	Move to fresh air, give artificial respiration if necessary. Seek medical attention if cough or other symptoms appear.
FIRST AID – SKIN	Rinse with water
FIRST AID – EYE	Immediately flood the eye with plenty of water for at least 15 minutes, holding eye open. Obtain medical attention if soreness or redness persists. Failure to wash eyes immediately may cause sever damage to the eyes and blindness.
FIRST AID – INGESTION	Have the victim drink 1 – 3 glasses of water to dilute stomach contents NO NOT INDUCE VOMMITING. Obtain medical attention.

### INFORMATION FOR DOCTOR

Most important symptoms and effects, both acute and delayed.  
No further relevant information

Indications of any immediate medical attention and special treatment needed.  
No further relevant information available.

## 5. FIRE FIGHTING MEASURES

CONDITIONS OF FLAMMABILITY	Only if evaporated to dryness and combustibles added.
EXTINGUISHING MEDIA	Water, dry chemical, chemical foam, carbon dioxides.
SPECIAL HAZARDS OF PRODUCT	NONE
PROTECTIVE EQUIPMENT FOR FIRE FIGHTING	Wear protective eyewear, gloves and clothing.
EXPLOSION DATA – SENSITIVITY TO IMPACT	N/A
EXPLOSION DATA – SENSITIVITY TO STATIC DISCHARGE	N/A

## 6. ACCIDENTAL RELEASE MEASURES

SPILL PROCEDURES	In diluted form no special procedures. If in concentrated form dilute with lots of water.
PERSONAL PRECAUTIONS	N/A
ENVIRONMENTAL PRECAUTIONS	In diluted form no special procedures. If in concentrated form dilute with lots of water

### REFERENCES TO OTHER SECTIONS

See Section 7 for information on safe handling  
 See Section 8 for information on personal protection equipment  
 See Section 13 for disposal information

## 7. HANDLING AND STORAGE

HANDLING	Wear gloves. Do not immerse unprotected hands in product.
STORAGE	Storage area should be cool, dry area. Keep from freezing.

### INFORMATION ABOUT PROTECTION AGAINST EXPLOSIONS AND FIRES:

Keep ignition sources away – Do NOT Smoke  
 Protect against electrostatic charges

### SPECIFIC END USE(S)

No further relevant information available

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROL MEASURES	none
RESPIRATORY PROTECTION	none
HAND PROTECTION	gloves
EYE PROTECTION	Chemical goggles should be worn during all handling operations
BODY PROTECTION	Discard contaminated protective equipment. If there is danger of splashing, wear overall or apron.
PROTECTION DURING APPLICATION	gloves

## 9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE	Liquid
ODOR & APPEARANCE	Yellow
ODOR THRESHOLD (ppm)	Slight chemical odor
SPECIFIC GRAVITY	1.0
VAPOR DENSITY (AIR = 1)	Not determined
VAPOR PRESSURE 20 C	Not determined
EVAPORATION RATE	Not determined
BOILING POINT (°C)	100°C / 212
FREEZING POINT (°C)	< 0°C
pH	7
COEFFICIENT OF WATER/OIL DISTRIBUTION	N/A
SOLUBILITY IN WATER	100%
VOC (g/l)	nil
FLASH POINT (PMCC) (°C/F)	None
UPPER FLAMMABLE LIMIT %VOL	N/A
LOWER FLAMMABLE LIMIT %VOL	N/A
AUTOIGNITION TEMP (°C/F)	N/A

**10. STABILITY AND REACTIVITY**

STABILITY	Stable under normal conditions
CONDITIONS TO AVOID	none
MATERIALS TO AVOID	Avoid mixing with combustibles
HAZARDOUS POLYMERIZATION	Will not occur.
HAZARDOUS DECOMPOSITION PRODUCTS	none

**11. TOXICOLOGICAL INFORMATION**

EFFECTS OF ACUTE EXPOSURE	Possible irritation of skin in soap sensitive individuals
EFFECTS OF CHRONIC EXPOSURE	Irritation to skin
EXPOSURE LIMITS	N/A
IRRITANCY	Can cause irritation
SENSITIZATION	Can cause sensitization
CARCINOGENICITY	None known
REPRODUCTIVE TOXICITY	None known
TERATOGENICITY	None known
MUTAGENICITY	None known
TOXICOLOGICALLY SYNERGISTIC PRODUCTS	Oxidizing agents

**12. ECOLOGICAL INFORMATION**

MOBILITY	If released to soil it will evaporate at a slow rate. The product will leach into soil.
PERSISTENCE/DEGRADABILITY	The product will biodegrade rapidly
BIO-ACCUMULATION	Can accumulate in aquatic organisms.
ECOTOXICITY	The product is harmful to aquatic organisms in concentrated form.

**RESULTS of PBT and vPvB Assessment**

PBT: N/A

vPvB: N/A

**13. DISPOSAL CONSIDERATIONS**

PRODUCT DISPOSAL	Absorb material on an inert material (sand, earth) transfer absorbed material into waste container. Dispose of in accordance with all applicable local and national regulations.
CONTAINER DISPOSAL	Labels should not be removed from containers until they have been cleaned. Do not cut, puncture or weld on or near the container. Do not incinerate closed containers. Empty containers may contain hazardous residues. Dispose of containers with care.

**UNCLEANED PACKAGINGS**

Recommendation: Disposal must be made according to official regulations

**14. TRANSPORTATION INFORMATION**

CANADA	TDG CLASSIFICATION
HAZARD LABEL NOT REQUIRED	
EXPORT	
DOT CFR 172.101 DATA	N/A
UN PROPER SHIPPING NAME	5.1
UN CLASS	
UN NUMBER	1490
UN PACKAGING GROUP	II
FLASH POINT	N/A
HAZARDOUS MATERIAL	N/A
HAZARD LABEL	N/A
MARINE POLLUTANT	N/A
SPECIFIC PRECAUTIONS FOR USER	NONE



**15. REGULATORY INFORMATION**

WHMIS CLASSIFICATION: CLASS C, CLASS E

CEPA STATUS (DSL) : All of the ingredients of this product are listed on the Domestic Substances List.

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by CPR.

**16. OTHER INFORMATION**HAZARD RATING  
(HMIS)

KEY

HEALTH: 4 FLAMMABILITY: 5 REACTIVITY: 5  
5-MINIMAL; 4-SLIGHT; 3-MODERATE; 2-HIGH; 1-EXTREME

NA: No applicable information found or available  
 CAS#: Chemical Abstracts Service Number  
 ACGIH: American Conference of Governmental Industrial Hygienists  
 OSHA: Occupational Safety and Health Administration  
 TLV: Threshold Limit Value  
 PEL: Permissible Exposure Limit  
 STEL: Short Term Exposure Limit  
 NTP: National Toxicology Program  
 IARC: International Agency for Research on Cancer  
 R: Risk  
 S: Safety  
 LD50: Lethal Dose 50%  
 LC50: Lethal Concentration 50%

PREPARED BY:

Imco Technologies Inc.

SDS REVISION DATE

July 3, 2019 PE

Provided data is offered in good faith as typical values and not as a product specification. No warranty, either express or implied, is hereby made. The recommended industrial hygiene and safe handling procedures are believed to be generally applicable, however, each user should review these recommendations.



# SAFETY DATA SHEET

## 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY

TRADE NAME	841 Eucalyptol Odor Suppressant		
PRODUCT USE	An economical, effective odor suppressor for compost piles and farms		
MANUFACTURE'S NAME	IMCO TECHNOLOGIES 6254 SKYWAY RD., PO BOX 915 SMITHVILLE, ON. L0R 2A0	TEL 1-877-957-4626 FAX 905-527-0606	IMCO TECHNOLOGIES 3909 Witmer RD, Suite 1014 NIAGARA FALLS, NY 14305
EMERGENCY NUMBER	613-996-6666 or *666 CANUTEC 1-800-535-5053 UNITED STATES POISON INFORMATION CENTRE		

## 2. HAZARD IDENTIFICATION



GHS07



GHS02

ROUTE OF ENTRY	Absorption, Eye contact, Ingestion, Inhalation, Skin contact.
CARCINOGENIC STATUS	Not considered carcinogenic by NTP, IARC, and OSHA.
TARGET ORGANS	Eye, Skin, Central Nervous System
HEALTH EFFECTS – EYE	Eye irritant
HEALTH EFFECTS – SKIN	Liquid may be absorbed through the skin. Repeated or prolonged contact may produce defatting of the skin leading to irritation and dermatitis.
HEALTH EFFECTS – INGESTION	Aspiration during swallowing or vomiting may severely damage the lungs. Swallowing may have the following effect: irritation of mouth, throat and digestive tract, drowsiness, depression and intoxication
HEALTH EFFECTS – INHALATION	Remove from exposure

5-MINIMAL; 4-SLIGHT; 3-MODERATE; 2-HIGH; 1-EXTREME

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENTS	CAS NUMBER	WEIGHT %	TWA ppm	LD50 ORAL RAT Mg/kg	LC50 INHAL RAT ppm
Eucalyptol Complex	470-82-6	N/A	N/A	N/A	N/A
Isopropanol	67-63-0	N/A	N/A	N/A	N/A

## 4. FIRST AID MEASURES

FIRST AID – INHALATION	Remove from exposure.
FIRST AID – SKIN	Immediately flood the skin with large quantities of water, preferably under a shower
FIRST AID – EYE	Immediately flood the eye with plenty of water for at least 15 minutes, holding the eye open. Obtain medical attention if soreness or redness persists.
FIRST AID – INGESTION	Have victim drink 1 – 3 glasses of water to dilute stomach contents. Induce vomiting. If there is difficulty in breathing give Oxygen. Obtain medical attention immediately.

### INFORMATION FOR DOCTOR

Most important symptoms and effects, both acute and delayed.

No further relevant information

Indications of any immediate medical attention and special treatment needed.

No further relevant information available.

## 5. FIRE FIGHTING MEASURES

CONDITIONS OF FLAMMABILITY	Heat and ignition source
EXTINGUISHING MEDIA	Use water spray, foam, dry chemical or carbon dioxide. Be aware of the possibility of re-ignition. Keep containers and surroundings cool with water spray.

SPECIAL HAZARDS OF PRODUCT	This product may give rise to hazardous fumes in a fire. Be aware of possibility of re-ignition. Containers may explode in heat of fire. Vapors can travel a considerable distance to a source of ignition and flashback. Dangerous when exposed to heat or flame.
PROTECTIVE EQUIPMENT FOR FIRE FIGHTING	Wear full protective clothing and self-contained breathing apparatus.
EXPLOSION DATA – SENSITIVITY TO IMPACT	N/A
EXPLOSION DATA – SENSITIVITY TO STATIC DISCHARGE	N/A

## 6. ACCIDENTAL RELEASE MEASURES

SPILL PROCEDURES	Absorb into sand or earth and place in a closed container for disposal.
PERSONAL PRECAUTIONS	Eliminate all sources of ignition. Vapors can accumulate in low areas. Consider need for evacuation.
ENVIRONMENTAL PRECAUTIONS	Notify authorities if spill has entered watercourse or sewer or has contaminated soil or vegetation.

### REFERENCES TO OTHER SECTIONS

See Section 7 for information on safe handling  
 See Section 8 for information on personal protection equipment  
 See Section 13 for disposal information

## 7. HANDLING AND STORAGE

HANDLING	Use in well-ventilated area. Use local exhaust ventilation. Avoid inhaling vapor. Avoid contact with eyes, skin and clothing. Do not take internally. Keep container tightly closed when not in use.
STORAGE	Store away from sources of heat or ignition. Storage area should be: cool, dry, well ventilated, out of direct sunlight, away from incompatible materials. Minimize exposure to air.

INFORMATION ABOUT PROTECTION AGAINST EXPLOSIONS AND FIRES:  
 N/A

SPECIFIC END USE(S)  
 No further relevant information available

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROL MEASURES	Exposure to this material may be controlled in a number of ways. The measures appropriate for a particular worksite depend on how the material is used and on the potential for exposure. If engineering controls and work practices are not effective in preventing or controlling exposure, then suitable personal protective equipment, which is known to perform satisfactorily, should be used.
RESPIRATORY PROTECTION	The specific respirator selected must be based on the airborne concentration found in the workplace and must not exceed the working limits of the respirator. The following protection is recommended: Respirator equipped with an organic vapor cartridge.
HAND PROTECTION	Gloves must be worn during all handling operations. Neoprene gloves.
EYE PROTECTION	Chemical goggles should be worn during all handling operations to protect against splashing.
BODY PROTECTION	Discard contaminated protective equipment. If there is danger of splashing, wear overall or apron.
PROTECTION DURING APPLICATION	During application, adequate ventilation must be provided. Mix in a well-ventilated area. If ventilation is poor, wear respiratory protection. During application, all sources of ignition must be eliminated and adequate ventilation must be provided.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE	Liquid
ODOR & APPEARANCE	Clear
ODOR THRESHOLD (ppm)	Not determined
SPECIFIC GRAVITY	0.82 g/ml
VAPOR DENSITY (AIR = 1)	Not determined
VAPOR PRESSURE 20 C	Not determined
EVAPORATION RATE	Not determined
BOILING POINT (°C)	>82°C
FREEZING POINT (°C)	<-10°C
pH	Neutral
COEFFICIENT OF WATER/OIL DISTRIBUTION	N/AV
SOLUBILITY IN WATER	Partially soluble
VOC (g/l)	<3

FLASH POINT (PMCC) (°C/F)	>13°C
UPPER FLAMMABLE LIMIT %VOL	NA
LOWER FLAMMABLE LIMIT %VOL	NA
AUTOIGNITION TEMP (°C/F)	NA

## 10. STABILITY AND REACTIVITY

STABILITY	Stable under normal conditions
CONDITIONS TO AVOID	High temperatures, all sources of ignition
MATERIALS TO AVOID	Strong oxidizing agents, alkalis, acids, bases
HAZARDOUS POLYMERIZATION	Will not occur.
HAZARDOUS DECOMPOSITION PRODUCTS	Oxides of carbon, Formaldehyde, Unidentified organic materials

## 11. TOXICOLOGICAL INFORMATION

EFFECTS OF ACUTE EXPOSURE	Harmful by ingestion, inhalation or skin absorption.
EFFECTS OF CHRONIC EXPOSURE	Not Studied
EXPOSURE LIMITS	N/A
IRRITANCY	May cause skin irritation
SENSITIZATION	May cause sensitization
CARCINOGENICITY	None Observed
REPRODUCTIVE TOXICITY	Not Studied
TERATOGENICITY	None reported
MUTAGENICITY	None observed
TOXICOLOGICALLY SYNERGISTIC PRODUCTS	None reported

## 12. ECOLOGICAL INFORMATION

MOBILITY	If released to soil it will evaporate at a moderate rate. The product will leach into soil. The product will dissolve partially in water.
PERSISTENCE/DEGRADABILITY	The product is expected to biodegrade slowly.
BIO-ACCUMULATION	Product is not expected to bio-accumulate
ECOTOXICITY	The product may be harmful to aquatic organisms.

### RESULTS of PBT and vPvB Assessment

PBT: N/A

vPvB: N/A

## 13. DISPOSAL CONSIDERATIONS

PRODUCT DISPOSAL	Dispose of as hazardous waste. Dispose of in accordance with all applicable local and national regulations. Incineration is an acceptable method of disposal. Do not incinerate closed containers.
CONTAINER DISPOSAL	Label should not be removed from containers until they have been cleaned. Do not cut, puncture or weld on or near the container. Do not incinerate closed containers. Empty containers may contain hazardous residues. Dispose of containers with care.

### UNCLEANED PACKAGINGS

Recommendation: Disposal must be made according to official regulations

## 14. TRANSPORTATION INFORMATION

<b>CANADA</b>	<b>TDG CLASSIFICATION</b>
HAZARD LABEL 3 NOT REQUIRED	
EXPORT	
DOT CFR 172.101 DATA	Flammable liquid
UN PROPER SHIPPING NAME	Flammable Liquid
UN CLASS	
UN NUMBER	1993
UN PACKAGING GROUP	III
FLASH POINT	N/A
HAZARDOUS MATERIAL	Eucalyptol
HAZARD LABEL	
MARINE POLLUTANT	n/a
SPECIFIC PRECAUTIONS FOR USER	none



## 15. REGULATORY INFORMATION



GHS07

GHS02

WHMIS CLASSIFICATION: CLASS B2 Flammable Liquid

CEPA STATUS (DSL) : All of the ingredients of this product are listed on the Domestic Substances List.

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by CPR.

## 16. OTHER INFORMATION

HAZARD RATING (HMIS)	HEALTH: 3 FLAMMABILITY: 5 REACTIVITY: 5
KEY	5-MINIMAL; 4-SLIGHT; 3-MODERATE; 2-HIGH; 1-EXTREME
	NA: No applicable information found or available CAS#: Chemical Abstracts Service Number ACGIH: American Conference of Governmental Industrial Hygienists OSHA: Occupational Safety and Health Administration TLV: Threshold Limit Value PEL: Permissible Exposure Limit STEL: Short Term Exposure Limit NTP: National Toxicology Program IARC: International Agency for Research on Cancer R: Risk S: Safety LD50: Lethal Dose 50% LC50: Lethal Concentration 50%
PREPARED BY:	Imco Technologies Inc.
SDS REVISION DATE	July 2/ 2019

Provided data is offered in good faith as typical values and not as a product specification. No warranty, either express or implied, is hereby made. The recommended industrial hygiene and safe handling procedures are believed to be generally applicable, however, each user should review these recommendations.



**PRODUCT NAME:**  
**Ecoloc 555 Road and Shoulder**

## DESCRIPTION

**Ecoloc 555 Road and Shoulder** is a waterborne emulsion coating formulated to offer high performance stabilization to granular road and shoulder projects, water and air barrier coating for construction and corrosion resistance to fabricated metal products and structures. This professional product is designed for ease of application by trained crews and is provided as a concentrate that may be diluted with pH7 potable water depending on the application.

## BASIC USES

- Granular Road Beds and Shoulders
- Granular Parking Lots
- Granular Mining and Forestry Roads
- Staging Areas
- Stock Piles and Tailings
- Construction Air Barriers
- Concrete or Metal Sealing and Waterproofing
- Corrosion Resistant Barriers

## MAJOR ADVANTAGES OF CRC™-CCMC

- Safe alternative to hot-applied bitumen or solvent-based products
- Non-water soluble, non-leaching
- Excellent stabilization
- Non-skid surface
- Ease of application
- Long Wearing
- Flexible & seamless, resistant to cracking & aging
- Freeze/Thaw Resistant
- Environmentally Friendly
- Salt resistant
- VOC free

## WARRANTY DISCLAIMER

The information contained herein is based on available data and is provided for information only. CRC™ makes no warranties, guarantees or conditions, expressed or implied, regards the accuracy of the data or its use therein CRC™ will not be liable for any damages arising from the use of the information product described on this data sheet. Product data subject to change without notice. Unless otherwise stated, CRC™ sole warrantee shall be the replacement or refund of purchase price for any product found not to meet the above specifications.

## TECHNICAL AND PRODUCT DATA

Percent Non-Volatile ..... 52.2  
pH ..... 6-9  
Specific Gravity ..... 1.02  
Odour..... Slight Sweet  
Viscosity..... 15 – 18sec Zahn #2  
Volatile Organic Compounds ..... 0 g/L  
Colour ..... Dark Tan

## SPECIFICATIONS

- **OPSS 2510** – Ontario Provincial Standard Material Specification for Tall Oil Pitch Emulsion
- **OPSS 305** – Ontario Provincial Standard Material Specification for Granular Sealing
- **ASTM E1186 – 17** – Standard Practices for Air Leakage Site Detection in Building Envelopes and Air Barrier Systems

## PRECAUTIONS

*This is an Industrial Product. Not for use by Untrained Personnel*

## APPLICATION INSTRUCTIONS

- This product is mildly acidic. Before applying, read associated Safety Data Sheet and follow guidance on proper personal protective equipment and material handling
- Do not store or use this material below 5°C
- Do not store where exposed to direct sunlight

*Refer to Application Data sheet for Additional Precautions and Safe Handling Procedures.*

CRC Coating Technologies Inc.™ 6254 Skyway RD, PO Box 915 Smithville, ON L0R 2A0	TEL: 289-448-0157 888-292-5565 FAX: 905-527-0606	Email: info@crccoatings.com www.crccoatings.com	CRC Coating Technologies Inc.™ 3909 Witmer RD, Suite 1014 Niagara Fall, NY 14305
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**THE MUNICIPAL DISTRICT OF WILLOW CREEK NO. 26**  
Box 550, Claresholm, AB T0L 0T0  
Phone (403) 625-3351 Fax (403) 625-3886 www.mdwillowcreek.com

FOR OFFICE USE ONLY

## APPLICATION FOR A DEVELOPMENT PERMIT

**IMPORTANT:** This information may also be shared with appropriate government/other agencies (e.g. Alberta Agriculture, Food and Rural Development; Alberta Environment; the regional health authority), and may also be kept on file by those agencies. This information may also be used by and for any or all municipal programs and services. The application and related file contents will become available to the public and are subject to the provisions of the Freedom of Information and Protection of Privacy Act (FOIP). If you have any questions about the collection of this information, please contact The Municipal District of Willow Creek No. 26.

Application No. \_\_\_\_\_

Fees Submitted: \$ \_\_\_\_\_

Site Inspection: \_\_\_\_\_

### Form A

**APPLICANT: Candeco Materials Processing Inc.**  
(a subsidiary of Candeco Growth Solutions Inc.)

### ADDRESS:

**MUNICIPAL ADDRESS: 67 (Hanger #6) Harvard Drive**  
**Claresholm Industrial Park, Alberta**

**REGISTERED OWNER: 1786598 Alberta Ltd.**

**Telephone:**

**Fax:**

**Bus/Cell:**

**Telephone:**

**LEGAL DESCRIPTION: Lot 3                      Block 1                      Plan                      2840 JK**

OR:              Quarter \_\_\_\_\_ Section \_\_\_\_\_ Township \_\_\_\_\_ Range \_\_\_\_\_ W \_\_\_\_\_ M

**EXISTING USE: Lot 3 is a vacant hanger (Hanger #6)**

**PROPOSED USE: "Industrial Manufacturing" (as per new Land Use By-Law))**

### PARTICULARS OF PROPOSED DEVELOPMENT:

The proposed use of the site is the manufacturing of value-added soil enhancement and rejuvenation products by mixing crushed rock with biomass, as well as the bagging, warehousing and sales of the finished product, all for use in the agriculture, horticulture, greenhouse and cannabis industries for soil remediation and amendment.

Additional information or clarification can be helpful in processing the application without delay. You may wish to use the back of this form, or attach a separate sheet with such information. Please fill out the Right of Entry authorization on reverse.

### REGISTERED OWNER OR PERSON ACTING ON BEHALF OF:

I/we agree to the collection and sharing of this information contained in this application, and any other information may be required to verify and evaluate this application as explained above. I have submitted particulars concerning the completion of the proposed development and agree to comply in all respects with any conditions that may be attached to any development permit that is issued and with any other bylaws that are applicable. I am aware I may be required to pay for all local improvement costs, which include drainage, sidewalks, road construction, street lighting, water and sewer main extensions, utility connection fees and installation costs at the present established rate.

I have read and understand the terms noted on the reverse side of this form and hereby apply for permission to carry out the development described above and/or on the attached plans and specifications. I further certify the registered owner(s) of the land described above is aware of this application.

**DATE: June 27, 2019**

**SIGNED: \_\_\_\_\_**

IMPORTANT: See Over

**ADDITIONAL INFORMATION:**

In essence, rock powder is combined with several "all-natural" specific minerals and soil essentials in precisely formulated mixture blends and the formulated blends are then mixed with bio-mass (plant waste) to create our finished products (known as "NaturaTerra™ Growth Mediums"). Various blends of our final product will be created for a selection of crops.

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**IMPORTANT:**

1. Subject to the provisions of the Land Use Bylaw of The Municipal District of Willow Creek No. 26, the term "development" includes any change in the use of buildings or land.
2. Although the Development Officer is in a position to advise on the principle or details of any proposals, such advice must not be taken in any way as an official consent, and is without prejudice to the decision in connection with the formal application. It must be clearly understood any development by the applicant within 21 days after receipt of a Development Permit is at his own risk.
3. Please submit a plan or drawing showing locations of existing and proposed buildings, roads, services, boundaries, etc. in sufficient detail to ensure proper consideration of the application. Measurements may be metric or imperial units. It is desirable the plans and drawings should be on scale appropriate to the development, as follows:  
Site plans – ratio of 1:1000 or 1:1500  
Other drawings – ratio of 1:100 or 1:200  
or as required by the Development Officer. However, unless otherwise stipulated, it is not necessary for plans and drawings to be professionally prepared.
4. If a decision is not made within 40 days from the date of the receipt of the application in its complete and final form, the applicant may exercise his right of appeal as though he had been mailed a refusal at the end of the 40-day period unless an agreement for a time extension has been entered into with the municipality.

**RIGHT OF ENTRY:**

I hereby authorize representatives of The Municipal District of Willow Creek No. 26 to enter my land for the purpose of conducting a site inspection in connection with this application.

This right is granted pursuant to Section 542(1) of the *Municipal Government Act*.

**DATE:** June 27, 2019

**SIGNED:**

\_\_\_\_\_  
Registered Landowner(s)



## **Cindy Chisholm**

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**From:** Rob Tams <  
**Sent:** June 29, 2019 1:30 PM  
**To:** William J. Hogan  
**Cc:** Cindy Chisholm; Robert J. Iverach; William Hogan  
**Subject:** Re: DEVELOPMENT PERMIT APPLICATION SIGN OFF

Hello everyone.

I'm the owner of 1786598 Alberta Ltd and also the owner of hanger 6 and 7 in your country. I am working towards the sale of both to Candeo and William Hogan.

I did sign the development permit. If any questions are forthcoming for myself, please don't hesitate to contact myself at

It's exciting news the MD of Willow Creek was chosen as the site for this exiting company and also the jobs which will accompany their operations!!

Warm regards,

Robin D Tams  
President  
1786598 Alberta Ltd.

Sent from my iPhone

On Jun 29, 2019, at 1:18 PM, William J. Hogan wrote:

Hi Rob,

In our discussions with Cindy Chisolm, Manager, Planning & Development (copied), indicated that although you signed the 2-page Application for a Development Permit, the MD Development process requires that you also indicate in a message that you did sign off and approve of Candeo's Application.

Could you be so kind as to send Cindy an email in that regard and copy me and/or Bob (copied). Thx in advance.

Cheers and enjoy the Canada Day long weekend,  
Bill

**William J. Hogan**  
Chairman  
Candeo Lava Products Inc.

Calgary, Alberta, Canada

**Bus:**  
**Fax:**  
**Cell:**



LAND TITLE CERTIFICATE

S  
LINC                      SHORT LEGAL                      TITLE NUMBER  
0019 927 748           2840JK;1;3           191 113 783 +2

LEGAL DESCRIPTION  
PLAN 2840JK  
BLOCK 1  
LOT 3  
EXCEPTING THEREOUT ALL MINES AND MINERALS  
AND THE RIGHT TO WORK THE SAME

ESTATE: FEE SIMPLE  
ATS REFERENCE: 4;27;12;21;SW

MUNICIPALITY: MUNICIPAL DISTRICT OF WILLOW CREEK NO. 26

REFERENCE NUMBER: 181 275 479 +2

REGISTERED OWNER(S)				
REGISTRATION	DATE(DMY)	DOCUMENT TYPE	VALUE	CONSIDERATION
191 113 783	14/06/2019	TRANSFER OF LAND		SEE INSTRUMENT

OWNERS  
1786598 ALBERTA LTD.

ENCUMBRANCES, LIENS & INTERESTS		
REGISTRATION NUMBER	DATE (D/M/Y)	PARTICULARS
161 245 270	14/10/2016	CAVEAT RE : AGREEMENT CHARGING LAND , ETC. CAVEATOR - FORTISALBERTA INC. ATTN: LAND DEPT. 320 17 AVE SW CALGARY ALBERTA T2S2V1 AGENT - GARRY SIMPSON.

( CONTINUED )

-----  
ENCUMBRANCES, LIENS & INTERESTS

PAGE 2

# 191 113 783 +2

REGISTRATION

NUMBER      DATE (D/M/Y)      PARTICULARS

-----

TOTAL INSTRUMENTS: 001

THE REGISTRAR OF TITLES CERTIFIES THIS TO BE AN  
ACCURATE REPRODUCTION OF THE CERTIFICATE OF  
TITLE REPRESENTED HEREIN THIS 28 DAY OF JUNE,  
2019 AT 02:18 P.M.

ORDER NUMBER:    37526976

CUSTOMER FILE NUMBER:



\*END OF CERTIFICATE\*

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THIS ELECTRONICALLY TRANSMITTED LAND TITLES PRODUCT IS INTENDED  
FOR THE SOLE USE OF THE ORIGINAL PURCHASER, AND NONE OTHER,  
SUBJECT TO WHAT IS SET OUT IN THE PARAGRAPH BELOW.

THE ABOVE PROVISIONS DO NOT PROHIBIT THE ORIGINAL PURCHASER FROM  
INCLUDING THIS UNMODIFIED PRODUCT IN ANY REPORT, OPINION,  
APPRAISAL OR OTHER ADVICE PREPARED BY THE ORIGINAL PURCHASER AS  
PART OF THE ORIGINAL PURCHASER APPLYING PROFESSIONAL, CONSULTING  
OR TECHNICAL EXPERTISE FOR THE BENEFIT OF CLIENT(S) .

**To: The Municipal District of Willow Creek**

**Application for a Development Permit**

**by**

**Candeo Materials Processing Inc.**  
**(a subsidiary of Candeo Growth Solutions Inc.)**

**Municipal Address of Property:**

**67 Harvard Drive**  
**(Hanger #6)**  
**Claresholm Industrial Park**  
**The Municipal District of Willow Creek**  
**Alberta**

**Supplementary Plans and Information**  
**to**  
**Application dated June 27, 2019**



**Supplementary Plans and Information  
to Application dated June 27, 2019**

We wish to provide you with the following information in connection with our application:

1. **Detailed business plan:** Please attached power point presentations and schematic design.
2. **Hours/days for operating business:** Normal operating hours are expected to be from 7:00 a.m. to 6:00 p.m. Monday to Sunday. However, as operations ramp up, we expect to go to two shifts of 10 hours per day.
3. **Disposal/ waste management:** Although we do not expect there to be a lot of waste, we will install commercial bins on the exterior of the buildings, with the contents to be removed on a regular basis by a commercial contractor.
4. **Water management, air and odour management:** For water management, we intend to work with the MD to reinstate the supplying of water from the Town of Claresholm. If that does not occur, we would consider drilling our own water well or buying water from a commercial supplier and storing it on site in tanks (likely 1,000 gallon size). We do not anticipate any waste water being created.

For dust suppression, we will use an environmentally friendly spray-on product (Ecoloc555) and we will have dust collectors installed.

We will also have a methane gas collector to collect the small amount methane produced in our process, which will run it through a micro-turbine to produce electrical power and heat.

We will be operating a dryer inside Hanger #6. We will section off the dryer with a fire-proof material such as cinder blocks for fire prevention purposes.

In blending/creating our NaturaTerra™ Soil Blends, the vast majority of our input materials will consist of minerals from rock quarries and/or gravel pits, which have no odor. The plant waste (biomass) used as part of the input materials will be a small percentage. None of the plant waste will contain any manure or animal processing waste, or animal products. All plant waste used will be stored inside the walls of the facility (not outside).

The plant waste we will be using is organic waste (that you would find at grocery stores) that has passed its expiry date and is being thrown out due to being past its 'best-before' date. Much of this produce may look edible but is mandated to be thrown away once past said expiration dates. We will also utilize organic matter such as grass clippings, leaves, hay and vegetable stock (including corn stocks, potato Leaves, etc.). We only use plant matter and never use any manure or other such foul smelling waste. We do not require the organic matter to be in a state of "rot", a term we should not have used in our brochure, as well we never wait until the input material is 'rotting' to use it.

All of our input material stored inside will be in containment and odor will not be an issue for our workers or our neighbors. In addition and if needed, we will spray the input material with a 100% environmentally friendly products (840 Odor Suppress and 841 - Eucalyptol-

Odor-Suppressant). It should be noted that our facility will **not** be a composting facility and our facility should not be compared to one.

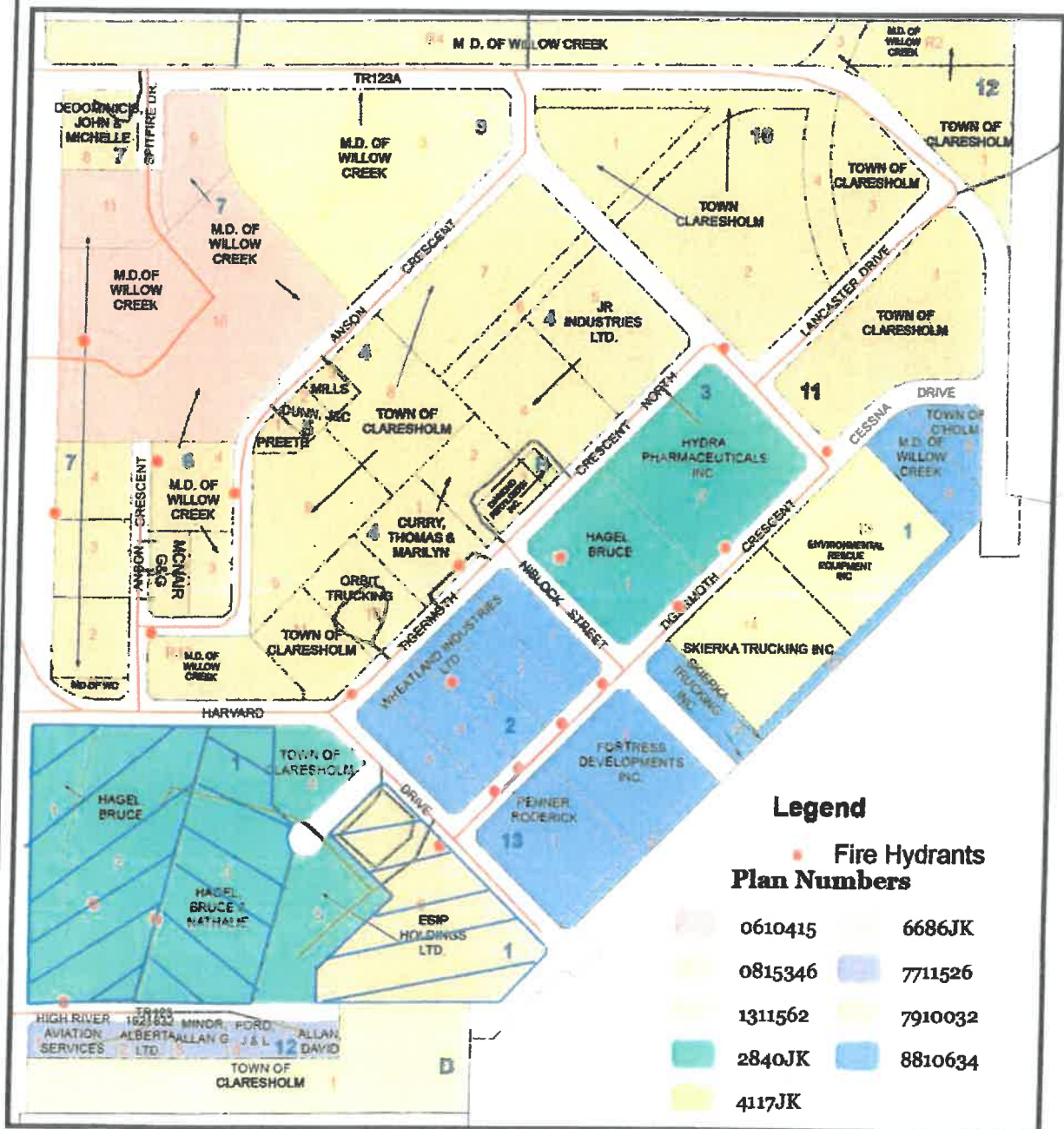
5. **Quality Control:** We will adhere to a strict "recipe" of our ingredients to ensure a consistent and repeatable quality of product.
6. **Anticipated traffic:** Minimal traffic is expected, other than staff arrivals and departures and transport trucks arriving and departing as outlined below in #11.
7. **Intended number employees:** Up to 12 plant staff per shift and up to 5 office/sales staff per building.
8. **Parking provisions for employees, etc.:** Along exterior walls outside Hanger #6.
9. **Security:** Video surveillance, lockable gate on perimeter fence, monitored commercial alarm system.
10. **Secure storage area(s):** None anticipated outside Hanger #6. On the interior, there would be lockable offices.
11. **Number of transport trucks to be used for operations (to and from facility):** Very few at the start of operations (perhaps 2 per day), growing to a potential of 10 per day.
12. **If there is intent to construct, upgrade (or relocate) any additional structures, provide size and use:** None at this time, other than possibly upgrading the interior offices.
13. **Haul routes and access to and from the site:** Access will be off the existing local road (Harvard Drive). We are not seeking access off the road on the south side of the property (Township Road 123).
14. **Emergency safety plan:**
  - a. Before operations commence, a complete emergency safety plan will be developed with a commercial safety company so that our operation are fully OH&S compliant. To date that has not been done.
  - b. One employee (to be hired) will be trained as and be our Safety Manager.
  - c. A muster zone will be located to the north of Hanger #6 beside Harvard Road (as far away from Hanger #6 as possible).
  - d. Each member of our staff will be required to take safety training and if required, be so certified.
  - e. A manual will be available to all officers and staff in Hanger #6 outlining all procedures to be taken in the event of an emergency.
15. **Provide any other information you feel may assist in making an informed decision:** We plan on becoming a very active business participant in the MD and plan on employing a considerable number of local residents.

16. **A recent title search which shows any easements on the property (available from a Registries Office, where vehicle registrations, operator's licenses, etc. are obtained):** To be sent under separate cover.
17. **Any proposed or existing structures:** There is a hanger on the property as shown in the attached plans.
18. **Existing/proposed perimeter fence area:** There is an existing perimeter fence, which will be repaired and will have a lockable gate.
19. **Parking area for staff:** There is ample on-site parking next to Hanger #6 for all stall and visitors. No off-site parking will be required.
20. **Load in/out area:** We will utilize existing exterior loading doors for entry into (or out of) Hanger #6. There is ample area outside Hanger #6 for loading for our operations.
21. **Storage of Products:** Rock minerals will be stored outside (in the yard), except for amounts about to be mixed, which will have been moved inside the facility.

Interior storage will be limited to plant waste (under controlled odor conditions), rock minerals and several other effective soil enhancement all natural products (the latter two having no odor issues), along with our finished products (NaturaTerra™ Soil Blends).

We will be storing on site our finished product ("NaturaTerra" powder) in the hanger and potentially outside in piles and in various sizes of bags up to one-ton bulk bags.

We will be storing in the hanger a liquid by-product of our process, known as "NaturaTerra" liquid. We will store the "NaturaTerra Liquid" in tanks. It will then be packaged into various sized retail containers, including 1,040 litre totes.

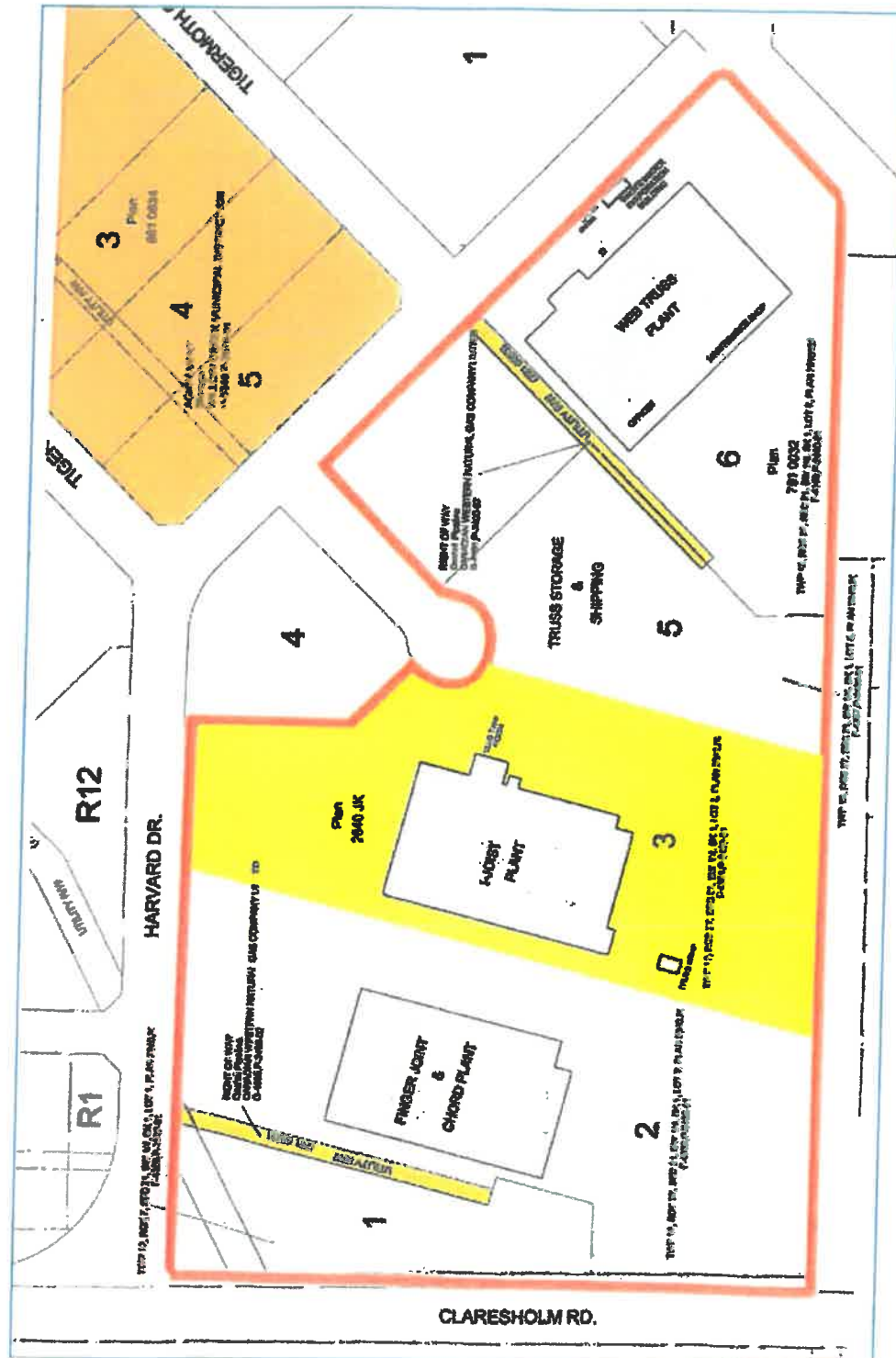


## Claresholm Industrial Park

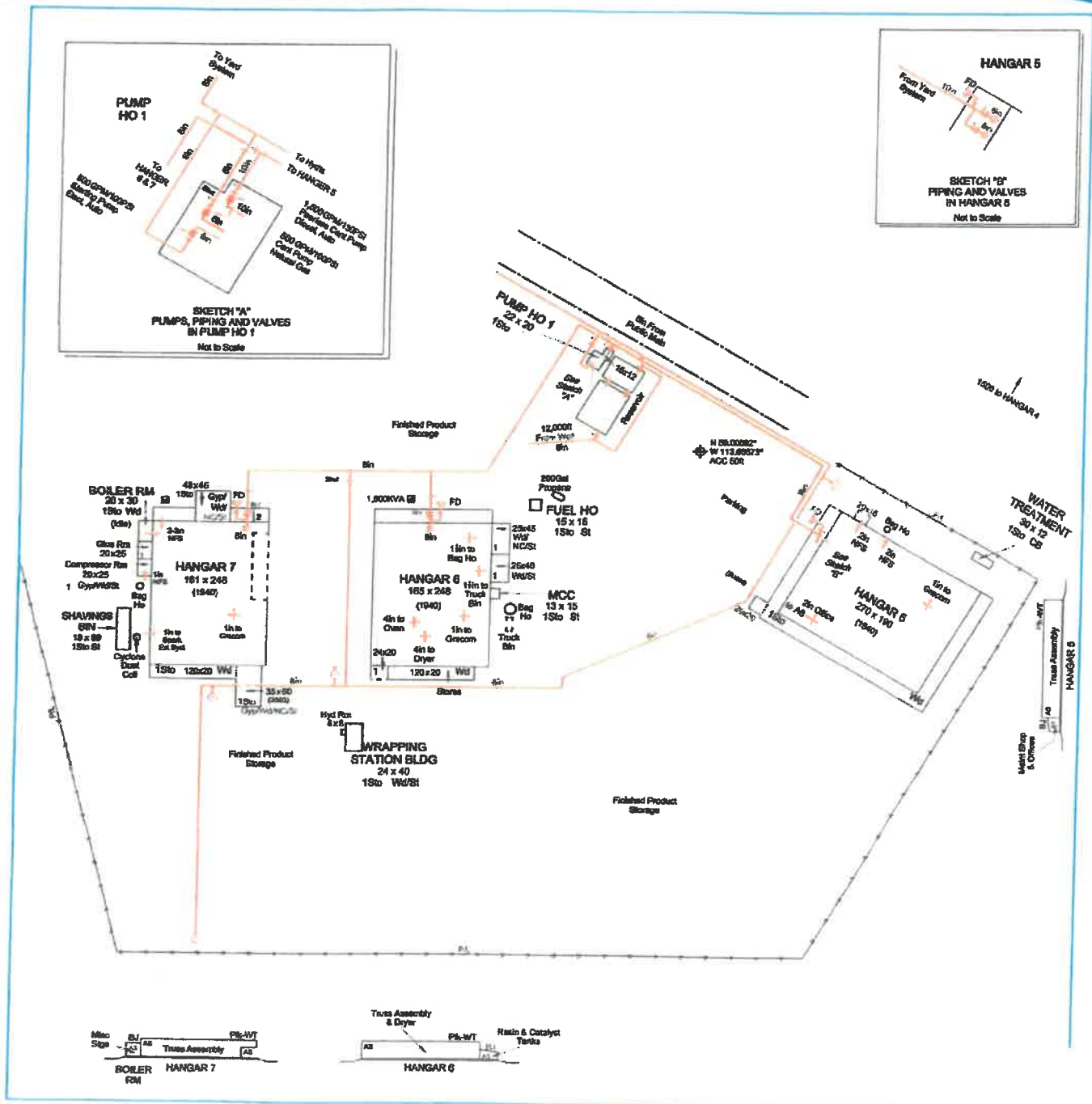


# BUILDING 3 INDUSTRIAL AIRPORT

## Site Plan



### Site Plan - Water Line Layout

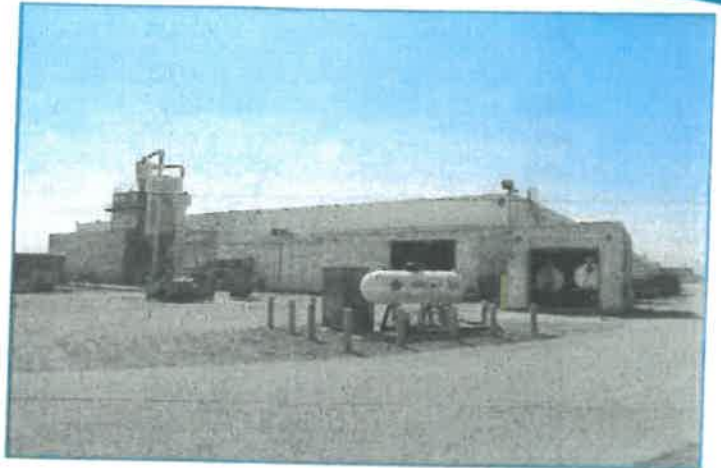


## BUILDING 3 INDUSTRIAL AIRPORT

### Building 3

#### **Comments:**

- ◆ Building is approximately 43,320 square feet.
- ◆ Building has 3 offices with a total area of 380 square feet.
- ◆ Built in 1941
- ◆ Sprinklered
- ◆ Building is insulated.
- ◆ Metal Halide Lighting
- ◆ 18'3" Clear Height
- ◆ 1 Drive in loading door (16' H x 18' W).
- ◆ Forced air and radiant heating
- ◆ Dust collection system with bag house.
- ◆ 2 compressors and air dryer (to be left with building).
- ◆ Building has 2 crane systems (12,000 lbs each).
- ◆ Cranes have 15' clear hook height.
- ◆ One service of 1600 Amps at 480 Volts (1000 KVA).





Candeco Lava Products Inc.

## Strategic Overview





# Disclaimer & Notice to Reader:



The information set forth herein is believed by Candeo Lava Products Inc. (“Candeo”) to be accurate and reliable. However, it must be recognized that predictions and projections of Candeo’s future performance expectations have been prepared by senior management based on their knowledge and experience. The purpose of this information is only to describe the business of Candeo for its own INTERNAL USE AND IS NOT FOR COPY. Copies of this document and other more detailed financial information are available upon request .

No Securities Commission, Securities Exchange or similar regulatory authority in Canada or the United States has reviewed or passed upon the merits of an investment in Candeo. The information contained herein does not constitute, nor should it be construed as solicitation or a public offering of securities. Prospective investors should carefully consider the inherent risk factors involved in an investment in shares of Candeo. Success of Candeo is dependent on certain key personnel and while changes in those personnel are not contemplated, the loss of services of any key personnel or their replacement by individuals not similarly qualified could have an adverse impact on Candeo’s performance.

While conservation and other measures may mitigate concerns, the operations of Candeo are inextricably dependent upon the development of value-added agricultural products. Annual sales as reflected in the Revenue Projections Expectations are adequate to sustain the operation while meeting all debt service requirements. The forecasts and projection expectations included herein, and the results of the operation to be achieved in the forecast projected periods, will vary principally based upon sales achieved. While management anticipates sales at the levels projected, the assumptions may not occur and the actual sales may vary from those estimated.

This presentation and accompanying commentary may contain forward looking statements that are based on current expectations, forecasts and assumptions that include risks and uncertainties that could cause actual outcomes to differ materially. These risks and uncertainties include but are not limited to pricing competition, reliance on major customers, customer demand for our products, control costs and expenses, international growth, general industry and market conditions and growth rates, commodity prices and yields, production rates, and general domestic and international economic conditions including interest rate and currency exchange rate fluctuations.

## About Candeo



**Candeo Growth Solutions Inc. (“Candeo” or the “Company”) is a private Calgary, Alberta, Canada technology company specializing in development and manufacturing of all natural mineral and plant waste mixture, which create value-added soil renewal products for Canadian Agricultural Industry.**



# Candeco's U.S. Counterpart Relationship



Advanced Materials Processing Inc. (AMP) is a private technology company, located in Morgan Hill, CA (35 Km south of San Jose).

AMP specializes in the ecological processing of rock powder waste into a low cost feedstock that is rich in organic micro-nutrients for soil.

AMP has developed:

The blending of recycled mine tailings feedstock (PoweRoc™), with abundantly available bio-mass, has created a highly mineralized and nutrient-rich organic soil rejuvenation product (BioRoc™), which:

- i) Increases harvest yields up to 50% (depending on the plant matrix);
- ii) Reduces plant water requirements by 40%;
- iii) Eliminates the need for any organic or synthetic fertilizers; and
- iv) Resulting products are California and U.S. “Organically Certified”.

# The Candeo/AMP Exclusive Agreement



Candeo and AMP have agreed that:

1. Candeo will provide its global operational, marketing and funding expertise to assist in initiating AMP's first major commercial project of recycling two million tons of mine tailings waste, situated inside the boundaries of Plymouth, CA, located 55 Km east of Sacramento, CA.
2. AMP has granted Candeo the Exclusive Canadian Licensing Rights to its two IP technologies.
3. Candeo also has the Exclusive Canadian Marketing and Distribution Rights for AMP's organic soil rejuvenation products, including:
  - i) PoweRoc™ - used for long term micro-nutrient release;
  - ii) BioRoc™ - used for short to immediate term micro-nutrient release; and
  - iii) RocTea™ - used for immediate accelerator of micro-nutrient release.



## AMP's Nutrient-Rich Soil Products:

- Blending Formulation of Crushed Minerals With Bio-Mass Growing Medium



# By-Product of Mineral Production



In the processing of recycling mineral powder waste, a value-added organic Agricultural product is created, which is nutrient-rich rock mineral powder (PoweRoc™) that rejuvenates soils.

Environmentally Sound Nutrient-Rich Mineral Blend for Soils:

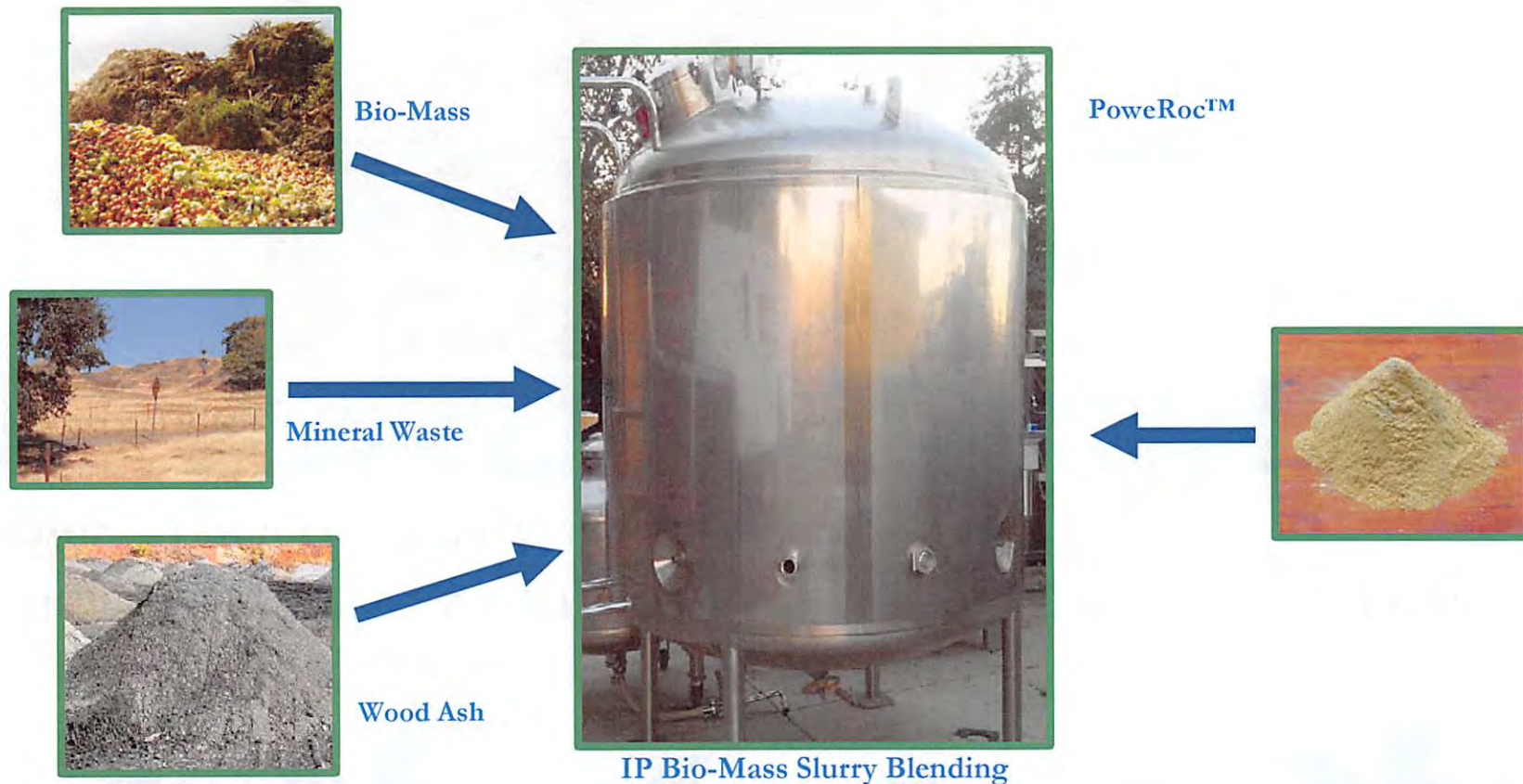


PoweRoc™

# Nutrient-Rich Organic Fertilizer



Blending readily available “bio-waste” with PoweRoc™ creates a nutrient-rich organic growing medium (BioRoc™), without expensive energy consumption or the need for expensive raw materials.





# Maximum Value Organic Products



The products of AMP's IP process return biological nutrients to the soil, stimulating healthy and vibrant plant growth, while at the same time saving energy and natural resources, and eliminating the need for costly organic or synthetic fertilizers.



BioRoc™



RocTea™



IP Bio-Mass Slurry Blending

# Raw Material Feedstock Supply



Million tons of mine tailings waste has been made available (at little or no cost). The proven blends PoweRoc™ with Bio-Mass creating an organically mineralized, nutrient-rich soil rejuvenation product (BioRoc™).

Massive Amounts of Nutrient-Rich PoweRoc™ is Created for Soil Renewal:





# AMP's Supply Chain of Revenue Sources



Mineral Waste



PoweRoc™



Bio-Mass



RocTea™



BioRoc™



Slurry Blending





# Candeo Revenue Sources



As a result, Candeo will have three (3) sources of revenues from multiple operational facilities:

1. PoweRoc™



2. BioRoc™



3. RocTea™



# AMP's Maximum Value Organic Products



## PoweRoc™

This product is a blend of several different nutritious mineral-rich Rock Powders finely ground into dust. This creates a nutrient-rich plant, vegetable, and tree food. PoweRoc™ is guaranteed to be 100% natural with no added ingredients. It should be added to your garden in the fall, along with compost, and turned into the soil. This creates strong, active soil for robust and vigorous plants.

## BioRoc™

This product is a blend of several different nutritious mineral-rich “Rock Powders” and green plant waste. This is converted into a nutrient-rich plant, vegetable, and tree food. It is 100% natural with no added ingredients. It should be mixed into your garden in the early spring, two weeks before planting, and then mixed into your soil several times throughout the growing season. Nutrients are immediately available to help grow vigorous, robust plants and trees.

## RocTea™

This product is produced by separating out the solid particles from the liquid slurry during the Bio-Mass blending process. It can be used on its own as a nutrient-rich plant, vegetable and tree food, or together with the PoweRoc™ or BioRoc™ as a nutrient “accelerator” to immediately help grow vigorous, robust plants and trees.

## AMP's IP Economic & Environmental Impact



1. Recycled bi-products are organically certified and create sustainable farming.
2. Increases crop production yields dramatically.
3. Decreases water consumption and completely eliminates the need for organic or synthetic fertilizer.
4. Cleans the water table and farm runoff to rivers & oceans caused by synthetic fertilizers.
5. Makes unusable land available for development after reclamation.
6. Produces nutrient-rich organic fruits and vegetables for improved health of consumers.





## Validated 3<sup>rd</sup> Party Demo-Trials:

- Commercial Almond Orchard
- Cannabis Plants

# Commercial Almond Orchard Validation Trial



- James J. Stevinson Corporate Farms is a premiere name in CA agricultural circles.
- Since the mid-1850's, Stevinson began controlling the water rights to 8-counties, which represents 10 million acres (25%) of California's prime farmland.
- From Oct. 2016 to Oct. 2017, Stevinson commissioned and paid for a 7-acre Almond Orchard demo-trial.

AMP's IP has been Validated by the Stevinson Farms Almond Orchard Demo-Trial :

- 1. Two tons per acre of a PoweRoc™/BioRoc™ blend were applied and then sprayed with RocTea™ at a cost of \$500 per acre.
- 2. Operating costs per acre were reduced by 40% less water-usage and NO synthetic fertilizers were used.
- 3. The Almond yield went from 1,200 lbs per acre to 2,400 lbs, an increase of 100%.
- 4. At \$3.00/lb, the net per acre increase was \$3,600 totaling a \$25,200 increase on the 7-acre orchard section.
- 5. Due to the successful trial results, Stevinson Farms requested and was given the distribution rights for the products in 8 California counties totaling 10 million acres.



# Dramatic Almond Orchard Trial Results



The **ONLY** difference between these two photographs of the Stevinson Farms Almond orchard trial is that the picture on the left had a biomineral blend of PoweRoc™/BioRoc™ and sprayed with RocTea™, while the photo on the right was taken at the same time and date on an adjacent section of the same orchard.





# Commercial Cannabis Validation Trial



Cannabis plant trials produced significantly higher yield, increased quality of oils and edibles, using less water requirements and no organic fertilizers. The 50/50 blend of PoweRoc™/BioRoc™ produced a better product at LESS cost per pound (the operating number) than is available anywhere else in the market place.

PoweRoc™/BioRoc™ Blend Increased the Cannabinoid Values by Up to 44%:



Internal Validation Resulted in a 25% Yield Increase and 44% Increase in Cannabinoids Lab Tests



Commissioned 3<sup>rd</sup> Party Demo-Trial Using Hydroponic vs. PoweRoc™/BioRoc™ Blend



# Candeo Senior Team



## Board of Directors:

### William (Bill) Hogan, ICD.D, Chairman of the Board

Bill Hogan has over 31 years experience in the areas of development, financing and strategic planning for startup and growth level companies. He has held several senior management positions at the chairman, chief executive officer and president levels for several companies. Mr. Hogan's public company experience includes senior officer and board of director positions in diverse industries. His corporate structure skills with private and public companies include several successful transactions by acquisition, reverse takeovers and joint ventures. Mr. Hogan holds the Directors' Financial Literacy Program from the Institute of Corporate Directors (ICD) and the designation of ICD.D. Mr. Hogan is currently President & CEO, Director of FoodChek Systems Inc.

### Robert J. Iverach, QC, ICD.D, President and Director

Bob Iverach earned a Bachelor of Arts from the University of Calgary, Bachelor of Law from the University of Alberta, Masters of Law from the London School of Economics, and was awarded the honorary distinction of Queen's Counsel (Q.C.). He was a Founding Partner of Felesky Flynn LLP, a taxation law firm in Calgary and Edmonton, Alberta, from which he retired in 2005 after 28 years. Mr. Iverach is currently a Director and Chairman of the Board of PetroFrontier Corp., a Director of several public and private corporations and Counsel with Burstall LLP (a securities and corporate law firm in Calgary, Alberta). He holds the designation of ICD.D from the Institute of Corporate Directors (ICD) and is an examiner for its Directors' Education Program.

### The Honourable Charlie Mayer, P.C., Director

The Honourable Charlie Mayer brings to the Corporation an outstanding and distinguished political background with the Canadian Government as a Member of Parliament with portfolio appointments, which include Minister of Western Economic Diversification; Minister of State - Grains & Oilseeds; Minister of State - Canadian Wheat Board; and Minister of Agriculture. Mr. Mayer was inducted into the prestigious Canadian Agricultural Hall of Fame in November 2005. Charlie is a Director of FoodChek Systems Inc., a former Chairman of the Board of Agronix Inc. and Teilhard Inc. Charlie was also a former Director of Canada Bread Company Limited and CARE Canada.

## Key Executive Management:

### Robert J. Iverach – President, Director

### Lindsay Young, Ex VP, Operations & Product Development

Lindsay Young has over 29 years of background experience in marketing, sales, transportation and distribution related to cementitious products. Mr. Young spent 25 years with Lafarge Canada Inc., holding the positions of Major Market Manager in Alberta, as well as Distribution Manager for Lafarge's Western Region. This was followed by several years with the United States based Ash Grove Cement, in charge of Canadian Sales and logistics. Mr. Young is also Managing Director of Colexky Ventures Ltd. which distributes concrete admixture products and concrete repair products and services throughout Alberta and British Columbia. Lindsay's background and technical experience will enable him to provide Candeo with invaluable operational and logistic experience to mirror AMP's U.S. operations in Canada. Mr. Young has a Bachelor of Arts (Public Administration) from the University of Saskatchewan.



# AMP Senior Team



## Board of Directors:

### Dennis Amoroso, President

Dennis Amoroso was a member of the US Air Force Technical Instructor Academy, where he gained education and experience in strategic planning and operations as a Technical Instructor in TAC, Fighter Jet Weapons Systems Tech School. Mr. Amoroso has successfully designed, developed, and patented military grade products, successfully organized the AMP and VCGC executive teams and managed the development of the technology. Dennis spent twelve years researching the mine waste opportunity, including discussions with the California Department of Conservation and the Abandoned Mine Lands Unit, prior to working on the development of the business model.

### Dr. Leonard Nanis, Chief Technical Officer

Dr. Leonard (Len) Nanis brings both academic and business credentials. Dr. Nanis is a graduate of MIT Metallurgy and of Columbia University School of Mines. Len has served as Professor in Chemical Engineering at the University of Pennsylvania and in Materials Science at Stanford. On the business side, Dr. Nanis is a founder of Seagate Magnetics (data storage) and also of TruFocus (X-ray tubes). Len has been a consultant to major Silicon Valley companies in the fields of semiconductor technology and medical devices. His patents and technical publications cover a variety of topics, including memory devices, semiconductor testing, vacuum coating technology, electroplating, and materials for solar energy.

### Keith Jolly, Chief Financial Officer, Director

Keith Jolly, MBA, has had a professional career in banking and as a director for several start-ups in Silicon Valley. Mr. Jolly has worked as a technical consultant and project manager for software companies including owning and operating a subscription based online organization. Keith also has a decade of background and experience with environmental projects focusing on finance and management to achieve successful goals through sound financial planning.

### James Booth, Director

### James Shumard, Director

### Jeff Barnes, Director

## Key Executive Management:

### Dennis Amoroso, President, Director

### Dr. Leonard Nanis, Chief Technical Officer, Director

### Keith Jolly, Chief Financial Officer, Director



# Conclusion



1. AMP's proven "disruptive" IP benefits include:
  - i) Environmentally safe removal of heavy and precious metals from mine tailings waste;
  - ii) Blending formulation of refined mine tailings with "bio-mass" to create organically certified, nutrient-rich soil rejuvenation products;
  - iii) Increases Agricultural harvest yields while reducing water requirements and eliminating the need for organic and synthetic fertilizers.
2. Hundreds of millions of tons of mine tailings waste feedstock is readily accessible to supply the huge demand for organic products from CA's 400 million acres of farmland.
3. Several sources of net revenues from:
  - i) Sales of precious metals;
  - ii) Commercial/retail product sales from crop farms, nurseries and big box stores; and
  - iii) Reclaimed development land.
4. Outstanding Private Placement offering terms with low entry Share Price of C\$0.50 and 1.5 times investment Royalty Interest return from net revenues, expected in near term.
5. Amp's first major commercial project at Plymouth, CA will provide synergy, technical benefits and knowledge to enhance Candeco's Canadian Exclusive Licensing Rights.



# Thank you

We Welcome Your Questions and Comments at This Time

Robert Iverach, QC, Ex. VP  
Candeo Growth Solutions Inc.

William J. Hogan, Chairman  
Candeo Lava Products Inc.



# Candeo Growth Solutions Inc.

Annual General Meeting

February 21, 2019



2019 Strategic Corporate Report



## Disclaimer & Notice to Reader

The information set forth herein is believed by Candeo Growth Solutions Inc. ("Candeo") to be accurate and reliable. However, it must be recognized that predictions and projections of Candeo's future performance expectations have been prepared by senior management based on their knowledge and experience. The purpose of this information is only to describe the business of Candeo for its own INTERNAL USE AND IS NOT FOR COPY. Copies of this document and other more detailed financial information are available upon request.

No Securities Commission, Securities Exchange or similar regulatory authority in Canada or the United States has reviewed or passed upon the merits of an investment in Candeo. The information contained herein does not constitute, nor should it be construed as solicitation or a public offering of securities. Prospective investors should carefully consider the inherent risk factors involved in an investment in shares of Candeo. Success of Candeo is dependent on certain key personnel and while changes in those personnel are not contemplated, the loss of services of any key personnel or their replacement by individuals not similarly qualified could have an adverse impact on Candeo's performance.

While conservation and other measures may mitigate concerns, the operations of Candeo are inextricably dependent upon the development of value-added agricultural products. Annual sales as reflected in the Revenue Projections Expectations are adequate to sustain the operation while meeting all debt service requirements. The forecasts and projection expectations included herein, and the results of the operation to be achieved in the forecast projected periods, will vary principally based upon sales achieved. While management anticipates sales at the levels projected, the assumptions may not occur and the actual sales may vary from those estimated.

This presentation and accompanying commentary may contain forward looking statements that are based on current expectations, forecasts and assumptions that include risks and uncertainties that could cause actual outcomes to differ materially. These risks and uncertainties include but are not limited to pricing competition, reliance on major customers, customer demand for our products, control costs and expenses, international growth, general industry and market conditions and growth rates, commodity prices and yields, production rates, and general domestic and international economic conditions including interest rate and currency exchange rate fluctuations.



Natures' Solution



# Table of Contents

1. Executive Summary
2. All-Natural Growth Medium (“ANGM”)
3. U.S. Demo-Trials
4. ANGM Summary
5. Appendix





# **1. Executive Summary**

## Executive Summary

*The earth has given us life. We will give life back to the earth — smartly, responsibly, effectively and, of course, naturally.*

- We are a private Calgary, Alberta based agricultural technology company specializing in the formulation of All-Natural Growth Medium Blends (“ANGM”) for soils.
- Essentially, our products replace active bacterial life back to the soils.
- To better understanding how nutrient-rich soil life dramatically effects soil health and subsequent plant harvests yields, click this video link:

<https://www.youtube.com/watch?v=-dhdUoK7s2s>



Natures' Solution



## Executive Summary....continued

### Nature's Solution

Candeo offers unparalleled opportunity in the economic and environmental spheres for plant life and its growers, by offering an all natural, nutrient-rich yielding solution.

### WHAT DOES THIS MEAN?

- Improved harvest yields.
- Reduction costs in water use and no synthetic fertilizers.
- Generate nutrient-dense vegetables, fruits and grains.



Natures' Solution



## Executive Summary....continued

### IP Transfer

On March 17, 2018, Candeo signed an Exclusive Canadian Licensing Rights Agreement (“CDN Licensing Rights”) with Applied Materials Processing Inc. (“AMP”) of Morgan Hill, California, to transfer their IP natural soil blending solutions.

### Candeo’s ANGM blends contain a wide spectrum of:

1. Nutrient-rich minerals;
2. Mixed together through a process of specifically formulated natural soil essentials;
3. Blended with a bio-mass slurry (decaying plant matter).

### The Result

We have the ability to process abundant amounts of low-cost, all natural, soil blending solutions, which result in healthy, nutrient-dense plants.



Natures' Solution



## Executive Summary....continued

- Over the last two years, AMP conducted several positive demo-trails in California, which successfully demonstrated that their IP soil blending mixtures are a foremost agricultural innovation.
- Candeo is following in AMP's footprints and has begun or about to begin developing it's ANGM soil blends for demo-trial validations, which are specifically tailored for the entire Canadian agriculture sector, including:
  - i) Cannabis plants;
  - ii) Hemp crops;
  - iii) Golf courses; and
  - iv) Green house vegetables.
- Significant sources of revenue are expected from ANGM's product line, NaturaTerra™ Growth Medium and Growth Accelerator through both commercial and retail sales.



Natures' Solution



## **2. All-Natural Growth Medium**

**“ANGM”**

## ANGM Process....continued

In Canada, numerous rock quarries and abandoned mine sites contain millions of tons of wide-ranging, geological minerals, which supplies Candeo with low-cost mineral feedstock.

The ANGM IP process involves a unique three-step procedure:

1. Mineral feedstock is crushed into rock powder;
2. Rock powder is combined with several all natural specific minerals and soil essentials in a precisely formulated IP mixture blend; and
3. The formulated blend then undergoes a precisely controlled anaerobic slurry process combined with readily available decaying bio-mass (plant waste).

The resulting ANGM blends is to be known as NaturaTerra™ Growth Medium.

Candeo is currently setting up its first commercial processing facility in Alberta, Canada to produce several ANGM soil blends.



Natures' Solution



## ANGM Process....continued



Decaying Plant Matter  
(Fruits/Vegetables)  
Bio-Mass



Wood Ash, Compost,  
And Soil Essentials



Bio-Mass IP Slurry  
Blending

Rock Powder



## ANGM Process....continued

NaturaTerra™ Products



NaturaTerra™  
Growth Medium



NaturaTerra™  
Growth Accelerator



Bio-Mass IP Slurry  
Blending

Input Ingredients

Rock Powder



Wood Ash, Compost  
And Soil Essentials



Other  
Natural Matter



Natures' Solution



### **3. U.S. Demo-Trials**

**Validating the ANGM Process**



## U.S. Demo-Trials – Applied Materials Processing Inc. Almond Orchard

James J. Stevinson Corporate Farms, California:

- Stevinson Corporate Farms is a premiere name in CA agricultural circles.
- From Oct. 2016 to Oct. 2017, Stevinson Farms commissioned a 7-acre Almond Orchard demo-trial.
- Two tons per acre of AMP's IP *Mineral BioRoc™* (NaturaTerra™ Growth Medium) Blending Formula were applied and then sprayed with their *RocTea™* (NaturaTerra™ Growth Accelerator) at a cost of \$500 per acre.
- Operating water costs per acre were reduced by 40% and NO expensive organic or synthetic fertilizers were used.
- The 2018 Almond yield increased 100% from 1,200 lbs to 2,400 lbs per acre.
- At \$3.00/lb, the net Almond meat increase per acre equaled \$3,600, with a significant total increase of \$25,200 for the 7-acre Almond Orchard section.



Natures' Solution

## U.S. Demo-Trials – Applied Materials Processing Inc.....continued

### Almond Orchard

James J. Stevinson Corporate Farms, California - Almond Orchard:



**"WITHOUT"**  
Treatment of ANGM Blends



**"WITH"**  
Treatment of ANGM BLENDS & LIQUID ACCELERATOR



Natures' Solution



# U.S. Demo-Trials – Applied Materials Processing Inc.

## Cannabis Plants



Internal Laboratory Validation Resulted in a  
25% Yield Increase and  
44% Increase in Cannabinoid Number



Commissioned 3<sup>rd</sup> Party Demo-Trial  
Using Hydroponic (on left) vs.  
Special Cannabis Mineral Blend (on right)



Natures' Solution





## 4. ANGM Summary

## 6. ANGM Summary

- Abundantly available cost-effective, mineral feedstock.
- Processed ANGM soil blends are 100% naturally certified.
- Significantly increases plant yields from 25% up to 100% (depending on matrix) while decreasing water consumption by up to 40% and eliminating the need to use synthetic fertilizers.
- Cleans the water table and farm runoff to bodies of water caused by synthetic fertilizers.
- The IP formulation combines nutrient-rich minerals, natural soil essentials and plant waste resulting in the rejuvenation of the soil to produce healthy, robust and disease-free plants.



Natures' Solution





## 6. ANGM Summary....continued

- Produces nutrient-dense fruits, vegetables and crops for improved health of consumers.
- Significant sources of revenue are expected from ANGM's product line.
- Candeo's product line will consist of two main products:
  - i) NaturaTerra™ Growth Medium; and
  - ii) NaturaTerra™ Growth Accelerator.
- To recap how nutrient-rich soil life dramatically effects soil health and subsequent plant harvests yields, click this video link:  
<https://www.youtube.com/watch?v=-dhdUoK7s2s>



Natures' Solution







## 5. Appendix

- Global Agricultural Concerns
- SRO Investment Opportunity Details
  - Senior Management Team



- **Global Agricultural Concerns**

## Global Agricultural Concerns

- United Nations World Food Program states feeding a global population projected to reach 9 billion by 2050 requires a farm production increase by 70% to 100%.
- At the same time that more food is needed, our resources of farmland and water are becoming limited.
- According to USDA studies, vegetables and fruits have lost their nutrient value by 80% and 72% respectively over the last 100 years.
- For the earth to prosper and mankind to thrive, soils **MUST** contain a full balance of biomineral rich-nutrients.



## Global Agricultural Concerns....continued

- Live nutrient-rich soil is the KEY to growing healthy, yield-increasing and disease resistant plants.
- Mother Nature created nutrient-rich bacteria soils for a healthy plant growing environment.
- But unnatural, synthesized solutions have historically reduced the soil's bacterial action that shuts down it's ability to grow nutrient-dense plants.
- Candeo's all natural plant growth solutions mirror what Mother Nature created and will reverse what unnatural synthetic fertilizers have heaped on the world's arable farmland.



Natures' Solution



- **Senior Management Team**

# Senior Management Team

## Board of Directors:

### William (Bill) Hogan, ICD.D, Chairman of the Board

Bill Hogan has over 31 years experience in the areas of development, financing and strategic planning for start-up and growth level companies. Mr. Hogan has held several senior management positions at the chairman, chief executive officer and president levels for several companies in diverse industries. His corporate structure skills with private and public companies include several successful transactions by acquisition, reverse takeovers and joint ventures. Mr. Hogan holds the Directors' Financial Literacy Program from the Institute of Corporate Directors (ICD) and the designation of ICD.D. He is currently President & CEO, Director of FoodChek Systems Inc., a global food safety pathogen testing manufacturer.

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Natures' Solution





# Thank you

**We welcome your questions and comments at this time.**

**Lindsay Young, President  
Candeo Growth Solutions Inc.**

**Email:**

CANDEO





# Brand Positioning

clearmotive<sup>•</sup>

Feb 14, 2019



# Agenda.

-  Sub-descriptor
-  Positioning/Magna Carta
-  Tagline/Battle Cry
-  Next Steps



Our goal is to position Candeo in a way that takes full advantage of its unique selling proposition based on features but, most importantly, benefits targeted to the brand's pertinent market.



**Sub-descriptor**

# All Natural Growth Medium





The image shows a VU Applause Meter, which is a semi-circular scale ranging from 0 to 10. The scale is marked with numbers 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, and 10. A needle is positioned at approximately 7.5. The meter is labeled "VU" and "APPLAUSE METER".

# Positioning



“Teach your children what we have taught our children, that the earth is our mother. Whatever befalls the earth befalls the sons of the earth. If men spit upon the ground, they spit upon themselves.

This we know: the earth does not belong to man – man belongs to the earth. This we know. All things are connected like the blood that unites one’s family. All things are connected.”

- *Chief Seattle*

## POSITIONING

The earth has given us life. We will give life back to the earth —  
smartly, responsibly, effectively and, of course, naturally.



## POSITIONING

We will position Candeo as *the* responsible steward for the earth and staunch ally to those who are the direct stewards of the earth — the farmers and growers. Chief Seattle's eminent letter is a great underpinning for the values that Candeo can champion. Trumpeting an environmentally responsible solution can easily go hand-in-hand with the economically responsible solution that Candeo will provide. It is good, viable sense, grounded in long-term thinking. The business world's attention to the triple bottom line, People, Planet and Profit, gives us an apt lane to navigate (reference: [https://en.wikipedia.org/wiki/Triple\\_bottom\\_line](https://en.wikipedia.org/wiki/Triple_bottom_line)). We will articulate the brand position as such: Candeo offers unparalleled viability in the economic and environmental sphere for plant life and its growers by offering a natural, nutrient-rich yielding solution.

## POSITIONING

The earth in every way, shape, and form sustains us. And not only does it sustain mankind, it provides for all living things. Just as people do, plant life, and all vegetation, require a healthy, robust environment that can serve to sustain life in the long term. Now, it is our responsibility to care for the earth just as it has cared for us all along. Candeo takes this responsibility sincerely and understands that there is a better way to ensure hearty, previously unseen nutrient-rich yields for plant life while not compromising the integrity of the earth. Beyond that, we look to solutions that will improve the earth and reverse the damage that unnatural, synthesized solutions have heaped upon this world. We offer a natural solution that is from the earth and for the earth. Therefore, our mission is to help the earth, help farmers and help grow something important. And we know we can do this both while saving the earth and creating savings for the stewards of the earth.



# Magna Carta



## MAGNA CARTA

We are dependant on the earth for our survival and well-being. In every way, shape, and form it sustains us. And not only does it sustain mankind, it provides for all living things. Just as people do, plant life and all vegetation, require a healthy, robust environment that can serve to nurture life in the long term. Now, it is our responsibility to care for the earth just as it has cared for us all along — with respect and abundance. Candeo takes this responsibility sincerely and understands that there is a better way to ensure hearty, previously unseen nutrient-rich yields for plant life while not compromising the integrity of the earth we stand on.

## MAGNA CARTA

Beyond that, we look to answers that will improve and reverse the damage that unnatural, synthesized solutions have heaped upon this world. We offer a natural solution that is from the earth and for the earth. Therefore, our mission is to help the earth, help farmers and help grow something important. And we know we can do this both while saving the earth and creating savings for the stewards of the earth. We are dedicated to providing a natural solution to the age-old quest to ensure that plant life thrives and grows in a vigorous, healthy way — a way that the earth has always provided when it was unspoiled by man-made formulas. Ultimately, we believe that the earth knows best. Time has proven this and that is what Candeo is about – providing nature's best solution.



**Tagline/Battle Cry**



## Nature's Solution