

F: 1-866-337-8631 E: ecomark@ecomarkenv.com W: www.ecomarkenv.com

Phase I Environmental Site Assessment

Block 8, Plan 982 4271 Lacombe County, Alberta

Presented to

Jacqueline Penn A.D. Williams Engineering Ltd.



REVISION INDEX

В	July 11, 2008 June 20, 2008	Issue for Review Issue for Review	PW JMB	PW, DL	PW PW
A	June 20, 2006	issue for Review	JIVID	PVV, DL	PVV

LETTER OF TRANSMITTAL

July 11, 2008

Our Project Number: ADWIL-08105-00-0

Ms. Jacqueline Penn A.D. Williams Engineering Ltd. #210, 7240 Johnstone Drive Red Deer, AB T4P 3Y6

Dear Ms. Penn:

Re: Phase I Environmental Site Assessment Block 8, Plan 982 4271 Lacombe County, Alberta

We are pleased to present the above-referenced phase I environmental site assessment report (Report) for you and your financial institution's benefit and use in assessing the environmental integrity of the property known as Block 8, Plan 982 4271, Lacombe County, Alberta.

This Report is based on a visual, non-destructive inspection of the subject property and neighbouring properties, historical document searches, interviews and an air photo review and is supplemented by searches for environmental protection orders, an underground storage tank survey, a water well search and an Abacus Datagraphics Ltd. record search. This Report conforms to the Canadian Standards Association (CSA) Phase I Environmental Assessment criteria outlined in the CSA document Z768-01 (Reaffirmed 2006).

The opinions expressed in this Report are solely those of Ecomark Ltd. This Report is furnished in our capacity as consultants to A.D. Williams Engineering Ltd. (Client) for the project described in this Report and does not necessarily reflect the viewpoint of the Client. The Report is written for the benefit and use of the Client and their financial institution only. Conditions assessed are valid to the date of visual assessment and limited by the information that was shared by the third parties involved. This Report shall be valid for one month following the date of the Report. While every effort was made to confirm that the data collected from third parties is factual, complete and accurate, Ecomark Ltd. makes no guarantees or warranties whatsoever with respect to such data. Financial liability is limited to the invoiced amount of the report.

Requests for additional copies of this Report and revised letters of transmittal for institutions other than the originally named institution subsequent to the date of the Report shall be subject to additional fees.

Yours sincerely,

Paul A. Wagner, M.Sc., P.Geol.

Professional Seal

Jeannie Marie Blanchard, B.A.

MBlanchword



TABLE OF CONTENTS

E	XECUTIVE SUMMARY	1
1	SCOPE OF WORK	2
2	RECORDS REVIEW	
	2.1 HISTORICAL LAND TITLES. 2.2 HISTORICAL AIR PHOTOS. 2.3 PROPERTY USE RECORDS. 2.4 MUNICIPALITY RECORDS. 2.5 ENVIRONMENTAL PROTECTION ORDERS. 2.6 PETROLEUM TANK MANAGEMENT ASSOCIATION OF ALBERTA. 2.7 WATER WELL SURVEY. 2.8 ABADATA RECORD SEARCH. 2.9 PAST ENVIRONMENTAL REPORTS.	.3 .5 .5 .5 .5 .6
3	SITE ASSESSMENT	20.75
	3.1 PHYSICAL SETTING 3.2 LIMITATIONS 3.3 PROPERTY USE 3.4 HAZARDOUS MATERIALS 3.5 UNIDENTIFIED SUBSTANCES 3.6 STORAGE TANKS 3.7 STORAGE CONTAINERS 3.8 ODOURS 3.9 POTABLE WATER SUPPLY 3.10 BUILDINGS 3.11 EXTERIOR OBSERVATIONS 3.11.1 General 3.11.2 Neighbouring Properties 3.11.3 Topographic, Geologic, and Hydrogeologic Conditions 3.11.4 General Description of Structures 3.11.5 Wells 3.11.6 Sewage Disposal 3.11.7 Pits and Lagoons 3.11.8 Stained Materials 3.11.9 Stressed Vegetation 3.11.10 Fill 3.11.11 Watercourses, Ditches, or Standing Water 3.11.12 Roads, Parking Facilities, and Rights-of-Way	.8 .8 .9 .9 .9 .9 .9 .9 .9 .10 10 10 10 10
4	INTERVIEWS	
5	EVALUATION OF INFORMATION	
6	RECOMMENDATIONS	
7	REFERENCES	12

LIST OF FIGURES

Figure 1:	Site drawing.	13
Figure 2:	Map of area (Google Maps, 2008)	14
Figure 3:	Air photo (AS 5408, Photo #174)	14
	Scrap metal and metal covered with ceramic.	
Figure 5:	A shoe	15
Figure 6:	Scrap lumber and shingles	16
	Burned vegetation.	
	Marsh area	
Figure 9.	Area of standing water	17

APPENDICES

Appendix	1:	Land	Title	Survey
----------	----	------	-------	--------

Appendix 2: Environmental Protection Search

Appendix 3: Petroleum Tank Survey Appendix 4: Water Well Survey Appendix 5: AbaData Record Search Appendix 6: Disclosure Statements Appendix 7: Past Environmental Reports

Appendix 8: Qualifications and Information Pertaining to the Environmental Consultants



EXECUTIVE SUMMARY

At the request of Jacqueline Penn of A.D. Williams Engineering Ltd., Ecomark Ltd. was retained to perform a phase I environmental site assessment of the property known as Block 8, Plan 982 4271, Lacombe County, Alberta. Historical land titles (Appendix 1), historical documents, an interview (Appendix 6), air photo reviews, onsite inspections and inspections of nearby properties were supplemented by searches for environmental protection orders (Appendix 2), an underground storage tank survey (Appendix 3), a water well survey (Appendix 4) and an Abacus Datagraphics Ltd. record search (Appendix 5).

Findings and recommendations are found in section 6 of this phase I environmental site assessment report (Report).

The opinions expressed in this Report are solely those of Ecomark Ltd. This Report is furnished in our capacity as consultants to A.D. Williams Engineering Ltd. (Client) for the project described in this Report and do not necessarily reflect the viewpoint of the Client. The Report is written for the benefit and use of the Client only and may only be relied upon by the Client in connection with the phase I environmental site assessment. Conditions assessed are valid to the date of visual assessment and limited by the information that was shared by the third parties involved. While every effort is made to confirm that the data collected from third parties is factual, complete and accurate, Ecomark Ltd. makes no guarantees or warranties whatsoever with respect to such data. Financial liability is limited to the invoiced amount of the report.

1 SCOPE OF WORK

At the request of Jacqueline Penn of A.D. Williams Engineering Ltd., Ecomark Ltd. was retained to perform a phase I environmental site assessment of the property known as Block 8, Plan 982 4271, Lacombe County, Alberta. This assessment contains a records review, which includes:

- a) Historical land titles (Section 2.1 and Appendix 1);
- b) Historical air photos (Section 2.2 and Figure 2);
- c) Municipal records (Section 2.3 and 2.4, and Appendix 2);
- d) Environmental Law Centre records about enforcement actions (Section 2.5 and Appendix 2);
- e) Inventories of underground and aboveground storage tanks (Petroleum Tank Management Association of Alberta) (Section 2.6 and Appendix 3);
- f) Well logs or water well databases (Alberta Environment Groundwater System) (Section 2.7 and Appendix 4); and
- g) An Abacus Datagraphics Ltd. record search (Section 2.8 and Appendix 5).

This assessment also includes a site visit, interviews and an evaluation of information and reporting. The subject property was inspected on June 16, 2008.

2 RECORDS REVIEW

2.1 Historical Land Titles

Historical land titles were reviewed and are summarized in the following table. For more detail, see Appendix 1.

Table 2.1 Land Title Review

Block 8, Plan 982 4271

Date Range	Land Owner		
2006 - Present	Frank Wilson		
1998 - 2006	Sandy Point Farms Ltd.		

Block 1, Plan 792 1404 (Title cancelled and reissued as Plan 982 4269)

Date Range	Land Owner		
1998	Sandy Point Farms Ltd.		

Blocks 1 & 3, Plan 792 1404

Date Range	Land Owner		
1979 - 1998	Sandy Point Farms Ltd.		



2.2 Historical Air Photos

Air photos from 1949 to 2007 were observed.

22-Sep-1949 AS 150 #165 (1:40,000)

Subject Property: The subject property was predominately shoreline and cultivated agricultural land. There was a forested area at the western portion of the subject property and a forested ridge along the central portion of the subject property. Immediately east of the forested ridge, there was a floodplain with no visible vegetation.

Surrounding Properties: Gull Lake was located immediately east of the subject property. The surrounding properties were predominately agricultural and forested land. There is a large wetland in the quarter section northwest of the subject property.

30-Jun-1962 AS 822 #44 (1:31,680)

Subject Property: There was an access road along the southwestern portion of the subject property to several unidentified structures or buildings at the northwestern portion of the subject property. A portion of the forested area at the western portion of the subject property was removed. Shrubbery was establishing immediately east of the forested ridge within the floodplain.

Surrounding Properties: There was a farmyard immediately northwest of the subject property. There were several low-lying wet areas and ephemeral drainages on surrounding properties.

22-Aug-1966 AS 949 #189 (1:31,680)

Subject Property: There were no significant changes to the subject property.

Surrounding Properties: There were some unidentified structures in the cultivated agricultural land immediately southwest of the subject property. There were no other significant changes.

13-May-1969 AS 1014 #81 (1:31,680)

Subject Property: There were several game trails throughout the floodplain immediately east of the forested ridge. There were no other significant changes.

Surrounding Properties: There were no significant changes to the surrounding properties.



11-Aug-1975 AS 1440 #65 (1:31,680)

Subject Property: More shrubbery was growing immediately east of the forested ridge. There were no other significant changes.

Surrounding Properties: There were no significant changes to the surrounding properties.

24-Apr-1980 AS 2157 #194 (1:60,000)

Subject Property: There were no significant changes to the subject property.

Surrounding Properties: There were no significant changes to the surrounding properties.

22-Apr-1983 AS 2695 #206 (1:30,000)

Subject Property: There were no significant changes to the subject property.

Surrounding Properties: There was ice cover on Gull Lake. There were no other significant changes.

12-Jul-1987 AS 3610 #247 (1:30,000)

Subject Property: More shrubbery was growing immediately east of the forested ridge. There were no other significant changes.

Surrounding Properties: There were no significant changes to the surrounding properties.

4-Jun-1993 AS 4416 #171 (1:30,000)

Subject Property: There were no significant changes to the subject property.

Surrounding Properties: There was a lease site on the property south of the subject property.

13-May-1998 AS 4971 #15 (1:30,000)

Subject Property: The unidentified structures or buildings were removed from the northwestern portion of the subject property.

Surrounding Properties: The lease site south of the subject property was reclaimed.



• 31-May-2007 AS 5408 #174 (1:40,000)

Subject Property: There were no significant changes to the subject property.

Surrounding Properties: There was a large lease site and access road immediately west of the subject property. There was a large dugout at the same location as the former lease site south of the subject property.

2.3 Property Use Records

The subject property is zoned as Agricultural "A" land use by Lacombe County.

2.4 Municipality Records

Lacombe County was requested to report on any records of emergency response, landfills, property infractions, sewers use bylaw infractions and reduced property tax assessments due to soil degradation. They reported no bylaw investigations, tickets or prosecutions of any environmentally related events, as well as no record of landfills, waste sites, nuisance grounds or environmental incidents (Appendix 2).

2.5 Environmental Protection Orders

The Environmental Law Center was searched for matches to the following names: Frank Wilson and Sandy Point Farms Ltd. They reported no enforcement actions issued under the Alberta *Environmental Protection and Enhancement Act* (EPEA) or its predecessor legislation (Appendix 2)

The Environmental Law Center was also requested to perform a wellsite reclamation historical search for the property known as the south half of 12-41-1-W5M, the quarter sections containing the subject property. They reported no reclamation certificates issued for these quarter sections.

2.6 Petroleum Tank Management Association of Alberta

The Petroleum Tank Management Association of Alberta (PTMAA) was requested to report on any tanks at the south half of 12-41-1-W5M, the quarter sections containing the subject property. They reported that no active or abandoned storage tanks exist on the subject property (Appendix 3).

2.7 Water Well Survey

The Alberta Environment groundwater information system was searched for records of water wells on the subject property. According to Alberta Environment, there were three water wells registered on the section containing the subject property. It was unknown whether any of these wells were located on the subject property. These wells were used for industrial, stock and domestic water uses. Details of these wells can be found in Table 2.2 below and in Appendix 4.

There were eight water wells registered in the adjoining sections. These wells were used for unknown, domestic, and stock water uses. Details of these wells can be found in Table 2.3 below and in Appendix 4.



Table 2.2 Water Wells on the Section Containing the Subject Property

Well ID	Depth in Meters	Non-pumping Static level in Meters	Lithology Description
0435954	17.37	6.1	N/A
0435955	48.77	N/A	Sand and till over yellow clay and shale, greenish yellow shale, sand and till, gray shale, gray shale and rocks, gray sand, gray shale, gray sand, blue gray shale, light gray shale, brownish gray shale, and gray sand.
0497115	48.77	12.8	Clay over gray shale, green shale, gray shale, and gray sandstone.

Table 2.3 Water Wells on Surrounding Properties

Well ID	Depth in Meters	Non-pumping Static level in Meters	Lithology Description	
0341921	56.86	6.71	Clay over brown shale, brown sandstone, and varying layers of gray sandstone and gray shale.	
0341922	54.86	7.32	Brown clay over brown sandstone, brown shale, and varying layers of gray shale and gray sandstone.	
0341923	27.43	7.01	Brown clay over brown sandstone, brown shale, brownish green sandstone, brownish green fractured shale, gray shale, gray hard sandstone, and varying layers of gray shale and gray sandstone.	
0354465	38.1	N/A	N/A	
0435633	329.18	N/A	N/A	
0435956	15.24	N/A	N/A	
0435957	15.24	N/A	N/A	
0478956	36.58	4.57	N/A	
0497115	48.77	12.8	Clay over gray shale, green shale, gray shale, and gray sandstone.	
0435955	48.77	N/A	Sand and till over yellow clay and shale, greenish yellow shale, sand and till, gray shale, gray shale and rocks, gray sand, gray shale, gray sand, blue gray shale, light gray sand, brownish gray shale, and gray sand.	

2.8 AbaData Record Search

Abacus Datagraphics Ltd. provides a web-based, oilfield-mapping program (AbaData) that uses current information to graphically display the location of oilfield facilities within Alberta and provides information about

these facilities. The sources of this information include the Energy Resources Conservation Board (ERCB), Alberta Energy, Alberta Environment and AltaLIS.

AbaData reported one pipeline, four wells, no spills/complaints and no facilities located on the quarter sections containing the subject property, none of which appear to be on the subject property. One of the directionally drilled wells, however, does run through the subject property. Pipeline 24658-10 was an operating, natural gas pipeline licensed to Provident Energy Ltd. on April 20, 2001. Details of the wells can be found in Table 2.4 below and in Appendix 5.

On the quarter sections surrounding the subject property there was one pipeline, three wells, no spills/complaints and no facilities. Pipeline 24658-10 from the subject property, also ran through the surrounding properties. Details of the wells can be found in Table 2.5 below and in Appendix 5.

Table 2.4 Wells on the Section Containing the Subject Property

Well ID	Licensee	License Date	Well Type	Status
00/15-08-041-28 W4/2	Cabrerra Resources Ltd.	July 27, 2006	N/A	Commingled
W0/13-01-041-01 W5/0	Chevron Canada Limited	September 2, 1953	N/A	Abandoned (September 3, 1953)
00/14-01-041-01 W5/3	Progress Energy Ltd.	August 23, 2000	N/A	Flowing Gas
00/06-12-041-01 W5/0	Provident Energy Ltd.	August 16, 2000	N/A	Flowing Gas

Table 2.5 Wells on the Surrounding Properties

Well ID	Licensee	License Date	Well Type	Status
00/15-08-041-28 W4/2	Cabrerra Resources Ltd.	July 27, 2006	N/A	Commingled
W0/13-01-041-01	Chevron Canada Limited	September 2,	N/A	Abandoned (September 3,
W5/0		1953		1953)
00/14-01-041-01 W5/3	Progress Energy Ltd.	August 23, 2000	N/A	Flowing Gas

2.9 Past Environmental Reports

A phase I environmental site assessment was perform on the subject property in 2003. However, Ecomark Ltd. did not have access to this report.

3 SITE ASSESSMENT

3.1 Physical Setting

The subject property is located in the Dry Mixedwood Natural Subregion of Alberta.

The Dry Mixedwood Natural Subregion is the second largest subregion of Alberta. Elevations range from 200 m to 1225 m. Level to gently undulating glacial till or lacustrine plains are characteristic of this region (ANHIC, 2006).



Vegetation in the Dry Mixedwood Natural Subregion is characterized by aspen forests and cultivated landscapes (ANHIC, 2006).

Soils in this region are predominantly Gray Luvisols with Dark Gray Chernozems and Luvisols, Organics, Gleysols, Dystric Brunisols, Eutric Brunisols and trace amounts of Regosols (ANHIC, 2006).

The Dry Mixedwood Natural Subregion has a mean annual temperature of 1.1 degrees Celsius, with a mean daily maximum temperature of 22.4 degrees Celsius and a mean daily minimum temperature of -22.3 degrees Celsius. The frost-free period is 98 days. The mean annual precipitation of this subregion is 460.6 mm, with a growing season (April to August) mean precipitation of 324.2 mm (ANHIC, 2006).

3.2 Limitations

The entire property was visible and Ecomark Ltd. had access to most of the subject property. Some areas of the subject property had water that impeded Ecomark Ltd.'s access.

3.3 Property Use

The subject property was located at Block 8, Plan 982 4271, Lacombe County, Alberta. The total area of the site was 70.397 ha. The subject property was agricultural and forested land.

3.4 Hazardous Materials

There is <u>no visible evidence</u> of the following environmental hazards:

- Outside or inside transformers containing polychlorinated biphenyls (PCBs)
- · Urea formaldehyde
- Perchloroethylene
- Mercury
- Air pollution
- Incineration
- Lead-based paints
- Lead piping
- Treated wood
- Ozone depleting materials
- Chronic contamination
- Biological hazards
- Waste water
- Chlorofluorocarbons
- Stressed vegetation
- Radon and methane gas
- Radioactive materials and equipment
- Asbestos-containing materials (ACMs)
- Evidence of past pollution



- Disposal of waste
- Mould or indications of mould (water damage)
- Acids and/or other chemicals
- Hydrocarbons

There is evidence of the following constituents of concern:

Pesticides or herbicides (Section 3.11.9)

3.5 Unidentified Substances

No unidentified substances were found on the subject property during the course of the site inspection.

3.6 Storage Tanks

No storage tanks were found on the subject property during the course of the site inspection.

3.7 Storage Containers

No storage containers were found on the subject property during the course of the site inspection.

3.8 Odours

No odours were detected on the subject property at the time of inspection.

3.9 Potable Water Supply

No potable water supply was found on the subject property during the course of the site inspection.

3.10 Buildings

No buildings were found on the subject property at the time of inspection.

3.11 Exterior Observations

3.11.1 General

Scrap metal and metal coated with ceramic was found on the subject property as was a shoe, scrap lumber and shingles (Figures 4-6).

3.11.2 Neighbouring Properties

- Directly west of the property: Agricultural land and a lease area.
- · Directly east of the property: Gull Lake and a lease area.
- Directly south of the property: Forested and agricultural land.
- Directly north of the property: Forested land.

3.11.3 Topographic, Geologic, and Hydrogeologic Conditions

The subject property was hilly and sloped to the east.



3.11.4 General Description of Structures

No structures were found on the subject property during the course of the site inspection.

3.11.5 Wells

No wells were found on the subject property during the course of the site inspection.

3.11.6 Sewage Disposal

No connection to a sewage disposal system was found during the course of the site inspection.

3.11.7 Pits and Lagoons

No pits or lagoons were found on the subject property during the course of the site inspection.

3.11.8 Stained Materials

No stained materials were found on the subject property during the course of the site inspection.

3.11.9 Stressed Vegetation

Some burned vegetation was found near the cultivated area of the subject property (Figure 7). It appeared to be due to excess use of agricultural products.

3.11.10 Fill

No fill was found on the subject property during the course of the site inspection.

3.11.11 Watercourses, Ditches, or Standing Water

There was a marsh, approximately 100-200 meters width along the east border of the subject property bordering Gull Lake. Areas of standing water, possibly due to the ground being saturated, were found near and on the quad trails.

3.11.12 Roads, Parking Facilities, and Rights-of-Way

No roads, parking facilities or rights-of-way were found on the subject property during the course of the site inspection.

4 INTERVIEWS

The property owner declined to complete the environmental questionnaire.

5 EVALUATION OF INFORMATION

The subject property was 70.397 ha of land located at Block 8, Plan 982 4271, Lacombe County, Alberta. It was zoned Agricultural "A" land use by Lacombe County.

A review of historical air photos indicated that the subject property was agricultural land with some treed areas in the 1949 photograph. In the 1962 photograph there were several buildings located in the northwestern portion of the subject property, which were removed by the 1998 photograph.



Lacombe County reported no records for the subject property pertaining to items of environmental concern.

The Environmental Law Center reported no enforcement actions against Frank Wilson or Sandy Point Farms Ltd.

According to the Petroleum Tank Management Association of Alberta, there were no aboveground or underground storage tanks located on the subject property.

A search of Alberta Environment's groundwater information system revealed three water wells located on the section containing the subject property. These wells were used for industrial, stock and unknown water uses.

AbaData reported no pipelines, wells, spills/complaints or facilities on the subject property.

A site inspection showed the subject property to be predominantly agricultural land with some treed areas and marsh. Some burned vegetation was found on the subject property. No hazardous materials, storage tanks, or staining were found on the subject property.

6 RECOMMENDATIONS

A.D. Williams Engineering Ltd. should be aware that a directionally drilled well runs through the subject property. Any releases that may occur from this well are the responsibility of the licensee, Provident Energy Ltd.

Based on our findings of the review of documents pertaining to the subject property and a site inspection, the greatest potential environmental liability is associated with the operating gas well located immediately west of the subject property. All contamination associated with the well is the responsibility of the licensee, Provident Energy Ltd.

Nonetheless, it is recommended that a phase II environmental site assessment be conducted along the subject property boundary to determine if any hydrocarbon, salt or metal contamination has migrated on to the subject property.



7 REFERENCES

Abacus Datagraphics Ltd. Accessed June 12 and 17, 2008 www.abacusdatagraphics.com

Alberta Environment Groundwater Information System. Accessed June 12 and 17, 2008. http://www.telusgeomatics.com/tqpub/ag_water/

Alberta Natural Heritage Information Centre (ANHIC). 2006. Natural Regions and Subregions of Alberta.

Alberta Registries. June 12, 2008. Historical Land Title for the subject property.

Alberta Sustainable Resource Development. 2007. Air photo AS5408 #174.

Lacombe County. June 11, 2008. Letter response on the subject of property infractions.

Environmental Law Centre. June 13, 2008. Searches for enforcement actions.

Environmental Law Centre. June 9, 2008. Searches for reclamation certificates.

Google Maps. Accessed June 18, 2008. http://www.maps.google.ca.

Petroleum Tank Management Association of Alberta. June 9, 2008. Tank report.

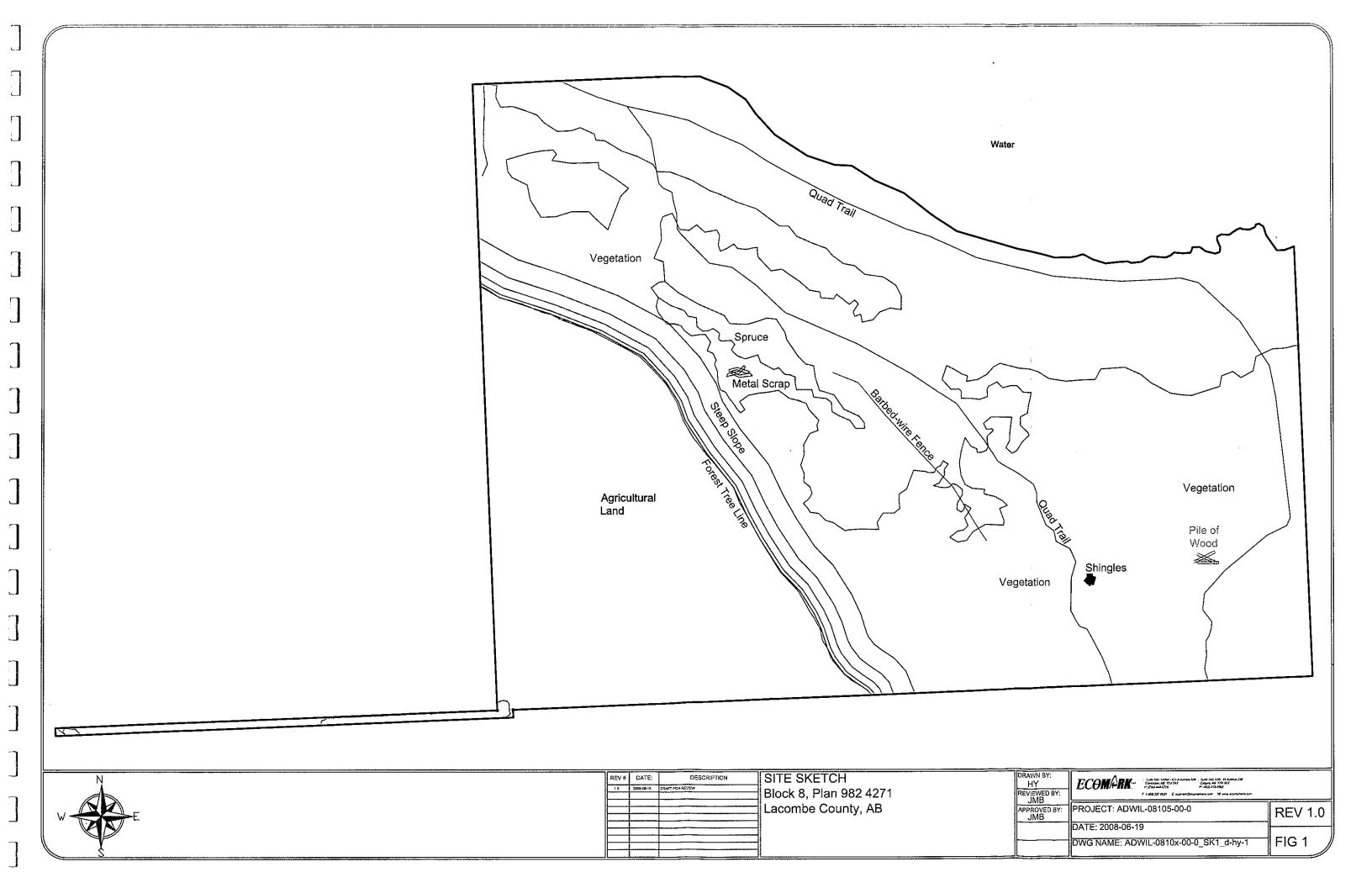




Figure 2: Map of area (Google Maps, 2008).



Figure 3: Air photo (AS 5408, Photo #174).



Figure 4: Scrap metal and metal covered with ceramic.



Figure 5: A shoe.



Figure 6: Scrap lumber and shingles.



Figure 7: Burned vegetation.



Figure 8: Marsh area.



Figure 9: Area of standing water.

Appendix 1: Land Title Survey





HISTORICAL LAND TITLE CERTIFICATE

CURRENT TITLE WITH HISTORICAL DATA

s

LINC 0027 602 390

SHORT LEGAL

9824271;8

TITLE NUMBER 062 247 958 +3

LEGAL DESCRIPTION

DESCRIPTIVE PLAN 9824271

BLOCK 8

EXCEPTING THEREOUT ALL MINES AND MINERALS

AREA: 70.397 HECTARES (173.95 ACRES) MORE OR LESS

ATS REFERENCE: 5;1;41;1;NW ATS REFERENCE: 5;1;41;12;S

ESTATE: FEE SIMPLE

MUNICIPALITY: LACOMBE COUNTY

REFERENCE NUMBER: 982 263 209

REGISTERED OWNER(S)

REGISTRATION DATE (DMY) DOCUMENT TYPE VALUE

CONSIDERATION

062 247 958 12/06/2006 TRANSFER OF LAND

CASH TO MORTGAGE

OWNERS

FRANK WILSON OF 8-10ST SYLVAN LAKE ALBERTA T4S 2P3

ENCUMBRANCES, LIENS & INTERESTS

REGISTRATION

NUMBER DATE (D/M/Y) PARTICULARS

062 247 959 12/06/2006 MORTGAGE

MORTGAGEE - CANADIAN WESTERN BANK.

4822-51 AVE RED DEER

ENCUMBRANCES, LIENS & INTERESTS

> PAGE 2 # 062 247 958 +3

REGISTRATION

NUMBER DATE (D/M/Y) PARTICULARS

ALBERTA T4N4H3

ORIGINAL PRINCIPAL AMOUNT: \$2,600,000

062 247 960 12/06/2006 CAVEAT

> RE : ASSIGNMENT OF RENTS AND LEASES CAVEATOR - CANADIAN WESTERN BANK.

4822 51AVE RED DEER ALBERTA

AGENT - DONALD J SINCLAIR.

TOTAL INSTRUMENTS: 002

THE REGISTRAR OF TITLES CERTIFIES THIS TO BE AN ACCURATE REPRODUCTION OF THE CERTIFICATE OF TITLE REPRESENTED HEREIN THIS 12 DAY OF JUNE, 2008 AT 08:09 A.M.

ORDER NUMBER:11528577

CUSTOMER FILE NUMBER: 6866333



END OF CERTIFICATE

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

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



HISTORICAL LAND TITLE CERTIFICATE

TITLE CANCELLED ON JUNE

12,2006

S

LINC 0027 602 390 SHORT LEGAL 9824271;8 TITLE NUMBER

982 263 209

LEGAL DESCRIPTION

DESCRIPTIVE PLAN 9824271

BLOCK 8

EXCEPTING THEREOUT ALL MINES AND MINERALS

AREA: 70.397 HECTARES (173.95 ACRES) MORE OR LESS

ATS REFERENCE: 5;1;41;1;NW ATS REFERENCE: 5;1;41;12;S

ESTATE: FEE SIMPLE

MUNICIPALITY: LACOMBE COUNTY

REFERENCE NUMBER: 982 263 107 +1

982 263 029

REGISTERED OWNER(S)

REGISTRATION DATE (DMY) DOCUMENT TYPE VALUE CONSIDERATION

982 263 209 01/09/1998 DESCRIPTIVE PLAN

OWNERS

SANDY POINT FARMS LTD.

OF BOX 119

BENTLEY

ALBERTA TOC 0J0

(DATA UPDATED BY: CHANGE OF ADDRESS 052404536)

ENCUMBRANCES, LIENS & INTERESTS

REGISTRATION

NUMBER DATE (D/M/Y) PARTICULARS

PAGE 2 # 982 263 209

982 263 212 01/09/1998 REQUEST FOR RELEASE OF D.C.T.

DCT ISSUED

SURRENDERED BY 062247958

052 404 536

21/09/2005 CHANGE OF ADDRESS FOR SERVICE

RE: SANDY POINT FARMS LTD.

BOX 119 BENTLEY

ALBERTA TOCOJO

AFFECTS INSTRUMENT: 982263209

062 247 958 12/06/2006 TRANSFER OF LAND

OWNERS - FRANK WILSON

8-10ST SYLVAN LAKE ALBERTA T4S2P3

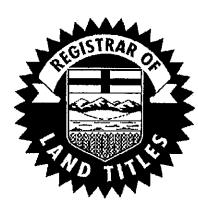
NEW TITLE ISSUED

TOTAL INSTRUMENTS: 003

THE REGISTRAR OF TITLES CERTIFIES THIS TO BE AN ACCURATE REPRODUCTION OF THE CERTIFICATE OF TITLE REPRESENTED HEREIN THIS 12 DAY OF JUNE, 2008 AT 08:09 A.M.

ORDER NUMBER:11528577

CUSTOMER FILE NUMBER: 6866333



END OF CERTIFICATE

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

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



HISTORICAL LAND TITLE CERTIFICATE

TITLE CANCELLED ON SEPTEMBER 01,1998

S

LINC

SHORT LEGAL

TITLE NUMBER 982 263 107 +1

0012 739 769 7921404;1

PLAN 7921404

LEGAL DESCRIPTION

BLOCK ONE (1)

CONTAINING 69.8 HECTARES (172.50 ACRES) MORE OR LESS.

EXCEPTING THEREOUT ALL MINES AND MINERALS

ATS REFERENCE: 5;1;41;12;S

ESTATE: FEE SIMPLE

MUNICIPALITY: LACOMBE COUNTY

REFERENCE NUMBER: 982 263 029 +4

REGISTERED OWNER(S)

REGISTRATION DATE (DMY) DOCUMENT TYPE VALUE

CONSIDERATION

982 263 107 01/09/1998 DESCRIPTIVE PLAN

OWNERS

SANDY POINT FARMS LTD.

OF #800, 335-8 AVENUE SW, CALGARY

ALBERTA

ENCUMBRANCES, LIENS & INTERESTS

REGISTRATION

NUMBER DATE (D/M/Y) PARTICULARS

982 263 209 01/09/1998 DESCRIPTIVE PLAN

AFFECTED LAND: 7921404;1 CANCELLED IN FULL

TITLE CANCELLED IN FULL

ENCUMBRANCES, LIENS & INTERESTS

REGISTRATION

NUMBER DATE (D/M/Y) PARTICULARS

PAGE 2 # 982 263 107 +1

AFFECTED PLAN: 9824271

TOTAL INSTRUMENTS: 001

THE REGISTRAR OF TITLES CERTIFIES THIS TO BE AN ACCURATE REPRODUCTION OF THE CERTIFICATE OF TITLE REPRESENTED HEREIN THIS 12 DAY OF JUNE, 2008 AT 08:09 A.M.

ORDER NUMBER:11528577

CUSTOMER FILE NUMBER: 6866333



END OF CERTIFICATE

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

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



HISTORICAL LAND TITLE CERTIFICATE

TITLE CANCELLED ON SEPTEMBER 01,1998

S

LINC

SHORT LEGAL

TITLE NUMBER 982 263 029

0027 602 341

9824269;4

LEGAL DESCRIPTION PLAN 9824269

BLOCK 4

EXCEPTING THEREOUT ALL MINES AND MINERALS AREA: 0.59 HECTARES (1.46 ACRES) MORE OR LESS

ESTATE: FEE SIMPLE ATS REFERENCE: 5;1;41;1

MUNICIPALITY: LACOMBE COUNTY

REFERENCE NUMBER: 792 125 982

REGISTERED OWNER(S)

REGISTRATION DATE (DMY) DOCUMENT TYPE VALUE

CONSIDERATION

982 263 029 01/09/1998 SUBDIVISION PLAN

OWNERS

SANDY POINT FARMS LTD. OF #800, 335-8 AVENUE SW, CALGARY ALBERTA

ENCUMBRANCES, LIENS & INTERESTS

REGISTRATION

NUMBER DATE (D/M/Y) PARTICULARS

982 263 209 01/09/1998 DESCRIPTIVE PLAN

AFFECTED LAND:

9824269;4 CANCELLED IN FULL

TITLE CANCELLED IN FULL

AFFECTED PLAN:

9824271

TOTAL INSTRUMENTS: 001

THE REGISTRAR OF TITLES CERTIFIES THIS TO BE AN ACCURATE REPRODUCTION OF THE CERTIFICATE OF TITLE REPRESENTED HEREIN THIS 12 DAY OF JUNE, 2008 AT 08:09 A.M.

ORDER NUMBER:11528577

CUSTOMER FILE NUMBER: 6866333



END OF CERTIFICATE

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

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



HISTORICAL LAND TITLE CERTIFICATE

TITLE CANCELLED ON SEPTEMBER 01,1998

S

LINC SHORT LEGAL 0012 739 769 7921404;1 0027 602 333 7921404;3

TITLE NUMBER 982 263 029 +4

LEGAL DESCRIPTION

FIRST

PLAN 7921404 BLOCK ONE (1) CONTAINING 69.8 HECTARES (172.50 ACRES) MORE OR LESS. EXCEPTING THEREOUT ALL MINES AND MINERALS

ATS REFERENCE: 5;1;41;12;S

SECOND

PLAN 7921404 BLOCK THREE (3) CONTAINING 135 HECTARES (333.6 ACRES) MORE OR LESS. EXCEPTING THEREOUT:

HECTARES (ACRES) MORE OR LESS
A) PLAN 9824269 SUBDIVISION 36.527 90.26

EXCEPTING THEREOUT ALL MINES AND MINERALS

ATS REFERENCE: 5;1;41;1 ESTATE: FEE SIMPLE

MUNICIPALITY: LACOMBE COUNTY

REFERENCE NUMBER: 792 125 982

REGISTERED OWNER(S)

REGISTRATION DATE (DMY) DOCUMENT TYPE VALUE CONSIDERATION

982 263 029 01/09/1998 SUBDIVISION PLAN

OWNERS

SANDY POINT FARMS LTD. OF #800, 335-8 AVENUE SW, CALGARY

ENCUMBRANCES, LIENS & INTERESTS

REGISTRATION

NUMBER DATE (D/M/Y)

PARTICULARS

982 263 107 01/09/1998 DESCRIPTIVE PLAN

AFFECTED LAND: 7921404;3 CANCELLED IN FULL

NEW TITLE ISSUED FOR THE REMAINDER AFFECTED PLAN: 9824270

TOTAL INSTRUMENTS: 001

THE REGISTRAR OF TITLES CERTIFIES THIS TO BE AN ACCURATE REPRODUCTION OF THE CERTIFICATE OF TITLE REPRESENTED HEREIN THIS 12 DAY OF JUNE, 2008 AT 08:09 A.M.

ORDER NUMBER:11528577

CUSTOMER FILE NUMBER: 6866333

END OF CERTIFICATE

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

THE ABOVE PROVISIONS DO NOT PROHIBIT THE ORIGINAL PURCHASER FROM INCLUDING THIS UNMODIFIED PRODUCT IN ANY REPORT, OPINION, APPRAISAL OR OTHER ADVICE PREPARED BY THE ORIGINAL PURCHASER AS PART OF THE ORIGINAL

PURCHASER APPLYING PROFESSIONAL, CONSULTING OR TECHNICAL EXPERTISE FOR THE BENEFIT OF CLIENT(S).



HISTORICAL LAND TITLE CERTIFICATE

TITLE CANCELLED ON SEPTEMBER 01,1998

LINC SHORT LEGAL

0012 739 769 7921404;1

0012 739 777 7921404;3 TITLE NUMBER 792 125 982

LEGAL DESCRIPTION

FIRST

PLAN 7921404

BLOCK ONE (1)

CONTAINING 69.8 HECTARES (172.50 ACRES) MORE OR LESS.

EXCEPTING THEREOUT ALL MINES AND MINERALS

ATS REFERENCE: 5;1;41;12;S

SECOND

PLAN 7921404

BLOCK THREE (3)

CONTAINING 135 HECTARES (333.6 ACRES) MORE OR LESS.

EXCEPTING THEREOUT ALL MINES AND MINERALS

ATS REFERENCE: 5;1;41;1

ESTATE: FEE SIMPLE

MUNICIPALITY: LACOMBE COUNTY

REGISTERED OWNER(S)

REGISTRATION DATE (DMY) DOCUMENT TYPE VALUE

CONSIDERATION

792 125 982 04/06/1979

\$70,086

OWNERS

SANDY POINT FARMS LTD.

OF #800, 335-8 AVENUE SW, CALGARY

ALBERTA

ENCUMBRANCES, LIENS & INTERESTS

PAGE 2

REGISTRATION

NUMBER DATE (D/M/Y)

PARTICULARS

792 125 982

752 176 698

03/12/1975 RESTRICTIVE COVENANT

982 263 028

01/09/1998 DISCHARGE OF RESTRICTIVE COVENANT 752176698

982 263 029

01/09/1998 SUBDIVISION PLAN 9824269 AFFECTED LAND: 792

7921404;3 CANCELLED AS TO

PART

NEW TITLE ISSUED FOR THE REMAINDER

TOTAL INSTRUMENTS: 003

THE REGISTRAR OF TITLES CERTIFIES THIS TO BE AN ACCURATE REPRODUCTION OF THE CERTIFICATE OF TITLE REPRESENTED HEREIN THIS 12 DAY OF JUNE, 2008 AT 08:09 A.M.

ORDER NUMBER:11528577

CUSTOMER FILE NUMBER: 6866333



END OF CERTIFICATE

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

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

Tertificate of Title

NO. 7 9 2 1 2 5 9 8 2

REF. 7 5 2 1 7 6 7 0

VALUES 7 0 0 8 6 2 3

M RG. TWP. SEC. 0. PT.

Canada

EXTRA REFERENCE: 752176701

North Alberta Land Registration District

THIS IS TO CERTIFY that SANDY POINT FARMS LTD.

OF CALGARY IN THE PROVINCE OF ALBERTA

IS now the owner of an estate in fee simple

of and in

PLAN 792 1404

FIRST:

BLOCK ONE (1)

CONTAINING 69.8 HECTARES (172.50 ACRES) MORE OR LESS.

(S. 12 - 41 - 1 W.5TH)

EXCEPTING THEREOUT ALL MINES AND MINERALS.

SECONDLY:

BLOCK THREE (3)

CONTAINING 135.0 HECTARES (333.6 ACRES) MORE OR LESS.

(PT. 1 - 41 - 1 W.5TH)

EXCEPTING THEREOUT ALL MINES AND MINERALS.

CANCELLED AND CONVERTED FEB 8 1990

By J. Synut

SUBJECT TO	O THE ENCUMBRANCES, HEREON, OR WHICH MA	LIENS, ESTATES OR INTERESTS AY HEREAFTER BE MADE IN THE	NOTIFIED BY MEMORANDI REGISTER.	TIT
IN	WITNESS WHEREOF I ha	eve hereunto subscribed my name and	affixed my official seal	Charles As All
		JUNE	1ž ii	N S
Post Office A	Acdress #800, 335 -	8TH AVENUE, S.W.	(and And And And And And And And And And A	EL OFFICE S
	CALGARY, AL	BERTA	11.71	A Thinking
SAE				AD Registrar
A.G. 699			North Alberta	Land Registration District

A.G. 699 Rev. 7/77

Rev. 7/1/

Signature of Registrar Discharges and Writidrawals

Date of
Registration
DY I MO I YR Show Other Abbreviations Here Registration Number Signature of Registrar CANCELLED AND CONVERTED Ву..... EEB 8 1990 CHARGES, LIENS AND INTERESTS. SUBJECT TO A RESTRICTIVE COVENANT Certificate of Title NAME SANDY POINT FARMS LTD. LAND 792 1404 BLK 1 + PARTICULARS Amount URW – Utility Right of Yay
URW – Utility Right of Yay
BL – Builders L...
TN – Tax Northeation
WE – Writt of Execution
C.C. – Covenants are Couditions
ENCUM – Encumbrance Begistration 3 | 12 | 75 TITLE 7 9 2 1 2 5 9 8 2 752176698 - Registration -Number E - Easement ... C - Caveat Tr - Transmission Tfr - Transfer : Mige - Mortgäge Nature of Instrument S 6 5-7

Appendix 2: Environmental Protection Search ECOM PRK ADWIL-08105-00-0, A.D. Williams Engineering Ltd.



June 11, 2008

Jeannie Marie Blanchard

Phase 1 Coordinator Ecomark Limited 149th Street Business Centre Suite 100, 14964 -121A Avenue Edmonton, Alberta T5V 1A3

Jeannie Marie,

RE: Records Search

Your file ADWIL-08105-00-0

Pursuant to your request dated June 9, 2008 regarding information on Block 8, Plan 982 4271 a review of the land file for the aforementioned property was conducted.

Staff findings indicated that there have been no Bylaw investigations, tickets, or prosecutions of any environmentally related events to date. Further, Lacombe County has no record of any landfills, waste sites, nuisance grounds or environmental incidents on file regarding this property or surrounding sites.

The Assessment Department has confirmed that there is neither any of record reduced property tax assessments nor any applications for reduced property tax due to soil degradation.

The property is designated Agricultural "A under the County's Land Use Bylaw No. 1056/07 and amendments thereto.

Please do not hesitate to call if you have any questions.

Yours truly, LACOMBE COUNTY

Amanda-Brea Watson

Assistant Planner/Development Officer

Suite 800, 10025 - 106 Street, Edmonton, AB T5J 1G4

Phone: (780) 424-5099 Fax: (780) 424-5133 Internet: www.elc.ab.ca E-Mail: elc@elc.ab.ca

June 13, 2008 Our File: 039288

Ms. Jeannie Marie Blanchard Ecomark Ltd. 149th Street Business Centre Suite 100, 14964 - 121 A Avenue Edmonton, AB T5V 1A3

Dear Ms. Blanchard:

RE: Search Requested - Frank Wilson

In response to your request of June 12, 2008, we have searched the Environmental Enforcement Historical Search Service database for an exact match with respect to the above request, and can advise that as of today's date, there have been NO enforcement actions issued pursuant to the Alberta "Environmental Protection and Enhancement Act" ("EPEA") and its predecessor legislation, the "Hazardous Chemicals Act", "Agricultural Chemicals Act", "Clean Water Act" and "Clean Air Act" to 1971, and/or pursuant to the "Water Act" from 1999 onwards.

This search is limited to the following enforcement actions under EPEA and its predecessor legislation: Tickets, Prosecutions, Administrative Penalties, Warnings, Enforcement Orders, Enforcement Orders Concerning Waste, Environmental Protection Orders, Emergency Environmental Protection Orders, Emission Control Orders, Chemical Control Orders, Water Quality Control Orders and Stop Orders. This search is limited to the following enforcement actions under the Water Act: Prosecutions, Administrative Penalties, Water Management Orders, Warnings and Enforcement Orders. It does not include Clean Up Orders issued under the Litter Act or Environmental Protection Orders respecting unsightly property issued under EPEA; this information may be available from the local municipality.

Enforcement actions are entered in the database following: (1) the decision date, for prosecutions; (2) the date an administrative penalty was paid or due (30 days after issuance), whichever is sooner; and (3) the date the document was issued for all other enforcement actions.

These search results are based on information provided by Alberta Environment ("AENV"). AENV advises that they try to provide the best information possible. However, AENV advises that it cannot guarantee that the information provided is complete or accurate and that any person relying on these search results does so at their own risk. More information may be gained by referring to original enforcement documents.

Copies of orders are available from the Environmental Law Centre. Any other enforcement information may be available directly from Alberta Environment.

Yours sincerely,

Cindy Dewing

Enforcement Search Service

Suite 800, 10025 - 106 Street, Edmonton, AB T5J 1G4

Phone: (780) 424-5099 Fax: (780) 424-5133 Internet: www.elc.ab.ca E-Mail: elc@elc.ab.ca

June 13, 2008

Our File: 039289

ί

Ms. Jeannie Marie Blanchard Ecomark Ltd. 149th Street Business Centre Suite 100, 14964 - 121 A Avenue Edmonton, AB T5V 1A3

Dear Ms. Blanchard:

RE: Search Requested - Sandy Point Farms Ltd.

In response to your request of June 12, 2008, we have searched the Environmental Enforcement Historical Search Service database for an exact match with respect to the above request, and can advise that as of today's date, there have been NO enforcement actions issued pursuant to the Alberta "Environmental Protection and Enhancement Act" ("EPEA") and its predecessor legislation, the "Hazardous Chemicals Act", "Agricultural Chemicals Act", "Clean Water Act" and "Clean Air Act" to 1971, and/or pursuant to the "Water Act" from 1999 onwards.

This search is limited to the following enforcement actions under EPEA and its predecessor legislation: Tickets, Prosecutions, Administrative Penalties, Warnings, Enforcement Orders, Enforcement Orders Concerning Waste, Environmental Protection Orders, Emergency Environmental Protection Orders, Emission Control Orders, Chemical Control Orders, Water Quality Control Orders and Stop Orders. This search is limited to the following enforcement actions under the Water Act: Prosecutions, Administrative Penalties, Water Management Orders, Warnings and Enforcement Orders. It does not include Clean Up Orders issued under the Litter Act or Environmental Protection Orders respecting unsightly property issued under EPEA; this information may be available from the local municipality.

Enforcement actions are entered in the database following: (1) the decision date, for prosecutions; (2) the date an administrative penalty was paid or due (30 days after issuance), whichever is sooner; and (3) the date the document was issued for all other enforcement actions.

These search results are based on information provided by Alberta Environment ("AENV"). AENV advises that they try to provide the best information possible. However, AENV advises that it cannot guarantee that the information provided is complete or accurate and that any person relying on these search results does so at their own risk. More information may be gained by referring to original enforcement documents.

Copies of orders are available from the Environmental Law Centre. Any other enforcement information may be available directly from Alberta Environment.

Yours sincerely,

Cindy Dewing

Enforcement Search Service

Suite 800, 10025 - 106 Street, Edmonton, AB T5J 1G4

Phone: (780) 424-5099 Fax: (780) 424-5133

E-Mail: elc@elc.ab.ca Home Page: http://www.elc.ab.ca

June 19, 2008

Our File: 019514

Ms. Jeannie Marie Blanchard Ecomark Ltd. 149th Street Business Centre Suite 100, 14964 - 121 A Avenue Edmonton, AB T5V 1A3

Dear Ms. Blanchard:

RE: Search Requested - S[E]-12-41-1-W5M

In response to your request of June 18, 2008, we have searched the Wellsite Reclamation Historical Search Service database for the following quarter section of land:

W5-01-041-12 SE1/4

and can advise that as of today's date, there have been NO Reclamation Certificates (applied for, issued or cancelled), Reclamation Orders and Conservation and Reclamation Notices issued pursuant to the "Alberta Environmental Protection and Enhancement Act" and its predecessor legislation, the "Land Surface Conservation and Reclamation Act" and the "Surface Reclamation Act" since 1963.

Information offered by the Wellsite Reclamation Historical Search Service is limited to wellsites, oil production sites, pipelines, compressor sites and some sand and gravel operations on Alberta private land, Special Areas Board land constituted under the "Special Areas Act" and Metis Settlements established under the "Metis Settlements Act". Not included are coal or oil sands mines or exploration sites.

These search results are based on information provided by Alberta Environment ("AENV"). AENV advises that they try to provide the best information possible. However, AENV advises that it cannot guarantee that the information provided is complete or accurate and that any person relying on these search results does so at their own risk.

Information about Environmental Protection Orders, Emergency Environment Protection Orders and Enforcement Orders issued under the "Alberta Environmental Protection and Enhancement Act" can be obtained by searching the Environmental Enforcement Historical Search Service database through the Environmental Law Centre.

Yours sincerely,

Cathy Halonen

Wellsite Reclamation Search Service Coordinator

/id

Suite 800, 10025 - 106 Street, Edmonton, AB T5J 1G4

Phone: (780) 424-5099 Fax: (780) 424-5133

E-Mail: elc@elc.ab.ca Home Page: http://www.elc.ab.ca

June 19, 2008

Our File: 019515

Ms. Jeannie Marie Blanchard Ecomark Ltd. 149th Street Business Centre Suite 100, 14964 - 121 A Avenue Edmonton, AB T5V 1A3

Dear Ms. Blanchard:

RE: Search Requested - S[W]-12-41-1-W5M

In response to your request of June 18, 2008, we have searched the Wellsite Reclamation Historical Search Service database for the following quarter section of land:

W5-01-041-12 SW1/4

and can advise that as of today's date, there have been NO Reclamation Certificates (applied for, issued or cancelled), Reclamation Orders and Conservation and Reclamation Notices issued pursuant to the "Alberta Environmental Protection and Enhancement Act" and its predecessor legislation, the "Land Surface Conservation and Reclamation Act" and the "Surface Reclamation Act" since 1963.

Information offered by the Wellsite Reclamation Historical Search Service is limited to wellsites, oil production sites, pipelines, compressor sites and some sand and gravel operations on Alberta private land, Special Areas Board land constituted under the "Special Areas Act" and Metis Settlements established under the "Metis Settlements Act". Not included are coal or oil sands mines or exploration sites.

These search results are based on information provided by Alberta Environment ("AENV"). AENV advises that they try to provide the best information possible. However, AENV advises that it cannot guarantee that the information provided is complete or accurate and that any person relying on these search results does so at their own risk.

Information about Environmental Protection Orders, Emergency Environment Protection Orders and Enforcement Orders issued under the "Alberta Environmental Protection and Enhancement Act" can be obtained by searching the Environmental Enforcement Historical Search Service database through the Environmental Law Centre.

Yours sincerely,

Cathy Halonen

Wellsite Reclamation Search Service Coordinator

/id





Petroleum Tank Management Association of Alberta

Suite 980, 10303 Jasper Avenue Edmonton, Alberta T5J 3N6 PH: (780)425-8265 or 1-866-222-8265 FAX: (780)425-4722

June 18, 2008

Jeannie Blanchard **Ecomark Limited** 14964 121 A Avenue Suite 100 Edmonton, AB T5V 1A3

Dear Jeannie Blanchard:

As per your request, the PTMAA has checked the registration of active tank sites and inventory of abandoned tank sites and there are no records for the property with the legal land description;

Plan 9824271, Block 8, Lacombe S1/2 12-41-1-W5

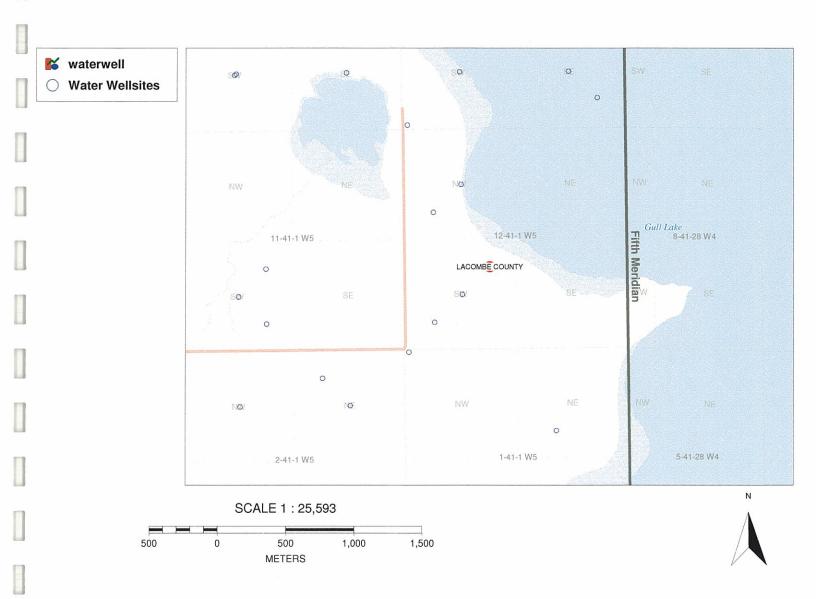
Please note that both databases are not complete. The main limitation of these databases is that they only include information reported through registration or a survey of abandoned sites completed in 1992 and should not be considered as a comprehensive inventory of all past or present storage tank sites. The PTMAA cannot guarantee that tanks do not or have not existed at this location. Information in the databases is based on information supplied by the owner and the PTMAA cannot guarantee its accuracy. Information on storage tanks or on past or present contaminant investigations may be filed with the local Fire Department or Alberta Environment.

Yours truly,

Connie Jacobsen

PTMAA

TELUS Geomatics - Alberta Map



<u>≜</u> Water	Well Drilling	Ren	ort	Well I.D.: Map Verified:	0497115 Not Verified
The data contained in this	s report is supplied by the I	Driller, The	province disclaims	Date Report	2000/11/24
Alberta Environment	responsibility for its accura		province discialing	Received: Measurements:	
. Contractor & Well Owner Information	otion			Principles of the Control of the Con	Metric
Company Name:	atioH	Drilling Co.	mpany Approval No.:	2. Well Location 1/4 or Sec Two	
ALL PINE DRILLING LTD.		119166		LSD	М
Mailing Address: City or To BOX 700 BENTLEY		Postal Coo T0C 0J0	le:	06 12 04 Location in Quarte	
	tion Identifier:	100 000		0 M from	Bounda
OUNDERS ENERGY LTD			,	0 M from	Bounda
P.O. Box Number: Mailing Ad 2800 300	daress: 5 AVE SW, CALGARY	Postal Cod T2P 3C4	le:	Lot Block	Plan
City: Province:	*	Country:			low Obtain: lot Obtain
B. Drilling Information	And the second			6. Well Yield	iot Obtain
ype of Work: New Well-Abandoned			Proposed well use:	Test Date	Start Time:
Reclaimed Well Date Reclaimed: 2000/09/04 Mate	erials Used: Cement		Industrial Anticipated Water	(yyyy/mm/dd): 2000/08/22	9:00 AM
Method of Drilling: Rotary	mais oscu. Cement		Requirements/day	Test Method: Air	0.007.00
lowing Well: No Rate	: Liters		4546 Liters	Non pumping	12.8 M
	resent: No			static level: Rate of water	250.03
- Formation Log	5. Well Completion	Data C	ompleted	removal:	Liters/Min
om	Date Started(yyyy/mm/d	(yyyy/n	nm/dd):	Depth of pump intake:	42.67 M
round Lithology Description	2000/08/22 Well Depth: 48.77 M	2000/0		Water level at	M
meters)	Casing Type: Steel		vpe: Steel	end of	
2.19 Clay	Size OD: 13.97 CM		D: 11.43 CM	pumping: Distance from top	of CM
1.34 Gray Shale 7.43 Green Shale	Wall Thickness: 0.1 CM	Wall Th	nickness: 0.6 CM	casing to ground	or Ow
6.58 Gray Shale	Bottom at: 6.1 M	Top: 0.		level: Depth To water	laval (matara)
8.77 Gray Sandstone	Perforations	48.77 N	tions Size:	Elapsed	
	from: 36.58 M to: 48.77		M x 15.24 CM	Drawdown Minute	s:Sec Recover
	from: 0 M to: 0 M	0 CM x		1:0 2:0	
	from: 0 M to: 0 M Perforated by: Machine	0 CM x	0 СМ	3:0	
	Seal: Driven			4:0	
	from: 0 M Seal:	to: 6.1	М	5:0 6:0	
	from: 0 M	to: 0 M		7:0	
	Seal:			8:0	
	from: 0 M Screen Type:	to: 0 M	ID: 0 CM	9:0 10:0	
	from: 0 M to: 0 M		ze: 0 CM	16:0	
	Screen Type:		ID: 0 CM	Total Drawdown: 0	-X/T,C
	from: 0 M to: 0 M Screen Installation Meth		ze: 0 CM	If water removal wa duration, reason w	
	Fittings			duration, reason w	ily.
	Top: Pack:	Bottom	<u>:</u>		
	Grain Size:	Amoun	t:	Recommended pur	mping rate:
	Geophysical Log Taken:	:		295.49 Liters/Min	
	Retained on Files: Additional Test and/or P	umn Data		Recommended pur 42.67 M	mp intake:
	Chemistries taken By Dr	iller: No		Type Pump Installe	ed
	Held: 0	Docum	ents Held: 1	Pump Type:	
	Pitless Adapter Type: Drop Pipe Type:			Pump Model: H.P.: 3	
	Length: M	Diamet		Any further pumpte	st information
	Comments: DRILLER REPORTS DIS	STANCE F	ROM TOP OF		
	CASING TO GROUND I				
	7. Contractor Certi	ification			
	7. Contractor Certing Driller's Name: Certification No.:		OWN DRILLER		

Report 1 Pump Test 1

A Water	Wall Drilling	Don	ort	Well I.D.:		0435955
water	Well Drilling	neb	OIL	Map Veri Date Rep		Мар
The data contained in this r	eport is supplied by the E esponsibility for its accura	Oriller. The	province disclaims	Received		1983/05/30
Environment	esponsibility for its accura	acy.		Measure		Metric
1. Contractor & Well Owner Informat	ion			2. Well	Locatio	n
Company Name:		Drilling Co	mpany Approval No.:	1/4 or S		Rge Westof
FLINN DRILLING LTD.		ZZZZZZ		LSD		М
Mailing Address: City or Town		Postal Cod	le:	and the second s	12 041	01 5
GENERAL DELIVERY LACOMBE WellOwner's Name: Well Location				0 M fr	n Quarter	Boundary
SANDY POINT FARMS	in identifier.			OM fr		Boundary
P.O. Box Number: Mailing Add	ress:	Postal Cod	le:	Lot	Block	Plan
ST ALBERT				L		
City: Province:		Country:		Well Elev M		w Obtain: ot Obtain
2 Duilling Information				6. Well		it Obtain
3. Drilling Information Type of Work: Test Hole			Proposed well use:	Test Date		Start Time:
Reclaimed Well				(yyyy/mm		otart mine.
	als Used:		Anticipated Water	1983/05/0)5	11:00 AM
Method of Drilling: Cable Tool			Requirements/day		od: Bailer	214
Flowing Well: No Rate: I				Non pump static leve		0 M
	sent: No			Rate of w		181.84
4. Formation Log Depth	5. Well Completion		ampleted	removal:		Liters/Min
from	Date Started(yyyy/mm/d	ld): Date C	ompleted nm/dd):	Depth of		3.66 M
ground Lithology Description	1983/05/03	1983/0		pump inta		
level	Well Depth: 48.77 M	Boreho	le Diameter: 0 CM	Water levent	ei at	М
(meters)	Casing Type: Steel	Liner T	ype: Steel	pumping:		
1.52 Sand & Till 4.57 Yellow Clay & Shale	Size OD: 14.12 CM		D: 11.43 CM	Distance 1	from top of	CM
4.57 Yellow Clay & Shale 7.62 Greenish Yellow Shale	Wall Thickness: 0.48 CM		nickness: 0 CM	casing to	ground	A A A MANAGAMAN A MANAGAMAN ANA
8.53 Sand & Till	Bottom at: 12.19 M	Top: 0		level:	Taata v la	usel (mestern)
12.19 Gray Shale		48.77		Deptin	Elapsed	evel (meters)
14.02 Gray Shale & Rocks	Perforations from: 12.19 M to: 48.77 l		ations Size: M x 45.72 CM	Drawdow		Sec Recovery
17.68 Gray Sand	from: 0 M to: 0 M	0.52 C		Total Drav	wdown: 8.5	53 M
27.13 Gray Shale 28.96 Gray Sand 34.44 Blue Gray Shale 43.89 Light Gray Sand	from: 0 M to: 0 M	0 CM x		100		s less than 2 hr
28.96 Gray Sand 34.44 Blue Gray Shale	Perforated by: Torch			duration,	reason wh	y:
43.89 Light Gray Sand	Seal: Driven			l		
46.63 Brownish Gray Shale	from: 0 M Seal:	to: 12.1	19 M			
48.77 Gray Sand	from: 0 M	to: 0 M				ping rate: 0
	Seal:			Liters/Min		
	from: 0 M	to: 0 M			ended pum np Installed	p intake: 0 M
	Screen Type:		ID: 0 CM	Pump Type		, I
	from: 0 M to: 0 M Screen Type:		ze: 0 CM ID: 0 CM	Pump Mo		
	from: 0 M to: 0 M		ze: 0 CM	H.P.:		
	Screen Installation Meth			Any furthe	er pumptes	t information?
	Fittings			1		
	Top:	Bottom	:			
	Pack: Grain Size:	Amoun	t·			
	Geophysical Log Taken:					
	Retained on Files:					
	Additional Test and/or Pr					
	Chemistries taken By Dr Held: 0		ents Held: 1			
	Pitless Adapter Type:	Docum	ents neid. I			
	Drop Pipe Type:			1		
	Length: M	Diamet	er: CM			
	Comments:					
	7. Contractor Certi	ification				
	Driller's Name:		OWN DRILLER			
	Certification No.:	CIVICIA	OTTA DI IILLEI I			
	This well was constructe	ed in accord	lance with the Water			

Report 1 Pump Test 1 page1

The data contained in this	Well Drilling report is supplied by the Di esponsibility for its accurace	riller. The province disclaims	Well I.D.: Map Verified: Date Report Received: Measurements:	0478956 Field 1950/08/17 Metric
1. Contractor & Well Owner Informat	ion		2. Well Location	ALCOHOLD THE RESIDENCE
Company Name:		Orilling Company Approval No.	: 1/4 or Sec Twp	Rge Westof
ERICKSON DRILLING Mailing Address: City or Tow	n: F	Postal Code:	LSD NW 12 041 Location in Quarter	M 01 5
WellOwner's Name: Well Location NORVILLA, C.	on Identifier:		0 M from 0 M from	Boundary Boundary
P.O. Box Number: Mailing Add BENTLEY	lress: F	Postal Code:	Lot Block	Plan
City: Province:		Country:		w Obtain: rvey-Air
3. Drilling Information			6. Well Yield	
Type of Work: Federal Well Survey Reclaimed Well		Proposed well use: Domestic & Stock	Test Date (yyyy/mm/dd):	Start Time:
	als Used:	Anticipated Water Requirements/day	1950/08/17 Test Method:	11:00 AM
Flowing Well: Rate:		0 Liters	Non pumping	4.57 M
	esent: No	I	static level: Rate of water	Liters/Min
4. Formation Log Depth	5. Well Completion	Data Completed	removal:	
from ground Lithology Description	Date Started(yyyy/mm/dd	(yyyy/mm/dd): 1946/01/01	Depth of pump intake:	0 M
level	Well Depth: 36.58 M	Borehole Diameter: 0 CM	Water level at end of	М
(meters)	Casing Type: Galvanized Steel	Liner Type:	pumping:	
	Size OD: 5.08 CM	Size OD: 0 CM	Distance from top of casing to ground	CM
	Wall Thickness: 0 CM	Wall Thickness: 0 CM	level:	
	Bottom at: 0 M	Top: 0 M Bottom: 0 M	Depth To water le	
	Perforations	Perforations Size:	Elapsed T Drawdown Minutes:	
	from: 0 M to: 0 M from: 0 M to: 0 M	0 CM x 0 CM 0 CM x 0 CM	Total Drawdown: 0 N	
	from: 0 M to: 0 M	0 CM x 0 CM	If water removal was	
	Perforated by:		duration, reason why	:
	Seal: from: 0 M Seal:	to: 0 M		
	from: 0 M Seal:	to: 0 M	Recommended pum Liters/Min	ping rate: 0
	from: 0 M	to: 0 M	Recommended pum	
	Screen Type:	Screen ID: 0 CM	Type Pump Installed Pump Type:	
	from: 0 M to: 0 M Screen Type:	Slot Size: 0 CM Screen ID: 0 CM	Pump Model:	
	from: 0 M to: 0 M	Slot Size: 0 CM	H.P.:	. : - (1 : 0
	Screen Installation Metho	d:	Any further pumptest	imormation?
	Fittings Top:	Bottom:		
	Pack:	Dottorn.	1	
	Grain Size:	Amount:	4	
	Geophysical Log Taken: Retained on Files:			
	Additional Test and/or Pu		1	
	Chemistries taken By Dril			
	Held: 0 Pitless Adapter Type:	Documents Held: 1	-	
	Drop Pipe Type:			
	Length: M	Diameter: CM	4	
	Comments: SURVEY REPORTS WA ⁻	TER IS CLEAR AND SOFT		
¥	7. Contractor Certif		-	
	Driller's Name: Certification No.:	UNKNOWN DRILLER		
		in accordance with the Water		

Report 1 Pump Test 1

A Wotor	Mall Drilling	Donort	Well I.D.: 0435957
water	Well Drilling	Report	Map Verified: Map
		iller. The province disclaims	Date Report Received:
Alberta r Environment	esponsibility for its accurac	ey.	Measurements: Metric
1. Contractor & Well Owner Informat	ion		2. Well Location
Company Name:		Orilling Company Approval No.:	
GERMAN R E		mining Company Approval No	LSD M
Mailing Address: City or Tow	n: P	Postal Code:	12 12 041 01 5
WellOwner's Name: Well Location	on Identifier:		Location in Quarter 0 M from Boundary
NORRILA, PAUL	on identifier.		0 M from Boundary
P.O. Box Number: Mailing Add	ress: P	Postal Code:	Lot Block Plan
131 BENTLEY City: Province:	C	Country:	Well Elev: How Obtain:
			911.35 M Estimated
3. Drilling Information			6. Well Yield
Type of Work: Well Inventory		Proposed well use:	Test Date Start Time:
Reclaimed Well Date Reclaimed: Materi	als Used:	Stock Anticipated Water	(yyyy/mm/dd):
Method of Drilling: Drilled	ais Oseu.	Requirements/day	Test Method:
Flowing Well: No Rate:	iters	0 Liters	Non pumping M
	esent: No		static level:
4. Formation Log	5. Well Completion		Rate of water Liters/Min
Depth	Date Started(yyyy/mm/dd)	. Date Completed	removal: Depth of M
from	Date Started(yyyy/min/dd)	(yyyy/mm/dd):	pump intake:
ground Lithology Description	Mall Death 45 04 M	1963/01/01	Water level at M
level (meters)	Well Depth: 15.24 M Casing Type:	Borehole Diameter: 0 CM Liner Type:	end of
(meters)	Size OD: 0 CM	Size OD: 0 CM	pumping:
	Wall Thickness: 0 CM	Wall Thickness: 0 CM	Distance from CM
			top of casing to ground
	Bottom at: 0 M	Top: 0 M Bottom: 0 M	level:
	Perforations	Perforations Size:	Depth To water level (meters)
	from: 0 M to: 0 M	0 CM x 0 CM	Elapsed Time
	from: 0 M to: 0 M	0 CM × 0 CM	Drawdown Minutes:Sec Recovery
	from: 0 M to: 0 M Perforated by:	0 CM x 0 CM	
	Seal:		
	from: 0 M	to: 0 M	Total Drawdown: M
	Seal:		If water removal was less than 2 hr
	from: 0 M	to: 0 M	duration, reason why:
	Seal: from: 0 M	to: 0 M	
	Screen Type:	Screen ID: 0 CM	1
	from: 0 M to: 0 M	Slot Size: 0 CM	Recommended pumping rate:
	Screen Type:	Screen ID: 0 CM	Liters/Min
	from: 0 M to: 0 M	Slot Size: 0 CM	Recommended pump intake: M
	Screen Installation Method	d:	Type pump installed Pump type:
	Fittings Top:	Bottom:	Pump model:
	Pack:	Bottom.	H.P.:
	Grain Size:	Amount:	Any further pumptest information?
	Geophysical Log Taken:		1
	Retained on Files:		
	Additional Test and/or Pur Chemistries taken By Drille		1
	Held: 0	Documents Held: 1	
	Pitless Adapter Type:		1
	Drop Pipe Type:		
	Length:	Diameter:	
	Comments: OWNER REPORTS MED	HARD WATER	
	OWINER REPORTS MED	HARD WATER.	
	7. Contractor Certifi	ication	
T.	Driller's Name:	UNKNOWN DRILLER	
	Certification No.:	in accordance with the Water	

Report 1

≜ Wa	ter Well Drillin	a Repo	ort	Well I.D.: Map Verified	034192 d: Map	23
Alberta The data contained	in this report is supplied by the responsibility for its accu	Driller. The p	province disclaims	Date Report Received:	2002/1	
Environment				Measuremer	The Company of the Co	
1. Contractor & Well Owner Int	ormation	Drilling Con	anany Annewal No.	2. Well Lo		Mosts
Company Name: ALKEN BASIN DRILLING LTD.		38394	npany Approval No.:	LSD Sec	Twp Rge	Westo M
Mailing Address: City	or Town:	Postal Code	e:	10 01	041 01	5
	ITLEY AB CANADA Location Identifier:	TOC 0J0		Location in Q 0 M from		oundar
SANDY POINT FARMS	Location identifier.			0 M from	N 1774 7	oundar
	ing Address:	Postal Code	e:	Lot B	llock Plan	
	ITLEY vince:	T0C 0J0 Country:		Well Elev:	How Obtai	in:
ony.	mice.	Country.		M	Not Obtain	
3. Drilling Information				6. Well Yie	eld	
Type of Work: New Well			Proposed well use:	Test Date	Start T	ime:
Reclaimed Well Date Reclaimed:	Materials Used:	100	Stock Anticipated Water	(yyyy/mm/dd) 2002/11/13): 11:00 A	AM
Method of Drilling: Rotary	waterials oscu.	F	Requirements/day	Test Method:		
Flowing Well: No	Rate: Liters	C) Liters	Non pumping	7.01 M	
Gas Present: No	Oil Present: No			static level: Rate of water	r 90.92	
4. Formation Log Depth	5. Well Completion	Data Ca	ompleted	removal:	Liters/N	
rom	Date Started(yyyy/mm/	/dd): Date Cd		Depth of	27.43 N	M
ground Lithology Descripti	on 2002/11/13	2002/11	/13	pump intake: Water level a		М
evel meters)	Well Depth: 27.43 M Casing Type: Steel		e Diameter: 0 CM rpe: Plastic	end of		•
5.18 Brown Clay	Size OD: 14.12 CM		D: 11.43 CM	pumping:		
7.32 Brown Sandstone	Wall Thickness: 0.66 C		ickness: 0.54 CM	Distance fron casing to gro		
9.14 Brown Shale 10.36 Brownish Green Sandstone	Bottom at: 11.28 M	Top: 9.1		level:		
11.28 Brownish Green Fractured Sha	е	27.43 M			water level (me	ters)
12.19 Gray Shale	Perforations from: 21.34 M to: 24.38		ions Size: 1 x 1.27 CM		apsed Time //inutes:Sec Re	cover
13.41 Gray Hard Sandstone	from: 0 M to: 0 M	0 CM x		9.65		8.25
17.07 Gray Shale 17.98 Gray Sandstone	from: 0 M to: 0 M	0 CM x	0 CM	10.7 11.12		7.98 7.86
21.34 Gray Shale	Perforated by: Hand Di Seal: Driven & Bentoni			11.35		7.76
22.25 Green Shale	from: 0 M	to: 11.28	3 M	11.45		7.75
24.69 Gray Sandstone 27.43 Gray Shale	Seal:	4 0.14		11.52		7.73
17.40 dray onaie	from: 0 M Seal:	to: 0 M		11.58 11.62		7.69 7.67
	from: 0 M	to: 0 M		11.64		7.64
	Screen Type:		ID: 0 CM	11.66		7.63
	from: 0 M to: 0 M Screen Type:	Slot Size Screen	ID: 0 CM	11.76 11.78		7.58 7.54
	from: 0 M to: 0 M	Slot Size		11.85		7.53
	Screen Installation Met	thod:		11.92		7.5
	Fittings Top:	Bottom:		12.17		7.47
	Pack:			12.25 12.4		7.44 7.43
	Grain Size: Geophysical Log Taker	Amount	<u> </u>	12.25		7.41
	Retained on Files:	n.		12.15		7.38
	Additional Test and/or	Pump Data		12.31 Total Drawdo		7.33
	Chemistries taken By D Held: 0		ents Held: 1		val was less th	an 2 h
	Pitless Adapter Type:	Docume	ints Held. I	duration, reas	son why:	
	Drop Pipe Type:		200			
	Length: M Comments:	Diamete			<u> </u>	
	Comments:				ed pumping rat	e:
				90.92 Liters/N	Min ed pump intake	٠.
				21.34 M		
				Type Pump Ir	nstalled	
	7 000000000			Pump Type: Pump Model:		
	7. Contractor Cer		WN DRILLER	H.P.:		
	Certification No.:	VA3129		Any further po	umptest inform	ation?
	This well was construct			i		

Report 1 Pump Test 1 page1

& w	ater \	Well Drilling	Rep	ort	Well I.D.: Map Verified: Date Report		04356 Not Ve	- AND 20
Alberta The data contain		eport is supplied by the Desponsibility for its accura		province disclaims	Received: Measurements		Metric	
Contractor & Well Owner II	nformati	ion			2. Well Loc	30 0 000	CONTRACTOR OF STREET	WE SHEET
Company Name:				mpany Approval No.:	1/4 or Sec	Twp		Westof
UNKNOWN DRILLER Mailing Address: C	ty or Towr		99999 Postal Coc	0:	LSD 13 01	041	01	М 5
	NKNOWN		rosiai coc	e.	Location in Qu		01	
WellOwner's Name: W CALIFORNIA STANDARD CO#THE-500	ell Locatio	n Identifier:			15.54 Mfrom 10.97 Mfrom Lot Blo	N W		oundary oundary
	ailing Add	ress:	Postal Cod	e:	Well Elev:		w Obta	
City: P	ovince:		Country:		932.63 M 6. Well Yiel	Sur	vey-Tr	
3. Drilling Information		and the second s			Test Date		Start T	ime:
3. Drilling Information Type of Work: Structure Test Hole				Proposed well use:	(yyyy/mm/dd):			
Reclaimed Well	Mataria	ale Llead:		Unknown Anticipated Water	Test Method:			
Date Reclaimed: Method of Drilling: Unknown	iviatella	als Used:		Requirements/day	Non pumping	М		
Flowing Well: No	Rate: L				static level:			
Gas Present: No	Oil Pre	sent: No			Rate of water removal:	Liters	/Min	
4. Formation Log		5. Well Completion		ompleted	Depth of	М		
Depth from		Date Started(yyyy/mm/do	d): Date C	ompleted nm/dd):	pump intake:			
ground Lithology Descrip	tion		1953/0	6/29	Water level at end of	М		
level (meters)		Well Depth: 329.18 M		le Diameter: 0 CM	pumping:			
(meters)		Casing Type: Size OD: 0 CM	Liner T	ype: D: 0 CM	Distance from	CM		
		Wall Thickness: 0 CM		nickness: 0 CM	top of casing to ground			
		Bottom at: 0 M	Top: 0	M Bottom: 0 M	level: Depth To wa	ater lev	/el (me	ters)
		Perforations		tions Size:		sed Ti		
		from: 0 M to: 0 M	0 CM x		Drawdown Mir	iutes:	sec Re	covery
		from: 0 M to: 0 M from: 0 M to: 0 M	0 CM x 0 CM x					
		Perforated by:	O OINI X	O OINI				
		Seal:			Total Drawdow If water remove		loop th	on O hr
e		from: 0 M Seal:	to: 0 M		duration, reaso			ian z ni
		from: 0 M	to: 0 M			,		
		Seal:						
		from: 0 M Screen Type:	to: 0 M	ID: 0 CM	Recommended	humr	oing ra	te:
		from: 0 M to: 0 M		e: 0 CM	Liters/Min		g	
		Screen Type:		ID: 0 CM	Recommended		intake	e: M
		from: 0 M to: 0 M Screen Installation Metho		:e: 0 CM	Type pump ins Pump type:	ıalled		
		Screen installation Metro Fittings	Ju.		Pump model:			
		Top:	Bottom		H.P.:		inform	otion?
		Pack:	A		Any further pur	npiesi	IIIIOIII	ialion:
		Grain Size: Geophysical Log Taken:	Amoun FLECTBIO					
		Retained on Files: ELEC	TRIC yes					
		Additional Test and/or Pu	ımp Data					
		Chemistries taken By Dri Held: 0		ents Held: 1				
		Pitless Adapter Type:						
		Drop Pipe Type:	Diamet					
		Length: Comments:	Diamet	ы.				
		os.iiiioito.						
		7. Contractor Certi	fication					
		Driller's Name:		OWN DRILLER				
		Certification No.:						

This well was constructed in accordance with the Water Well regulation of the Alberta Environmental Protection & Enhancement Act. All information in this report is true. Signature Yr Mo Day

Report 1

Water The data contained in the Environment	r Well Drilling is report is supplied by the responsibility for its accura	Driller. The province of	Well I.D.: 0435956 Map Verified: Map Date Report Received: Measurements: Metric
1. Contractor & Well Owner Inform	ation		2. Well Location
Company Name:	ation	Drilling Company Ap	
ERICKSÓN DRILLING			LSD M
Mailing Address: City or To	own:	Postal Code:	12 12 041 01 5 Location in Quarter
WellOwner's Name: Well Loca NORRILA, P.	ation Identifier:		0 M from Boundary 0 M from Boundary
P.O. Box Number: Mailing A		Postal Code:	Lot Block Plan
131 BENTLE' City: Province		Country:	Well Elev: How Obtain: 911.35 M Estimated
3. Drilling Information			6. Well Yield
Type of Work: Well Inventory		Proposed	well use: Test Date Start Time:
Reclaimed Well	t-d-la l laad.	Domestic	(yyyy/mm/dd):
Date Reclaimed: Mat Method of Drilling: Drilled	terials Used:	Anticipate Requirem	
Flowing Well: No Rate	e: Liters	0 Liters	Non pumping M
	Present: No	ı	static level:
4. Formation Log	5. Well Completio		Rate of water Liters/Min removal:
Depth from	Date Started(yyyy/mm/c	dd): Date Completed (yyyy/mm/dd):	Depth of M
ground Lithology Description		1950/01/01	pump intake:
level	Well Depth: 15.24 M	Borehole Diamet	er: 0 CM Water level at M
(meters)	Casing Type:	Liner Type:	pumping:
	Size OD: 0 CM Wall Thickness: 0 CM	Size OD: 0 CM Wall Thickness:	Distance from CM
			top of casing to ground
	Bottom at: 0 M	Top: 0 M Bo	ottom: 0 M level:
	Perforations	Perforations Size	Depth To water level (meters)
	from: 0 M to: 0 M	0 CM x 0 CM	Elapsed Time
	from: 0 M to: 0 M	0 CM x 0 CM	Drawdown Minutes:Sec Recovery
	from: 0 M to: 0 M Perforated by:	0 CM x 0 CM	
	Seal:		
	from: 0 M	to: 0 M	Total Drawdown: M
	Seal: from: 0 M	to: 0 M	If water removal was less than 2 h duration, reason why:
	Seal:	to. o ivi	daration, reason my.
	from: 0 M	to: 0 M	
	Screen Type:	Screen ID: 0 CM	Recommended pumping rate:
	from: 0 M to: 0 M Screen Type:	Slot Size: 0 CM Screen ID: 0 CM	
	from: 0 M to: 0 M	Slot Size: 0 CM	Recommended pump intake: M
	Screen Installation Meth		Type pump installed
	Fittings	Dattama	Pump type: Pump model:
	Top: Pack:	Bottom:	 н.р. <u>:</u>
	Grain Size:	Amount:	Any further pumptest information?
	Geophysical Log Taken	:	
	Retained on Files: Additional Test and/or P	Dota	
	Chemistries taken By Di		
	Held: 1	Documents Held:	:2
	Pitless Adapter Type: Drop Pipe Type:		
	Length:	Diameter:	
	Comments:		
	OWNER REPORTS SO	FT WATER.	
	7 Contractor Cort	ification	
	7. Contractor Cert Driller's Name:	UNKNOWN DRIL	IED
	Certification No.:	OHIGH D	
	This well was constructed	ed in accordance with	the Water

Report 1

	1	Nater '	Well Drilling	Rep	ort	Well I.D.: Map Verifie)341921 Map
C	The data cont	ained in this	report is supplied by the Dr	iller. The	province disclaims	Date Repo	rt 2	2002/12/13
	liberta onment		esponsibility for its accurac			Received: Measurem	ents: N	Metric
		u lossa uma as	ion			2. Well L	Marine Street Street Street Street	VICTIC
Company N	actor & Well Owne	r informat		rilling Co	mpany Approval No.			Rge Wes
	SIN DRILLING LTD.			8394	impany Approvarino.	LSD	c iwp	M M
Mailing Add		City or Tow	n: P	ostal Co	de:	10 01		01 5
3OX 47				0C 0J0		Location in		5 .
WellOwner's	s Name: INT FARMS	Well Location	on Identifier:			0 M from		Bounda Bounda
P.O. Box Nu		Mailing Add	ress: P	ostal Co	de:		Block	Plan
19		BENTLEY		OC OJO				
City:		Province:	C	ountry:		Well Elev:		Obtain:
						M		Obtain
	g Information				lo	6. Well Y		Start Time:
ype of Wor Reclaimed \	rk: New Well				Proposed well use: Stock	Test Date (yyyy/mm/d		start rime:
ate Reclaii		Materi	als Used:		Anticipated Water	2002/11/20		11:00 AM
lethod of D	Orilling: Rotary		White the second		Requirements/day	Test Metho		
lowing We		Rate:		_	0 Liters	Non pumpir		6.71 M
as Presen	NAME AND ADDRESS OF THE OWNER, THE PARTY OF THE OWNER, THE OWNER, THE OWNER, THE OWNER, THE OWNER, THE OWNER,	Oil Pre	esent: No		I	static level: Rate of wat		227.3
	tion Log		5. Well Completion			removal:		iters/Min
epth om			Date Started(yyyy/mm/dd)		Completed mm/dd):	Depth of	5	54.86 M
om round	Lithology Desci	ription	2002/11/20	2002/1		pump intak		
evel		.,	Well Depth: 54.86 M		ole Diameter: 0 CM	Water level end of	at 1	19.81 M
meters)			Casing Type: Steel		Гуре: Plastic	pumping:		
	Clay		Size OD: 21.89 CM		D: 17.78 CM	Distance from	om top of C	CM
	rown Shale rown Sandstone		Wall Thickness: 0.93 CM		hickness: 0.97 CM	casing to gr	ound	
	ray Sandstone		Bottom at: 31.7 M		4.38 M Bottom:			-1 (+)
	ray Shale			54.86			water level Elapsed Tir	el (meters)
4.08 Gr	ray Sandstone		Perforations from: 36.58 M to: 48.77 M		ations Size: M x 1.27 CM	Drawdown		
	ray Shale		from: 0 M to: 0 M		K O CM	15.4	1:00	10.1
	ray Sandstone ray Shale	- W	from: 0 M to: 0 M	0 CM	k 0 CM	17.5	2:00	8
4.00 (3)	ray Shale		Perforated by: Hand Drill			18.42 18.63	3:00 4:00	7.81 7.77
			Seal: Driven & Bentonite from: 0 M	to: 31.	7.14	19.05	5:00	7.74
			Seal:	10.31.	/ IVI	19.32	6:00	7.72
			from: 0 M	to: 0 N	1	19.41	7:00	7.71
			Seal:		r.	19.52	8:00	7.7
			from: 0 M Screen Type:	to: 0 N	n ID: 0 CM	19.62	9:00	7.69
			from: 0 M to: 0 M		ze: 0 CM	19.69 19.8	10:00 12:00	7.68 7.66
			Screen Type:		n ID: 0 CM	19.92	14:00	7.65
			from: 0 M to: 0 M		ze: 0 CM	19.84	16:00	7.64
			Screen Installation Method	d:		19.88	20:00	7.63
			Fittings Top:	Botton	1:	19.75	25:00	7.62
			Pack:	Dotton		19.74 19.72	30:00	7.62
			Grain Size:	Amou	nt:	19.72	40:00	7.61 7.6
			Geophysical Log Taken:			19.77	50:00	7.59
			Retained on Files: Additional Test and/or Pur	nn Data		19.82	60:00	7.57
			Chemistries taken By Drill			19.87	75:00	7.56
			Held: 0		nents Held: 1	19.92	90:00	7.54
			Pitless Adapter Type:			19.93 19.95	105:00 120:00	7.52 7.5
			Drop Pipe Type: Length: M	Diama	ter: CM	Total Draw		
			Comments:	Diame	ter. Givi	If water rem duration, re	noval was I	ess than 2
						Recommen 227.3 Liters	ded pump	ing rate:
			7 Contractor Contif	iontin-		Recommon	ded numn	intako:
			7. Contractor Certification Driller's Name:		OWN DRILLER	Recommen 48.77 M	ded pump	intake:

Well regulation of the Alberta Environmental Protection Pump Model:
& Enhancement Act. All information in this report is true, H.P.:
Signature Yr Mo Day Any further pumptest information?

Report 1 Pump Test 1 page1

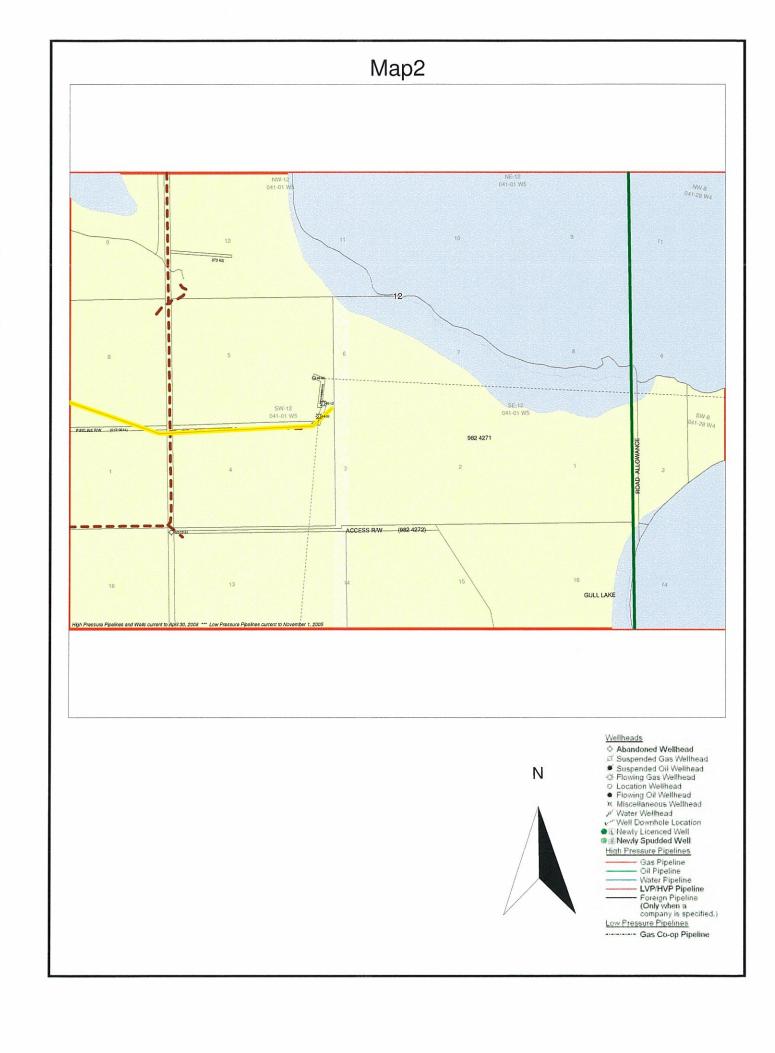
A	1	Nater	Well Drilling	Ren	ort	Well I.I Map V	D.: erified:	0341 Map	922
C	The data cont	ained in this	report is supplied by the	Driller. The	province disclaims	Date R Receiv		2002	/12/11
En	Alberta vironment		responsibility for its accura	acy.			rements:	Metri	С
Con	tractor & Well Owne	Informa	tion			THE OWNER OF THE OWNER,	II Locati		
	y Name:	ii ii Oi iii d		Drilling C	ompany Approval No.				Wes
ALKĖN Ė	BASIN DRILLING LTD.			38394		LSD		rg.	N
	Address:	City or Tov		Postal Co	de:	10	01 04		5
3OX 47	anda Manasa.		AB CANADA ion Identifier:	TOC 0J0			n in Quarte from		Dauad
	ier's Name: POINT FARMS	well Local	ion identifier:			100000000000000000000000000000000000000	from		Bound Bound
	Number:	Mailing Ad	dress:	Postal Co	de:	Lot	Block	Pla	
19		BENTLEY		TOC 0J0					
ity:		Province:		Country:		Well El		How Obt	
D ::::			STATE OF THE PARTY			M		Not Obta	ain
	ing Information				To		II Yield	044	T:
ype of v leclaime	Work: New Well				Proposed well use: Stock	Test Da	ate nm/dd):	Start	Time:
	claimed:	Mate	ials Used:		Anticipated Water	2002/1		11:00	MA C
	of Drilling: Rotary				Requirements/day	Test Me	ethod: Air		
lowing \	Well: No		Liters		0 Liters	Non pu		7.32	М
-	sent: No	Oil Pr	esent: No		l .	static le		207.0	
	nation Log		5. Well Completio			remova		227.3 Liters	
epth			Date Started(yyyy/mm/c	id): Date	Completed	Depth of		54.86	
om round	Lithology Desci	intion	2002/11/13	2002/	mm/dd): 11/13	pump ir	ntake:	. am 1/2/2	
vel	Littlelogy Desci	יוסווקי	Well Depth: 54.86 M		ole Diameter: 0 CM	Water I	evel at	19.81	М
neters)			Casing Type: Steel		Type: Plastic	end of pumpin	a.		
.27	Brown Clay		Size OD: 14.12 CM	Size (DD: 11.43 CM		e from top	of CM	
.32	Brown Sandstone		Wall Thickness: 0.66 CN	И Wall [*]	Thickness: 0.54 CM		to ground	0. 0	
0.97 1.89	Brown Shale Gray Shale		Bottom at: 29.57 M		24.38 M Bottom:	level:			
3.72	Gray Sandstone		Dottom at. 23.37 W	54.86	М	Dept	h To water		neters)
4.63	Gray Shale		Perforations	0.0000	ations Size:	Drawd	Elapsed own Minute		Pocove
7.68	Gray Sandstone		from: 36.58 M to: 51.82 from: 0 M to: 0 M		CM x 1.27 CM x 0 CM	15.4		00	10.1
1.95	Gray Shale		from: 0 M to: 0 M		x 0 CM	17.5			8
4.69	Gray Sandstone		Perforated by: Hand Dri		A 0 0111	18.4			7.81
2.61 1.82	Gray Shale Gray Sandstone		Seal: Driven & Bentonite			18.6			7.77
4.86	Gray Shale		from: 0 M	to: 29	.57 M	19.0 19.3			7.74
1.00	aray orialo		_Seal: from: 0 M	to: 0 N	1	19.3			7.71
			Seal:	10.01		19.5			7.7
			from: 0 M	to: 0 N		19.6			7.69
			Screen Type:		n ID: 0 CM	19.6	8 10	:00	7.68
			from: 0 M to: 0 M Screen Type:		ize: 0 CM n ID: 0 CM	19.9			7.65
			from: 0 M to: 0 M		ize: 0 CM	19.8 19.7			7.63
			Screen Installation Meth		.20.00.01	19.7			7.62
			Fittings			19.7			7.6
			Тор:	Bottor	n:	19.7			7.59
			Pack: Grain Size:	Ama	nt:	19.8	3 60	:00	7.57
			Geophysical Log Taken	Amou	ш.	19.8			7.56
			Retained on Files:			19.9			7.55
			Additional Test and/or P			19.9	3 120 rawdown:		7.54
			Chemistries taken By Di		a a a ta l l a l al al		removal w		than 2
			Held: 0 Pitless Adapter Type:	Docur	nents Held: 1		n, reason w		
			Drop Pipe Type:						
			Length: M	Diame	eter: CM				
			Comments:				mended pu	imping r	ate:
						Recomi 51.82 M	mended pu		ke:
						Type Pi Pump T	ump Install ype:	ed	
			7. Contractor Cert	ification	1	Pump N	/lodel:		
			Driller's Name:		OWN DRILLER	H.P.:	ther pumpt	oot info	matic
			Certification No.:	VA312		₽ AHY IUN	uiei pullipt	est inior	malioi

Report 1 Pump Test 1 page1

▲ Water	Well Drilling I	Don	ort	Well I.D.: Map Verified:	0354465
	report is supplied by the Drill			Date Report	Map
Alberta	report is supplied by the Drill esponsibility for its accuracy.	er. The	province discialms	Received:	1989/02/10
Environment	coponicionity for its decordery.	**		Measurements:	Metric
1. Contractor & Well Owner Information	ion			2. Well Locatio	n
Company Name:			mpany Approval No.:		Rge Westof
UNKNOWN DRILLER Mailing Address: City or Tow		999 stal Cod	lo:	LSD NW 12 041	M 01 5
UNKNOWN UNKNOWN		Stal Cot	ie.	Location in Quarter	01 3
	on Identifier:			0 M from	Boundary
NORVIA, P.		1-1-0		0 M from Lot Block	Boundary Plan
P.O. Box Number: Mailing Add 131 BENTLEY		stal Cod C 0J0	ie:	Lot Block	Pian
City: Province:		untry:		Well Elev: Ho	w Obtain:
Tudan II	A STATISTICS OF THE STATIST OF THE STATIST OF TH			CONTROL OF THE PARTY OF THE PAR	ot Obtain
3. Drilling Information				6. Well Yield	
Type of Work: Chemistry			Proposed well use:	Test Date	Start Time:
Reclaimed Well Date Reclaimed: Materi	als Used:		Domestic Anticipated Water	(yyyy/mm/dd):	
Method of Drilling: Not Applicable	alo occa.		Requirements/day	Test Method:	
Flowing Well: No Rate:			0 Liters	Non pumping M	
Gas Present: Oil Pre				static level: Rate of water Liter:	o/Min
4. Formation Log	5. Well Completion	<u> </u>		removal:	5/101111
Depth from	Date Started(yyyy/mm/dd):	Date C	ompleted nm/dd):	Depth of M	
ground Lithology Description		(уууу/11	iii/da).	pump intake:	
level	Well Depth: 38.1 M	Boreho	le Diameter: 0 CM	Water level at M end of	
(meters)	Casing Type:	Liner T		pumping:	
	Size OD: 0 CM Wall Thickness: 0 CM		D: 0 CM nickness: 0 CM	Distance from CM	
	Wall Hillickness. U Civi	vvali 11	lickness. U Civi	top of casing to ground	
	Bottom at: 0 M	Top: 0	M Bottom: 0 M	level:	
	Perforations	Perfora	ations Size:	Depth To water le	
	from: 0 M to: 0 M	0 CM x		Elapsed T	
	from: 0 M to: 0 M	0 CM x		Drawdown Minutes	Sec Recovery
	from: 0 M to: 0 M Perforated by:	0 CM x	0 CM		
	Seal:				
	from: 0 M	to: 0 M		Total Drawdown: N	
	Seal: from: 0 M	to: 0 M		If water removal was duration, reason wh	
	Seal:	to. o ivi			, .
	from: 0 M	to: 0 M			
	Screen Type:		ID: 0 CM	Recommended pur	ning rate:
	from: 0 M to: 0 M Screen Type:		ze: 0 CM ID: 0 CM	Liters/Min	iping rate.
	from: 0 M to: 0 M		ze: 0 CM	Recommended pum	p intake: M
	Screen Installation Method:			Type pump installed	l _i
	Fittings	Dattam		Pump type: Pump model:	
	Top: Pack:	Bottom		H.P.:	
	Grain Size:	Amoun	t: 0	Any further pumptes	st information?
	Geophysical Log Taken:				
	Retained on Files: Additional Test and/or Pum	n Doto		ł	
	Chemistries taken By Driller	r: No			
ľ	Held: 3		ents Held: 3		
	Pitless Adapter Type:				
	Drop Pipe Type: Length:	Diamet	er:		
	Comments:	Diamo		1	
	Contraction of the contract of				
	-31				
	7 Contractor Cortific	otion			
	7. Contractor Certific Driller's Name:		OWN DRILLER		
	Certification No.:	SININ	OTTA DIRECTE		
	This well was constructed in	accord	lance with the Water	l	

Report 1





EUB DATA ATTACHED F	ILES				Close Screen
					OPTIONS
					<u>View Company</u> <u>Info</u>
					View Installation Info
	EUB PIPELINE IN CURRENT TO A	PRIL 30, 2008	•		View E-M-
LICENCE/LINE #:	24658 - 10	PERMIT DATE:			<u>View Entire</u> Licence
ABACUS #:	30592	LICENCE DATE:	APRIL 20, 2	2001	
COMPANY:	PROVIDENT ENER		107 10 041 0	M MCM DI	
FROM LOCATION:		WE TO LOCATION:	07-10-041-0	I WOM PL	
LENGTH:	3.18 kms 1.98 m		}	10	View Licence
SUBSTANCE: OD:	NG 114.3 mm 4.50 "	H2S: WT:	0 mol/kmol 3.96 mm	0 ppm 0.16 "	<u>Ticket</u>
MATERIAL:	S 4.50	TYPE:	Z245.1	10.16	
GRADE:	3591	MOP:	9900 kPa	1436 psi	
JOINTS:	W	INTL COATING:	 	1 1400 psi	,, , , , ,
STRESS LEVEL:	40 %	ENVIRONMENT			View Spill Incidents
ORIGINAL PERMIT DATE:	OCTOBER 20, 2000				<u> </u>
ORIGINAL LICENCE/LINE #:	24658 - 10				
					<u>Highlight Line</u>
					Highlight Entire Licence
		# 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			Print Screen

PRINT REPORT

VIEW IN EXCEL

CLOSE REPORT

LOCATION: 01-12-041-01W5M

There are no Spill/Complaint Incidents for this LSD

LOCATION: 02-12-041-01W5M

There are no Spill/Complaint Incidents for this LSD

LOCATION: 03-12-041-01W5M

There are no Spill/Complaint Incidents for this LSD.

LOCATION: 04-12-041-01W5M

There are no Spill/Complaint Incidents for this LSD.

LOCATION: 05-12-041-01W5M

There are no Spill/Complaint Incidents for this LSD.

LOCATION: 06-12-041-01W5M

There are no Spill/Complaint Incidents for this LSD.

LOCATION: 07-12-041-01W5M

There are no Spill/Complaint Incidents for this LSD.

LOCATION: 08-12-041-01W5M

There are no Spill/Complaint Incidents for this LSD.

PRINT REPORT	VIEW IN EXCEL	CLOSE REPOR	T				
WELL ID:	00 / 15-08-041-28 W4 /	/ 0	_				
LICENCE #:	0360907	LICENCE DATE:	111	ULY 27, 2006			
WELL NAME:	CABRERRA ET AL MO		J	ULT 27, 2006			
WITHIN:	06-12-041-01 W5						
LICENCEE:	CABRERRA RESOUR						
SPUD DATE:	THE RESERVE THE PERSON NAMED IN COLUMN 2 IS NOT THE PERSON NAMED I		0	EPTEMBER 30, 2006			
STATUS:	COMM						
SURFACE:	COMM	ABANDONED DATE: DOWNHOLE:	_				
OFFSETS:	N 520 E 497	OFFSETS:	N	520 E 497			
LATITUDE:	52.513397	LATITUDE:	_	2.512504			
LONGITUDE:	114.018366	LONGITUDE:	_	13.994327			
GROUND ELEVATION:	THE RESERVE TO THE RE	TOTAL DEPTH:	_	637 m			
WELL TYPE:	NOT AVAILABLE	SUBSTANCE:	_	OT AVAILABLE			
WELL ITPE.	NOT AVAILABLE	SUBSTANCE.	IN	OT AVAILABLE			
WELL ID:	W0 / 13-01-041-01 W5	/0		RecExempt			
LICENCE #:	0006991Y	LICENCE DATE:		SEPTEMBER 2, 195			
WELL NAME:	CALIFORNIA 177 RIM	BEY TH 13-1-41-1					
WITHIN:	13-01-041-01 W5	H2S (mol/kmol):		NOT AVAILABLE			
LICENCEE:	CHEVRON CANADA L	İMITED					
SPUD DATE:	SEPTEMBER 2, 1953	FINAL DRILL DATE:		SEPTEMBER 2, 195			
STATUS:	ABD	ABANDONED DATE:	SEPTEMBER 3, 195				
SURFACE:		DOWNHOLE:					
OFFSETS:	S 15.5 W 1618.4	OFFSETS:		S 15.5 W 1618.4			
LATITUDE:	52.508592	LATITUDE:		52.508592			
LONGITUDE:	114.025804	LONGITUDE:		114.025804			
GROUND ELEVATION:	933.7 m	TOTAL DEPTH:		330 m			
WELL TYPE:	NOT AVAILABLE	SUBSTANCE:		NOT AVAILABLE			
WELL ID:	00 / 14-01-041-01 W5 /		_				
LICENCE #:	0241276	LICENCE DATE:	Α	UGUST 23, 2000			
WELL NAME:	PROVIDENT GILBY 14	The second secon					
WITHIN:	03-12-041-01 W5	H2S (mol/kmol):	Ν	OT AVAILABLE			
LICENCEE:	PROGRESS ENERGY		_				
SPUD DATE:	OCTOBER 2, 2000	FINAL DRILL DATE:	0	CTOBER 14, 2000			
STATUS:	GAS FLOW	ABANDONED DATE:					
SURFACE:		DOWNHOLE:	_				
OFFSETS:	N 385 E 511.9	OFFSETS:	_	380.6 E 434.3			
LATITUDE:	52.512187	LATITUDE:		2.505303			
LONGITUDE:	114.01814	LONGITUDE:	_	14.019281			
GROUND ELEVATION:	908.8 m	TOTAL DEPTH:	_	142 m			
WELL TYPE:	NOT AVAILABLE	SUBSTANCE:	N	OT AVAILABLE			
WELL ID:	00 / 06-12-041-01 W5 /	0					
LICENCE #:	0240963	LICENCE DATE:	A	UGUST 16, 2000			
WELL NAME:	PROVIDENT GILBY 6-	12-41-1 W5					
WITHIN:	06-12-041-01 W5	H2S (mol/kmol):	N	OT AVAILABLE			
LICENCEE:	PROVIDENT ENERGY						
SPUD DATE:	AUGUST 24, 2000	FINAL DRILL DATE:	A	UGUST 26, 2000			
STATUS:	GAS FLOW	ABANDONED DATE:					
SURFACE:		DOWNHOLE:	_				
OFFSETS:	N 430 E 526.9	OFFSETS:	N	430 E 526.9			
LATITUDE:	52.512592	LATITUDE:	_	2.512592			
LONGITUDE:	114.017919	LONGITUDE:	_	14.017919			

GROUND ELEVATION:		TOTAL DEPTH:	1939 m
WELL TYPE:	NOT AVAILABLE	SUBSTANCE:	NOT AVAILABLE

EUB WELL INFORMATION CURRENT TO JUNE 2, 2008

PRINT REPORT

VIEW IN EXCEL

CLOSE REPORT

There are no Facilities found.

PRINT REPORT

VIEW IN EXCEL

CLOSE REPORT

LOCATION: 01-08-041-28W4M

There are no Spill/Complaint Incidents for this LSD.

LOCATION: 02-08-041-28W4M

There are no Spill/Complaint Incidents for this LSD

LOCATION: 03-08-041-28W4M

There are no Spill/Complaint Incidents for this LSD

LOCATION: 04-08-041-28W4M

There are no Spill/Complaint Incidents for this LSD

LOCATION: 05-08-041-28W4M

There are no Spill/Complaint Incidents for this LSD.

LOCATION: 06-08-041-28W4M

There are no Spill/Complaint Incidents for this LSD.

LOCATION: 07-08-041-28W4M

There are no Spill/Complaint Incidents for this LSD.

LOCATION: 08-08-041-28W4M

There are no Spill/Complaint Incidents for this LSD.

LOCATION: 09-01-041-01W5M

There are no Spill/Complaint Incidents for this LSD

LOCATION: 10-01-041-01W5M

There are no Spill/Complaint Incidents for this LSD

LOCATION: 11-01-041-01W5M

There are no Spill/Complaint Incidents for this LSD.

LOCATION: 12-01-041-01W5M

There are no Spill/Complaint Incidents for this LSD.

LOCATION: 13-01-041-01W5M

There are no Spill/Complaint Incidents for this LSD.

LOCATION: 14-01-041-01W5M

There are no Spill/Complaint Incidents for this LSD.

LOCATION: 15-01-041-01W5M

There are no Spill/Complaint Incidents for this LSD.

LOCATION: 16-01-041-01W5M
There are no Spill/Complaint Incidents for this LSD.
LOCATION: 01-11-041-01W5M
There are no Spill/Complaint Incidents for this LSD.
LOCATION: 02-11-041-01W5M
There are no Spill/Complaint Incidents for this LSD.
LOCATION: 07-11-041-01W5M
There are no Spill/Complaint Incidents for this LSD.
LOCATION: 08-11-041-01W5M
There are no Spill/Complaint Incidents for this LSD.
LOCATION: 09-12-041-01W5M
There are no Spill/Complaint Incidents for this LSD.
LOCATION: 10-12-041-01W5M
There are no Spill/Complaint Incidents for this LSD.
LOCATION: 11-12-041-01W5M
There are no Spill/Complaint Incidents for this LSD.
LOCATION: 12-12-041-01W5M
There are no Spill/Complaint Incidents for this LSD.
LOCATION: 13-12-041-01W5M
There are no Spill/Complaint Incidents for this LSD.
LOCATION: 14-12-041-01W5M
There are no Spill/Complaint Incidents for this LSD.
LOCATION: 15-12-041-01W5M
There are no Spill/Complaint Incidents for this LSD.
LOCATION: 16-12-041-01W5M
There are no Spill/Complaint Incidents for this LSD.

STATUS:

SURFACE:

OFFSETS:

LATITUDE:

LONGITUDE:

WELL TYPE:

GROUND ELEVATION:

PRINT REPORT	VIEW IN EXCEL	CLOSE REPOR	Т	
WELL ID:	00 / 15-08-041-28 W4 / 2			
LICENCE #:	0360907	LICENCE DATE:	Jl	JLY 27, 2006
WELL NAME:	CABRERRA ET AL MORNSIDE 15-8-41-28			
WITHIN:	06-12-041-01 W5	H2S (mol/kmol):	NOT AVAILABLE	
LICENCEE:	CABRERRA RESOURCES LTD.			
SPUD DATE:	SEPTEMBER 20, 2006	FINAL DRILL DATE:	SEPTEMBER 30, 2006	
STATUS:	COMM	ABANDONED DATE:		
SURFACE:	DOWNHOLE:			
OFFSETS:	N 520 E 497	OFFSETS:	N 520 E 497	
LATITUDE:	52.513397	LATITUDE:	52.512504	
LONGITUDE:	114.018366	LONGITUDE:	113.994327	
GROUND ELEVATION:	907.7 m	TOTAL DEPTH:	2637 m	
WELL TYPE:	NOT AVAILABLE	SUBSTANCE:	N	OT AVAILABLE
Out of the second of the secon				
WELL ID:	W0 / 13-01-041-01 W5 /	70 RecExempt		RecExempt
LICENCE #:	0006991Y	LICENCE DATE: SEPTEMBER 2,		SEPTEMBER 2, 195
WELL NAME:	CALIFORNIA 177 RIME	BEY TH 13-1-41-1		
WITHIN:	13-01-041-01 W5	H2S (mol/kmol): NOT AVAILABLE		NOT AVAILABLE
LICENCEE:	CHEVRON CANADA LIMITED			
SPUD DATE:	SEPTEMBER 2, 1953	FINAL DRILL DATE:		SEPTEMBER 2, 195

ABANDONED DATE:

DOWNHOLE:

OFFSETS:

LATITUDE:

LONGITUDE:

SUBSTANCE:

TOTAL DEPTH:

SEPTEMBER 3, 1953

S 15.5 W 1618.4

NOT AVAILABLE

52.508592

330 m

114.025804

WELL ID:	00 / 14-01-041-01 W5 / 3			
LICENCE #:	0241276	LICENCE DATE: AUGUST 23, 2000		
WELL NAME:	PROVIDENT GILBY 14-1-41-1			
WITHIN:	03-12-041-01 W5	H2S (mol/kmol): NOT AVAILABLE		
LICENCEE:	PROGRESS ENERGY	LTD.		
SPUD DATE:	OCTOBER 2, 2000	FINAL DRILL DATE:	OCTOBER 14, 2000	
STATUS:	GAS FLOW	ABANDONED DATE:		
SURFACE:		DOWNHOLE:		
OFFSETS:	N 385 E 511.9	OFFSETS:	S 380.6 E 434.3	
LATITUDE:	52.512187	LATITUDE:	52.505303	
LONGITUDE:	114.01814	LONGITUDE:	114.019281	
GROUND ELEVATION:	908.8 m	TOTAL DEPTH:	2142 m	
WELL TYPE:	NOT AVAILABLE	SUBSTANCE:	NOT AVAILABLE	

EUB WELL INFORMATION CURRENT TO JUNE 2, 2008

ABD

S 15.5 W 1618.4

NOT AVAILABLE

52.508592

114.025804

933.7 m

EUB DATA ATTACHED F	ILES			Close Screen
				OPTIONS
				View Company Info
				View Installation Info
LICENCE/LINE #:	EUB PIPELINE INFO CURRENT TO APRIL 24658 - 10		OCTOBER 20, 2000	<u>View Entire</u>
ABACUS #:	30592	LICENCE DATE:		<u>Licence</u>
COMPANY:	PROVIDENT ENERGY	_TD.		
FROM LOCATION:	06-12-041-01 W5M WE			
LENGTH:	3.18 kms 1.98 mi	STATUS:	0	View Licence
SUBSTANCE:	NG	H2S:	0 mol/kmol 0 ppm	Ticket
OD:	114.3 mm 4.50 "	WT:	3.96 mm 0.16 "	
MATERIAL:	S	TYPE:	Z245.1	
GRADE:	3591	MOP:	9900 kPa 1436 psi	
JOINTS:	W	INTL COATING:	U	View Spill
STRESS LEVEL:	40 %	ENVIRONMENT:		Incidents
ORIGINAL PERMIT DATE:	OCTOBER 20, 2000	CONST. DATE:		i i
ORIGINAL LICENCE/LINE #:	24658 - 10			
				<u>Highlight Line</u>
-				Highlight Entire Licence
				Print Screen

PRINT REPORT VIEW IN EXCEL CLOSE REPORT

There are no Facilities found.

Appendix 6: Disclosure Statements ADWIL-08105-00-0, A.D. Williams Engineering Ltd.

]	
J	No data is available for this section.
;	
]	
]	
\int	
]	
J	
J	
<u> </u>	

Appendix 7: Past Environmental Reports

Appendix 8: Qualifications and Information Pertaining to the Environmental Consultants

Name of Firm: Ecomark Ltd.

Address: 100 – 14964 – 121A Avenue, Edmonton, Alberta T5V 1A3

Phone: (780) 444-0706

Fax: 1-866-337-8631

Date Established: January 11, 2000

Insurance Coverage:

Professional Errors & Omissions - \$2,000,000
 Commercial General Liability - \$1,000,000

WCB Account

Safety Training: All professional staff at Ecomark has appropriate safety training in WHIMS, H₂S Alive,

TDG, First Aid and Ground Disturbance Practices.

We excel in assessments, reclamation and remediation, and corporate environmental management. Our experience covers phase 1, 2, and 3 environmental assessments and environmental audits on the widest variety of industrial/commercial and residential properties and companies. We also have extensive facility experience, from scouting potential routes and facilities, through audit of existing facilities, to final reclamation and restoration of disturbed habitats.

One of our key strengths is corporate (government) liability assessments. We evaluate the environmental liability incumbent to a site or sites. We have been relied on by major corporations to place a monetary value on the environmental liability of assets being acquired, disposed of, or maintained.

Our staff provides Ecomark with 28 years of individual professional experience. We have appropriate professional errors and omission (E&O) insurance, contractors general liability (CGL) insurance, and Worker's Compensation. We have also attained Small Employer Certificate of Recognition (SECOR) safety status. A professional biologist, professional chemist, professional engineer, or professional geologist warrants all our work. We do quality, fully warranted assessments that all parties can understand.



Ecomark Ltd. Projects and Experience

Phase 1 Environmental Assessments

Phase 1 environmental assessments throughout Canada

Phase 2 Environmental Assessments

Phase 2 environmental assessments throughout Canada

Tier 2 risk assessments, Airdrie, Sundre, and North Garrington, Alberta

Phase 3 and 4 Environmental Assessments

Oilfields reclamation in Devon, Bonnie Glen and Redwater

Oil lease cleanups

Class 3 railway derailment cleanup and complete railway line abandonment

Diesel spill remediation

Fuel tank removals and cleanups

Underground storage tank remediation

Contaminated soil cleanups

Landfill reclamations

Salt spill weeping tile design and geotechnical assessment

Bioremediation, audit, waste cleanup, and process redesign

Erith River crossings reclamation

Peat bog sewage treatment field reclamation

Grading, cleanup, and reclamation of Mountain Park Loop

Pipeline crossing inspection, creek monitoring, and reclamation

Native grass and forbs species research for boreal forest reclamation

Stabilization of a mineral spring

Mitigation measures and further recommendations for rare native grasslands

Constructed wetland, survey, plan, construction

Wastewater tertiary treatment

Mould Assessments

Mould assessments

Indoor air quality assessments

Assessments - Reports, Acquisition, Habitat, Hazard, Environmental Impact and Others

Corporate environmental acquisition assessments

Chemical/brownfield site assessments

Federal and provincial environmental impact assessments

Health risk impact assessment, Health Board equivalent of an EIA

Environmental compliance audit for health facilities

Commercial environmental audits and technical reviews

Hazard identification assessments for industry, developers, and municipalities

Complete biophysical assessments, including wetland and aquatic assessments Compost research and field application trials

Nutrient management in intensive livestock operations

Effects on nitrogen leaching in soils with the application of bedding

Effects of phosphogypsum on compost

Waste operations

Route selection and design of river crossings for pipelines

Technology evaluations for secondary off-gas treatment, cement kiln

Scouting, application, and approvals for linear development projects

Medicine Lodge Loop environmental assessment

Environmental field report for Cheviot and Mountain Park Railway

Stormwater outflow inspection and installation, Atim Creek

Culvert installation under Atim Creek CN Right-Of-Way

Aquatic inspection in Athabasca and North Saskatchewan drainages



Fisheries monitoring studies and research and creek fisheries assessments

Transalta fish recovery tank for Lake Wabamun

Dredging impact literature search and sediment survey, Lake Wabamun

Rare plant studies throughout western Canada, including a study covering 1.8 million hectares in northwestern Saskatchewan, and smaller studies in BC and Alberta

Technology, composting alternatives, fly ash for road building material

Air, Water, Soil and Biomonitoring

Groundwater monitoring

Soil monitoring

Vegetation, lichen, and agricultural field biomonitoring

Establishment of biomonitoring plots complete with FCIR and Air Photo interpretation

Indoor air quality monitoring

Environmental Systems Development

Landfill design and development

Establishment of bioremediation, composting, and recycling facilities

Environmental training module and delivery

Environmental procedures manual for North American Construction Group

EUB waste module manual and delivery

Northern Alberta compost brochure and manual

Building operator training program waste module

Habitat restoration and environmental aspects of linear development

Fisheries training (linear development)

Cleanup of upstream oilfield sites for World Bank Russia training program

Training for Alberta Onsite Waste Water training program

Waste management system development

Waste module for downstream oilfield operations in Venezuela

Waste audit report on waste resource management at Northlands Park

Management of animal bedding from a race track by diversion from landfill and use in composting or incorporation into farm fields

Compost marketing study for the University of Alberta

Sewage field testing

Intensive livestock composting seminar for the County of Lamont

Assessment of waste dewatering market for Western Canada

Waste audit and waste minimization implementation

Development of integrated waste management facility for Fero, Yukon

Environmental management course, waste management, construction, and operations for Russia World Bank

Development of waste management facility for Margao, India

International hazardous waste management pricing survey

Operational enhancement of community septic system and design of new infiltration field

Establishment of hazardous waste transfer station, including market analysis

Assistance in establishing bioremediation market

Assistance and rewrite of production unit subscription and business plan

Assistance on CADR grinding technology

Assessment of proposals for PCB regulatory framework for Colombia

Historical environmental review for Paintearth Resource Recovery Centre, Coronation, Alberta

Energy management plan

Development of micropower interconnection on-line manual

Installation of monitoring and demonstration system for solar heating project

Applications, Licenses, and Regulatory Assistance

Facility approval applications

Integrated municipal waste facility Board of Health application

Industrial application for waste handling facilities

Waste management applications



AEUB Guide 58 applications
AEUB Guide 55 support
Water well application for facility water supply system
Redefinition of hazardous waste for Canadian Environmental Protection Act
Assessment of regulations for importation of hauling waste from other countries
Development of the Medicine Hat Waste Management Facility, Petro-Canada
Development of the Paintearth Resource Recovery Centre
Development of commercial land for Wetaskiwin, Alberta

