The Alberta Gazette

Part I

Vol. 102 Edmonton, Friday, September 15, 2006 No. 17

PROCLAMATION

[GREAT SEAL]
CANADA
PROVINCE OF ALBERTA Norman Kwong, *Lieutenant Governor.*

ELIZABETH THE SECOND, by the Grace of God, of the United Kingdom, Canada, and Her Other Realms and Territories, **QUEEN**, Head of the Commonwealth, Defender of the Faith

P R O C L A M A T I O N

To all to Whom these Presents shall come

G R E E T I N G

Terrence (Terry) Matchett, *Deputy Minister of Justice and Deputy Attorney General*

WHEREAS section 35 of the Traffic Safety Amendment Act, 2005 provides that that Act comes into force on Proclamation; and

WHEREAS it is expedient to proclaim sections 2(b) and 18(b) of the Traffic Safety Amendment Act, 2005 in force:

NOW KNOW YE THAT by and with the advice and consent of Our Executive Council of Our Province of Alberta, by virtue of the provisions of the said Act hereinbefore referred to and of all other power and authority whatsoever in Us vested in that behalf, We have ordered and declared and do hereby proclaim sections 2(b) and 18(b) of the Traffic Safety Amendment Act, 2005 in force on January 1, 2007.

IN TESTIMONY WHEREOF We have caused these Our Letters to be made Patent and the Great Seal of Our Province of Alberta to be hereunto affixed.

WITNESS: THE HONOURABLE NORMAN L. KWONG, Lieutenant Governor of Our Province of Alberta, in Our City of Edmonton in Our Province of Alberta, this 23 day of August in the Year of Our Lord Two Thousand Six and in the Fifty-fifth Year of Our Reign.

BY COMMAND Ron Stevens, *Provincial Secretary.*

ORDERS IN COUNCIL

O.C. 406/2006

(Municipal Government Act)

Approved and ordered:
Norman Kwong
Lieutenant Governor. August 23, 2006

The Lieutenant Governor in Council

(a) effective July 1, 2006, the land described in Appendix A and shown on the sketch in Appendix B is separated from Sturgeon County and annexed to the Town of Gibbons,

(b) any taxes owing to Sturgeon County at the end of June 30, 2006 in respect of the annexed land are transferred to and become payable to the Town of Gibbons together with any lawful penalties and costs levied in respect of those taxes, and the Town of Gibbons upon collecting those taxes, penalties and costs must pay them to Sturgeon County, and

(c) the assessor for the Town of Gibbons must assess, for the purposes of taxation in 2007 and subsequent years, the annexed land and the assessable improvements to it,

and makes the Order in Appendix C.

Ralph Klein, Chair.

APPENDIX A

DETAILED DESCRIPTION OF THE LANDS SEPARATED FROM STURGEON COUNTY AND ANNEXED TO THE TOWN OF GIBBONS

THAT PORTION OF THE SOUTHWEST QUARTER OF SECTION TEN (10), TOWNSHIP FIFTY-SIX (56), RANGE TWENTY-THREE (23) WEST OF THE FOURTH MERIDIAN LYING WEST OF THE RIGHT BANK OF THE STURGEON RIVER, CONTAINING 36.3 HECTARES (89.9 ACRES) MORE OR LESS.

THAT PORTION OF THE NORTHWEST QUARTER OF SECTION TEN (10), TOWNSHIP FIFTY-SIX (56), RANGE TWENTY-THREE (23) WEST OF THE FOURTH MERIDIAN LYING WEST OF THE RIGHT BANK OF THE STURGEON RIVER AND SOUTH OF ROAD PLANS 922 2076 AND 2073 JY, CONTAINING 52.6 HECTARES (130 ACRES) MORE OR LESS INCLUDING THAT PORTION OF THE EAST-WEST ROAD ALLOWANCE ABUTTING THE NORTHERN BOUNDARY OF SAID QUARTER SECTION LYING SOUTH OF ROAD PLAN 922 2076.

THAT PORTION OF THE SOUTHWEST QUARTER OF SECTION FIFTEEN (15), TOWNSHIP FIFTY-SIX (56), RANGE TWENTY-THREE (23) WEST OF THE FOURTH MERIDIAN LYING EAST AND SOUTH OF ROAD PLANS 922 2076 AND 2073 JY, CONTAINING 2.3 HECTARES (5.68 ACRES) MORE OR LESS.

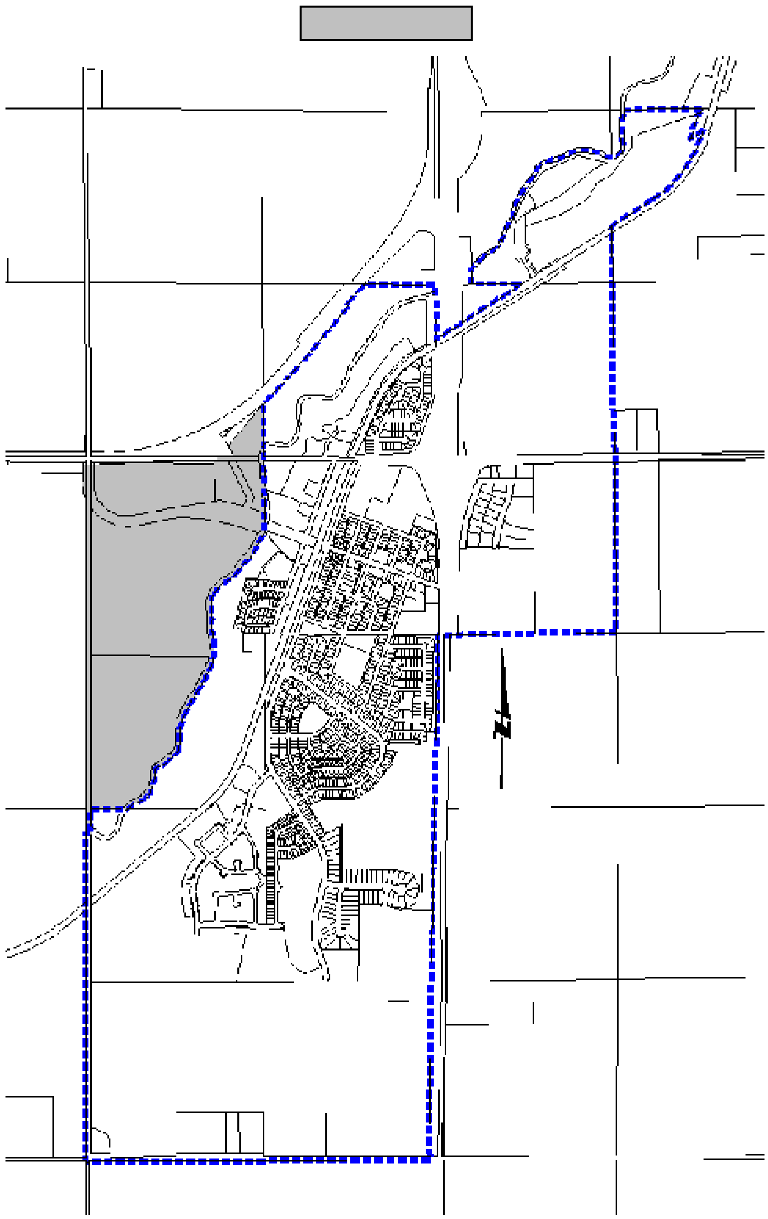
THAT PORTION OF ROAD PLAN 912 0230 EXTENDING INTO THE NORTHEAST QUARTER OF SECTION NINE (9), TOWNSHIP FIFTY-SIX (56), RANGE TWENTY-THREE (23) WEST OF THE FOURTH MERIDIAN, CONTAINING 0.35 HECTARES (0.87 ACRES) MORE OR LESS.

THAT PORTION OF THE NORTH-SOUTH ROAD ALLOWANCE ADJOINING THE WESTERN BOUNDARY OF THE WEST HALF OF SECTION TEN (10), TOWNSHIP FIFTY-SIX (56), RANGE TWENTY-THREE (23) WEST OF THE FOURTH MERIDIAN AND THAT PART OF THE NORTHWEST QUARTER OF SECTION THREE (3), TOWNSHIP FIFTY-SIX (56), RANGE TWENTY-THREE (23) WEST OF THE FOURTH MERIDIAN LYING NORTH OF THE RIGHT BANK OF THE STURGEON RIVER.

APPENDIX B

A SKETCH SHOWING THE GENERAL LOCATION OF THE AREA ANNEXED TO THE TOWN OF GIBBONS

AFFECTED AREA



APPENDIX C
ORDER

1 In this Order,

(a) "annexed land" means the land described in Appendix A and shown on the sketch in Appendix B,

(b) "Area A" means the land in the west half of section ten (10), township fifty-six (56), range twenty-three (23) west of the fourth meridian lying west of the right bank of the Sturgeon River and south of Road Plan 912 0230, and

(c) "Area B" means the land lying north of Road Plan 912 0230.

2 For taxation purposes in 2007 and subsequent years, the annexed land described as "Area A" and the assessable improvements to it must be assessed and taxed by the Town of Gibbons for the purposes of property taxes in the same manner as other property of the same assessment class in the Town of Gibbons is assessed and taxed.

3 For taxation purposes in 2007 and subsequent years up to and including 2026, the annexed land described as "Area B" and the assessable improvements to it

(a) must be assessed by the Town of Gibbons on the same basis as if they had remained in Sturgeon County, and

(b) must be taxed by the Town of Gibbons in respect of each assessment class that applies to the annexed land and the assessable improvements to it using the municipal tax rate established by Sturgeon County.

4 Where in any taxation year, a portion of the annexed land described as "Area B"

(a) becomes a new parcel of land created as a result of subdivision or separation of title by registered plan of subdivision or by instrument or any other method that occurs at the request of, or on behalf of, the landowner,

(b) is redesignated at the request of, or on behalf of the landowner under the Town of Gibbons' Land Use Bylaw to another designation,

(c) receives a permit from the Town of Gibbons for a development, or

(d) is connected to water and sewer services provided by the Town of Gibbons

section 3 ceases to apply at the end of that taxation year in respect of that portion of annexed land and the assessable improvements to it.

5 After section 3 ceases to apply to a portion of the annexed land in a taxation year, that portion of the annexed land and the assessable improvements to it must be

assessed and taxed for the purposes of property taxes in that year in the same manner as other property of the same assessment class in the Town of Gibbons is assessed and taxed.

O.C. 405/2006

(Municipal Government Act)

Approved and ordered:
Norman Kwong
Lieutenant Governor. August 23, 2006

The Lieutenant Governor in Council

(a) effective July 1, 2006, the land described in Appendix A and shown on the sketch in Appendix B is separated from The County of Grande Prairie No. 1 and annexed to the City of Grande Prairie,

(b) any taxes owing to The County of Grande Prairie No. 1 at the end of June 30, 2006 in respect of the annexed land are transferred to and become payable to the City of Grande Prairie together with any lawful penalties and costs levied in respect of those taxes, and the City of Grande Prairie upon collecting those taxes, penalties and costs must pay them to The County of Grande Prairie No. 1, and

(c) the assessor for the City of Grande Prairie must assess, for the purposes of taxation in 2007, the annexed land and the assessable improvements to it.

Ralph Klein, Chair.

APPENDIX A

DETAILED DESCRIPTION OF THE LANDS SEPARATED FROM THE COUNTY OF GRANDE PRAIRIE AND ANNEXED TO THE CITY OF GRANDE PRAIRIE

ALL THAT PORTION OF THE SOUTHWEST QUARTER OF SECTION SEVEN (7), TOWNSHIP SEVENTY-ONE (71), RANGE FIVE (5) WEST OF THE SIXTH MERIDIAN DESCRIBED AS:

RIGHT OF WAY AS SHOWN ON RAILWAY PLAN 5814NY
CONTAINING 11.76 HECTARES (29.05 ACRES) MORE OR LESS;

ROAD PLAN 4863TR
CONTAINING 3.26 HECTARES (8.06 ACRES) MORE OR LESS;

RAILWAY PLAN 952 0679
CONTAINING 3.238 HECTARES (8.00 ACRES) MORE OR LESS; AND

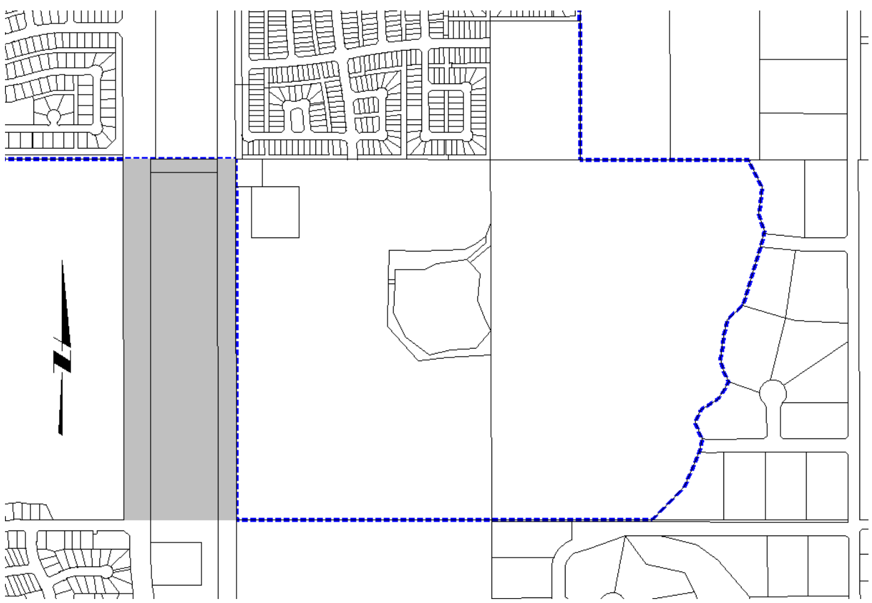
ROAD PLAN 952 3830
CONTAINING 0.459 HECTARES (1.14 ACRES) MORE OR LESS.

THAT PORTION OF THE GOVERNMENT ROAD ALLOWANCE ADJOINING THE WESTERN BOUNDARY OF SAID QUARTER SECTION.

APPENDIX B

A SKETCH SHOWING THE GENERAL LOCATION OF THE AREA ANNEXED TO THE CITY OF GRANDE PRAIRIE

AFFECTED AREA



GOVERNMENT NOTICES

Agriculture, Food and Rural Development

Form 15

(Irrigation Districts Act)
(Section 88)

Notice to Irrigation Secretariat:
Change of Area of an Irrigation District

On behalf of the **Western Irrigation District**, I hereby request that the Irrigation Secretariat forward a certified copy of this notice to the Registrar for Land Titles for the purposes of registration under Section 22 of the *Land Titles Act* and arrange for notice to be published in the Alberta Gazette.

The following parcels of land should be **added** to the irrigation district and the notation added to the certificate of title:

LINC Number	Short Legal Description as shown on title	Title Number
0022 317 986	SOUTHWEST 36-14-18-W4M	041 479 336

I certify the procedures required under part 4 of the *Irrigation Districts Act* have been completed and the area of the **Western Irrigation District** should be changed according to the above list.

Laurie Hodge, *Office Manager,*
Irrigation Secretariat.

Notice to Irrigation Secretariat:
Change of Area of an Irrigation District

On behalf of the **Western Irrigation District**, I hereby request that the Irrigation Secretariat forward a certified copy of this notice to the Registrar for Land Titles for the purposes of registration under Section 22 of the *Land Titles Act* and arrange for notice to be published in the Alberta Gazette.

The following parcels of land should be **removed** from the irrigation district and the notation removed from the certificate of title:

LINC Number	Short Legal Description as shown on title	Title Number
0025 104 704	4; 27; 23; 19; NW, NE	991 127 778

I certify the procedures required under part 4 of the *Irrigation Districts Act* have been completed and the area of the **Western Irrigation District** should be changed according to the above list.

Laurie Hodge, *Office Manager, Irrigation Secretariat.*

Energy

Unit Agreement

(Mines and Minerals Act)

Notice is hereby given, pursuant to section 102 of the Mines and Minerals Act, that the Minister of Energy on behalf of the Crown has executed counterparts of the agreement entitled "Unit Agreement – Castle River Unit Number 1" with respect to M5 R2 T006:30, and that the enlargement became effective on August 1, 2006.

Revision 2
Effective August 1, 2006
Unit Enlargement
Page 1 of 2

EXHIBIT "A" PART I

ATTACHED TO AND MADE PART OF THE UNIT AGREEMENT CASTLE RIVER UNIT NUMBER 1

Tract No.	Legal Description	Tract Participation Factor	Working Interest Owners	Royalty Owners	Lease
1	South Half (S/2) and North West Quarter (NW4 of Section Nine (9) in Township Six (6), Range Two (2), West of the Fifth Meridian (W5M)	5.3787%	Imperial Oil Resources 2.68935% Shell Canada Limited 2.68935%	The Estate of John Stafford Crighton	661
2, 5, 10	Legal Subdivision Nine (9), Fifteen (15) and Sixteen (16) of Section Nine (9) ; North Half (N/2), South East Quarter (SE/4) and Legal Subdivision Three (3), Five (5) and Six (6) of Section Sixteen (16); Legal Subdivision One (1) and Eight (8) of Section Twenty (20) in Township Six (6), Range Two (2), West of the Fifth Meridian (W5M)	2.8107%	Imperial Oil Resources 1.40535% Shell Canada Limited 1.40535%	The Crown in the right of the Province of Alberta	405A
3 and 4	Legal Subdivision Ten (10) of Section Nine (9) ; Legal Subdivision Four (4) of Section Sixteen (16) in Township Six (6), Range Two (2), West of the Fifth Meridian (W5M)	3.5791%	Imperial Oil Resources 1.78955% Shell Canada Limited 1.78955%	Monarch Holdings Ltd.	945
6	North Half (N/2) and South East Quarter (SE/4) of Section Seventeen (17) in Township Six (6), Range Two (2), West of the Fifth Meridian (W5M)	33.0003%	Imperial Oil Resources 16.50015% Shell Canada Limited 16.50015%	Monarch Holdings Ltd.	947
7	South West Quarter (SW/4) of Section Seventeen (17) in Township Six (6), Range Two (2), West of the Fifth Meridian (W5M)	1.4357%	Imperial Oil Resources 0.71785% Shell Canada Limited 0.71785%	The Crown in the right of the Province of Alberta	379A
8, 11	Section Nineteen (19); North East Quarter (NE/4) of Section Twenty (20) in Township Six (6), Range Two (2), West of the Fifth Meridian (W5M)	16.1565%	Imperial Oil Resources 8.07825% Shell Canada Limited 8.07825%	The Crown in the right of the Province of Alberta	379A, 36868
9	West Half (W/2) and Legal Subdivision Two (2) and Seven (7) of Section Twenty (20) in Township Six (6), Range Two (2), West of the Fifth Meridian (W5M)	23.0113%	Imperial Oil Resources 11.50565% Shell Canada Limited 11.50565%	Monarch Holdings Ltd.	948
20	South Half (S/2) of Section Thirty (30) in Township Six (6), Range Two (2), West of the Fifth Meridian (W5M)	7.3139%	Imperial Oil Resources 3.65695% Shell Canada Limited 3.65695%	The Crown in the right of the Province of Alberta	379A

Revision 2
Effective August 1, 2006
Unit Enlargement
Page 2 of 2

EXHIBIT "A" PART I

ATTACHED TO AND MADE PART OF THE UNIT AGREEMENT CASTLE RIVER UNIT NUMBER 1

21	Nort West Quarter (NW/4) and Legal Subdivisions Nine (9), Ten (10) and Fifteen (15) of Section Thirty (30) in Township Six (6), Range Two (2), West of the Fifth Meridian (W5M)	6.3996%	Imperial Oil Resources 3.1998% Shell Canada Limited 3.1998%	Imperial Oil Resources Limited	Imperial Lease
22	Legal subdivision Sixteen (16) of Section Thirty (30) in Township Six (6), Range Two (2), West of the Fifth Meridian (W5M)	0.9142%	Imperial Oil Resources 0.4571% Shell Canada Limited 0.4571%	Northstar Energy Corporation	Northstar (Devon) Lease

Working Interest Owner	Unit Participation
Imperial Oil Resources	50.0000%
Shell Canada Limited	50.0000%
Total	100.0000%

Royalty Interest Owner	Unit Participation
The Estate of John Stafford Crighton	5.3787%
The Crown in the right of the Province of Alberta	27.7168%
Monarch Holdings Ltd.	59.5907%
Imperial Oil Resources Limited	6.3996%
Northstar Energy Corporation	0.9142%
Total	100.0000%

Revision 0
Effective as of the Effective Date
Page 1 of 1

EXHIBIT "A" PART III

ATTACHED TO AND MADE PART OF THE UNIT AGREEMENT CASTLE RIVER UNIT NUMBER 1

Working Interest Owners

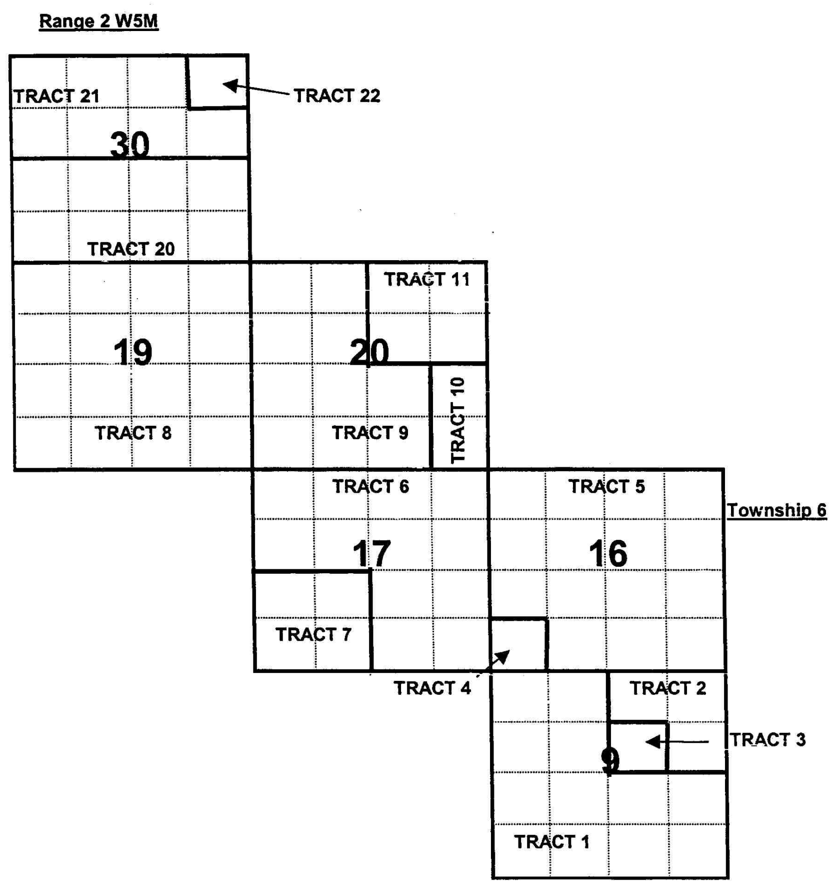
Imperial Oil Resources	50.0%
Shell Canada Limnited	50.0%
Total	100.0%

Effective as of the Effective Date

EXHIBIT "B-1"

Rundle Unit Area

ATTACHED TO AND MADE PART OF THE UNIT AGREEMENT
CASTLE RIVER UNIT NUMBER 1



Revision 1, Effective August 1, 2006

Environment

Code of Practice for Forage Drying Facilities

(made under the *Environmental Protection and Enhancement Act*
RSA 2000, c.E-12, as amended and
Substance Release Regulation (AR 124/93), as amended)

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10. Code of Practice Administration

Schedule 1 Registration Information

PART 1: DEFINITIONS

1.1.1 All definitions in the Act and the regulations under the Act apply except where expressly defined in this Code of Practice.

1.1.2 In this Code of Practice:

(a) **"Act"** means the *Environmental Protection and Enhancement Act,* R.S.A. 2000, c.E-12, as amended;

(b) **"air contaminant"** means any solid, liquid or gas or combination of any of them in the atmosphere resulting directly or indirectly from activities at a forage drying facility;

(c) **"day"** means any consecutive 24-hour sampling period;

(d) **"existing forage drying facility"** means any forage drying facility that was in operation before November 17, 2006;

(e) **"facility developed area"** means the areas of the forage drying facility used for the storage, processing, or handling of raw material, intermediate product, by-product, finished product, process chemicals, or waste material;

(f) **"forage drying facility"** means the lands known and described in the application for registration, and all buildings, structures, process equipment and pollution abatement equipment and storage facilities used in and for or associated with a plant that:

(i) removes water, in a gaseous or liquid state, from forage crops including, but not limited to, alfalfa, brome, timothy, clovers, fescues or any combination of those crops, and

(ii) conducts fossil fuelled or wood fuelled thermal drying prior to the cube or pellet formation stage;

(g) **"fugitive emissions"** means air contaminant emissions to the atmosphere originating from a forage drying facility source other than a flue or stack but does not include sources which may occur due to breaks or ruptures in process equipment;

(h) **"grab"** when referring to a sample, means an individual sample collected in less than 30 minutes and which is representative of the substance sampled;

(i) **"industrial runoff"** means surface water resulting from precipitation that falls on or traverses the facility developed area;

(j) **"industrial wastewater"** means the composite of liquid wastes and water-carried wastes, any portion of which results directly from an industrial process carried on at a forage drying facility;

(k) **"ISO 17025"** means the international standard, developed and published by International Organization for Standardization (ISO), specifying the management and technical requirements for laboratories;

(l) **"local environmental authority"** means the Department, in the Province of Alberta, or the agency that has the equivalent responsibilities for any jurisdiction outside the Province;

(m) **"month"** means calendar month;

(n) **"new forage drying facility"** means any forage drying facility for which construction commences on or after November 17, 2006;

(o) **“PM”** means particulate matter;

(p) **“PM $_{2.5}$”** means particulate matter that is less than 2.5 micrometres in diameter;

(q) **"regulations"** mean the regulations under the Act;

(r) **"shutdown"** means the time after the cutoff of feed;

(s) **"start-up"** means the initial introduction of material, or electrical or thermal energy, with the simultaneous production of products for which the forage drying facility was designed;

(t) **"this Code of Practice"** means the *Code of Practice for Forage Drying Facilities*, published by Alberta Environment, as amended;

(u) **"week"** means any consecutive 7-day period; and

(v) **"wood waste"** means any discarded wooden material.

PART 2: GENERAL REQUIREMENTS

2.1.1 A registration holder who constructs, operates or reclaims a forage drying facility must do so in accordance with this Code of Practice.

2.1.2 Any conflict between the application and the terms and conditions of this Code of Practice shall be resolved in favour of this Code of Practice.

2.1.3 The terms and conditions of this Code of Practice do not affect or negate any other requirements under the Act, the regulations or any other applicable legislation.

2.1.4 The terms and conditions of this Code of Practice do not affect any rights or obligations created under any other authorization issued by the Department.

2.1.5 The terms and conditions of this Code of Practice are severable. If any term or condition of this Code of Practice or the application of any term or condition is held invalid, the application of such term or condition to other circumstances and to the remainder of this Code of Practice shall not be affected by that invalidity.

2.1.6 If the registration holder monitors for any substances or parameters which are the subject of limits in this Code of Practice more frequently than is required, using procedures authorized in this Code of Practice, then the registration holder shall provide the results of such monitoring as an addendum to the next reports required by this Code of Practice.

2.1.7 The registration holder shall immediately notify the Director in writing if any of the following events occurs:

(a) the registration holder is served with a petition into bankruptcy;

(b) the registration holder files an assignment in bankruptcy or Notice of Intent to make a proposal;

(c) a receiver or receiver-manager is appointed;

(d) an application for protection from creditors is filed for the benefit of the registration holder under any creditor protection legislation; or

(e) any of the assets which are the subject matter of this Code of Practice are seized for any reason.

SECTION 2.2: Analytical Requirements

2.2.1 With respect to any air monitoring required pursuant to this Code of Practice, the registration holder shall:

(a) collect;

(b) preserve;

(c) store;

(d) handle; and

(e) analyze,

all samples in accordance with

(i) for air monitoring:

(A) the *Alberta Stack Sampling Code REF. 89* (1995), published by Alberta Environment, as amended;

(B) the *Methods Manual for Chemical Analysis of Atmospheric Pollutants* AEC V93-M1, (1993), published by Alberta Environment, as amended;

(C) the *Air Monitoring Directive* (1989), published by Alberta Environment, as amended or replaced; or

(D) a method authorized in writing by the Director; and

(ii) for water monitoring:

(A) the *Standard Methods for the Examination of Water and Wastewater* (2005), published by the American Public Health Association, the American Waterworks Association and the Water Environment Federation, as amended;

(B) the *Methods Manual for Chemical Analysis of Water and Wastes* (1996), published by the Alberta Research Council, as amended; or

(C) a method authorized in writing by the Director.

2.2.2 The registration holder shall analyze all samples that are required to be obtained by this Code of Practice in a laboratory accredited pursuant to ISO 17025 standard, as amended, for the specific parameter(s) to be analyzed, unless otherwise authorized in writing by the Director.

2.2.3 The registration holder shall comply with the terms and conditions of any written authorization issued by the Director under 2.2.2.

PART 3: REGISTRATION APPLICATION REQUIREMENTS

SECTION 3.1 Application for Registration

3.1.1 An application for registration of a proposed new forage drying facility shall contain at a minimum, the following information:

(a) all information set out in Schedule 1; and

(b) any other information requested by the Director.

3.1.2 At least three (3) months prior to the installation of a new dryer that is equipped with a stack the registration holder shall:

(a) conduct air quality modelling at the forage drying facility that:

(i) models particulate matter for all anticipated air emission sources at the forage drying facility;

(ii) is conducted in accordance with the *Alberta Air Quality Model Guidelines* (2003), published by Alberta Environment (Publication T/689), as amended; and

(b) submit to the Director a report containing, at a minimum:

(i) the results of the air quality modelling; and

(ii) a comparison of the modelling results with the $PM_{2.5}$ ambient air quality limits in the *Alberta Ambient Air Quality Objectives,* published by Alberta Environment, as amended.

3.1.3 In addition to any reporting under this Code of Practice, the Act and the regulations, the registration holder shall inform the Director in writing within three (3) months after any change to the information submitted to the Director in an application respecting the forage drying facility.

3.1.4 The information submitted under 3.1.3 shall include, at a minimum, all of the following information:

(a) a description of the change;

(b) a description of the change in emissions resulting from the change; and

(c) a description of pollution abatement equipment installed or to be installed as a result of the change.

PART 4: AIR REQUIREMENTS

SECTION 4.1: General Air Requirements

4.1.1 The registration holder shall not release any effluent streams to the atmosphere except as authorized in this Code of Practice.

4.1.2 The registration holder shall release effluent streams to the atmosphere only from the following sources as designated in the application:

(a) hammer mill or equipment performing an equivalent function;

(b) bale shredder or equipment performing an equivalent function;

(c) dryer;

(d) kiln with a conveyor chain;

(e) boiler;

(f) meal bin;

(g) pellet cooler;

(h) natural gas fired heater;

(i) building ventilation fan exhaust; and

(j) the other specific sources identified and designated in the application.

4.1.3 The registration holder shall not release fugitive emissions or any substance from any source not specified in 4.1.2, that causes or may cause any of the following:

(a) impairment, degradation or alteration of the quality of natural resources;

(b) material discomfort, harm or adverse effect of the well being or health of a person; or

(c) harm to property or to plant or animal life.

4.1.4 The registration holder shall:

(a) record the following information on a monthly basis:

(i) total hours of operation of each piece of process equipment;

(ii) total hours of operation of each piece of pollution abatement equipment; and

(iii) total hours of shutdown and start-up; and

(b) compile the information in (a) on a monthly basis.

4.1.5 The registration holder shall:

(a) not operate the process equipment unless and until all the pollution abatement equipment associated with the process equipment is:

(i) fully operational; and

(ii) operating; and

(b) for the purpose of (a)(ii), operate the pollution abatement equipment at least 97.5% of the time that the process equipment is operating, measured on a monthly basis.

4.1.6 Each dryer stack shall be equipped with a stack sampling port that complies with the *Alberta Stack Sampling Code*, (1995), published by Alberta Environment, as amended.

4.1.7 Within six (6) months after this Code of Practice comes into effect, or within six (6) months after the new forage drying facility commences operation, the registration holder shall implement a program with respect to the ongoing calibration of the monitoring systems and pollution abatement equipment in accordance with the following:

(a) the *Air Monitoring Directive* (1989), published by Alberta Environment, as amended or replaced;

(b) this Code of Practice; or

(c) the manufacturer's instructions.

4.1.8 The registration holder shall:

(a) monitor the temperature of each wood fuelled dryer on a continuous basis, at all times that the wood fuelled dryer is in operation, subject to 4.1.10; and

(b) continuously record the temperature monitored in subsection (a).

4.1.9 Subject to 4.1.10 and 4.1.11 the temperature of any wood fuelled dryer shall exceed 800^{o}C for at least 90% of the time that the dryer is in operation each month.

4.1.10 For the purposes of 4.1.8 and 4.1.9:

(a) a wood fuelled dryer is not considered to be in operation during start-up and after shutdown; and

(b) start-up and shutdown periods shall last no more than one hour each in duration, and no more than two hours total in any 24-hour period.

4.1.11 Clauses 4.1.8 and 4.1.9 do not apply where:

(a) fossil fuel is used to operate the wood fuelled dryer; or

(b) non-treated wood waste is used to operate the wood fuelled dryer.

4.1.12 The registration holder shall comply with the following requirements regarding releases to the atmosphere of effluent streams:

(a) for releases from all sources at existing forage drying facilities except a dryer or a kiln with a conveyor chain:

(i) the requirements of section 4.2 until December 31, 2014, and

(ii) the requirements of section 4.3 on or after January 1, 2015;

(b) for releases from each dryer and each kiln with a conveyor chain at existing forage drying facilities:

(i) the requirements of section 4.2 until December 31, 2014, and

(ii) the requirements of section 4.4 on or after January 1, 2015;

(c) for releases from all sources at all new forage drying facilities:

(i) the requirements of section 4.3, and

(ii) the requirements of section 4.4.

4.1.13 The registration holder shall monitor releases from all dryers equipped with stacks at all forage drying facilities in accordance with section 4.5.

SECTION 4.2: Air Emission Limits for Existing Forage Drying Facilities, Effective Until December 31, 2014

4.2.1 Until December 31, 2014, a registration holder holding a registration for an existing forage drying facility shall comply with 4.2.2 through 4.2.5.

4.2.2 Each:

(a) hammer mill or equipment performing an equivalent function;

(b) bale shredder or equipment performing an equivalent function;

(c) boiler;

(d) meal bin;

(e) pellet cooler;

(f) natural gas fired heater;

(g) building ventilation fan exhaust; and

(h) the other specific sources identified and designated in the application

shall be:

(i) designed,

(ii) operated, and

(iii) maintained

to release no more than:

(A) 0.20g PM per kg of effluent in urban areas of populations greater than 50,000; or

(B) 0.60g PM per kg of effluent in other urban areas, or rural areas

as the case may be.

4.2.3 The registration holder shall not exceed any of the following concentrations of particulate matter with respect to releases from each dryer and each kiln with a conveyor chain:

(a) 0.20g PM per kg of effluent in urban areas of populations greater than 50,000; and

(b) 0.60g PM per kg of effluent in:

(i) other urban areas, and

(ii) rural areas

as the case may be.

4.2.4 At all times during operation, visible emissions from each source shall not exceed an opacity of 40% averaged over a period of six consecutive minutes.

4.2.5 For the purposes of 4.2.4:

(a) a dryer or kiln is not considered to be operating during start-up and after shutdown, and

(b) start-up and shutdown periods shall last no more than half an hour each in duration, and no more than two hours total in any 24-hour period.

SECTION 4.3: Air Emission Limits for All Sources except Dryer and Kiln with a Conveyor Chain for Existing Forage Drying Facility Effective January 1, 2015, and in New Forage Drying Facilities Immediately

4.3.1 A registration holder shall comply with 4.3.2 through 4.3.4 in the following manner:

(a) effective immediately at a new forage drying facility, and

(b) effective January 1, 2015 at an existing forage drying facility, for all sources except a dryer or a kiln with a conveyor chain.

4.3.2 Each:

(a) hammer mill or equipment performing an equivalent function;

(b) bale shredder or equipment performing an equivalent function;

(c) boiler;

(d) meal bin;

(e) pellet cooler;

(f) natural gas fired heater;

(g) building ventilation fan exhaust; and

(h) the other specific sources identified and designated in the application, except a dryer or a kiln with a conveyor chain

shall be:

(i) designed,

(ii) operated, and

(iii) maintained

to release no more than 0.05g PM per kg of effluent.

4.3.3 At all times during operation, the registration holder shall not exceed a visible emissions limit of 10%, averaged over a period of six consecutive minutes, for each:

(a) hammer mill or equipment performing an equivalent function;

(b) bale shredder or equipment performing an equivalent function;

(c) boiler;

(d) meal bin;

(e) pellet cooler;

(f) natural gas fired heater;

(g) building ventilation fan effluent; and

(h) the other specific sources identified and designated in the application except a dryer or a kiln with a conveyor chain.

4.3.4 For the purposes of 4.3.3:

(a) a source listed in 4.3.3 is not considered to be in operation during start-up and after shutdown, and

(b) start up and shutdown periods shall last no more than half an hour each in duration, and no more than two hours total in any 24-hour period.

SECTION 4.4: Air Emission Limits for Dryers and Kiln with a Conveyor Chain in Existing Forage Drying Facilities Effective January 1, 2015 and in New Forage Drying Facilities Immediately

4.4.1 A registration holder shall comply with 4.4.2 through 4.4.4:

(a) effective January 1, 2015 for a dryer or kiln with a conveyor chain at an existing forage drying facility, and

(b) effective immediately for a dryer or kiln with a conveyor chain at a new forage drying facility.

4.4.2 The registration holder shall not exceed the following particulate matter release limits:

(a) 0.20g PM per kg of effluent in urban areas of population greater than 50,000; and

(b) 0.50g PM per kg of effluent in:

(i) other urban areas, and

(ii) rural areas.

4.4.3 At all times during operation, the registration holder shall not exceed a visible emissions limit of 40% averaged over a period of six consecutive minutes, for each:

(a) dryer, and

(b) kiln with a conveyor chain.

4.4.4 For the purposes of 4.4.2 and 4.4.3:

(a) the dryer or kiln with a conveyor chain is not considered to be in operation during start-up and after shutdown, and

(b) start-up and shutdown periods shall last no more than half an hour each in duration, and no more than two hours total in any 24-hour period.

SECTION 4.5: Air Monitoring Requirements

4.5.1 The registration holder shall conduct the monitoring as set out in TABLE 4.5-A.

TABLE 4.5-A: Monitoring Requirements

Emission Source	Parameter	Frequency	Method of Monitoring	Sample Location
Dryer Stack	Particulate Matter	Once every three years	Manual Stack Survey	Stack

4.5.2 The registration holder shall notify the Director in writing, a minimum of two weeks prior to any manual stack survey required pursuant to 4.5.1.

4.5.3 The manual stack survey required in pursuant to 4.5.1 shall be conducted:

(a) when the dryer is operating at no less than 80% of its capacity; and

(b) in accordance with the *Alberta Stack Sampling Code* (1995), published by Alberta Environment, as amended.

PART 5: WASTEWATER REQUIREMENTS

SECTION 5.1: Industrial Wastewater Requirements

5.1.1 The registration holder shall not release any industrial wastewater from the forage drying facility to the surrounding watershed.

5.1.2 All above ground storage tanks containing any process chemicals or industrial wastewater shall be:

(a) constructed;

(b) operated; and

(c) maintained

in accordance with *Secondary Containment for Above Ground Storage Tanks* (1997), published by Alberta Environmental Protection, as amended.

5.1.3 The registration holder shall not install any underground storage tanks.

SECTION 5.2: Industrial Runoff Requirements

5.2.1 The registration holder shall not release industrial runoff in a manner that may result in the industrial runoff entering any surface water within 500 metres of the forage drying facility.

5.2.2 At least once per month during the period of March 1 through October 30, the registration holder shall visually inspect all areas of release on the perimeter of the facility developed area for any potential impacts of industrial runoff on the environment, including, but not limited to any flooding, erosion, discoloration of vegetation, visible sheen, floating material or debris.

5.2.3 After each visual inspection conducted in accordance with 5.2.2, the registration holder shall:

(a) record and describe the location, size and type of impacts from industrial runoff;

(b) report any impacts of industrial runoff on the environment to the Director immediately upon discovery, including actions that will be taken to mitigate the impact;

(c) take actions to mitigate the impact; and

(d) retain the records of perimeter inspections of industrial runoff and all actions taken to address any potential impacts.

SECTION 5.3: Domestic Wastewater Operational Requirements

5.3.1 The registration holder shall release domestic wastewater generated at the facility developed area only to:

(a) a private sewage disposal system that complies with the *Safety Codes Act* and its regulations, as amended, for treatment and release of domestic wastewater;

(b) a wastewater system that uses a wastewater lagoon that is the subject of a valid registration under the Act;

(c) a holding tank from which all domestic wastewater is transferred to a wastewater system that is the subject of a valid approval or registration under the Act; or

(d) a wastewater system that is the subject of a valid approval, or registration under the Act or a private sewage disposal system that complies with the *Safety Codes Act*, and its regulations, as amended, where the owner(s) of the wastewater system or the private sewage disposal system have provided prior written consent for the release.

5.3.2 The registration holder shall dispose of sludge produced by domestic wastewater management at the forage drying facility only at a facility that is the subject of a valid approval or registration under the Act to accept such waste.

PART 6: WASTE MANAGEMENT REQUIREMENTS

SECTION 6.1: General Waste Management

6.1.1 The registration holder shall dispose of all waste generated at the forage drying facility, including but not limited to ash from the operation of the dryer, only to:

(a) a waste management facility that is the subject of a valid approval or registration under the Act to accept such waste; or

(b) a waste management facility located outside Alberta, approved by a local environmental authority outside of Alberta to accept such waste.

SECTION 6.2: Waste Management Record Keeping and Reporting Requirements

6.2.1 The registration holder shall:

(a) record the following information:

(i) the volume of each waste disposed of during each month;

(ii) the method used to dispose of the waste; and

(iii) the name of the person responsible for conducting the disposal; and

(b) retain a record of the information recorded in accordance with (a).

PART 7: RECLAMATION REQUIREMENTS

7.1.1 Where the land surface has been disturbed during construction, expansion, modifications, or repair of the forage drying facility or any portion of the forage drying facility, the registration holder shall reclaim the surface of land to equivalent land capability.

7.1.2 No person shall commence reclamation until that person has received written authorization from the Director for the reclamation.

7.1.3 Within six months after the forage drying facility permanently ceases operation, the registration holder shall submit a reclamation plan to the Director.

7.1.4 The reclamation plan shall contain, at a minimum, all of the following information:

(a) proposed plan for domestic wastewater discharge and sludge management prior to reclamation;

(b) a proposal for reclaiming all disturbed land to equivalent land capability, or a proposal for reuse of the site;

(c) the depth of topsoil at any wastewater lagoon prior to construction or, in the absence of that pre-construction depth, the depth of undisturbed topsoil on property adjacent to the site of any lagoon, unless reuse of the site is proposed;

(d) a description of the status of, and proposed measures to address the following matters on the facility developed area:

(i) the final use of the reclaimed areas;

(ii) the proposed depth of topsoil to be replaced;

(iii) the restoration of the original contours of the land;

(iv) erosion control;

(v) weed control; and

(vi) revegetation; and

(e) any other information required by the Director in writing.

7.1.5 The registration holder shall conduct reclamation in accordance with the reclamation plan, as authorized by the Director in writing.

7.1.6 Within one (1) year from the date of completion of reclamation, the registration holder shall submit a final reclamation report to the Director.

7.1.7 The final reclamation report required under 7.1.6 shall contain, at a minimum, all of the following information:

(a) a statement of whether the site has achieved equivalent land capability;

(b) if the site has not achieved equivalent land capability, an explanation of the reason;

(c) confirmation of whether the topsoil was replaced in accordance with the reclamation plan;

(d) a description of the final land use;

(e) a description of the land contours of the site;

(f) a statement of whether the original contours of the site have been restored;

(g) if the original contours of the site have not been restored, an explanation of the reason;

(h) a description of steps taken to control erosion;

(i) a statement of the degree of success of the erosion control steps and further steps that will be taken;

(j) a list of species used for revegetation;

(k) a description of the weed control measures undertaken; and

(l) any other information required by the Director in writing.

PART 8: REPORTING REQUIREMENTS

Contravention Reporting

8.1.1 In addition to any other reporting required pursuant to this Code of Practice, the Act, or the regulations under the Act, the registration holder shall immediately report to the Director any contravention of this Code of Practice, either:

(a) by telephone at (780) 422-4505; or

(b) by a method:

(i) in compliance with the release reporting provisions in the Act and the regulations, or

(ii) authorized in writing by the Director.

8.1.2 In addition to the immediate report in 8.1.1, the registration holder shall provide a report to the Director:

(a) in writing; or

(b) by a method:

(i) in compliance with the release reporting provisions in the Act and the regulations, or

(ii) authorized in writing by the Director

within seven (7) calendar days of the discovery of the contravention, or within a time period specified in writing by the Director, unless the requirement for the report is waived by the Director.

8.1.3 The report required under 8.1.2 shall contain, at a minimum the following information:

(a) a description of the contravention;

(b) the date of the contravention;

(c) the duration of the contravention;

(d) the legal land description of the location of the contravention;

(e) an explanation as to why the contravention occurred;

(f) a summary of all preventive measures and actions that were taken prior to the contravention;

(g) a summary of all measures and actions that were taken to mitigate any effects of the contravention;

(h) a summary of all measures that will be taken to address any remaining effects and potential effects related to the contravention;

(i) the number of the registration issued under the Act for the forage drying facility, and the name of the person who held the registration at the time the contravention occurred;

(j) the name, address, phone number and responsibilities of all persons operating the forage drying facility at the time the contravention occurred;

(k) the name, address, phone number and responsibilities of all persons who had charge, management or control of the forage drying facility at the time that the contravention occurred;

(l) a summary of proposed measures that will prevent future contraventions, including a schedule of implementation for these measures;

(m) any information that was maintained or recorded under this Code of Practice, as a result of the incident; and

(n) any other information required by the Director in writing.

PART 9: RECORD KEEPING REQUIREMENTS

9.1.1 The registration holder shall:

(a) record the following information:

(i) all records that are required to be created under this Code of Practice;

(ii) annual records for the following:

(A) the performance of air pollution abatement equipment;

(B) details of any modifications to the forage drying facility operations;

(C) a summary of the actions taken by the registration holder to minimize and reduce atmospheric emissions; and

(D) annual summary of the wood fuelled dryer temperature results;

(iii) a summary of the status and the results of any atmospheric emissions reduction reports and studies that the registration holder either participated in or conducted independently;

(iv) total hours of operation of the equipment on a monthly basis, including hours of shutdown and start-up;

(v) a description of all maintenance and repairs to pollution abatement equipment, including:

(A) the date of the maintenance;

(B) a description of the maintenance conducted;

(C) the name of person conducting the maintenance; and

(D) the signature of the person conducting the maintenance; and

(vi) all monitoring and measuring results required pursuant to this Code of Practice; and

(b) keep the records in (a) available at the forage drying facility for five (5) years from the date the record is created.

9.1.2 The registration holder shall:

(a) record the following information:

(i) applications submitted to Alberta Environment for a registration;

(ii) engineering plans and drawings for the forage drying facility, including but not limited to the design specification of the abatement equipment technology;

(iii) project reports;

(iv) construction documents, record drawings;

(v) all reports of inspections conducted by Alberta Environment;

(vi) all annual reports;

(vii) all registrations issued under the Act for the forage drying facility;

(viii) a copy of all written authorizations issued regarding the forage drying facility;

(ix) a copy of the reclamation plan required under 7.1.3 of this Code of Practice; and

(x) any correspondence sent to Alberta Environment; and

(b) make the copies of the records in (a) available for the life of the forage drying facility.

9.1.3 The results and records in 9.1.1 shall contain, at a minimum, all of the following information:

(a) the date, place and time of sampling or monitoring, whichever the case may be, and the name of the person collecting the sample;

(b) date of analysis;

(c) laboratory name and person responsible for performing analysis;

(d) the analytical method used; and

(e) the results of the analysis.

9.1.4 Upon request, the registration holder shall immediately provide any records, reports or data to the Director or an inspector.

PART 10: CODE OF PRACTICE ADMINISTRATION

10.1.1 This Code of Practice will be reviewed as changes in technological or other standards warrant.

SCHEDULE 1
Registration Information

Pursuant to 3.1.1(a) of this Code of Practice, all of the following information shall be provided to the Director unless otherwise specified in writing by the Director.

General Information Regarding the Forage Drying Facility

1. name of person (Company) that will construct, operate, reclaim the forage drying facility;

2. operating name;

3. mailing address;

4. phone number;

5. facsimile number;

6. email address;

7. facility name;

8. legal land description of forage drying facility location;

9. contact person;

10. if the forage drying facility previously had an approval under the Act, provide the number of the approval;

11. diagram showing the general layout of the facility including but not limited to:

    (a) stack locations,

    (b) water discharge locations, and

    (c) groundwater monitoring wells if used;

12. date of proposed start for any new forage drying facility:

13. abatement equipment on each source;

14. design and/or manufacture specification for abatement technology;

15. emission sources:

    (a) location of stacks,

    (b) air flow rate,

    (c) stack diameters,

    (d) exit air velocity, and

    (e) exit air temperature;

16. abatement equipment on each source;

17. design and/or specification for pollution abatement technology;

18. waste disposal mechanisms;

19. for a newly installed dryer the results of air quality models conducted in accordance with the *Alberta Air Quality Model Guidelines* (2003), published by Alberta Environment, (Publication T/689) as amended;

Dryer

20. design specifications;

21. fuel type; and

Domestic Wastewater

22. method of domestic wastewater collection, treatment and disposal

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Code of Practice for Sawmill Plants

(made under the *Environmental Protection and Enhancement Act*
RSA 2000, c.E-12, as amended and
Substance Release Regulation (AR 124/93), as amended)

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Schedule 1 Registration Information

PART 1: DEFINITIONS

1.1.1 All definitions in the Act and the regulations under the Act apply except where expressly defined in this Code of Practice.

1.1.2 In this Code of Practice:

(a) **"Act"** means the *Environmental Protection and Enhancement Act,* R.S.A. 2000, c.E-12, as amended;

(b) **"air contaminant"** means any solid, liquid, or gas or combination of any of them in the atmosphere resulting directly or indirectly from activities at a sawmill plant;

(c) **"bottom ash"** means the product of wood waste combustion collected or retained from the bottom of a wood waste incinerator or of a thermal energy system;

(d) **"day"** means any consecutive 24-hour sampling period that reasonably represents a calendar day;

(e) **"existing sawmill plant"** means any sawmill plant that was in operation before November 17, 2006;

(f) **"existing sawmill plant with a major expansion"** means an existing sawmill plant that, on or after November 17, 2006, adds new capacity to a production line by some physical modification requiring capital investment, but does not include:

(i) the addition of a production shift;

(ii) adjustments, repairs, replacements or maintenance made in the normal course of operations;

(iii) changes that do not result in an increase in the release of a substance into the environment; or

(iv) short-term testing or temporary modifications to machinery, equipment or processes that do not cause an adverse effect;

(g) **"fugitive emissions"** means air contaminant emissions to the atmosphere originating from a sawmill plant source other than a flue or stack but does not include sources which may occur due to breaks or ruptures in process equipment;

(h) **"grab"** when referring to a sample, means an individual sample collected in less than 30 minutes and which is representative of the stream sampled;

(i) **"industrial runoff"** means surface water resulting from precipitation that falls on or traverses the plant developed area;

(j) **"industrial wastewater"** means the composite of liquid wastes and water-carried wastes, any portion of which results directly from an industrial process carried on at a sawmill plant;

(k) **"ISO 17025"** means the international standard, developed and published by International Organization for Standardization (ISO), specifying the management and technical requirements for laboratories;

(l) **"local environmental authority"** means the Department, in the Province of Alberta, or the agency that has the equivalent responsibilities for any jurisdiction outside the Province;

(m) **"month"** means calendar month;

(n) **"new sawmill plant"** means any sawmill plant means for which construction commences on or after November 17, 2006;

(o) **"plant developed area"** means the areas of the sawmill plant used for the storage, processing, or handling of raw material, intermediate product, by-product, finished product, process chemicals, or waste material;

(p) **"PM"** means particulate matter;

(q) **"$PM_{2.5}$"** means particulate matter that is less than 2.5 micrometres in diameter;

(r) **"PM_{10}"** means particulate matter that is less than 10 micrometres in diameter;

(s) **"professional engineer"** means a professional member or registered professional technologist (engineering) under the *Engineering, Geological and Geophysical Professions Act*;

(t) **"regulations"** means the regulations under the Act;

(u) **"sawmill plant"** means all buildings, structures, process and pollution abatement equipment, planer mills, log yards, wood waste incinerators, thermal energy systems and storage facilities used in and for the processing of wood, or associated with the processing of wood, including the land, other than undeveloped land, that is used for the processing of wood, where the sawmill plant produces more than 20 million foot board measures of lumber annually, and

(i) is fixed to one location, or

(ii) is operated at any one location for a total of more than 365 days in 2 consecutive calendar years;

(v) **"shutdown"** means the time after the cutoff of feed;

(w) **"start-up"** means the initial introduction of material, or electrical or thermal energy, with the simultaneous production of products for which the plant was designed;

(x) **"thermal energy system"** means a system that is designed to burn wood waste and recover the heat of the combustion, where the system

(i) has a rated production output of no more than 10 megawatts of electricity or its steam equivalent under peak load, and

(ii) uses only wood waste generated at that sawmill plant as fuel;

(y) **"this Code of Practice"** means the *Code of Practice for Sawmill Plants*, published by the Department, as amended;

(z) **"urban area"** means all land within the boundaries of a city, town, or village;

(aa) **"week"** means any consecutive 7-day period;

(bb) **"wood ash"** means the product of wood waste combustion collected or retained by a thermal energy system pollution abatement equipment;

(cc) **"wood waste"** means any discarded non-treated wooden material; and

(dd) **"wood waste incinerator"** means any unit of the plant designed to destroy wood waste by burning in burners, including but not limited to beehive burners or silo burners.

PART 2: GENERAL REQUIREMENTS

2.1.1 Any registration holder who constructs, operates or reclaims a sawmill plant must do so in accordance with this Code of Practice.

2.1.2 Any conflict between the application and the terms and conditions of this Code of Practice shall be resolved in favour of this Code of Practice.

2.1.3 The terms and conditions of this Code of Practice do not affect or negate any other requirements under the Act, the regulations or any other applicable legislation.

2.1.4 The terms and conditions of this Code of Practice do not affect any rights or obligations created under any other authorization issued by the Department.

2.1.5 The terms and conditions of this Code of Practice are severable. If any term or condition of this Code of Practice or the application of any term or condition is held invalid, the application of such term or condition to other circumstances and to the remainder of this Code of Practice shall not be affected by that invalidity.

2.1.6 If the registration holder monitors for any substances or parameters which are the subject of limits in this Code of Practice more frequently than is required, using procedures authorized in this Code of Practice, then the registration holder shall provide the results of such monitoring as an addendum to the next reports required by this Code of Practice.

2.1.7 The registration holder shall immediately notify the Director in writing if any of the following events occurs:

(a) the registration holder is served with a petition into bankruptcy;

(b) the registration holder files an assignment in bankruptcy or Notice of Intent to make a proposal;

(c) a receiver or receiver-manager is appointed;

(d) an application for protection from creditors is filed for the benefit of the registration holder under any creditor protection legislation; or

(e) any of the assets which are the subject matter of this Code of Practice are seized for any reason.

SECTION 2.2: Analytical Requirements

2.2.1 With respect to any monitoring required pursuant to this Code of Practice, the registration holder shall:

(a) collect;

(b) preserve;

(c) store;

(d) handle; and

(e) analyze

all samples in accordance with the following unless otherwise authorized in writing by the Director:

(i) for air monitoring:

(A) the *Alberta Stack Sampling Code REF. 89* (1995), published by Alberta Environment, as amended;

(B) the *Methods Manual for Chemical Analysis of Atmospheric Pollutants*, AEC V93-M1 (1993), published by Alberta Environment, as amended; or

(C) the *Air Monitoring Directive* (1989), published by Alberta Environment, as amended or replaced;

(ii) for water monitoring:

(A) the *Standard Methods for the Examination of Water and Wastewater* (2005), published by the American Public Health Association, the American Waterworks Association and the Water Environment Federation, as amended; or

(B) the *Methods Manual for Chemical Analysis of Water and Wastes* (1996), published by the Alberta Research Council, as amended.

2.2.2 The registration holder shall analyze all samples that are required to be obtained by this Code of Practice in a laboratory accredited pursuant to ISO 17025 standard, as amended, for the specific parameter(s) to be analyzed, unless otherwise authorized in writing by the Director.

2.2.3 The registration holder shall comply with the terms and conditions of any written authorization issued by the Director under 2.2.2.

PART 3: REGISTRATION APPLICATION/ADMINISTRATION REQUIREMENTS

SECTION 3.1: Application for Registration

3.1.1 An application for registration of a proposed new sawmill plant shall contain at a minimum, the following information:

(a) all information set out in Schedule 1; and

(b) any other information requested by the Director.

SECTION 3.2: Air Quality Modelling Information

3.2.1 At least three (3) months before the installation of a new thermal energy system, the registration holder shall:

(a) conduct air quality modelling at the sawmill plant that

(i) models all anticipated air emission sources at the sawmill plant; and

(ii) is conducted in accordance with the models for particulate matter in the *Alberta Air Quality Model Guidelines* (2003), published by Alberta Environment, (Publication T/689) as amended; and

(b) submit to the Director a report containing, at a minimum,

(i) the results of air quality modelling, and

(ii) a comparison of the modelling results with the $PM_{2.5}$ ambient air quality limits in the *Alberta Ambient Air Quality Objectives*, published by Alberta Environment, as amended.

SECTION 3.3: Reporting of Changes

3.3.1 In addition to any reporting under this Code of Practice, the Act and the regulations, the registration holder shall inform the Director in writing within three (3) months after any change to the information submitted to the Director in an application respecting the sawmill plant.

3.3.2 The information submitted under 3.3.1 shall include, at a minimum, all of the following information:

(a) a description of the change;

(b) a description of the change in emissions or releases resulting from the change; and

(c) a description of pollution abatement equipment installed or to be installed as a result of the change.

PART 4: AIR REQUIREMENTS

SECTION 4.1: General Air Requirements

4.1.1 The registration holder shall not release any effluent streams to the atmosphere except as authorized in this Code of Practice.

4.1.2 The registration holder shall release effluent streams to the atmosphere only from the following sources, as designated in the application:

(a) wood waste incinerator;

(b) drying kiln exhaust(s);

(c) sawmill dust collection system;

(d) planer mill dust collection system;

(e) log deck;

(f) the dry fuel silo;

(g) natural gas fired heaters;

(h) building ventilation fan exhaust(s);

(i) chip handling and conveying system;

(j) shaving bins;

(k) fuel pellet system;

(l) thermal energy system;

(m) green fuel bins; and

(n) any other specific sources identified and designated in the application.

4.1.3 The registration holder shall not release fugitive emissions or any substance from any source not specified in 4.1.2, that causes or may cause any of the following:

(a) impairment, degradation of alteration of the quality of natural resources;

(b) material discomfort, harm or adverse effect of the well being or health of a person; or

(c) harm to property or to plant or animal life.

4.1.4 The registration holder shall:

(a) record the following information on a monthly basis,

(i) total hours of operation of each piece of process equipment;

(ii) total hours of operation of each piece of pollution abatement equipment; and

(iii) total hours of shutdown and start-up; and

(b) compile the information in (a) on a monthly basis.

4.1.5 The registration holder shall:

(a) not operate the process equipment unless and until all the pollution abatement equipment associated with the process equipment is:

(i) fully operational; and

(ii) operating; and

(b) for the purposes of (a)(ii), operate all the pollution abatement equipment at least 97.5% of the time that the process equipment is operating, measured on a monthly basis.

4.1.6 Each thermal energy system stack shall be equipped with a stack sampling port which complies with the *Alberta Stack Sampling Code*, (1995), published by Alberta Environment, as amended.

4.1.7 Within six (6) months after the date this Code of Practice comes into effect or within six (6) months after the new sawmill plant commences operation, the registration holder shall implement a program with respect to the ongoing calibration of the monitoring systems and pollution abatement equipment in accordance with the following:

(a) the *Air Monitoring Directive* (1989), published by Alberta Environment, as amended; and

(b) this Code of Practice; or

(c) the manufacturer's instructions.

4.1.8 The registration holder shall calibrate the temperature sensor at the top of the wood waste incinerator at least once every three months.

4.1.9 Effective on the date the Code of Practice comes into effect, the registration holder shall not construct any new wood waste incinerator, and nothing in this Code of Practice affects or negates this prohibition.

4.1.10 The registration holder shall not operate any wood waste incinerator, effective on:

(a) January 1, 2008 in urban areas; and

(b) January 1, 2015 in rural areas;

and nothing in this Code of Practice affects or negates this prohibition.

4.1.11 The registration holder shall:

(a) monitor the exhaust gas temperature on a continuous basis at the top of the wood waste incinerator, at all times that the wood waste incinerator is in operation; and

(b) continuously record the temperature monitored in (a).

4.1.12 The registration holder shall:

(a) operate the wood waste incinerator only when the temperature sensor at the top of the wood waste incinerator is:

(i) fully operational; and

(ii) operating; and

(b) for the purposes of (a)(ii), operate the temperature sensor at least 95% of the time that the wood waste incinerator is operating, measured on a monthly basis.

4.1.13 The registration holder shall not burn any waste in any open fire except in accordance with this Code of Practice.

4.1.14 No log yard debris shall be burned in an open fire unless:

(a) the debris:

(i) consists only of logs, log pieces, bark or other wood waste from the log yard; and

(ii) is untreated and uncontaminated by any other substance; and

(b) the burning does not occur in an urban area.

4.1.15 Burning of log yard debris in an open fire shall be conducted in the following manner:

(a) the burning shall not occur on more than:

(i) three (3) consecutive days; and

(ii) a total of five (5) days;

in any calendar year;

(b) the registration holder shall employ a person on-site at the scene of the burning who is responsible for monitoring the burning at all times when burning is occurring;

(c) the registration holder shall inform local authorities before the burning is to take place;

(d) the registration holder shall record information regarding the burning, and prepare and update a report for the duration of the burning; and

(e) the report in (d) shall contain, at a minimum, all of the following information:

(i) the date of commencement of the burning;

(ii) the quantity and type of wood waste burned during the burning;

(iii) the action taken to reclaim or clean up the burning location;

(iv) the date the burning was completed;

(v) the duration of the burning;

(vi) any incidents where excessive smoke has occurred; and

(vii) a record of any complaints regarding the burn and the action that was taken to address those complaints.

4.1.16 The registration holder shall comply with shall meet the requirements of Section 4.2, 4.3, 4.4 or 4.5 as applicable for each release to the atmosphere of effluent streams from any source.

4.1.17 The registration holder shall monitor emissions from each:

(a) wood waste incinerator; and

(b) thermal energy system

in accordance with Section 4.6.

SECTION 4.2: Air Emission Limits for Existing Sawmill Plants

4.2.1 Until December 31, 2007, the registration holder shall comply with 4.2.2 through 4.2.6 for each existing sawmill plant except an existing sawmill plant with a major expansion.

4.2.2 Each:

(a) wood waste incinerator;

(b) thermal energy system;

(c) drying kiln exhaust;

(d) sawmill dust collection system;

(e) planer mill dust collection system;

(f) log deck;

(g) dry fuel silo;

(h) natural gas fired heaters;

(i) building ventilation fan exhaust(s);

(j) chip handling and conveying system;

(k) shaving bins;

(l) fuel pellet system;

(m) green fuel bins; and

(n) any other specific sources identified and designated in the application.

shall be:

(i) designed,

(ii) operated, and

(iii) maintained

so that the designed particulate matter release shall not exceed:

(A) 0.20 g PM per kg of effluent in urban areas; or

(B) 0.60 g PM per kg of effluent in rural areas.

4.2.3 The registration holder shall not exceed any of the following thermal energy system particulate matter release limits:

(a) 0.20 g PM per kg of effluent in urban areas; or

(b) 0.60 g PM per kg of effluent in rural areas.

4.2.4 The registration holder shall comply with the minimum temperature of 375^{o} C at the top of the wood waste incinerator for at least 90% of the time that the wood waste incinerator is in operation each month, unless the following requirements have been met:

(a) the registration holder has provided the following information to the Director:

(i) documentation regarding the integrity and performance of the wood waste incinerator; and

(ii) full documentation tracing the management of all wood waste at the sawmill plant; or

(iii) an audit, performed by a third party, which documents the current management of all wood waste at the sawmill plant; and

(b) the Director has authorized in writing that the minimum temperature limit of 375^{o} C at the top of the wood waste incinerator does not apply on the basis of the wood waste management practices that have been implemented at the sawmill plant, based on the information submitted under (a).

4.2.5 At all times during operation, the registration holder shall not exceed the visible emission limit of 40% opacity, averaged over a period of six consecutive minutes, for each source.

4.2.6 For the purposes of 4.2.4 and 4.2.5:

(a) the wood waste incinerator, or thermal energy system or other source is not considered to be in operation during start up, and after shutdown; and

(b) start-up and shutdown periods shall last no more than one hour each in duration, and no more than two hours total in any 24-hour period.

SECTION 4.3: Air Emission Limits for Existing Sawmill Plants, Effective January 1, 2008

4.3.1 Effective January 1, 2008 until December 31, 2016, the registration holder shall comply with 4.3.2 through 4.3.9 for each existing sawmill plant except an existing sawmill plant with a major expansion.

4.3.2 Each:

(a) wood waste incinerator;

(b) thermal energy system;

(c) drying kiln exhaust;

(d) sawmill dust collection system;

(e) planer mill dust collection system;

(f) log deck;

(g) dry fuel silo;

(h) natural gas fired heaters;

(i) building ventilation fan exhaust(s);

(j) shaving bins;

(k) chip handling and conveying system;

(l) fuel pellet system;

(m) green fuel bins; and

(n) any other specific sources identified and designated in the application.

shall be:

(i) designed,

(ii) operated, and

(iii) maintained

so that the designed particulate matter release shall not exceed 0.20 g PM per kg of effluent.

4.3.3 The registration holder shall not exceed the particulate matter release limit of 0.20 g PM per kg of effluent for each thermal energy system.

4.3.4 Subject to 4.1.10(b), the registration holder shall not exceed the particulate matter release limit of 0.60 g PM per kg of effluent for each wood waste incinerator.

4.3.5 Subject to 4.1.10(b), the registration holder shall comply with the minimum temperature of 375^{o} C at the top of the wood waste incinerator for at least 90% of the time that the wood waste incinerator is in operation each month, unless the following requirements have been met:

(a) the registration holder has provided the following information to the Director:

(i) documentation regarding the integrity and performance of the wood waste incinerator, and

(ii) full documentation tracing the management of all wood waste at the sawmill plant, or

(iii) an audit, performed by a third party, which documents the current management of all wood waste at the sawmill plant; and

(b) the Director has authorized in writing, based on the information submitted under (a), that the minimum temperature limit does not apply on the basis of the wood waste management practices that have been implemented at the sawmill plant.

4.3.6 At all times during operation, the registration holder shall not exceed a visible emissions limit of 10% opacity, averaged over a period of six consecutive minutes, for each:

(a) drying kiln exhaust;

(b) sawmill dust collection system;

(c) planer mill dust collection system;

(d) log deck;

(e) dry fuel silo;

(f) natural gas fired heaters;

(g) building ventilation fan exhaust(s);

(h) shaving bins;

(i) chip handling and conveying system;

(j) fuel pellet system;

(k) green fuel bins; and

(l) any other specific sources identified and designated in the application.

4.3.7 At all times during operation, the registration holder shall not exceed a visible emissions limit of 20% opacity, averaged over a period of six consecutive minutes, for each thermal energy system.

4.3.8 Subject to 4.1.10(b), at all times during operation, the registration holder shall not exceed a visible emissions limit of 40% opacity, averaged over a period of six consecutive minutes, for each wood waste incinerator located in a rural area.

4.3.9 For the purposes of 4.3.5, 4.3.6, 4.3.7 and 4.3.8:

(a) the wood waste incinerator, or thermal energy system or other source is not considered to be in operation during start up, and after shutdown; and

(b) start-up and shutdown periods shall last no more than one hour each in duration, and no more than two hours total in any 24-hour period.

SECTION 4.4: Air Emission Limits for Existing Sawmill Plants, Effective January 1, 2017

4.4.1 Effective January 1, 2017, the registration holder shall comply with 4.4.2 through 4.4.6 for each existing sawmill plant except an existing sawmill plant with a major expansion.

4.4.2 Each:

(a) thermal energy system;

(b) drying kiln exhaust;

(c) sawmill dust collection system;

(d) planer mill dust collection system;

(e) log deck;

(f) dry fuel silo;

(g) natural gas fired heaters;

(h) building ventilation fan exhaust(s);

(i) shaving bin(s);

(j) chip handling and conveying system;

(k) fuel pellet system;

(l) green fuel bin(s); and

(m) any other specific sources identified and designated in the application;

shall be:

(i) designed,

(ii) operated, and

(iii) maintained

so that the designed particulate matter release shall not exceed 0.20 g PM per kg of effluent.

4.4.3 The registration holder shall not exceed a maximum particulate matter release limit of 0.09 g PM per kg of effluent for each thermal energy system.

4.4.4 At all times during operation, the registration holder shall not exceed a visible emissions limit of 10% opacity, averaged over a period of six consecutive minutes, for each:

(a) drying kiln exhaust;

(b) sawmill dust collection system;

(c) planer mill dust collection system;

(d) log deck;

(e) dry fuel silo;

(f) natural gas fired heater(s);

(g) building ventilation fan exhaust(s);

(h) shaving bin(s);

(i) chip handling and conveying system;

(j) fuel pellet system;

(k) green fuel bin(s); and

(l) any other specific sources identified and designated in the application.

4.4.5 At all times during operation, the registration holder shall not exceed a visible emissions limit of 20% opacity, averaged over a period of six consecutive minutes, for each thermal energy system.

4.4.6 For the purposes of 4.4.4 and 4.4.5:

(a) a source is not considered to be in operation during start-up and after shutdown; and

(b) start-up and shutdown periods are considered no more than one hour each in duration, and not more than two hours total in any 24-hour period.

SECTION 4.5: Air Emission Limits for a New Sawmill Plant and an Existing Sawmill Plant with a Major Expansion

4.5.1 The registration holder shall comply with 4.5.2 through 4.5.6 for each new sawmill plant and each existing sawmill plant with a major expansion.

4.5.2 Releases into the atmosphere from each:

(a) wood waste incinerator;

(b) thermal energy system;

(c) drying kiln exhaust;

(d) sawmill dust collection system;

(e) planer mill dust collection system;

(f) log deck;

(g) dry fuel silo;

(h) natural gas fired heater(s);

(i) building ventilation fan exhaust(s);

(j) shaving bin(s);

(k) chip handling and conveying system;

(l) fuel pellet system;

(m) green fuel bin(s); and

(n) any other specific sources identified and designated in the application;

shall be:

(i) designed,

(ii) operated, and

(iii) maintained

so that the designed particulate matter release shall not exceed 0.09 g PM per kg of effluent.

4.5.3 The registration holder shall not exceed a maximum particulate matter release limit of 0.09 g PM per kg of effluent, for each thermal energy system.

4.5.4 At all times during operation, the registration holder shall not exceed a visible emissions limit of 10% opacity, averaged over a period of six consecutive minutes, for each:

(a) drying kiln exhaust;

(b) sawmill dust collection system;

(c) planer mill dust collection system;

(d) log deck;

(e) dry fuel silo;

(f) natural gas fired heater(s);

(g) building ventilation fan exhaust(s);

(h) shaving bin(s);

(i) chip handling and conveying system;

(j) fuel pellet system;

(k) green fuel bin(s); and

(l) other specified sources identified and designated in the application.

4.5.5 At all times during operation, the registration holder shall not exceed a visible emissions limit of 20% opacity, averaged over a period of six consecutive minutes, for each thermal energy system.

4.5.6 For the purposes of 4.5.4 and 4.5.5:

(a) a source is not considered to be in operation during start-up and after shutdown; and

(b) start-up and shutdown periods are considered no more than one hour each in duration, and not more than two hours total in any 24-hour period.

SECTION 4.6: Air Monitoring Requirements

4.6.1 The registration holder shall conduct the monitoring as set out in TABLE 4.6-A.

TABLE 4.6-A: Monitoring Requirements

Emission source	Parameter	Frequency	Method of Monitoring	Sample Location
Wood waste incinerator	Temperature	Continuous	Thermocouple	Top of incinerator
Thermal energy system	Particulate Matter	Yearly	Manual Stack Survey	Stack

4.6.2 The registration holder shall notify the Director in writing, a minimum of two weeks prior to any manual stack survey required pursuant to 4.6.1.

4.6.3 The manual stack survey required pursuant to 4.6.1 shall be conducted:

(a) when the plant is operating at no less than 80% of its capacity; and

(b) in accordance with the *Alberta Stack Sampling Code*, (1995) published by Alberta Environment, as amended.

PART 5: WASTEWATER REQUIREMENTS

SECTION 5.1: Industrial Wastewater

5.1.1 Subject to 5.1.2, the registration holder shall not release industrial wastewater from the sawmill plant to the surrounding watershed.

5.1.2 The registration holder shall manage industrial wastewater consisting only of condensate from the kilns, only using one of the following methods:

(a) store and dispose the condensate off-site to a facility that is the subject of a valid approval, registration or as otherwise authorized under the Act, or to a facility approved by a local environmental authority outside of Alberta, authorizing the disposal of such industrial wastewater;

(b) treat and release the condensate in compliance with release limits specified in writing by the Director;

(c) directly release the condensate in compliance with a soil and groundwater monitoring program as authorized by the Director; or

(d) manage the condensate in accordance with a written authorization by the Director.

5.1.3 All aboveground storage tanks containing any process chemicals or industrial wastewater, including but not limited to condensate from kilns, shall be:

(a) constructed;

(b) operated; and

(c) maintained

in accordance with the *Guideline for Secondary Containment for Above Ground Storage Tanks* (1997), published by Alberta Environment, as amended.

5.1.4 The registration holder shall not install any underground storage tanks.

SECTION 5.2: Industrial Runoff

5.2.1 The registration holder shall:

(a) within six (6) months after the date this Code of Practice comes into effect, or, in the case of a new sawmill plant, prior to commencement of operation, document a Industrial Runoff Management Plan for the management and control of industrial runoff from wood storage areas;

(b) maintain the Industrial Runoff Management Plan; and

(c) annually update the Industrial Runoff Management Plan.

5.2.2 The registration holder shall

(a) maintain the Industrial Runoff Management Plan on-site; and

(b) make the Industrial Runoff Management Plan available to the Director, an inspector, or an investigator upon request.

5.2.3 The registration holder shall not release industrial runoff in a manner that may result in the industrial runoff entering any surface water within 500 metres of the sawmill plant unless otherwise authorized in writing by the Director.

5.2.4 Floating solids must not be present in industrial runoff except in trace amounts.

5.2.5 Visible foam must not be present in industrial runoff except in trace amounts.

5.2.6 Oil or other substances must not be present in industrial runoff in amounts sufficient to create a visible film or sheen.

5.2.7 At least once per month during the period of March 1 through to October 30, the registration holder shall visually inspect all areas of release on the perimeter of the plant developed area for any potential impacts of industrial runoff on the environment including, but not limited to any flooding, erosion, discoloration of vegetation, visible sheen, floating material or debris.

5.2.8 After each visual inspection conducted in accordance with 5.2.7, the registration holder shall:

(a) record and describe the location, size and type of impacts from industrial runoff;

(b) report any impacts of industrial runoff on the environment to the Director immediately upon discovery, including actions that will be taken to mitigate the impact;

(c) take actions to mitigate the impact; and

(d) retain records of the perimeter inspection of industrial runoff and all actions taken to address any potential impacts.

SECTION 5.3: Domestic Wastewater Operational Requirements

5.3.1 The registration holder shall release domestic wastewater generated at the plant only to:

(a) a private sewage disposal system that complies with the *Safety Codes Act* and its regulations, as amended, for treatment and release of domestic wastewater;

(b) a wastewater system that uses a wastewater lagoon that is the subject of a registration under the Act;

(c) a holding tank from which all domestic wastewater is transferred to a wastewater system that is the subject of an approval or registration under the Act; or

(d) a wastewater system that is the subject of a valid approval, or registration under the Act or a private sewage disposal system that complies with the Safety Codes Act and its regulations, where the owner(s) of the wastewater system or the private sewage disposal system have provided prior written consent for the release.

5.3.2 The registration holder shall dispose of sludge produced by domestic wastewater management at the sawmill plant only at a facility that is the subject of an approval or registration under the Act to accept such waste.

5.3.3 The registration holder shall:

(a) construct; and

(b) operate

each domestic wastewater treatment plant in accordance with the *Standards and Guidelines for Municipal Waterworks, Wastewater and Storm Drainage Systems*, 2006, published by Alberta Environment, as amended.

SECTION 5.4: Domestic Wastewater Monitoring Requirements

Domestic Wastewater

5.4.1 The registration holder shall:

(a) monitor;

(b) measure; and

(c) maintain records of

the release of domestic wastewater from each wastewater lagoon as specified in Table 5.4-A.

5.4.2 The registration holder shall not discharge wastewater lagoon contents into the environment except between April 1st and November 30th in any particular year.

TABLE 5.4-A: Domestic Wastewater Lagoon Discharge Monitoring/Measuring Requirements

Parameters	Minimum Monitoring Frequency	Sampling Location	Sample Type
Total Flow (m^3/day)	Daily during discharge	Point at which treated wastewater is discharged from the wastewater lagoon	Estimate
Carbonaceous Biochemical Oxygen Demand	Once before discharge and once during discharge, after the first day of discharge	Point at which treated wastewater is discharged from the wastewater lagoon	Grab
Total Suspended Solids	Once during discharge, after the first day of discharge	Point at which treated wastewater is discharged from the wastewater lagoon	Grab

Groundwater

5.4.3 In addition to any other monitoring required pursuant to the Act, the regulations, or this Code of Practice, the registration holder shall conduct a groundwater monitoring program for each wastewater lagoon:

(a) where there was a requirement to conduct groundwater monitoring in the approval in effect just prior to the application of this Code of Practice to the particular wastewater system;

(b) that is new; or

(c) that has undergone a structural change that has the potential to affect the treatment.

5.4.4 The groundwater monitoring program shall:

(a) be designed by a professional engineer;

(b) be conducted in accordance with the design; and

(c) consist, at a minimum, of the following sampling:

for:

(i) a new wastewater lagoon or a lagoon that has undergone a structural change that has the potential to affect the treatment, obtain one sample from each groundwater monitoring well:

(A) prior to putting the new lagoon into operation; and

(B) within three months after the commencement of operation of the wastewater lagoon; and

(C) annually; and

(ii) a wastewater lagoon set out in 5.4.3(a), obtain the remainder of the samples required to complete the monitoring required under subsection 5.4.4(c)(i).

5.4.5 The registration holder shall analyze each sample obtained under the groundwater monitoring program for each of the following parameters:

(a) pH;

(b) conductivity;

(c) calcium;

(d) magnesium;

(e) total hardness;

(f) sodium;

(g) potassium;

(h) iron;

(i) total phosphorus;

(j) nitrate-nitrogen;

(k) nitrite-nitrogen;

(l) ammonia-nitrogen;

(m) chloride;

(n) fluoride;

(o) sulphate;

(p) carbonate;

(q) bicarbonate;

(r) total alkalinity;

(s) total dissolved solids (TDS);

(t) total Kjeldahl nitrogen (TKN); and

(u) chemical oxygen demand (COD).

5.4.6 In addition to the groundwater monitoring program required under 5.4.3, the registration holder shall take the following measurements at the location of each groundwater monitoring well:

(a) measure the depth to water at each groundwater monitoring well at the same time as monitoring is conducted pursuant to 5.4.3; and

(b) after the first year of operation of the wastewater lagoon, measure the depth to water at each groundwater monitoring well:

(i) immediately before wastewater lagoon discharge;

(ii) immediately after each wastewater lagoon discharge is complete; and

(iii) approximately one month after the end of each wastewater lagoon discharge.

5.4.7 The results of the groundwater monitoring shall be reviewed by a professional engineer for the purposes of determining any evidence of contamination of groundwater.

5.4.8 The registration holder shall immediately report to the Director any evidence of groundwater contamination as determined by the professional engineer pursuant to 5.4.7

PART 6: WASTE MANAGEMENT REQUIREMENTS

SECTION 6.1: General Waste Management

6.1.1 The registration holder shall:

(a) within six (6) months after this Code of Practice comes into effect, or, in the case of a new sawmill plant, prior to commencement of operation, document a Spill Response Plan for the sawmill plant;

(b) maintain the Spill Response Plan; and

(c) annually update the Spill Response Plan.

6.1.2 The registration holder shall not dispose of any waste to a wood waste incinerator or thermal energy system except:

(a) non-treated wood waste material generated from the operation of the sawmill plant or woodland operations;

(b) wastes consisting solely of paper;

(c) materials resulting from the clean-up of spills occurring during the operation of the sawmill plant or woodland operations; including no more than:

(i) 200 litres in volume of hydraulic and lubricating oils;

(ii) 200 litres in volume of fuel;

(iii) 5 litres in volume of engine oil; or

(iv) 20 litres in volume of antifreeze

per spill.

6.1.3 The registration holder shall not dispose of spilled waste in a wood waste incinerator or thermal energy systems in a manner that exceeds the total monthly volume limits in 6.1.2(c).

6.1.4 The registration holder shall dispose of waste generated at the sawmill plant only to:

(a) waste management facilities approved or registered under the Act to accept such waste; or

(b) facilities outside Alberta approved by a local environmental authority outside of Alberta to accept such waste.

6.1.5 The registration holder shall only:

(a) land spread bottom ash on the sawmill plant logyard if:

(i) the bottom ash meets all of the control limits set out in 6.1.6, as determined according to 6.1.6; and

(ii) the bottom ash is land spread in a manner that meets 6.1.8; or

(b) dispose of bottom ash at a landfill approved or registered under the Act to accept such waste.

6.1.6 The registration holder shall not land spread bottom ash unless the bottom ash quality meets all quality limits set out in Table 6.1-A.

TABLE 6.1-A: Bottom Ash Test Parameters, Methods and Quality Limits

Parameter	Test Method	Maximum Limit in mg of parameter/kg of bottom ash
Metals:		
Arsenic	U.S. EPA 3050 or 3051 and 6020	17
Barium	U.S. EPA 3050 or 3051 and 6010	750
Boron (Hot Water Soluble)	McKeague 4.61 or 4.62 or 4.63 or Carter 12.2	2
Cadmium	U.S. EPA 3050 or 3051 and 6010 or 6020	1.4
Chromium	U.S. EPA 3050 or 3051 and 6010 or 6020	64
Cobalt	U.S. EPA 3050 or 3051 and 6010 or 6020	20
Copper	U.S. EPA 3050 or 3051 and 6010 or 6020	63
Lead	U.S. EPA 3050 or 3051 and 6010 or 6020	70
Molybdenum	U.S. EPA 3050 or 3051 and 6010 or 6020	4
Nickel	U.S. EPA 3050 or 3051 and 6010	50
Selenium	U.S. EPA 3050 or 3051 and 6020	1
Vanadium	U.S. EPA 3050 or 3051 and 6010	130
Zinc	U.S. EPA 3050 or 3051 and 6010	200
Hydrocarbons:		
Benzo(a)pyrene	U.S. EPA 8270	0.069
Naphthalene	U.S. EPA 8270	0.069

6.1.7 The registration holder shall spread bottom ash on the sawmill plant logyard only in the following manner:

(a) bottom ash shall be applied in lifts of no more than 25 cm;

(b) bottom ash shall be applied in a manner so that dust does not blow off the sawmill plant; and

(c) bottom ash shall not be applied within 3 metres of any runoff ditches as designated in the Industrial Runoff Management Plan or watercourses in the log yard.

6.1.8 The registration holder shall only offer wood ash for use as a liming agent for agricultural soils if all the following conditions are met:

(a) the fuel used to create the wood ash meets the requirements of subsections:

(i) 2.2.1, and

(ii) 2.2.2

of the *Standards and Guidelines for the Use of Wood Ash as a Liming Material for Agricultural Soils*, Alberta Environment, 2002, as amended or replaced from time to time;

(b) the wood ash meets the requirements of subsection:

(i) 2.3.1, and

(ii) 2.3.2

of the *Standards and Guidelines for the Use of Wood Ash as a Liming Material for Agricultural Soils*, Alberta Environment, 2002, as amended or replaced from time to time;

(c) the registration holder has conducted all monitoring within:

(i) subsection 2.3.2, and

(ii) Table 2.1

of the *Standards and Guidelines for the Use of Wood Ash as a Liming Material for Agricultural Soils*, Alberta Environment, 2002, as amended or replaced from time to time;

(d) the wood ash complies with subsection 2.4.1 of the *Standards and Guidelines for the Use of Wood Ash as a Liming Material for Agricultural Soils*, Alberta Environment, 2002, as amended or replaced from time to time, with the exception of the control limit for boron;

(e) for wood ash that exceeds the control limit for boron as specified in subsection 2.4.1 of the *Standards and Guidelines for the Use of Wood Ash as a Liming Material for Agricultural Soils*, Alberta Environment, 2002, as amended or replaced from time to time:

(i) the registration holder has calculated the soil lime requirement of the receiving agricultural soil and the ash acid neutralizing value;

(ii) the registration holder has

(A) measured, and

(B) recorded

the boron in the receiving soil and ash;

(iii) the registration holder has

(A) calculated, and

(B) recorded

the projected post-application boron concentration in the receiving soil; and

(iv) the projected post-application boron concentration in the soil shall not exceed the boron criterion from the *Alberta Tier I Criteria for Contaminated Soil Assessment and Remediation*, Alberta Environment, 1994, as amended or replaced from time to time,

(f) the registration holder has complied with all other portions of section 2 of the *Standards and Guidelines for the Use of Wood Ash as a Liming Material for Agricultural Soils*, Alberta Environment, 2002, as amended.

SECTION 6.2: Waste Management Record Keeping and Reporting Requirements

6.2.1 The registration holder shall:

(a) record; and

(b) maintain a record of:

(i) the volume of wood waste disposed of for each month;

(ii) the method and location used to dispose of the wood waste; and

(iii) the name of the person responsible for the disposal of the wood waste.

6.2.2 The registration holder shall retain records of all chemical analyses results for the bottom ash for five (5) years from their creation.

6.2.3 The registration holder shall retain records of the following information:

(a) the volume and locations, including stockpiles, of bottom ash spread in the sawmill plant log yard; and

(b) the locations and volume of bottom ash disposed of at all approved and registered landfills.

6.2.4 The registration holder shall keep records of wood ash use in accordance with the requirements of section 2.5 of the *Standards and Guidelines for the*

Use of Wood Ash as Liming Materials for Agricultural Soils (2002), published by Alberta Environment, as amended.

PART 7: RECLAMATION REQUIREMENTS

7.1.1 Where the land surface has been disturbed during construction, expansion, modification or repair of the sawmill plant or any portion of the sawmill plant, the registration holder shall reclaim the surface of land to equivalent land capability.

7.1.2 No person shall commence reclamation until that person has received written authorization from the Director for the reclamation.

7.1.3 Within six months after the sawmill plant permanently ceases operation, the registration holder shall submit a reclamation plan to the Director.

7.1.4 The reclamation plan shall contain, at a minimum, the following information:

(a) proposed plan for wastewater discharge and sludge management prior to reclamation;

(b) a proposal for reclaiming all disturbed land to equivalent land capability, or a proposal for reuse of the site;

(c) the depth of topsoil at the wastewater lagoon prior to construction or, in the absence of that pre-construction depth, the depth of undisturbed topsoil on property adjacent to the site of the lagoon, unless use of the site for industrial or subdivision purposes is proposed;

(d) a record of the location and quantity of:

(i) all spills;

(ii) bottom ash applied; and

(iii) bottom ash stockpiles

on the sawmill plant.

(e) a description of the status of, and proposed measures to address:

(i) the final use of the reclaimed areas;

(ii) the proposed depth of topsoil to be replaced;

(iii) the restoration of the original contours of the land;

(iv) erosion control;

(v) weed control; and

(vi) revegetation

of the wastewater lagoon site; and

(f) any other information required by the Director in writing.

7.1.5 The registration holder shall conduct reclamation in accordance with the reclamation plan, as authorized by the Director in writing.

7.1.6 Within one (1) year from the date of completion of reclamation, the registration holder shall submit a final reclamation report to the Director.

7.1.7 The final reclamation report required under 7.1.6 shall contain, at a minimum, the following information:

(a) a statement of whether the site has achieved equivalent land capability;

(b) if the site has not achieved equivalent land capability, an explanation of the reason;

(c) confirmation of whether the topsoil was replaced in accordance with the reclamation plan;

(d) a description of the final land use;

(e) a description of the land contours of the site;

(f) a statement of whether the original contours of the site have been restored;

(g) if the original contours of the site have not been restored, an explanation of the reason;

(h) a description of steps taken to control erosion;

(i) a statement of the degree of success of the erosion control steps and further steps that will be taken;

(j) a list of species used for revegetation;

(k) a description of the weed control measures undertaken; and

(l) any other information required by the Director in writing.

PART 8: REPORTING REQUIREMENTS

Contravention Reporting

8.1.1 In addition to any other reporting required pursuant to this Code of Practice, the Act, or the regulations under the Act, the registration holder shall immediately report to the Director any contravention of this Code of Practice, either:

(a) by telephone at (780) 422-4505; or

(b) by a method:

(i) in compliance with the release reporting provisions in the Act and the regulations; or

(ii) authorized in writing by the Director.

8.1.2 In addition to the immediate report in 8.1.1, the registration holder shall provide a report to the Director:

(a) in writing; or

(b) by a method:

(i) in compliance with the release reporting provisions in the Act and the regulations; or

(ii) authorized in writing by the Director

within seven (7) calendar days of the discovery of the contravention, or within a time period specified in writing by the Director, unless the requirement for the report is waived by the Director.

8.1.3 The report required under 8.1.2 shall contain, at a minimum, the following information:

(a) a description of the contravention;

(b) the date of the contravention;

(c) the duration of the contravention;

(d) the legal land description of the location of the contravention;

(e) an explanation as to why the contravention occurred;

(f) a summary of all preventive measures and actions that were taken prior to the contravention;

(g) a summary of all measures and actions that were taken to mitigate any effects of the contravention;

(h) a summary of all measures that will be taken to address any remaining effects and potential effects related to the contravention;

(i) the number of the registration issued under the Act for the sawmill plant, and the name of the person who held the registration at the time the contravention occurred;

(j) the name and address of the person(s) responsible for operating the equipment at the time of the spill or the person(s) directly involved in the spill;

(k) the name, address, phone number and responsibilities of all persons who had charge, management or control of the sawmill at the time that the contravention occurred;

(l) a summary of proposed measures that will prevent future contraventions, including a schedule of implementation for these measures;

(m) any information that was maintained or recorded under this Code of Practice, as a result of the incident; and

(n) any other information required by the Director in writing.

8.1.4 The registration holder shall immediately report to the Director any evidence of groundwater contamination resulting from operation of the sawmill plant.

PART 9: RECORD KEEPING REQUIREMENTS

9.1.1 The registration holder shall:

(a) record the following information:

(i) all records that are required to be created under this Code of Practice;

(ii) annual records for the following:

(A) the performance of air pollution assessment equipment;

(B) details of any modifications to the plant operations;

(C) an annual summary of the wood waste incinerator temperature measurements; and

(D) a summary of the actions taken by the registration holder to minimize and reduce atmospheric emissions;

(iii) a summary of the status and the results of any atmospheric emissions reduction reports and studies that the registration holder either participated in or conducted independently;

(iv) all results of calibration of the temperature sensor;

(v) the results of all visual inspections conducted pursuant to 5.2.7; and

(vi) total hours of operation of the equipment on a monthly basis, including hours of shutdown and startup;

(vii) description of the quantity and type of all waste incinerated, on a monthly basis;

(viii) description of all maintenance and repairs to pollution abatement equipment including:

(A) the date of the maintenance or repairs;

(B) description of the maintenance or repairs conducted;

(C) the name of the contractor, company or individual conducting the maintenance or repairs; and

(D) the signature of the person conducting the maintenance; and

(ix) all monitoring results required pursuant to this Code of Practice; and

(b) keep the records required in (a) available for five (5) years from the date the record is created.

9.1.2 The registration holder shall:

(a) retain copies of the following records:

(i) applications submitted to the Department for a registration;

(ii) engineering plans and drawings for the sawmill plant, including but not limited to the design specification of the pollution abatement equipment technology;

(iii) engineering plans and drawings for the wastewater system;

(iv) project reports;

(v) construction documents;

(vi) record drawings;

(vii) a copy of all inspection reports issued by the Department regarding the sawmill plant;

(viii) all annual reports;

(ix) all registrations issued under the Act for the sawmill plant;

(x) a copy of any written authorizations issued regarding the sawmill plant;

(xi) a copy of the reclamation plan required under 7.1.3 of this Code of Practice;

(xii) any correspondence sent to the Department; and

(b) make the records required under (a) available for the life of the sawmill plant.

9.1.3 The results and records in 9.1.1(a)(ix) shall contain, at a minimum, all of the following information:

(a) the date, location and time of monitoring, and the name of the person collecting the sample;

(b) date of analysis;

(c) laboratory name and person responsible for performing analysis;

(d) the analytical method used; and

(e) the results of the analysis.

9.1.4 Upon request, the registration holder shall immediately provide any records, reports or data regarding the sawmill plant to the Director or an inspector.

PART 10: CODE OF PRACTICE ADMINISTRATION

10.1.1 This Code of Practice will be reviewed as changes in technological or other standards warrant.

SCHEDULE 1
Registration Information

Pursuant to 3.1.1(a) of this Code of Practice, all of the following information shall be provided to the Director, unless otherwise specified in writing by the Director.

General Information Regarding the Sawmill Plant

1. name of person (company) that will construct, operate or reclaim the sawmill plant;

2. operating name;

3. mailing address;

4. phone number;

5. facsimile number;

6. email address;

7. legal land description;

8. contact person;

9. annual actual or anticipated production of the sawmill plant;

10. diagram showing the general layout of the facility, including but not limited to actual or proposed:

    (a) stack locations,

    (b) log yards,

(c) wastewater discharge locations, and

(d) locations of any groundwater monitoring wells;

11. date of proposed start for any new sawmill plant;

Sawmill and Planermill

12. description of emission sources, including, but not limited to:

(a) location of stacks and vents,

(b) air flow rates,

(c) stack diameters, and

(d) exit air velocity;

13. abatement equipment on each source;

14. design specifications and manufacturer specifications for abatement technology;

Thermal Energy System

15. emission sources, including, but not limited to:

(a) location of stacks and vents,

(b) air flow rate,

(c) stack diameters,

(d) exit air velocity, and

(e) exit air temperature;

16. abatement equipment on each source;

17. design specifications and manufacturer specifications for abatement technology;

18. wood ash disposal mechanisms;

19. for newly installed thermal energy systems, the results of air quality models, conducted in accordance with the *Alberta Air Quality Model Guidelines* (2003), published by Alberta Environment, (Publication T/689) as amended;

Drying Kiln

20. kiln capacity;

21. design specifications;

22. heating medium (air, oil, etc.); and

23. heat source;

Domestic Wastewater

24. method of domestic wastewater handling;

25. engineering design drawings and specifications for the wastewater system if a wastewater lagoon is used; and

26. number and locations of groundwater monitoring wells utilized for wastewater lagoon(s);

Industrial Runoff

27. Industrial Runoff Management Plan for the management and control of industrial runoff from wood storage areas (e.g. logs, chips, bark, sawdust, hogfuel), which shall include a consideration of the approaches set out in Section 8 of the *Assessment of Log Yard Runoff in Alberta,* (2002), published by Alberta Environment, as amended; and

Groundwater Monitoring

28. proposed groundwater monitoring program, designed by a professional engineer.

Government Services

Vital Statistics

Notice of Change of Personal Name

(Change of Name Act)

All Notice of Change of Personal Names for 2006 can be viewed in print versions of the Alberta Gazette or on QP Source Professional.

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Health and Wellness

Hosting Expenses Exceeding $600.00
For the period April 1, 2006 to June 30, 2006

Function: Premier's Award for Healthy Workplaces luncheon
Date: April 7, 2006
Amount: $1,401.85
Location: Edmonton, Alberta
Purpose: To celebrate the winners of the Premier's Award for Healthy Workplaces.

Function: MLA Briefing with Aon Consulting Inc.
Date: April 28, 2006
Amount: $751.94
Location: Edmonton, Alberta
Purpose: To provide lunch for the MLAs for briefing which was done over the lunch hour.

Function: 2006 Health Regions Roundtable on Capital Planning
Date: April 26, 2006
Amount: $881.50
Location: Edmonton, Alberta
Purpose: Meet annually to discuss capital planning.

Function: Health Quality Council of Alberta Disclosure Training
Date: April 5, 2006
Amount: $2,441.74
Location: Edmonton, Alberta
Purpose: An evening session on disclosure training.

Function: Health Quality Council of Alberta Train the Trainer
Date: May 16 – 18, 2006
Amount: $1,600.84
Location: Edmonton, Alberta
Purpose: Disclosure Train the Trainer

Function: Continued work relating to the Alberta Health Technologies Decision Process Meeting of the Alberta Advisory Committee on Health Technologies
Date: May 2, 2006
Amount: $902.18
Location: Calgary, Alberta
Purpose: Committee meeting.

Function: Health Quality Council of Alberta Train the Trainer
Date: May 1 – 3, 2006
Amount: $2,751.66
Location: Calgary, Alberta
Purpose: Disclosure Train the Trainer

Function: National Health Lines Symposium hosted by the multi-jurisdictional health Lines Steering Committee
Date: April 27 & 28, 2006
Amount: $13,518.78
Location: Victoria, B.C.
Purpose: Meeting with the western provinces and territories to develop a long-term vision of strengthened infrastructure to support and further develop health lines across Canada.

Function: Continuing Care Systems Project
Date: May 3 7 31, 2006
Amount: $2,262.17
Location: Nisku, Alberta
Purpose: Provincial Implementation Work Group Meeting.

Function: Health Quality Council of Alberta Learning Lesson 1
Date: March 27 & 28, 2006
Amount: $9,314.14
Location: Calgary, Alberta
Purpose: Medical Reconciliation and Surgical Site Infection Collaboratives Learning Lesson 1.

International and Intergovernmental Relations

Hosting Expenses Exceeding $600.00
For the period April 1, 2006 to June 30, 2006

Function/Purpose: Luncheon for Bavarian Minister of State and European Affairs
Date: April 12, 2006
Amount: $1,136.55
Location: Edmonton, Alberta

Legislative Assembly

Appointment of First Board of Directors

(Alberta Association of Former MLAs Act)

Fred Bradley, MLA Pincher Creek-Crowsnest (PC) 1975 to 1993

Walter Alexander Buck, MLA Clover Bar (SC) 1967 to 1989

Ed Gibbons, MLA Edmonton-Manning (L) 1997 to 2001

Karen Leibovici, MLA Edmonton-Meadowlark (L) 1993 to 2001

Ian McClelland, MLA Edmonton-Rutherford (PC) 2001 to 2004

Don Tannas, MLA Highwood (PC) 1989 to 2004

Julius Yankowsky, MLA Edmonton-Beverly-Belmont (L) and (PC) and
MLA Edmonton-Beverly-Clareview (PC) 1993 to 2004

Safety Codes Council

Agency Accreditation

(Safety Codes Act)

Pursuant to Section 30 of the Safety Codes Act it is hereby ordered that

Electrical Safety Authority
Accreditation Organization ID A000805
Order of Accreditation No. 376803

Having satisfied the terms and conditions of the Safety Codes Council are authorized to provide services under the Safety Codes Act within their jurisdiction for **Electrical.**

Accredited Date: August 17, 2006. Issued Date: August 17, 2006.

Agency Accreditation

Pursuant to Section 30 of the Safety Codes Act it is hereby ordered that

ABC Inspection Services and Permitting Ltd.
Accreditation Organization ID A000809
Order of Accreditation No. 416629

Having satisfied the terms and conditions of the Safety Codes Council are authorized to provide services under the Safety Codes Act within their jurisdiction for **Building.** All parts of the Alberta Building Code.

Accredited Date: August 22, 2006. Issued Date: August 22, 2006.

Agency Accreditation

Pursuant to Section 30 of the Safety Codes Act it is hereby ordered that

ABC Inspection Services and Permitting Ltd.
Accreditation Organization ID A000809
Order of Accreditation No. 416636

Having satisfied the terms and conditions of the Safety Codes Council are authorized to provide services under the Safety Codes Act within their jurisdiction for **Electrical**.

Accredited Date: August 22, 2006. Issued Date: August 22, 2006.

Agency Accreditation

Pursuant to Section 30 of the Safety Codes Act it is hereby ordered that

ABC Inspection Services and Permitting Ltd.
Accreditation Organization ID A000809
Order of Accreditation No. 416643

Having satisfied the terms and conditions of the Safety Codes Council are authorized to provide services under the Safety Codes Act within their jurisdiction for **Gas.** All parts of the Canadian Gas Association, Propane and Natural Gas Codes, Alberta Amendments and Regulations excluding Propane and Natural Gas Highway and Vehicle Conversions..

Accredited Date: August 22, 2006. Issued Date: August 22, 2006.

Agency Accreditation

Pursuant to Section 30 of the Safety Codes Act it is hereby ordered that

ABC Inspection Services and Permitting Ltd.
Accreditation Organization ID A000809
Order of Accreditation No. 416656

Having satisfied the terms and conditions of the Safety Codes Council are authorized to provide services under the Safety Codes Act within their jurisdiction for **Plumbing.** All parts of the Canadian Plumbing Code, Alberta Amendments and Regulations, including Private Sewage Treatment and Disposal Systems.

Accredited Date: August 22, 2006. Issued Date: August 22, 2006.

Corporate Accreditation - Amendment

Pursuant to Section 28 of the Safety Codes Act it is hereby ordered that

Ineos Canada Partnership
Accredited Organization ID C000800
Order of Accreditation No. 343921

Due to the name change of **Innovene Canada Partnership** and having satisfied the terms and conditions of the Safety Codes Council are authorized to provide services under the Safety Codes Act within their jurisdiction for **Electrical**.

Accredited Date: December 15, 2005. Issued Date: August 17, 2006.

Corporate Accreditation - Amendment

Pursuant to Section 28 of the Safety Codes Act it is hereby ordered that

Ineos Canada Partnership
Accredited Organization ID C000800
Order of Accreditation No. 343914

Due to the name change of **Innovene Canada Partnership** and having satisfied the terms and conditions of the Safety Codes Council are authorized to provide services under the Safety Codes Act within their jurisdiction for **Fire.** All parts of the Alberta Fire Code, including Investigations.

Accredited Date: December 15, 2005. Issued Date: August 17, 2006.

Corporate Accreditation - Cancellation

Pursuant to Section 28(4) of the Safety Codes Act it is hereby ordered that

The Westaim Corporation
Accredited Organization ID C000104

The accreditation issued February 03, 1996 to administer the Safety Codes Act under the Order No. O00000706 in the discipline of **Electrical**, the corporation is to cease administration under the Safety Codes Act within its jurisdiction under this accreditation.

Date: August 22, 2006.

Municipal Accreditation - Amendment

Pursuant to Section 26 of the Safety Codes Act it is hereby ordered that

Village of Thorsby
Accredited Organization ID M000372
Order of Accreditation No. O00000539

Having satisfied the terms and conditions of the Safety Codes Council are authorized to provide services under the Safety Codes Act within their jurisdiction for **Fire**. All parts of the Alberta Fire Code, including Investigations excluding part 4 requirements for Tank Storage of Flammable and Combustible Liquids, excluding any or all things, processes or activities owned by or under the care and control of corporations accredited by the Safety Codes Council.

Accredited Date: December 18, 1995. Issued Date: August 22, 2006.

Joint Municipal Accreditation - Amendment

Pursuant to Section 26 of the Safety Codes Act it is hereby ordered that

Brazeau County
Town of Drayton Valley
Accredited Organization ID J000123
Order of Accreditation No. O00000416

Having satisfied the terms and conditions of the Safety Codes Council are authorized to provide services under the Safety Codes Act within their jurisdiction for **Fire**. All parts of the Alberta Fire Code, including Investigations excluding part 4 requirements for Tank Storage of Flammable and Combustible Liquids, excluding any or all things, processes or activities owned by or under the care and control of corporations accredited by the Safety Codes Council.

Accredited Date: December 7, 1995. Issued Date: August 22, 2006.

ADVERTISEMENTS

Notice of Certificate of Intent to Dissolve

(Business Corporations Act)

Notice is hereby given that a Certificate of Intent to Dissolve was issued to Eagle Eye Professional Video Analysis Ltd. on August 23, 2006.

Dated at Calgary, Alberta, August 23, 2006.

James W. Dunphy, *Solicitor*.

Public Sale of Land

(Municipal Government Act)

City of Lethbridge

Notice is hereby given that under the provisions of the Municipal Government Act, the City of Lethbridge will offer for sale, by public auction, in the Magrath Room (Room 135) on the main floor of City Hall, 910 – 4 Avenue South, Lethbridge, Alberta, on Friday, November 24, 2006, at 11:00 a.m., the following lands:

Plan	Block	Lot
1194C		6 & S 18 Ft of 7
2786HH	4	9
6581HV	14	34
7510445	14	8
7610543	14	108
7910001	8	15
8111265	3	14
7710705	31	55
406R	147	26 / 27
406R	169	29 / 30
406R	147	3
3788BD	12	S 1/2 of 1 / 4
625C	A	9 & E 1/2 of 8
406R	147	W 45 Ft of 28 / 32
406R	147	E 45 Ft of W 90 Ft of 28 / 32
406R	147	Pt of 28 / 32 E of W 90 Ft
406R	158	E 64 Ft of 24 / 26 Ex N 3 Ft of W 14 Ft of E 64 Ft of 26
4941AE		E 1/2 of 5 & W 1/2 of 6
7712JK	3	15

Each parcel will be offered for sale subject to a reserve bid and to the reservations and conditions contained in the existing Certificate of Title.

The City of Lethbridge may, after the public auction, become the owner of any parcel of land not sold at the public auction.

Terms: Cash

Redemption may be effected by payment of all arrears of taxes and costs at any time prior to the sale.

Dated at Lethbridge, Alberta, August 21, 2006.

Allan Hodge, *Assessment and Taxation Manager*.

Brazeau County

Notice is hereby given that under the provisions of the Municipal Government Act, Brazeau County will offer for sale, by public auction, at the County Office, 5516 Industrial Road, Drayton Valley, Alberta, on Thursday, November 23, 2006, at 10:00 a.m., the following lands:

Lot	Block	Plan	C. of T.	Location
3	1	199 KS	042560007	.4 acres
9 & 10	12	3504 KS	032172470	Lodgepole
1	1	912 2519	012015102	8.92 acres
2	1	942 3297	942324102	11.49 acres

Legal Land Description	C. of T.	Approx. Acres
SE 19-47-5-W5M	782019645	162
NE 20-47-5-W5M	792028618	161
SW 20-47-5-W5M	782019645A	161
NW 20-50-7-W5M	191S272	10

Each parcel will be offered for sale subject to a reserve bid and to the reservations and conditions contained in the existing Certificate of Title.

Brazeau County may, after the public auction, become the owner of any parcel of land not sold at the public auction.

Terms: Cash or certified cheque. Parcel will be sold "AS IS".

Redemption may be effected by payment of all arrears of taxes and costs at any time prior to the sale.

Dated at Drayton Valley, Alberta, August 29, 2006.

Ken Porter, *Municipal Manager*.

Flagstaff County

Notice is hereby given that under the provisions of the Municipal Government Act, Flagstaff County will offer for sale, by public auction, in the Flagstaff County Office, 4902 – 50 Street, Sedgewick, Alberta, on Wednesday, November 8, 2006, at 11:00 a.m., the following lands:

Legal Land Description	Acres	Certificate of Title
PT 08-42-13-W4M	4.53	942059894

Each parcel will be offered for sale subject to a reserve bid and to the reservations and conditions contained in the existing Certificate of Title.

Flagstaff County may, after the public auction, become the owner of any parcel of land not sold at the public auction.

Terms: Cash.

Redemption may be effected by payment of all arrears of taxes and costs at any time prior to the sale.

Dated at Sedgewick, Alberta, August 31, 2006.

S. Armstrong, *Chief Administrative Officer*.

County of Grande Prairie No. 1

Notice is hereby given that under the provisions of the Municipal Government Act, the County of Grande Prairie No. 1 will offer for sale, by public auction, in the County Administration Building, 10001 – 84 Avenue, Clairmont, Alberta, on Friday, November 17, 2006, at 2:00 p.m., the following lands:

Lot	Block	Plan	Quarter Section	C. of T.
1	1	4486KS	SE 16-74-8-W6	982170201
	1	4486KS	SE 16-74-8-W6	982170201
3		8353ET	NW 7-74-9-W6	992116209

Each parcel will be offered for sale subject to a reserve bid and to the reservations and conditions contained in the existing Certificate of Title.

The land is being offered for sale on an "as is, where is" basis, and the County of Grande Prairie No. 1 makes no representation and gives no warranty whatsoever as to the adequacy of services, soil conditions, land use districting, building and development conditions, absence or presence of environmental contamination, or the developability of the subject land for any intended use by the Purchaser. No bid will be accepted where the bidder attempts to attach conditions precedent to the sale of any parcel. No terms and conditions of sale will be considered other than those specified by the County of Grande Prairie No. 1. No further information is available at the auction regarding the lands to be sold.

Terms: 10% deposit and balance within 30 days of the Public Auction. G.S.T. will apply on lands sold at the public auction.

The County of Grande Prairie No. 1 may, after the public auction, become the owner of any parcel of land not sold at the public auction.

Redemption may be effected by payment of all arrears of taxes and costs at any time prior to the sale.

Dated at Clairmont, Alberta, August 17, 2006.

Bill Rogan, *County Administrator*.

County of Lethbridge

Notice is hereby given that under the provisions of the Municipal Government Act, the County of Lethbridge will offer for sale, by public auction, in the County Office, #100, 905 – 4th Avenue South, Lethbridge, Alberta, on Friday, November 17, 2006, at 9:00 a.m., the following lands:

Title	Linc	Plan	Block	Lot	M.RG.TWP.SC.PS	Acres
001237992	0026749747	9611384	1		4.21.009.13.SE	5.50
771035812	0018886333	6354JK	16	1	4.21.010.30.NW	
011105378	0017290289	7711369	1	22	4.21.010.30.NW	
001211259	0013508826				4.21.012.02.NW	158.97

Each parcel will be offered for sale subject to a reserve bid and to the reservations and conditions contained in the existing Certificate of Title.

The County of Lethbridge may, after the public auction, become the owner of any parcel of land not sold at the public auction.

Terms: Cash

Redemption may be effected by payment of all arrears of taxes and costs at any time prior to the sale.

Dated at Lethbridge, Alberta, August 28, 2006.

Robyn Singleton, *County Manager*.

County of Newell No. 4

Notice is hereby given that under the provisions of the Municipal Government Act, the County of Newell No. 4 will offer for sale, by public auction, in the Office of the County Administrator, Brooks, Alberta, on Tuesday, November 14, 2006, at 2:00 p.m., the following lands:

Lot Block Plan	Legal Description	Acres	C. of T.
Parcel "C", Plan 1380EU	NW 13-20-13-W4M	1.00	801 000 591
Parcel "A", Plan 344FD	NW 11-15-15-W4M	12.14	991 112 465
Lot 1, Block 7, Plan 1217BA	NE 13-20-13-W4M		041 192 110
Lot 3, Block 7, Plan 1217BA	NE 13-20-13-W4M		961 009 380 002
Lots 4-5, Block 7, Plan 1217BA	NE 13-20-13-W4M		961 009 830 002
Lot 4, Block 3, Plan 2123FB	SE 06-15-13-W4M		021 077 993
Block "X", Plan 6336AF	NE 24-17-13-W4M	0.30	951 110 687
Block "X", Plan 6336AF	NE 24-17-13-W4M	1.01	951 110 689
Lot 9, Block 1, Plan 8210258	SE 06-15-13-W4M		981 132 324

Each parcel will be offered for sale subject to a reserve bid and to the reservations and conditions contained in the existing Certificate of Title.

The County of Newell No. 4 may, after the public auction, become the owner of any parcel of land not sold at the public auction.

Terms: Cash

Redemption may be effected by payment of all arrears of taxes and costs at any time prior to the sale.

Dated at Brooks, Alberta, August 25, 2006.

A. Martens, *County Administrator*.

Smoky Lake County

Notice is hereby given that under the provisions of the Municipal Government Act, Smoky Lake County will offer for sale, by public auction, in the County Administration Building, 4612 McDougal Drive, Smoky Lake, Alberta, on Friday, October 27, 2006, at 1:30 p.m., the following lands:

	Lot	Block	Plan	Acres	C. of T.
SW 10-58-15-W4					822 198 439
NE 13-59-17-W4				130.10	892 253 079
SW 24-59-17-W4				160.00	882 037 283
Hamlet of Bellis	3,4	4	1039CL		032 193 333
Hamlet of Bellis	16,17	1	1039CL		862 184 196
Bonnie Lake Resort	4	2	7921626		852 214 478
Bonnie Lake Resort	15	4	8322040		982 292 150
Hamlet of Spedden	A		7722805		022 081 478
Hamlet of Spedden	18	1	1955CL		012 255 555
Hamlet of Warspite	11,12	4	314HW		972 313 902
Hamlet of Warspite	9	1	716CL		912 059 308
Wayetenau Lake Subdivision	8	2	7822612	3.34	002 233 394

Each parcel will be offered for sale subject to a reserve bid and to the reservations and conditions contained in the existing Certificate of Title.

These properties are being offered for sale on an "as is, where is" basis, and Smoky Lake County makes no representation and gives no warranty whatsoever as to the adequacy of services, soil conditions, land use districting, building and development conditions, absence or presence of environmental contamination, or the developability of the subject property for any intended use by the Purchaser.

No bid will be accepted where the bidder attempts to attach conditions precedent to the sale of any parcel. No terms or conditions will be considered other than those specified by Smoky Lake County. No further information is available at the auction regarding the lands to be sold.

Smoky Lake County may, after the public auction, become the owner of any parcel of land not sold at the public auction.

Terms: Cash. G.S.T. will apply on lands sold at the Public Auction.

Redemption may be effected by payment of all arrears of taxes and costs at any time prior to the sale.

Dated at Smoky Lake, Alberta, August 25, 2006.

Cary Smigerowsky, *Chief Administrative Officer*.

Sturgeon County

Notice is hereby given that under the provisions of the Municipal Government Act, Sturgeon County will offer for sale, by public auction, in the Council Chambers, Morinville, Alberta, on Friday, November 3, 2006, at 10:00 a.m., the following lands:

Land Description	Acres
SW 26-55-23-W4M	99.76
Fort Saskatchewan Settlement River Lot 30	.87

Lot	Block	Plan	Acres
2	1	9422382	.60
1		9922078	4.99
18	2	7621623	1.09
3	1	7821510	.22

Each parcel will be offered for sale subject to a reserve bid and to the reservations and conditions contained in the existing Certificate of Title.

Sturgeon County may, after the public auction, become the owner of any parcel of land not sold at the public auction.

Terms: Cash

Redemption may be effected by payment of all arrears of taxes and costs at any time prior to the sale.

Dated at Morinville, Alberta, August 28, 2006.

Case Van Herk, *Director, Corporate Services*.

Town of Athabasca

Notice is hereby given that under the provisions of the Municipal Government Act, the Town of Athabasca will offer for sale, by public auction, in the Town Administration Building, 4705 – 49 Avenue, Athabasca, Alberta, on Tuesday, November 21, 2006, at 2:00 p.m., the following lands:

Lot	Block	Plan
20	43	3309AN
10	2	64AJ
N 4, 5	40	7241AH
6	40	7241AH

Each parcel will be offered for sale subject to a reserve bid and to the reservations and conditions contained in the existing Certificate of Title.

The Town of Athabasca may, after the public auction, become the owner of any parcel of land not sold at the public auction.

Terms: Cash

Redemption may be effected by payment of all arrears of taxes and costs at any time prior to the sale.

Dated at Athabasca, Alberta, August 29, 2006.

Melody Wolansky, *Director of Finance & Administration*.

Town of Bonnyville

Notice is hereby given that under the provisions of the Municipal Government Act, the Town of Bonnyville will offer for sale, by public auction, in the Bonnyville Municipal Office, 4917 – 49 Avenue, Bonnyville, Alberta, on Wednesday, November 1, 2006, at 2:00 p.m., the following lands:

Lot	**Block**	**Plan**	**Title Number**
9	9	1672RS	032243714
8	12	3496HW	982031948
38	5	5170TR	892087102
Unit 3		8722621	042021082

Each parcel will be offered for sale subject to a reserve bid and to the reservations and conditions contained in the existing Certificate of Title.

The Town of Bonnyville may, after the public auction, become the owner of any parcel of land not sold at the public auction.

Terms: Cash/Certified Cheque/.Money Order, 10% down payment and the balance to be paid within 30 days. Reserving thereout all mines and minerals.

Redemption may be effected by payment of all arrears of taxes and costs at any time prior to the sale.

Dated at Bonnyville, Alberta, August 22, 2006.

Mike Power, *C.A.O.*

Village of Alix

Notice is hereby given that under the provisions of the Municipal Government Act, the Village of Alix will offer for sale, by public auction, at the Village of Alix office, 4849 – 50 Street, Alix, Alberta, on Wednesday, November 15, 2006, at 10:00 a.m., the following lands:

Lot	Block	Plan	C. of T.
13 & 14	2	RN30	022 045 280
7 & 8	B	7005AE	022 471 157
3	24	6151RS	942 069 948
31	24	5257TR	752 180 458
22	21	2441AI	022 391 734

Each parcel will be offered for sale subject to a reserve bid and to the reservations and conditions contained in the existing Certificate of Title.

The properties are being offered for sale on an "as is, where is" basis and the Village of Alix makes no representation and gives no warranty whatsoever as to the buildings or land conditions.

The Village of Alix may, after the public auction, become the owner of any parcel of land not sold at the public auction.

Terms: 10% deposit and the balance within 30 days of date of public auction. G.S.T. will apply on land sold at the public auction.

Redemption may be effected by payment of all arrears of taxes and costs at any time prior to the sale.

Dated at Alix, Alberta, August 24, 2006.

Eric Jerrard, *Acting Administrator*.

Notice of Court Ordered Bar Date

(Winding-up and Restructuring Act,
R.S.C., 1985, c.W-11 (as amended))

NOTICE TO CREDITORS OF A JUDGMENT FIXING A BAR DATE TO FILE ALL CLAIMS AGAINST KANSA GENERAL INTERNATIONAL INSURANCE COMPANY LTD., FORMERLY KANSA GENERAL INSURANCE COMPANY, (HEREINAFTER « KANSA ») IN WINDING-UP IN CANADA

NOTICE IS HEREBY GIVEN that by judgment rendered on August 31, 2006 in the file of the Superior Court of Quebec, district of Montreal, bearing number 500-05-002760-955, the Honourable Mr. Justice Jean-Yves Lalonde, J.S.C., fixed December 22, 2006 as the bar date to send in by registered mail all claims against Kansa in Canada to:

Mr. Ferdinand Alfieri
in his capacity as liquidator of
Kansa General International Insurance Company Ltd. in Canada
630 René-Lévesque Blvd. West
Suite 2875
Montreal, Quebec H3B 1S6

the whole in conformity with Section 71 of the *Winding-up and Restructuring Act*, R.S.C., 1985, c. W-11 (as amended). This section stipulates that:

> "**71. (1)** When the business of a company is being wound up under this Act, all debts and all other claims against the company in existence at the commencement of the winding-up, certain or contingent, matured or not, and liquidated or unliquidated, are admissible to proof against the company and, subject to subsection (2), the amount of any claim admissible to proof is the unpaid debt or other liability of the company outstanding or accrued at the commencement of the winding-up.
>
> **(2)** In case of any claim subject to any contingency or for unliquidated damages or which for any other reason does not bear a certain value, the court shall determine the value of the claim and the amount for which it shall rank."

The Court also ordered that any person who has not received a notice from the liquidator of Kansa in Canada in virtue of Section 75 of the *Winding-up and Restructuring Act* and who alleges to have any claim whatsoever against Kansa in Canada must file at the office of the said liquidator, at the latest by December 22, 2006, a proof of claim, supported by affidavit, providing all the particulars and relevant documents concerning such claim.

An integral copy of the aforementioned judgment can be obtained in the record of the Superior Court of Quebec, district of Montreal.

Please note that are only admissible to proof against Kansa the claims that existed at the commencement of the winding-up of Kansa in Canada, that is on March 3, 1995.

Montreal, September 7, 2006

FERDINAND ALFIERI,
in his capacity as liquidator of Kansa in Canada

NOTICE TO ADVERTISERS

The Alberta Gazette is issued twice monthly, on the 15th and last day.

Notices and advertisements must be received ten full working days before the date of the issue in which the notices are to appear. Submissions received after that date will appear in the next regular issue.

Notices and advertisements should be typed or written legibly and on a sheet separate from the covering letter. An electronic submission by email or disk is preferred. Email submissions may be sent to the Editor of The Alberta Gazette at albertagazette@gov.ab.ca. The number of insertions required should be specified and the names of all signing officers typed or printed. Please include name and complete contact information of the individual submitting the notice or advertisement.

Proof of Publication: Statutory Declaration is available upon request.

A copy of the page containing the notice or advertisement will be mailed to each advertiser without charge.

The dates for publication of Tax Sale Notices in The Alberta Gazette are as follows:

Issue of	*Earliest date on which sale may be held*
September 30	November 10
October 14	November 24
October 31	December 11
November 15	December 22
November 30	January 10
December 15	January 25
December 30	February 9
January 13	February 23
January 31	March 13
February 15	March 28
February 28	April 10
March 15	April 15
March 31	May 11

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qp@gov.ab.ca
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