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REPORT ON

**AGRICULTURE AND AGRI-FOOD CANADA
PHASE I AND PHASE II ENVIRONMENTAL
SITE ASSESSMENT OF
6947 LOUGHEED HIGHWAY, AGASSIZ
510 CLEARBROOK ROAD, ABBOTSFORD
31790 WALMSLEY AVENUE, ABBOTSFORD
BRITISH COLUMBIA**

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EXECUTIVE SUMMARY

Golder Associates Ltd. (Golder) has prepared this report for Agriculture and Agri-Food Canada (AAFC). Golder completed a Phase I and Phase II Environmental Site Assessment (ESA) of the AAFC Pacific Agri-Food Research Centre – Agassiz Site at 6947 Lougheed Highway, Agassiz (Figure 1), and satellite research farms at 510 Clearbrook Road, Abbotsford (Figure 2) and 31790 Walmsley Avenue, Abbotsford (Figure 2), British Columbia.

The primary objective of the Phase I ESA was to document the condition of the Agassiz Site and Research Farms (Clearbrook and Walmsley) based on available sources of information and observations of surface conditions during the Site reconnaissance. The objective was to identify former and current operations or practices of the past and present occupants, lessors, users, and owners that may represent potential environmental concerns. The purpose of the Phase II ESA was to assess areas of potential environmental concern (APECs) identified as a result of the Phase I ESA.

The Agassiz Site is located at the north and north-eastern end of the town of Agassiz, BC. Farm 1 includes the central building complex, consisting of office buildings, laboratories, greenhouses, screenhouses, various barns, fields and research plots. Farm 2 consists of a former paint storage shed, former incinerator, former sewage treatment equipment, barns, residential housing, fields and research plots.

The Clearbrook Research Farm (“Clearbrook RF”) is located at the south end of the City of Abbotsford, BC. Clearbrook RF includes a residence, barn, fuel storage and research plots.

The Walmsley Avenue Research Farm (“Walmsley RF”) is located at the south end of the City of Abbotsford, B.C. and to the east of the Abbotsford Airport. Walmsley RF consists of an office building, shed, paint, pesticide and fertilizer storage, pot storage, fuel storage, pumphouse, weather station and screenhouses.

Phase I ESA Results

Based on the information obtained during the Phase I ESA, the following Areas of Potential Environmental Concern (APECs) were identified.

- **APEC 1 – Building 37**

Documentation indicates that Building 37 (Farm 1) was used for the storage of pesticides and the preparation (including weighing and measuring of herbicides, fungicides and insecticides) of chemicals for field plot and greenhouse experiments. A previous investigation undertaken in the vicinity of the building was limited and did not assess for the presence of pesticides.

- **APEC 2 – Former Landfill (near Building 54)**

Documentation indicated that materials disposed of in the former landfill located in the vicinity of Building 54 (Farm 1) included construction waste and domestic refuse prior to the 1960s. It is possible that construction waste such as paint and solvent may have been disposed of in this area. No investigations have previously been conducted for this APEC.

- **APEC 3 – Groundwater beneath Farm 1**

Based on previous assessments undertaken across the site and review of historical documentation, pesticides and fertilizers have been used to varying extents across the site. Previous investigations have indicated the presence of pesticides and nutrients (on occasion at elevated concentrations) in the groundwater.

- **APEC 4 – Sewage Treatment Equipment**

A sewage treatment facility was present on Farm 2 that was considered likely to have been associated with the past use of the area for correctional services. Based on its location and the former use of the area it is assumed that it was used for domestic (human) purposes only.

Management Issues

Based on the site reconnaissance and review of available documentation the following “management issues” were identified:

- **Storage Tanks**

There is limited available information on the six heating oil USTs removed in 1986. If excavation work is completed on the Site, a contingency plan for handling of potential odorous and/or stained soils should be developed.

- **Waste Pesticide AST**

Water was observed in the secondary containment beneath the waste pesticide AST. A management plan should be implemented to prevent the accumulation of rain water in the secondary containment.

- **Chemical Storage**

Information on chemicals stored and discharged prior to 1971 is limited. If excavation work is completed on the Site, a contingency plan for handling of potential odorous and/or stained soils should be developed.

- **Potential Presence of Lead-Based Paints and Asbestos-Containing Materials.**

Based on the age of many of the site buildings located and a previous assessment, lead-based paints and asbestos-containing material are present in certain buildings. If existing buildings are to be demolished or refurbished in the future, a specific hazardous building materials survey should be undertaken to assess the potential risk associated with these materials.

- **Incinerator**

An incinerator was present on Farm 2, likely associated with the past use of the area for correctional services. If ash is observed during future works at the site, handling and disposal should consider the potential for the presence of metals in the waste.

Clearbrook Research Farm

No APECs were identified at the Clearbrook Research Farm during this assessment.

Based on the site reconnaissance and review of available documentation the following “management issue” was identified:

- **Potential Presence of Lead-Based Paints and Asbestos-Containing Materials**

Based on the age of the buildings located on the site lead-based paints and asbestos-containing materials may be present. If renovations or demolitions are planned, a hazardous building material survey should be completed.

Walmsley Research Farm

The APECs identified at the Walmsley Research Farm based on the review of available documentation and the site reconnaissance included:

- **APEC 5 – Equipment Storage Shed**

The dirt floor of the equipment shed was observed to have surficial hydrocarbon-like staining. No previous investigations are known to have been undertaken in this area.

- **APEC 6 – Pesticide, Fertilizer and Paint Storage**

Staining was observed on the floor of the pesticide, fertilizer and paint storage shed. No previous investigations are known to have been undertaken in this area.

Phase II ESA Results

A Phase II ESA was conducted at the site to assess the potential for subsurface contamination due to each of the Areas of Potential Environmental Concern (APECs) identified, and to assess the potential contaminants of concern (PCOCs). The Phase II ESA consisted of locating and identifying underground utilities, borehole drilling and monitoring well installation, sampling existing and new groundwater monitoring wells, soil investigation and the chemical analyses of selected soil and groundwater samples.

Based on the assessment undertaken the following summarises the findings:

APEC 1 – Building 37 (Agassiz Site Farm 1)

The assessment of groundwater in the vicinity of Building 37 was not undertaken as the wells were either destroyed or inaccessible. No other wells were identified in the vicinity that could be sampled and analysed as an alternative. Further investigation has not been recommended based on the groundwater quality observed during the assessment of the other three APECs across the site.

APEC 2 – Former Landfill (near Building 54) (Agassiz Site Farm 1)

The chemical analysis undertaken on the three groundwater samples collected from the wells in the vicinity of Building 53 (former landfill area) indicated that, for the analytes tested, the concentrations were below the applicable guidelines and standards, except for the concentration of iron detected in one of the monitoring wells and the concentration of manganese detected in all three monitoring wells exceeded the CCME DW criteria (based on aesthetics). The concentration observed during this assessment was compared to the investigation undertaken in 1994. The results indicate that the concentrations observed are comparable and considered likely to represent natural background concentrations. The soil observations during the investigation indicate that either the landfill was not located in this area or the material landfilled was granular fill.

APEC 3 – Use of Pesticides and Fertilizers Across the Site (Agassiz Site)

The chemical analysis undertaken on the six samples collected from four monitoring wells and two drinking wells located on the site indicated that, for the analytes tested the concentrations were below the applicable guidelines and standards, except for the concentration of manganese. The concentration of manganese in both of the drinking water wells exceeded the CCME DW criteria, (based on aesthetics). The concentrations observed during this assessment were compared to the 1994 investigations. The results indicated that the concentrations observed are comparable and considered likely to represent natural background concentrations. Therefore, no further investigations are recommended for this APEC.

APEC 4 – Sewage Treatment Facility (Agassiz Site Farm 2)

The chemical analysis undertaken on the three samples collected from the sludge stockpile indicated that the concentration of molybdenum (5.7 µg/g) slightly exceeded the CCME and CSR AL standard of 5 µg/g. However the concentration was below the CCME Residential/Parkland guideline and CSR Residential and Urban Park standard of 10 µg/g. The slight exceedence observed indicates that the soil may not be suitable for agricultural purposes but meets the residential standards.

APEC 5 – Equipment Shed (Walmsley RF)

The chemical analysis undertaken on the two samples collected from the surface soils within the equipment shed indicated that the concentration of cadmium exceeded the CCME and CSR AL standard in both samples. The concentration of petroleum hydrocarbons (Fraction 3) in one of the samples (Sa1) exceeded the CWS-PHC standard. The vertical and lateral extent of this impact was not determined during this assessment.

The concentrations of PCOCs were compared to guidelines and standards relevant to agriculture use, based on use of the site for agricultural research. However, the Walmsley RF is currently zoned industrial. If the site was returned to industrial use, the concentrations of parameters of concern would be below the IL standard. To assess contingent liability if the area was required to be delineated or remediated, the estimated volume of contaminated soil is considered to be shallow and in the range of five to ten cubic metres.

APEC 6 – Pesticide, Fertilizer and Paint Shed (Walmsley RF)

The chemical analysis of the water from the well located at the Walmsley RF indicated that, for the analytes tested, the concentrations were below the applicable guidelines and criteria, except for the concentration of manganese. The concentration of manganese detected exceeded the CCME DW criteria (based on aesthetics). Given that the criteria is based on aesthetic objectives rather than toxicity objectives we recommend that no further investigation be undertaken for this APEC.

Based on the Phase II ESA, the NCSCS classification for the APECs at the Agassiz Site and Walmsley Research Farm were calculated as follows:

APEC	Score	Category
APEC 4 – Sewage Treatment Equipment	38.3	Class 3
APEC 5 – Equipment Shed	24.7	Class N

In addition to the NCSCS classification and scoring for each of the APECs identified during the Phase I and Phase II ESA for the Agassiz Site and the Walmsley Research Farm the NCSCS classification and scoring for previously assessed areas at the Agassiz Site were reviewed. Only previously assessed areas that had a NCSCS above Class N were reclassified. The review of the NCSCS classification and scoring are summarised below.

Area	Class/Score	Date	Class/Score	Date	Class/Score	Date
1-A1 (metal disposal)	3 / 40	1991	3 / 38	1994	N / 30.2	2004
1-A2 (Landfill)	2 / 50	1991	N / 29	1994		
1-A3 (Landfill – APEC 2)	3 / 42	1991			N / 30.2	2004
1-C1 (Compost)	3 / 49.9	1991	N / 37	1994		
1-C2 (Burnables)	3 / 46.6	1991			N / 26.2	2004
1-C3 (Compost)	3 / 46.9	1991			N / 21.2	2004
1-C4 (Manure Storage)	3 / 46.9	1991	N / 34	1994		
1-C5 (Manure Storage)	3 / 48	1991			N / 21.2	2004
1-C6 (Manure Storage)	3 / 48.8	1991			N / 21.2	2004
1-C7 (Manure Storage)	3 / 48.8	1991	N / 37	1994		
1-C8 (Manure Storage)	3 / 48.8	1991			N / 22.2	2004
1-C9 (Compost)	3 / 47.7	1991			N / 26.2	2004
1-C10 (Compost)	3 / 46.7	1991			N / 26.2	2004

Area	Class/Score	Date	Class/Score	Date	Class/Score	Date
1-C11 (Compost)	3 / 47.9	1991			N / 26.2	2004
1-C12 (Compost)	3 / 48.9	1991	N / 37	1994		
1-C13 (Compost)	3 / 47.9	1991	3 / 41	1994	N / 26.2	2004
1-C14 (Agronomy Lab.)	3 / 46.9	1991	N / 32	1994		
1-C15 (Header House)			N / 34	1994		
1-C16 (Poultry Lab.)			N / 35	1994		
1-C17 (Postharvest Lab.)			N / 34	1994		
1-C18 (Entomology Lab.)			N / 29	1994		
1-C19 (Pesticide Building)			3 / 40	1994	N / 22.2	2004

Based on the assessment undertaken at the Agassiz Research Station and Walmsley Research Farm no further assessment of remediation of APEC 1, APEC 2, APEC 3 or APEC 6 is required at this time.

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1.0 INTRODUCTION

1.1 Background

Golder Associates Ltd. (Golder) has prepared this report for Agriculture and Agri-Food Canada (AAFC). Golder completed a Phase I and Phase II Environmental Site Assessment (ESA) of the AAFC Pacific Agri-Food Research Centre – Agassiz Site at 6947 Lougheed Highway, Agassiz (Figure 1), and satellite research farms at 510 Clearbrook Road, Abbotsford (Figure 2) and 31790 Walmsley Avenue, Abbotsford (Figure 2), British Columbia.

The purpose of the work was to assess whether the past or present activities undertaken at the Agassiz Site and the two research farms may have significant potential to impair the soil and groundwater conditions, possibly resulting in the need for mitigative measures.

1.2 Study Objectives

The primary objective of this Phase I ESA was to document the condition of each of the Research Stations at the time of the reconnaissance, based on available sources of information and observations of surface conditions during the reconnaissance at the Agassiz Site, Clearbrook Research Farm and Walmsley Research Farm. The objective was to identify former and current operations or practices of the past and present occupants, lessors, users, and owners that may represent potential environmental concerns. The assessment focused on identifying potential environmental concerns relating to soil and groundwater contamination that may have occurred on the Agassiz Site, Clearbrook Research Farm and Walmsley Research Farm or on the adjacent properties.

The Phase I ESA followed Golder's "*Revised Work Plan for Phase I Environmental Site Assessment for AAFC Research Stations At Agassiz, Kamloops and Summerland, BC*", dated September 29, 2003.

The purpose of the Phase II ESA was to assess areas of potential environmental concern (APECs) identified as a result of the Phase I ESA. Subsurface investigations conducted during the Phase II ESA aided in characterizing the nature and extent of potential subsurface contamination at the Agassiz Site, Clearbrook RF and Walmsley RF. The Phase II ESA followed Golder's January 13, 2004 facsimile entitled "*Summary of Agassiz and Abbotsford Research Stations Areas of Potential Environmental Concern and Recommended Scope of Work*".

2.0 SITE LOCATION

2.1 Agassiz Research Station

The Agassiz Site is located at the north and north-eastern end of the town of Agassiz, BC (Figure 1). Farm 1 includes the central building complex, consisting of office buildings, laboratories, greenhouses, screenhouses, various barns, fields and research plots (Figure 3). Farm 2 consists of a former paint storage shed, former incinerator, former sewage treatment equipment, barns, residential housing, fields and research plots (Figure 4).

Based on historical documentation provided by Mr. Chris Keith of AAFC, this facility is covered by the Certificate of Titles as summarised in Table 1 and presented in Appendix I. The geographical coordinates for the Agassiz Site are Latitude 49°13'58.57" N and Longitude 121°45'59.59" W.

Table 1 - Summary of Certificate of Titles for the Agassiz Site

Certificate Number	Volume	Folio	Date
D2748			May 1889
148134E	-	148143E	January 1942
329741E	1293	-	June 1954
377655E	1483	-	November 1956
377656E	1483	-	November 1956
377657E	1483	-	November 1956
3843A	12	228	March 1969
M116131E	-	-	December 1976

The Agassiz Site consists of a 308 hectare land parcel, within Agricultural Land Reserve lands.

2.2 Clearbrook Research Farm

The Clearbrook Research Farm ("Clearbrook RF") is located at the south end of the City of Abbotsford, BC (Figure 2). Clearbrook RF includes a residence, barn, fuel storage and research plots (Figure 5).

Based on historical documentation provided by Mr. Chris Keith of AAFC, this facility is covered by the Certificate of Title 182475E Volume 188696E, included in Appendix I. The geographical coordinates for the Clearbrook RF are Latitude 49°0'45.86" N and Longitude 122°20'15.42" W

The Clearbrook Research Farm consists of a 7.5 hectare land parcel and is zoned agricultural.

2.3 Walmsley Research Farm

The Walmsley Avenue Research Farm ("Walmsley RF") is located at the south end of the City of Abbotsford, B.C. and to the east of the Abbotsford Airport (Figure 2). Walmsley RF consists of an office building, shed, paint, pesticide and fertilizer storage, pot storage, fuel storage, pumphouse, weather station and screenhouses (Figure 6).

Based on historical documentation provided by Mr. Chris Keith of AAFC, this facility has been leased from the Minister of Transport (Appendix I). The original land lease covered an area of 4.05 hectares, which was later increased to 8.52 hectares in 1975. The geographical coordinates for the Walmsley RF are Latitude 49°01'25.76" N and longitude 122°20'46.77" W

The Walmsley Research Farm currently consists of a 2 hectare land parcel within an area zoned as industrial.

3.0 GEOGRAPHIC AND GEOLOGIC SETTING

The Agassiz Site is located on a broad alluvial plain adjacent to the Fraser River contiguous with Fraser River sediments which extends northward to the Village of Harrison Hot Springs, southwest beyond Chilliwack, and eastward over Sea Bird Island. Salish sediments consisting of channel and overbank deposits and loam overlie the northwest corner of the Agassiz Site (Geological Survey of Canada, Map 1487A, 1:50,000, 1980).

The Surficial Geology of Mission Map 1485A (1:50,000) indicates that the Abbotsford Research Farms are underlain by Sumas Drifts. The Sumas Drift generally consists of recessional channel and floodplain deposits laid down by proglacial streams; gravel and sand up to 40 metres thick, normal range thickness 5 to 25 metres.

The climate in the Agassiz and Abbotsford area consists of warm, dry summers and cool, moist winters. Golder reviewed available data from the nearest long-term reporting weather station in each area which was the Agassiz Site and Abbotsford Airport. The Agassiz Site has been reporting climate data since 1889 and the Abbotsford Airport since 1944. Each site is monitored by Environment Canada.

The Agassiz Site weather station indicated an average daily mean temperature of 10.5 °C, with a daily mean temperature ranging from 2.5 °C in January to 18.40 °C in August. The total annual precipitation for the Agassiz Site is approximately 1754.7 mm (Environment Canada, Canadian Climate Normals 1971-2000).

The Abbotsford Airport weather station indicated an average daily mean temperature of 10°C, with a daily mean temperature ranging from 2.60°C in January to 17.70°C in August. The total annual precipitation for the Research Farms is approximately 1573.2 mm (Environment Canada, Canadian Climate Normals 1971-2000).

4.0 PHASE I ENVIRONMENTAL SITE ASSESSMENT

4.1 Scope of Work

As requested by AAFC the scope of work for this Phase I ESA generally followed the terms of reference as provided by Public Works and Government Services Canada (PWGSC) dated August 2003 and was completed as three tasks. Task One included a records review, site history review, and information evaluation. Task Two included a site reconnaissance. Task Three included reporting of the information collected as part of Tasks One and Two, and recommendations for further investigations and/or remediation (if required). The scope of work also included the completion of the National Classification System for Contaminated Sites (NCSCS) for the Agassiz Site, Clearbrook RF and Walmsley RF, and an indicative estimate of liability or contingency as outlined in the Terms of Reference.

The Phase I ESA was conducted in general accordance with the standards outlined in CSA Z768-01 (November 2001). The scope of the Phase I ESA is also generally consistent with the Stage I Preliminary Site Investigation requirements of the British Columbia Ministry of Water, Land and Air Protection (MWLAP) under the Contaminated Sites Regulation (CSR) provisions of the Waste Management Act.

The scope of work of the Phase I ESA is sufficient only to identify potential environmental issues that may be observed from visual examination of surface features and operating practices, and from available documented information sources. No water, soil, sediment, air, liquid, gas, product or chemical sampling and testing was conducted on or in the vicinity of the Agassiz Site, Clearbrook RF and Walmsley RF during this investigation. Opportunistic samples were not collected. The Phase I ESA included cursory observations of the neighbouring land use, but did not constitute a rigorous evaluation of the adjacent properties.

4.2 Information Review

The information sources used and reviewed (where available) in completing the Phase I ESA included:

- Legal land titles and title history;
- Historical aerial photographs;
- Water well records;
- Surficial geology, and topography maps and references;

- Pertinent documents supplied by AAFC, or others;
- Regulatory agency data from agencies including Environment Canada and MWLAP;
- Fire insurance information from Insurers' Advisory Organization (IAO);
- Previous reports; and
- Interviews with persons familiar with the sites.

4.3 Previous Reports Reviewed

As part of this assessment the following previous reports were examined:

- Agriculture Canada (1991) "*Evaluation of Waste Disposal Sites in British Columbia*".
- Golder Associates Ltd. (1994) "*Environmental Site Assessment, Agricultural Research Station Agassiz, BC (Vol. 1 & 2)*".
- Agra Earth & Environmental (1996) "*Phase 1 and Limited Phase 2 Environmental Site Assessment, Buildings Proposed for Leasing, Pacific Agricultural Research Centre, 6947 Lougheed Highway, Agassiz, British Columbia*".
- Golder Associates Ltd. (1997) "*Screening Level Environmental Impact Assessment, Pacific Agriculture Research Centre Agassiz, BC*".
- Golder Associates Ltd. (1998) "*Addendum I, Screening Level Environmental Impact Assessment, Pacific Agriculture Research Centre Agassiz, BC. Potential Impacts Associated with the Installation of a Geothermal Well Field*".
- Golder Associates Ltd. (1998) "*Addendum II, Screening Level Environmental Impact Assessment, Pacific Agriculture Research Centre Agassiz, BC. Assessment of Potential Impacts*".
- Golder Associates Ltd. (1998) "*Addendum III, Screening Level Environmental Impact Assessment, Pacific Agriculture Research Centre Agassiz, BC. Assessment of Potential Impacts*".
- AGRA Earth & Environmental Limited (2000) "*Removal of an Underground Storage Tank and Confirmatory Soil and Groundwater Sampling, 6947 #7 Highway, Agassiz, British Columbia*".

- Pottinger Gaherty Environmental Consultants Ltd. (2000) “*Soil Investigation of Former Above Ground Fuel Storage Facilities – Pacific Agri-Food Research Centre (Abbotsford Farm) and Abbotsford Sub-station near Abbotsford, B.C.*”.

A summary of the previous investigations undertaken is provided in the following sections.

4.3.1 Agriculture Canada (1991)

A review of the report indicated that the purpose of this assessment at the Agriculture Canada establishments was to:

- Identify and locate abandoned and current-use waste disposal sites;
- Identify and locate land contaminated by leaking underground storage tanks;
- Identify and locate any other contaminated land sites;
- Assess these sites with respect to their potential for posing a hazard to humans or the environment; and
- Recommend follow up actions for reducing hazard(s) posed by the sites, if required.

Based on the assessment undertaken at the Agassiz Site, a number of waste disposal areas (compost, manure storage and landfills) were identified. In addition, six former and two existing underground storage tanks were identified on the Agassiz Site between 1950 and 1991.

The assessment indicated that based on the National Classification System of Contaminated Sites the different waste disposal areas were ranked as:

- Considered to be of low risk (1-A1, 1-A3, 1-C2 to 1-C14);
- Considered to be of low-medium risk (1-C1); and
- Considered to be of medium risk (1-A2).

Recommendations made generally throughout the report included:

- No further assessment of the site at this time and if current land use is maintained.
- Should land use in or near the site change, then further assessment would be prudent.

- Ground and surface water in and around the site should be sampled and analysed to determine if it meets drinking water standards. If contamination is evident then further assessment of soil may be required (1-A2).
- Disposal site should be covered with soil when closed.

4.3.2 Golder Associates Ltd. (1994)

In 1994, Golder undertook an environmental site assessment of the Agassiz Site. The assessment included the investigation of soil vapour, surface water, soil and groundwater at twelve waste disposal sites.

Chemical analysis of soil and groundwater collected at the waste disposal sites assessed encountered relatively low concentrations of contaminants, typically at levels below the existing federal/provincial (CCME/BCE) remediation criteria applicable to the site. A surface water sample collected at the intermittent slough near 1-A2 and 1-C13 was found to contain low levels of total metals and nutrients, and pesticides were not detected above the laboratory reporting limit.

Impacts to soil and groundwater in the area of the waste disposal sites (1-A1 and 1-A2) appeared to be associated with the presence of isolated concentrations of elevated metals (barium, mercury, sulphur and zinc), in excess of applicable soil remediation criteria, trace concentrations of DDT and PCBs in soil at 1-A1, and a trace concentration of the chlorinated pesticide, Naled, in groundwater at 1-A2. Metals were generally present at background levels in the groundwater. The results of the field investigation indicated that the landfill sites appear to represent a minimal risk to human health and the environment.

Analysis of soil and groundwater at the manure storage sites (1-C4 and 1-C7), for nutrients and dissolved anions and metals, indicated limited impacts to the environment based on winter sampling. However, the presence of dissolved ammonia and nitrate above inferred natural background levels at both sites suggested the potential for elevated levels of nitrate to occur during the spring months when manure accumulation is greatest and precipitation high.

Field investigations at composting sites (1-C1/C12 and 1-C13) encountered isolated zones of non-organic/non-compostable wastes (metal, glass, ash) at both sites. While the non-organic fill material at 1-C1/C12 was found to contain acceptable levels of metals and mineral oil and grease, the ash fill at 1-C13 contained high concentrations of lead, sulphur and zinc as well as elevated mineral oil and grease, all above current federal/provincial remediation and/or investigation criteria. Metal contaminants were not found at levels of concern in groundwater collected at the nearby monitoring well (MW-25). However, groundwater at both compost sites exhibited nitrate concentrations

above drinking water limits. The elevated nitrate levels may be of some concern because of the potential migration of nitrate towards property boundaries and private water supply wells located off site.

Investigations of the rock pit and septic disposal sites (1-C14 through 1-C19) encountered limited impacts to the soil and groundwater except in the area of 1-C19, near the pesticide building.

Pesticides were present in three soil samples collected at 1-C19, with combined concentrations exceeding applicable provincial criteria in one of the samples. Two of the pesticides present in the soil, atrazine and endosulfan, were detected in groundwater at monitoring well (MW-15), but at levels below the BCE drinking water limits. Based on inferred flow directions and the present configuration of wells at 1-C19, it was considered possible that higher concentrations of pesticides may be present in the groundwater which were undetected in the program. Higher concentrations of pesticides may also be found in the soil and groundwater during the summer months when the building is in active use. Although natural attenuation processes, sorption and decay, were anticipated to restrict the migration of pesticides far beyond the source, the presence of a number of private and municipal wells beyond the nearest property boundary (300 m away) rendered the site of some concern with respect to groundwater consumption and use.

According to the CCME National Classification System for contaminated sites, most of the sites investigated (1-A2, 1-C4, 1-C7 and 1-C14 through 1-C18) had class N ratings and were considered to be of low risk. However, the abandoned waste disposal site 1-A1, the composting sites 1-C1/C12 and 1-C13, and the in-ground disposal facility for the Pesticide Storage Facility (1-C19) had Class 3 ratings and were considered to be of medium-low risk.

Recommendations were made for re-sampling of all monitoring wells for nitrates to more fully assess the impacts of site activities on groundwater nitrate concentrations, re-sampling of two wells near 1-C19 for pesticides and completion of a round of water level monitoring during a summer monitoring event. Additional recommendations were put forth regarding the implementation of improved waste and pesticide management practices on site, including: construction of a covered storage facility for manure storage at 1-C4; removal of ash containing elevated sulphur and heavy metals from 1-C13; closure of 1-C12 and storage of compost at an appropriate composting facility or disposal off site; closure of 1-C2 used for burning of combustible wastes; closure of the one active landfill on site; and replacement of the current rock-pit disposal system at 1-C19 with an appropriate treatment system for pesticides and other wastes in accordance with provincial regulations.

4.3.3 Agra Earth and Environmental Ltd. (1996)

In 1996, Agra Earth and Environmental Ltd. undertook a Phase I and Limited Phase 2 assessment of the site as part of AAFC due diligence policy for the proposed leasing of some of the buildings located on the site. The assessment undertaken included a review of historical records, interviews, site reconnaissance, sample collection and analysis (asbestos-containing material and lead-based paints), review of previous reports and reporting of findings.

During the Agra 1996 assessment the following issues were identified and recommendations made:

- Elevated concentrations of pesticides were found occasionally in groundwater. It was recommended that representative samples of the groundwater from the four wells (i.e., two domestic supply and two irrigation wells) present on site be collected and evaluated for pesticides.
- If buildings were to be connected to the municipal sewer system, then prior to decommissioning of the septic tanks/drain fields, biohazardous wastes (e.g., raw sewage) be disposed of in a manner acceptable by the Department of Health.
- Asbestos-containing materials were identified in some of the buildings proposed to be leased at the time of the assessment. It was recommended that during renovations, necessary precautions be undertaken. If the materials were to be removed, an approved contractor should be retained and the materials disposed in accordance with the Waste Management Act.
- Lead-based paints were identified in buildings across the site. It was recommended that during renovations, necessary precautions be undertaken. Suspected lead-containing materials would be sampled and analysed to determine appropriate waste disposal (e.g., special waste).

4.3.4 Golder Associates Ltd. (1997)

In 1997, Golder undertook a screening level environmental impact assessment of a proposed upgrade that would involve the replacement of several structures with a “single roof concept” facility. The assessment involved:

- the review of previous investigations, relevant published and unpublished reports;
- site reconnaissance; and
- interviews with site staff.

Based on this assessment the following valued ecosystem components were identified:

- construction personnel and staff health and safety;
- local Agricultural Land Reserve Lands;
- local soil and groundwater resources for agricultural production and water supply;
- the 1893 former calf barn and the arboretum;
- Coho salmon and cutthroat trout and their habitat in Miami Creek; and
- Green herons and their habitat in the vicinity of Agassiz Slough.

An assessment was conducted of potential environmental impacts to these valued ecosystem components. Impacts were categorized as “low”, “moderate” or “high” based on subjective criteria. The assessment indicated that no potential impacts were identified that are considered to have “high” significance. The table below indicates the potential impacts considered to be of “low” and “moderate” significance.

Low Significance	Moderate Significance
Damage to infrastructure, heritage and archaeological resources.	Release of hazardous, regulated and/or controlled substances.
Sediment deposition, damage to vegetation, noise and dust.	Disturbance of soil and groundwater contaminants associated with underground infrastructure.
Impacts as a result of greenhouse operations.	Degradation of soil and groundwater quality during the operations phase and as a result of cumulative and synergistic impacts.

Mitigation measures and general recommendations to address these potential impacts are provided, including recommendations with regard to:

- Soil and groundwater contamination at the site caused by previous waste management practices;
- The presence of hazardous, regulated and/or controlled substances at the site;
- The long-term conservation of environmental resources near the site; and
- Construction planning.

Recommendations also included sampling and analysis of soil and groundwater near the former pesticide building (No. 58) and soil quality near an equipment storage shed (No.52) where hydrocarbon staining was observed. In addition, it was recommended that a qualified consultant be retained to inventory all asbestos-containing materials in the building to be decommissioned and to oversee the removal and disposal of these materials in accordance with relevant, regulations and guidelines.

4.3.5 Golder Associates Ltd. (Addendum I) (1998)

The assessment undertaken by Golder as part of the Addendum I, was to identify the potential adverse environmental impacts potentially associated with the installation of a geothermal well field at the site, assess the significance of potential impacts, and propose mitigation measures and/or additional investigations as appropriate.

The recommendations made during this assessment included a further evaluation of the identified potential impacts which may result from the operation of a geothermal well field at the site and to mitigate and/or manage the potential environmental risks which may be associated with the operation of a geothermal system.

4.3.6 Golder Associates Ltd. (Addendum II) (1998)

The purpose of this report was to assess the significance of potential environmental impacts which were identified in the EIA and in Addendum I. The results of the potential environmental-impact assessments included:

- Groundwater in the vicinity of the historic pesticide building was indicated to be suitable for its present and intended use at the site in regards to potential biocides. Potential impact of soils by the potential biocides of concern near the historic pesticide building was considered to be low. However, it was indicated that shallow soil near the historic pesticide building should be managed.
- Suspect soil near the northeast corner of an equipment-storage building had been remediated.
- The potential for adverse environmental impacts to result from the storage, handling and use of biocides at the facility upgrade will be mitigated through implementation of existing policies and procedures.
- Laboratory effluent from the facility upgrade would be discharged to the District of Kent sanitary sewer system. Laboratory-chemical storage, handling and disposal policies and procedures would mitigate the potential for adverse impacts from laboratory discharge.

- Water-table elevation changes which are induced by pumping or injecting water at the proposed geothermal wells were unlikely to affect levels or flow characteristics in nearby surface-water bodies.
- The proposed well field was unlikely to significantly affect the quality or quantity of groundwater at existing nearby water-supply wells. Although it was recommended that the installation of groundwater wells and implementing long-term monitoring programs to assess and document the actual effects of the operating well field.
- It was considered that the pumping/injection rates, which were proposed for the geothermal wells, were likely to induce only small and localized changes in the water-table elevation. It was also recommended that the well be located a minimum of approximately 30 m from existing or planned buildings, services or other structures to decrease the risk that groundwater fluctuations would affect geotechnical characteristics of the subsurface.
- Groundwater mounding associated with the injection of water within the proposed well field is unlikely to cause or contribute to surface flooding and is unlikely to significantly increase seepage rates into nearby subsurface structures. The likelihood of groundwater mounding and affecting research plots is considered to be small.
- The potential for a significant thermal plume being produced by the proposed well field and negatively affecting nearby water-supply wells is low.
- The possibility of pumping contaminated groundwater through the proposed geothermal system can be minimized through implementing mitigative chemical usage, handling, and storage practices within the effective well-field.

4.3.7 Golder Associates Ltd. (Addendum III) (1998)

The assessment undertaken consisted of the monitoring of water levels in previously-installed wells. The chemical analysis of groundwater from three previously-installed wells. Chemical analysis of soil collected from 20 shallow test pits excavated near the former pesticide building. The excavation of two shallow test-pits in the vicinity of Building 54, an equipment-storage building, where previous investigation had identified the presence of stained soil suspected to contain hydrocarbons. The purpose of the investigation was to re-assess, prior to the demolition of the pesticide building and re-development of the area, the quality of soil and groundwater which were indicated by previous investigations to contain elevated levels of biocides.

Based on the assessment undertaken, the following recommendations were made should excavation or other handling or relocation of soil near the pesticide building be necessary:

- Soil quality above a depth of 1.0 m should be assessed with respect to its OCP content prior to excavation, etc.
- The quality of soil within 0.5 m of the ground surface near the Pesticide Building and more than four metres from the test pits which were excavated as part of the assessment be assessed with respect to its content of OCP prior to excavation.
- Shallow soil (above 0.5 m depth) which is near the pesticide building and/or other soil of comparable quality require on-site relocation, it was recommended that adequate precautions be taken to minimize the likelihood that leachable biocides originating from the soil are able to impact the shallow aquifer beneath the site.
- Shallow soil (above 0.5 m depth) which is near the pesticide building and/or other soil of comparable quality require on-site relocation, it was recommended that the soil be placed in a manner that will minimize the potential for the soil or runoff or seepage originating from the soil to enter surface water.
- Personnel exposed to soil during excavations should take appropriate precautions to limit their exposure to the soil.
- If soil is to be disposed off-site, it was recommend that it be determined if the soil qualifies as a Dangerous Good or a Special Waste.

4.3.8 AGRA Earth & Environmental Ltd. (2000)

In 2000, AGRA undertook an investigation at the site that included supervision of an abandoned UST removal, assessment of the extent of soil and groundwater contamination, and the disposal of the contaminated soil and groundwater encountered.

During the excavation of the UST, evidence of contamination was observed. Soil excavated was stockpiled on site and confirmatory samples collected from the walls and base of the excavation. Confirmatory samples analysed indicated that the base of the excavation had concentrations of the chemicals of concern above the CSR - Agricultural Land Use standards and CCME - criteria for agriculture use. Two samples analysed from the stockpiled material exceeded both the CSR and CCME standards and criteria.

Based on the chemical analysis, further works were recommended that included assessing the extent of soil and groundwater contamination. Additional soil was excavated from the base of the excavation and groundwater monitoring wells installed. During the installation of the wells no visual or olfactory evidence of contamination was observed in the soil or groundwater. The chemical results indicated that, for the contaminants of concern, the concentrations detected were below the laboratory reporting limit. Additional confirmatory samples collected and analysed from the base of the excavation indicated that the concentration of the contaminants of concern were below the CSR standards and CCME criteria.

During the excavation of the UST, an “oily sheen” was observed on the surface of the water that had ponded. A sample collected and submitted to the laboratory indicated that the concentrations of contaminants of concern exceeded the CSR aquatic water use standard and the CSR and CCME drinking water standards and criteria, respectively.

Stockpiled soil identified during the assessment as contaminated was disposed of off-site to a treatment and disposal facility located in Abbotsford, British Columbia. The water removed from the excavation was transported off-site to a treatment facility in Richmond. Testing of remaining water in the excavation indicated that the concentrations were below the CSR and CCME drinking water standards and criteria. Agra indicated that no further investigation and/or remediation were warranted at the time of the investigation.

4.3.9 Pottinger Gaherty Environmental Consultants Ltd. (2000)

In 2000, Pottinger Gaherty Environmental Consultants Ltd. undertook a soil investigation at the Clearbrook RF and the Walmsley RF. The investigation undertaken at the Clearbrook RF involved the assessment of near surface soils in the vicinity of the former aboveground storage tank. At the Walmsley RF the investigation involved the assessment of impacted surface soils adjacent to the fuel storage shed.

Soil samples were collected from beneath and in the vicinity of the aboveground storage tank at the Clearbrook RF and submitted to a laboratory for light and heavy extractable petroleum hydrocarbon analysis. The analytical results indicated that, for the analytes tested, the concentrations detected were below the laboratory reporting limits.

Surface soil samples were collected in the vicinity of the former fuel storage shed at the Walmsley RF. One of these samples was submitted to a laboratory for light and heavy extractable petroleum hydrocarbon analysis. The analytical results indicated that the concentration of light extractable petroleum hydrocarbons exceeded the CSR AL standards.

The impacted area was remediated by the Agriculture Canada staff by hand excavation. The excavated soil was placed in drums and disposed of to Sumas Environmental Services Inc. in Abbotsford, B.C. Confirmatory samples collected from the base of the excavation were submitted to a laboratory for light and heavy extractable petroleum hydrocarbon analysis. Analytical results indicated concentrations of analytes tested were below the laboratory reporting limits and the CSR AL standards.

4.4 Historical Aerial Photograph Review

Agassiz Site

Historical aerial photographs for the Agassiz Site and the adjacent areas were obtained from the University of British Columbia, Geographic Information Centre. Aerial photographs from 1949 to 1999 were available for review. Table 2 presents a summary of the aerial photograph interpretation. Selected aerial photographs are reproduced in Appendix II.

Table 2 - Aerial Photograph Interpretation for the Agassiz Site

Date	Aerial Photograph	Site Description	Surrounding Area
1949	BC719:18/19	<p>Farm 1: An entrance road from the main road leads to a central building area of the site. The central building area appears to consist of a number of buildings of varying sizes. Surrounding this central building area are fields. In some of these fields areas of low depression (e.g., possible water hole) are present. Areas of disturbed soil are also observed along the northern boundary.</p> <p>Farm 2: Was not covered in this photograph.</p>	<p>Farm 1: Located to the north of the site is Green Mountain. The site is bounded by the Highway to the east. To the south the site is bounded by vacant land and residential properties. To the west the site is bounded by agricultural land.</p>
1954	BC1685:90/91	<p>Farm 1: It appears that additional buildings have been built within the central building area, including buildings along the site's boundary to the east of the central building area. There appear to be 3 to 5 buildings and stockpiles of soil located in the field immediately to the east of the central building area. A path also appears along the base of Green Mountain.</p> <p>Farm 2: Is not visible in this photograph.</p>	<p>Farm 1: The surrounding land use appears similar to the 1949 aerial photograph.</p>

Date	Aerial Photograph	Site Description	Surrounding Area
1963	BC5061:191, 204/205	<p>Farm 1: Additional buildings have been built within the central building area. The area of low depression still exists to the north west of the central building area and appears to contain water. The buildings along the boundary to the east of the central building area appear to have been demolished. Areas along the northern boundary appear to have been disturbed (e.g., trees removed).</p> <p>Farm 2: In this photograph a portion of the site is visible. The portion visible was used for a correctional institution. This area consists of a building in the shape of a H, a building in the shape of a cross, and 5 to 6 rectangular shaped buildings. Soil appears to be disturbed to the south and west of the buildings.</p>	<p>Farm 1: The surrounding land use appears unchanged from the previous photograph reviewed.</p> <p>Farm 2: This portion of the site is surrounded by fields to the north, east and west and Green Mountain to the south.</p>
1971	BC05407:44/45	<p>Farm 1: Additional buildings may have been constructed in the central building area. The area of low depression is still present to the north west of the central building area. Soil appears to be disturbed along the northern boundary in places.</p> <p>Farm 2: Appears similar to the previous photograph reviewed.</p>	<p>Farm 1 and Farm 2: The surrounding land use appears similar to the previous photograph reviewed.</p>

Date	Aerial Photograph	Site Description	Surrounding Area
1979	BC79045:57/58, 126	<p>Farm 1: Additional buildings have been built within the central building area. The low depression to the north west of the central building area has been split into two areas of depression rather than one. The area to the north of building 34 and areas along the northern boundary appear disturbed.</p> <p>Farm 2: Appears similar to the previous photograph reviewed, with the exceptions of buildings now observed to the west of the correctional area.</p>	<p>Farm 1: Surrounding areas to the south and agricultural land to the west appears further developed. The areas to the east and north of the site appear unchanged.</p> <p>Farm 2: The surrounding land use appears similar to the previous photograph reviewed.</p>
1983	BC83017:183/184	<p>Farm 1: Additional buildings have been built within the central building area. The two low depressions still appear to be present. Soil appears to be disturbed in the field to the far east of the central building area. Soil also appears to be disturbed in a field to the north of the central building area.</p> <p>Farm 2: Was not covered in this photograph.</p>	<p>Farm 1: Surrounding areas to the south and agricultural land to the west appears further developed. The areas to the east and north of the site appear unchanged.</p>
1993	BC93029:190/191	<p>Farm 1: Additional buildings have been built within the central building area, while others appear to have been removed/demolished. The two low depressions appear to have been filled. Soil to the north of Building 54 appears to be disturbed, possibly in preparation of the composting facility. Soil also appears to be disturbed between pumphouse and Building 34. Areas along the northern boundary still appear disturbed.</p> <p>Farm 2: Was not covered in this photograph.</p>	<p>Farm 1: Surrounding areas to the south and agricultural land to the west appears further developed. The areas to the east and north of the site appear unchanged.</p>
1999	6064-330	<p>Farm 1: The site appears relatively unchanged from the previous aerial photograph.</p> <p>Farm 2: Was not covered in this photograph.</p>	<p>Farm 1: The surrounding land use appears relatively unchanged from 1993.</p>

Clearbrook Research Farm

Historical aerial photographs for the Clearbrook Research Farm and the adjacent areas were obtained from the University of British Columbia, Geographic Information Centre. Aerial photographs from 1940 to 1999 were available for review. Table 3 presents a summary of the aerial photograph interpretation. Selected aerial photographs are reproduced in Appendix II.

Table 3 - Aerial Photograph Interpretation for Clearbrook Research Farm

Date	Aerial Photograph	Site Description	Surrounding Area
1940	209:5	The site appears to be covered entirely by vegetation (trees).	The surrounding land appears to be either covered by vegetation (trees) or farmland. Buildings are generally located near the main road on each of the farmland areas.
1949	729:72	A majority of the site is covered by vegetation (trees) except for a portion of the south east corner. In the south east corner the vegetation appears to have been removed.	The surrounding land use appears to have changed slightly with the addition of further buildings (e.g. possible sub division of farmland) and clearing of vegetation in the north east portion of the neighbouring property to the south.
1954	1783:36	The site appears unchanged from the 1979 aerial photograph reviewed.	The surrounding land to the north, east and west appear to be unchanged. However, an assessment of land use to the south can not be undertaken due to the lateral extent of the photograph in this direction.
1963	5072:282	The site has been developed. A majority of the trees have been cleared from the site and crop fields been established. A number of farm buildings are located along the southern boundary.	The surrounding land to the north, east and west appear to be unchanged. The land located to the immediate south of the site has been developed potentially for agricultural purposes. Further south the land appears to be used as a quarry.

Date	Aerial Photograph	Site Description	Surrounding Area
1974	5591:226	The site appears similar to the 1963 aerial photograph reviewed.	The surrounding land use to the north, east, south and west appears similar to the previous photograph.
1979	79010:061	The site appears similar to the 1974 aerial photograph reviewed.	The surrounding land use to the north, east, south and west appears similar to the previous photograph.
1983	83014:168	The site appears similar to the 1979 aerial photograph reviewed.	The surrounding land use to the north, east, south and west appears similar to the previous photograph.
1988	88007:105	The site appears similar to the 1983 aerial photograph reviewed.	The surrounding land use to the north, east, south and west appears similar to the previous photograph.
1994	94:25	The site appears similar to the 1988 aerial photograph reviewed.	The surrounding land use to the north, east, south and west appears similar to the previous photograph.
1999	6064:232	The site appears similar to the 1999 aerial photograph reviewed.	The surrounding land use to the north, east, south and west appears similar to the previous photograph.

Walmsley Research Farm

Historical aerial photographs for the Walmsley Research Farm and the adjacent areas were obtained from the University of British Columbia, Geographic Information Centre. Aerial photographs from 1940 to 1999 were available for review. Table 4 presents a summary of the aerial photograph interpretation. Selected aerial photographs are reproduced in Appendix II.

Table 4 - Aerial Photograph Interpretation for Walmsley Research Farm

Date	Aerial Photograph	Site Description	Surrounding Area
1940	209:5	The site appears to be used for agricultural purposes, with some vegetation (trees) and clearing. Buildings appear to be located along the northern and eastern boundary of the property. However, due to the poor quality of the photograph details of the site are difficult to distinguish.	The surrounding land generally appears to be used for agricultural purposes.

Date	Aerial Photograph	Site Description	Surrounding Area
1949	729:72	The majority of the site has been cleared of vegetation (trees) and appears to be used for agricultural purposes. A few buildings appear to be located on the northern boundary (accessed from Walmsley Ave) and on the eastern boundary (accessed from Clearbrook Road).	The surrounding land to the east and south of the site appears to be used for farmland. The land to the west of the site is being developed for the airport, with a section of the runway being observed. The photograph did not include land to the north of the site.
1954	1783:36	The majority of the site remains similar to the previous photograph, with the exception of the buildings located along the northern boundary. A number of additional buildings appear to have been developed to the east and west of the original building area.	The surrounding land use to the east and south of the site appears unchanged. The photograph did not include land to the north of the site. The land use to the north of the site appears to be farmland.
1963	5072:220	Additional buildings appear to have been constructed to the east of the original building area along the northern boundary (Walmsley Ave). The remainder of the site appears unchanged.	The surrounding land use to the east and south of the site appears unchanged. The land use to the north of the site has altered slightly, with the presence of buildings along the northern side of Walmsley Ave. Further north west of the site there appears to be a quarry. The runway to the west of the site appears to have been extended in an easterly direction.
1974	5591:179	The buildings located along the eastern boundary appear to have been demolished, as does the majority of buildings that existed along the northern boundary (Walmsley Ave). A number of the trees that were observed in the previous photograph have also been removed. Two small buildings appear along the northern boundary.	The surrounding land to the east and south of the site appears unchanged. The runway has been extended further to the east. The land to the north of the site has been developed further with the addition of more buildings and the quarry has been extended to cover a larger area. Part of the quarry appears to be filled with water.

Date	Aerial Photograph	Site Description	Surrounding Area
1979	79010:061	The site appears to be cleared of vegetation and buildings, with the exception of four buildings clustered together on the northern boundary.	The surrounding land use appears unchanged.
1983	83014:168	The site appears relatively unchanged with the exception of two additional buildings with the other four buildings on site. The land to the immediate east appears to be developed for different crops.	The surrounding land use appears unchanged.
1988	88007:105	The land surrounding the buildings located on the site to the east, south and west appears to be developed for different crops. The remainder of the site appears unchanged.	The surrounding land use appears unchanged.
1994	94:25	The site appears relatively unchanged from the previous photograph, with the exception of an additional building.	The surrounding land use appears unchanged.
1999	6064:232	The site appears similar to the previous photograph.	The surrounding land use appears unchanged.

4.5 Historical Directories Search

Greater Vancouver occupancy directory listings were searched for each of the sites and surrounding properties. Based on this search, limited information was obtained due to listings in these areas either being provided based on the occupiers surname or street address with no street number listed. The information obtained by the search is summarized in Table 5. A copy of the pages reviewed from the directories is provided in Appendix III.

Table 5 - Directory Review Summary

Date	Listing
Agassiz Research Station	
1955	Experimental Farm Boarding House, Harrison Hot Springs Road.
1965	Lougheed Highway, no listing at 6947.
Clearbrook Research Farm	
1965	Clearbrook Road, no listing at 510. However there is a listing at 579.
1970	Clearbrook Road, no listing at 510. Listing starts at 1630 and finishes at 3035
1980	Clearbrook Road, no listing at 510. Listing starts at 1630 and finishes at 3339.
1990	Clearbrook Road, no listing at 510. Listing starts at 1630 and finishes at 2580 (complete listing not provided).
2000	Clearbrook Road, no listing specifically for 510. Listing starts at 71 and finishes at 3065.
Walmsley Research Farm	
1965	Walmsley Avenue, no listing at 31790
2000	31790 Walmsley Avenue listed, however no further details were provided.

4.6 Water Wells

Agassiz Site

An on-line search of the MWLAP Groundwater Database System was conducted. The search indicated that there were 29 registered water wells in total on or in the vicinity of Farm 1 and Farm 2 of the Agassiz Site. A summary of the well locations are presented in Table 6. The results of the groundwater database search is provided in Appendix IV.

Table 6 - Summary of Groundwater Well Search for Agassiz

Number of Wells	Well Location
4	Farm 1
21	Township of Agassiz
3	North of Farm 1
1	In the vicinity of Farm 2

Clearbrook Research Farm

An on-line search of the MWLAP Groundwater Database System was conducted. The search indicated that there were 73 registered water wells in total on or in the vicinity of the Clearbrook Research Farm. A summary of the well locations is presented in Table 7. The results of the groundwater database search is provided in Appendix IV.

Table 7 - Summary of Groundwater Well Search for Clearbrook

Number of Wells	Well Location
1	Clearbrook Road
17	Huntingdon Road
14	Columbia Street
7	Gladwin Road
2	Vye Road
1	Emerson Road
1	Montgomery Avenue
3	Short Road
27	Unknown Street Address

Walmsley Research Farm

An on-line search of the MWLAP Groundwater Database System was conducted. The search indicated that there were 80 registered water wells in total on or in the vicinity of the Walmsley Research Farm. A summary of the well locations are presented in Table 8. The results of the groundwater database search is provided in Appendix IV.

Table 8 - Summary of Groundwater Well Search for Walmsley

Number of Wells	Well Location
1	Site
40	Huntingdon Road
14	Clearbrook Road
6	Walmsley Avenue
7	Columbia Road
12	Unknown Street Address

4.7 Agency Inquires

4.7.1 Insurers' Advisory Organization (IAO)

Agassiz Site

A request for information was made to Mr. Douglas Brazeau of the Insurers' Advisory Organization (IAO) on October 9, 2003 and a response received on October 10, 2003. A Historical Environmental Information Reporting System (HEIRS) search was conducted by the IAO and no information regarding the Agassiz Site, such as fire insurance maps or insurance reports, was found. A copy of the response is attached in Appendix V.

Clearbrook Research Farm

A request for information was made to Mr. Douglas Brazeau of the Insurers' Advisory Organization (IAO) on November 12, 2003 and a response received on November 26, 2003. A Historical Environmental Information Reporting System (HEIRS) search was conducted by IAO and no information found regarding the Clearbrook Research Farm, such as fire insurance maps or insurance reports, was found. A copy of the response is attached in Appendix V.

Walmsley Research Farm

A request for information was made to Mr. Douglas Brazeau of the Insurers' Advisory Organization (IAO) on November 12, 2003 and a response received on April 29, 2004. A Historical Environmental Information Reporting System (HEIRS) search was conducted by IAO and no information found regarding the Walmsley Research Farm such as fire insurance maps or insurance reports, was found. A copy of the response is attached in Appendix V.

4.7.2 Environment Canada

Information regarding PCB storage, reports of spills, or records of non-compliance with environmental acts and regulations was requested from Environment Canada by facsimile on November 3, 2003 to Ms Bev Defehr. A response was received in November 12, 2003 for the Agassiz Site and the Research Farms (Clearbrook and Walmsley) and is provided in Appendix VI. The search indicated that no records of PCB storage or inspection records of non-compliance were kept in the Pacific and Yukon Region. Environment Canada was not aware of any permits, approvals or orders have been issued under other federal or provincial legislation by other government departments.

4.7.3 BC Ministry of Water, Land and Air Protection (MWLAP)

Agassiz Site

An on-line search of the MWLAP Site Registry was conducted for the Agassiz Site and vicinity to identify registered properties with environmental investigations or remediation activities within approximately 500 metres of the Agassiz Site. The search indicated that there was one property registered within 500 metres of the Agassiz Site currently under assessment. The property is located at 1756 Highway 9, Agassiz, BC. The status of the property identified is Active-Under Assessment, no further information was available. The results of the search are presented in Appendix VII. The property is located down-gradient of the Agassiz Site and is therefore considered unlikely to impact the Site.

Clearbrook Research Farm

An on-line search of the MWLAP Site Registry was conducted for the Clearbrook Research Farm and vicinity to identify registered properties with environmental investigations or remediation activities within approximately 500 metres of the Clearbrook RF. The search indicated that there were no properties registered within 500 metres of the Clearbrook RF currently under assessment. The results of the search are presented in Appendix VII.

Walmsley Research Farm

An on-line search of the MWLAP Site Registry was conducted for the Walmsley Research Farm and vicinity to identify registered properties with environmental investigations or remediation activities within approximately 500 metres of the Walmsley RF. The search indicated that there were no properties registered within 500 metres of the Walmsley RF currently under assessment. The results of the search are presented in Appendix VII.

4.8 Interviews

People familiar with the Agassiz Site and Research Farms (Clearbrook, Walmsley) were contacted as part of the Phase I ESA investigation. Verbal responses to specific questions pertaining to the Agassiz Site and Research Farms (Clearbrook, Walmsley) have been incorporated into the relevant sections in the report for the following persons:

- Mr. Lorne Premeau, Maintenance Supervisor
- Ms. Beth McCannel, Laboratory Technician
- Mr. Mike Bodnar, Farm Crew Supervisor

5.0 SITE RECONNAISSANCE

Dr. Simone Mol of Golder conducted a reconnaissance of the three sites on October 14, 2003 and was accompanied by Mr. Chris Keith, Environmental Engineer for the Asset Management Team of AAFC (hereafter referred to as the “Client Representative”) and Mr. Lorne Premeau, Maintenance Supervisor of Pacific Agri-Food Research Centre (hereafter referred to as the “Site Representative”). Photographs for each of the Agassiz Site and the Research Farms (Clearbrook, Walmsley) during the reconnaissance are presented in Appendix VIII.

During the site reconnaissance, no opportunistic soil samples were collected.

5.1 Agassiz Site

5.1.1 Site Description

The Agassiz Site (established 1888) is located at 6947 Lougheed Highway, Agassiz, BC (Figure 1) and covers an area of approximately 308 hectares. The Agassiz Site has been divided into two areas. The first area is referred to as Farm 1 and the second area is referred to as Farm 2.

Farm 1 is accessed from Lougheed Highway (Highway 7) and is bounded to the north and east by Green Mountain, to the south by railway tracks and the town of Agassiz and to the west by residential and agricultural properties. Farm 1 includes the central building area which consists of office buildings, laboratories, residences, various barns, greenhouse facilities and surrounding fields and research plots. A current plan of Farm 1 showing the location of the existing buildings and fields is presented in Figure 3. A summary of buildings on Farm 1 (past and present) is presented in Table 9.

Farm 2 is accessed from Chaplin Road and is bounded to the north by Bear Mountain, to the east by agricultural properties and Maria Slough, to the west by Green Mountain and to the south by Maria Slough. At the time of the site reconnaissance Farm 2 consisted of an incinerator (former), paint storage shed, sewage treatment equipment (former), residence, farming barns and fields. A current plan of Farm 2 showing the location of the existing buildings and fields is presented in Figure 4. A summary of buildings on Farm 2 (past and present) is presented in Table 9.

Table 9 - Farm 1 and Farm 2 Building Descriptions

Building Number	Building Name	Year Built	Square Metres	Status
Farm 1				
01	Storage	1916	27	Existing – In Use
04	Residence	1924	279	Existing, Leased to UBC
05	Two Car Garage	1952	37	Existing, Leased to UBC
06	Residence	1947	279	Existing – In Use
06A	Garage	1892	22.	Existing – In Use
07	Residence	1915	276	Existing, Leased to UBC
09	Two Car Garage	1950	39	Existing, Leased to UBC
10	Maternity Barn	1916	323	Existing, Leased to UBC
12	Dry Cow Barn	1950	2516	Existing, Leased to UBC
13	Heritage Barn	1892	2223	Existing – In Use
13A	Manure Storage	1975	282	Existing, Leased to UBC
14	General Service Building	1913	214	Demolished
15	Scale House	1923	87	Demolished
17	Entomology Lab	1947	86	Demolished
18	Administration	1919	793	Demolished
19	Residence	1955	360	Existing – In Use
20	Carpenter Shop	1920	658	Existing – In Use
21	Implement Shop	1912		Existing – In Use
22	Implement Shop	1954	181	Existing – In Use
28	Poultry House and Offices	1950	1150	Existing – In Use
29	Poultry Hatchery	1921	172	Existing – In Use
31	Headerhouse Greenhouse	1948	117.	Existing – In Use
32	Agronomy Building	1931	928	Existing – In Use
32A	Grinding Rooms	1974	27	Existing – In Use
34	Forage Dryers-LAB	1953	123	Existing – In Use
35	Storage	1916	453	Existing – In Use
6	Horticulture Building	1927	393	Demolished
37	Hort Header Lab	1956	380	Demolished
37A	Greenhouse 3	1938	84	Demolished
37B	Greenhouse	1955	319	Demolished
38L	Screenhouse	1978	167	Demolished

Building Number	Building Name	Year Built	Square Metres	Status
38V	Screenhouse	1978	167	Demolished
38N	Screenhouse	1978	167	Demolished
47	Machine Shop/Mechanic Shop	1958	465	Existing – In Use
48B	Stanchion Barn	1960	347	Existing, Leased to UBC
48C1	Hay Shed	1960	161	Existing, Leased to UBC
48C2	Hay Shed	1960	240	Existing, Leased to UBC
48D	Lounging Barn	1960	1171	Existing, Leased to UBC
48G	Manure Storage	1975	282	Existing, Leased to UBC
50	Piggery Storage	1915	149	Existing – In Use
51	Picnic Shelter	1955	48	Existing – In Use
52	Implement Shed	1964	203	Existing – In Use
53	Water Supply	1968	396	Existing – In Use
53A	Well 1	1968	8	Existing – In Use
53B	Well 2	1968	8	Existing – In Use
54	Poultry Cage House	1967	592	Existing – In Use
55	Poultry Barn		940	Existing – In Use
56	Calf Barn	1972	572	Existing, Leased to UBC
58	Pesticide Storage	1974	54	Demolished
60	Bunker Silo	1975	401	Existing, Leased to UBC
65	Metal Storage Shed (from prison)		54	Existing
68	Hort Storage	1980	6	Demolished
69	Plastic Greenhouse	1980	540	Demolished
70	Plastic Greenhouse	1980	275	Demolished
71	Feedmill Lab	1986	1289	Existing – In Use
72	New Greenhouse	1988	972	Existing – In Use
73	PCB Storage	1988	15	Existing – In Use
74	Chemical Storage	1992	61	Existing – In Use
75	Milking Parlor and Office		562	Existing, Leased to UBC
76	New Fuel Shed	1990	20	Existing – In Use
77	Manure Storage		481	Existing, Leased to UBC
78	Compost Facility	1995	848	Existing – In Use
79	Entomology Trailer		667	Demolished
80	Pesticide Storage	1996	59	Existing – In Use
	Agronomy Trailer		30	Existing

Building Number	Building Name	Year Built	Square Metres	Status
81	New Equipment Storage	2000	731	Existing – In Use
83	Screenhouse	1999	167	Existing – In Use
83	Screenhouse	1999	167	Existing – In Use
83	Screenhouse	1999	167	Existing – In Use
85	New Office Lab Complex	2000	7000	Existing – In Use
Farm 2				
40	Residence	1901	241	Existing – In Use
41	Implement Shed	1900	123	Existing, Leased to UBC
42	Pumphouse	1958	25	Existing, Leased to UBC
45	Bunker Silo Hay Shed	1961	38	Existing, Leased to UBC
45A	Lounging Barn	1957	585	Existing, Leased to UBC
49	Heifer Barn	1960	135	Existing, Leased to UBC
62	Paint Storage	1969	15	Existing
66	Incinerator	1970	1.5	Existing
67	Storage Garage	1963	422	Existing
	Sewage Treatment Facility			Existing (disused)

During the site reconnaissance none of the buildings leased by UBC or buildings used for poultry was accessed for this assessment due to the research being undertaken in these areas.

5.1.2 Site Operations

The Agassiz Site was established in 1888 to assess varieties of crops and breeds of livestock and to provide advice to Canadian farmers.

Plant research undertaken at the Agassiz Site has included both food crops and ornamentals. The types of crops and ornamentals researched include grain, corn, root crops, vegetables (e.g., potatoes, broccoli, peas, lettuce, etc.) fruits (e.g., strawberries, grapes, raspberries), ornamental trees and shrubs. Research undertaken has considered environmental factors (e.g., climate, moisture, etc), management, breeding, weed control, fertilizers, production, soil fertility and greenhouse production.

Livestock held on the Agassiz Site has included horses, cows (beef and dairy), pigs, sheep and poultry. The types of livestock research undertaken have included management, feeding practices, milk production, cheese production, meat production, breeding and egg production. At the time of the site reconnaissance the types of livestock on the Agassiz Site was limited to poultry and cows (dairy).

Research undertaken at the Agassiz Site at the time of the site reconnaissance includes poultry, cows, pest management, plant pathology, soils and environment.

5.1.3 Waste Management and Handling

A variety of waste is generated at the Agassiz Site and generally includes the following broad categories of animal, human, chemical and solid waste.

Based on the site reconnaissance and review of available documentation waste generated at the Agassiz Site in the past has been disposed of to the following facilities:

- Manure storage facilities and spreading on crop land;
- Rock pits;
- Septic tanks;
- On site landfills; and
- Composting.

In more recent times some of the waste generated at the site has been collected and disposed off site on an as required basis. The types of waste collected include chemicals, fuels and solid waste (e.g., paper/packaging) disposed of in large bins. In addition, other wastes generated at the Agassiz Site are disposed to the following facilities:

- Manure storage facilities and spreading on cropland;
- Waste wood (on-site burning); and
- Plant material and manure (composting).

Review of previous assessments indicated that a number of waste disposal sites were identified across the site by Dr. Chris Young of AAFC (1991) and Golder (1994). The assessment undertaken by Dr. Young was to identify the waste disposal areas and rank them according to the National Classification System of Contaminated Sites.

The assessment undertaken by Golder involved the assessment of 12 waste disposal sites identified. Two waste disposal areas identified, but not investigated in 1994 consisted of two landfills (active and former). Based on discussions with site personnel, the active landfill at the time of the assessment was used to dispose of concrete waste and silage. The former landfill identified was indicated to have existed in the vicinity of Building 54 (Figure 3). Information reviewed indicated that this former landfill was used to dispose of construction waste and domestic refuse until the 1960's.

5.1.4 Herbicides, Pesticides and Fertilizers

Based on the site reconnaissance and the review of available information, a number of buildings (past and present) were dedicated to the storage of pesticides and fertilizers at the Agassiz Site. Given the purpose and use of the Agassiz Site for agriculture research the use of pesticides and fertilizers is likely to be widespread. Table 10 summarizes the known past and existing locations of herbicide, pesticide and fertilizer storage.

Table 10 - Storage Location of Herbicide, Pesticides and Fertilizers

Building Number and Name	General Contents	Status
21 - Implement Shed	Fertilizers	Existing – In Use
22 - Implement Shed	Fertilizers	Existing – In Use
37 – Hort. Header Laboratory	Pesticides	Past
58 – Pesticide Storage	Pesticides	Past
Current Pesticide Storage	Pesticides	Existing – In Use
73 – PCB Storage	Fertilizers	Existing – In Use

An investigation undertaken by Golder in 1994 in the vicinity of Building 58 indicated the presence of elevated concentrations of certain pesticides and metals in the groundwater. Further soil and groundwater assessment was recommended by AGRA (1996) and Golder (1997). In 1998, Golder undertook further soil and groundwater assessment in the vicinity of Building 58. The assessment indicated measurable concentrations of select organochlorine pesticides in the soil and groundwater. However, the concentrations at the time of the assessment did not exceed the standards. It was therefore considered that the groundwater near Building 58 was suitable for its present and intended use at the site. Recommendations regarding the handling of the soil in the vicinity of Building 58 were provided if the site was to be developed in the future. The building has since been demolished.

Golder's 1994 report indicated that Building 37 was used for the storage of pesticides prior to the construction of Building 58. Documentation indicated that the purpose of the building was to prepare for field plots and greenhouse experiments including the weighing and measuring of herbicides, fungicides and insecticides. An assessment undertaken in the vicinity of the building was limited and included the analysis of groundwater samples for herbicides but did not assess for the presence of pesticides.

In addition to the identified buildings in Table 10 it was considered possible for small volumes of pesticides and fertilizers to be stored, used and mixed in the greenhouses and screenhouses located at the site.

5.1.5 Storage Tanks

During the site reconnaissance, a number of underground (UST) and aboveground (AST) storage tanks were identified. Based on discussions and review of available documentation it was also indicated that a number of heating oil tanks had been located on the Agassiz Site but had subsequently been removed. It was also indicated that storage tanks were located behind the Feedmill building for the storage of hydrochloric acid. The existing storage tanks on site were generally used for storing fuels such as gasoline and diesel. A summary of existing tanks and their location are provided in Table 11.

Table 11 - Location of Storage Tanks

Location	Type	Volume (L)	Contents	Status
85-New Office Lab Complex	AST(1)	4,000	Diesel	Existing
53 - Pumphouse	AST(1)	500	Diesel	Existing
47-Machine/Mechanic Shop	AST(1)	1,000	Waste Oil	Existing
76-New Fuel Shed	UST(1)	4,500	Gasoline	Existing
76-New Fuel Shed	UST(1)	4,500	Diesel	Existing
76-New Fuel Shed	UST(1)	2,270	Ethanol Fuel (85%)	Existing
71-Feedmill	AST(2)	Unknown	Hydrochloric acid	Removed (2000)
Pesticide Storage	AST(1)	4,000	Waste Pesticide	Existing
Building 19, 32, 36, 37	UST(6)	Unknown	Heating Oil	Removed (1986)
Other Locations Across the Site	AST/UST	Unknown	Unknown	Unknown
76-New Fuel Shed	UST(1)	1,900	Unknown	Removed (2000)

The Golder report (1994) indicated that six heating oil tanks had been removed in 1986 from Buildings 19, 32, 36 and 37. It was indicated in the report that according to site personnel no evidence of tank leakage (e.g., staining) was observed during the tank removal. No further documentation regarding the tank removal was provided.

In 2000, Agra Earth & Environmental Ltd. was engaged to conduct an excavation assessment following the removal of an underground storage tank identified during site works in the vicinity of the new fuel shed. The assessment involved the collection of confirmatory soil samples from the excavation. Chemical analysis of the confirmatory samples indicated the presence of elevated concentrations of toluene, ethyl benzene,

xylenes, VPH and EPH (C₁₀- C₁₉) in the base of the excavation. Additional soil was excavated from the base and confirmatory samples collected. Analysis of these samples indicated concentrations below the adopted standards and criteria. Impacted soil was disposed off site.

In addition to the soil assessment, an assessment was undertaken on the groundwater in the vicinity of the former underground storage tank. Groundwater samples were collected from each of the wells installed and submitted to a laboratory for analysis. Chemical analysis indicated that the concentrations detected were below the laboratory reporting limits.

During the site reconnaissance, water was observed in the waste pesticide secondary containment beneath the waste pesticide AST.

5.1.6 Chemical Storage

Based on the site reconnaissance and the review of available documentation it is likely that the use and storage of chemicals at the Agassiz Site has been quite varied. It is our understanding that a number of laboratories have existed, some of which have been purpose built while others have been retrofitted in existing buildings located on the Agassiz Site. At the time of the site reconnaissance and based on review of available information at least ten laboratory facilities were identified. These facilities were located within Building 17, 20, 28, 32, 34, 37, 71, 74 and 75. The form of chemicals observed during the site reconnaissance included solids, liquids and liquefied gases. Not all laboratory facilities were accessed during the site reconnaissance.

The location of the chemical storage areas observed are summarized in Table 12.

Table 12 - Chemical Storage Locations

Location	Contents	Status
74 - Chemical Storage Building	Acids, bases, solvents, metals	Existing
20 - Carpenter Shop	Unknown	Existing
28 - Poultry House & Offices	Metals, solvents, acid, bases	Existing
37 - Header House	Metals, solvents, acids, bases, pesticides	Demolished
32 - Agronomy Building	Solvents, acids, bases	Disused
71 - Feedmill	Acid, bases	Existing

Location	Contents	Status
17 - Entomology Laboratory	Solvents, metals, acid, bases	Demolished
85 - New Office Lab Complex	Various	Existing
75 - Milking Parlor and Offices	Acids	Disused
47 - Equipment Storage	Oils, lubricants, solvent	Existing
76 - New Fuel Shed	Fuel, oils, lubricants	Existing

In 1994, the assessment undertaken by Golder included the collection of soil and groundwater samples from five of the laboratory facilities (Building 17, 20, 28, 32 and 37). The limited soil assessment indicated the presence of select metals and di-n-butylphthalate. Groundwater samples analysed indicated the presence of elevated concentrations of iron, manganese and molybdenum. Concentrations of chloroform, di-n-butylphthalate, bis (2-ethylhexyl) phthalate were also detected in some of the wells tested.

5.1.7 PCB Storage

The use of polychlorinated biphenyl (PCB) dielectric fluids in electrical equipment such as transformers, fluorescent lamp ballast and capacitors was common up to about 1980. The Federal Chlorobiphenyls Regulations, SOR/91-152, prohibits the use of PCBs in the above electrical equipment installed after July 1, 1980.

During the site reconnaissance fluorescent lights were observed to be used in buildings located at the Agassiz Site. Based on the age of some of the buildings it is possible for PCB containing materials to be present. In addition to the fluorescent lights being observed a building present on the Agassiz Site was named the PCB storage (Building 73). Although not currently used for PCB Storage it was indicated that it had been used for approximately three years in the past. Based on discussion with site personnel the building was used for PCB storage from anywhere between 1994 to 1999.

5.1.8 Discharges, Releases and Staining

Staining of the surface was observed in some of the areas accessed during the site reconnaissance. Staining was observed within the mechanical room of the new administration and laboratory building, equipment storage and maintenance shed, pumphouse and dairy building. The surface staining was observed in these areas were generally on concrete surfaces that were considered in fair to good condition.

During the site reconnaissance it was indicated that there was a hydrochloric acid spill from the former aboveground storage tanks located at the back of the Feedmill. This has been clarified further by the Feedmill Manager, Mr. Martin Fraser, that the spill was actually a leak that was contained within the secondary containment.

5.1.9 Natural Environment Receptors

Wetlands

An intermittent slough is located to the north of the central building area on Farm 1 along the property boundary. Farm 2 is bounded by Maria Slough on the east and south.

Surface Water

A stream is located approximately 1 km to the south of Farm 1, whereas Maria Slough bounds a portion of Farm 2.

5.1.10 Site Specific Environmental Issues

Lead-Based Paint

Although lead-based paints were banned from uses on exterior, or interior surfaces of buildings, furniture, or household products in the 1970s, various commercial paints are still known to contain lead in concentrations greater than the 0.5 percent weight to weight of lead (e.g., road paint). Given the likely age of several of the buildings located on the Agassiz Site there is potential for lead-based paints to be present.

The limited assessment undertaken by AGRA Earth and Environmental Ltd. in 1996 indicated the presence of lead in some of the paint samples tested.

Asbestos-Containing Materials

Asbestos-containing materials (ACMs) can be found in plaster, mechanical insulation, gaskets, thermal insulation on pipes, refractory material, roofing felts, floor tiles, ceiling tiles and parings, heat resistant panels, incandescent light fixture reflector plates and any other material requiring a high degree of durability and/or thermal resistance. The common use of potential friable (breakable by hand) ACMs in construction voluntarily stopped in the mid-1970s. Given the likely age of several of the buildings located on the Agassiz Site there is potential for ACMs to be present.

The limited assessment undertaken by AGRA Earth and Environmental Ltd. in 1996 indicated the presence of asbestos in some of the materials tested.

Ozone-Depleting Substances

Commonly used equipment that could potentially contain ozone-depleting substances include aerosols, foam plastics, dry cleaning equipment, refrigeration systems, air conditioning units and some portable fire extinguishers.

During the site reconnaissance a number of air conditioning units and refrigeration systems were observed. However, close review of these air conditioning units and refrigeration systems were not undertaken as part of this assessment. Therefore, based on the age of some of the air conditioning units and refrigeration systems located at the Agassiz Site it is possible for ozone-depleting substances to be present.

The AGRA Earth and Environmental Ltd. report indicates that air conditioning units present at the Agassiz Site at the time of their assessment in 1996 contained R22-Freon Gas.

Radioactive Material

During the site reconnaissance it was observed that a radioactive material was stored in one of the ground floor rooms of Agronomy Building (Building No. 32). The radioactive material has been identified to be associated with the density and/or moisture gauges. Two of the gauges are portable and kept in their travel cases, while the other is not portable. It was indicated that the site is licensed for these and that in the past they have been inspected biannually, this expected to change to annually.

5.1.11 Surrounding Land Use

During the site reconnaissance it was observed that the surrounding land uses generally consisted of residential and agricultural land.

5.2 Clearbrook Research Farm

5.2.1 Site Description

The Clearbrook Research Farm is located at 510 Clearbrook Road, Abbotsford, B.C. (Figure 2) and covers an area of approximately 7.5 hectares.

The Clearbrook Research Farm is bounded by agricultural properties to the north, east and south and Clearbrook Road to the west. The Clearbrook Research Farm consists of a residence, equipment storage shed and surrounding fields. A current plan of the Clearbrook Research Farms showing the location of the existing buildings and fields is presented in Figure 5. A summary of buildings on the Clearbrook Research Farm is presented in Table 13.

Table 13 - Clearbrook Research Farm Building Description

Building Number	Building Name	Year Built	Square Metres	Status
Unknown	Residence	1957	203	Existing
Unknown	Equipment Storage	1965	128	Existing
Unknown	Pumphouse	1959	6	Existing
Unknown	Field Building	Unknown	11	Existing

5.2.2 Site Operations

Documentation indicates that the small-fruits substation was established at Abbotsford, B.C. in 1956. The key small-fruits studied included strawberries and raspberries. The Clearbrook RF was used for cultural experiments to improve production through improved herbicide use, fruit rot control, and propagation.

At the time of the site reconnaissance a variety of small-fruits were growing. It was also indicated that other fruits such as kiwi fruits had also been researched at the Clearbrook RF.

5.2.3 Waste Management and Handling

During the site reconnaissance no waste management and handling practices were observed. The Site Representative was unaware of past or current waste management practices at the Site.

5.2.4 Chemical Storage

During the site reconnaissance it was observed that the general chemical storage including herbicides, pesticides and fertilizers were stored in a portion of the equipment shed. Quantities were not identified during the site reconnaissance.

5.2.5 Storage Tanks

During the site reconnaissance an aboveground storage tank was identified. Based on discussions with the Site Representative it was indicated that this diesel aboveground storage tank was installed in 2000.

The previous diesel aboveground storage tank located on the site had been decommissioned. A report prepared by Pottinger Gaherty (2000) indicated that samples were collected in the vicinity of the former aboveground storage tank and the former aboveground storage tank location. All samples analysed reported concentrations less than the detection limits.

5.2.6 PCB Storage

During the site reconnaissance, no PCB storage facility was identified.

5.2.7 Discharges, Releases and Staining

During the site reconnaissance, staining was observed within the chemical storage area on the concrete floor. The concrete surface was considered to be in good condition.

5.2.8 Natural Environment Receptors

Wetlands

No wetlands were observed on or in the vicinity of the site.

Surface Water

Laxton Lake is located approximately 1 km to the south west of the site.

5.2.9 Site Specific Environmental Issues

Lead-Based Paint

Although lead-based paints were banned from uses on exterior, or interior surfaces of buildings, furniture, or household products in the 1970s, various commercial paints are still known to contain lead in concentrations greater than the 0.5 percent weight to weight of lead (e.g., road paint). Given the likely age of several of the buildings located on the site there is potential for lead-based paints to be present.

Asbestos-Containing Materials

Asbestos-containing materials (ACMs) can be found in plaster, mechanical insulation, gaskets, thermal insulation on pipes, refractory material, roofing felts, floor tiles, ceiling tiles and pargings, heat resistant panels, incandescent light fixture reflector plates and any other material requiring a high degree of durability and/or thermal resistance. The common use of potential friable (breakable by hand) ACMs in construction voluntarily stopped in the mid-1970s. Given the likely age of several of the buildings located on the site there is potential for ACMs to be present.

Ozone-Depleting Substances

Commonly used equipment that could potentially contain ozone-depleting substances include aerosols, foam plastics, dry cleaning equipment, refrigeration systems, air conditioning units and some portable fire extinguishers.

During the site reconnaissance none of the buildings were accessed except for equipment storage. Therefore no air conditioning units and refrigeration systems were observed, although possibly present. Therefore, it is possible for ozone-depleting substances to be present.

Radioactive Material

No radioactive materials were observed at this site.

5.2.10 Surrounding Land Use

During the site reconnaissance it was observed that the surrounding land uses generally consist of agricultural land.

5.3 Walmsley Research Farm

5.3.1 Site Description

The Walmsley Research Farm is located at 31790 Walmsley Avenue, Abbotsford, B.C. (Figure 2) and covers an area of approximately 2 hectares.

The Walmsley Research Farm is bounded by Walmsley Avenue to the north, Abbotsford Airport to the east and south and agricultural properties to the west. The Walmsley Research Farm consists of office building, equipment storage shed, pumphouse, greenhouse, various storage buildings (e.g., fuel, paints, pesticides) and surrounding fields. A current plan of the Walmsley Research Farm showing the location of the existing buildings and fields is presented in Figure 6. A summary of buildings on the Walmsley Research Farm is presented in Table 14.

Table 14 - Walmsley Research Farm Building Description

Building Number	Building Name	Year Built	Square Metres	Status
Unknown	Trailer	1988	93	Existing-In Use
61	Equipment Storage	1977	167	Existing- In Use
Unknown	Pumphouse		6	Existing- In Use
Unknown	Pesticide Storage		10	Existing
62	Screenhouse	1981	167	Existing –In Use
63	Screenhouse	1981	167	Existing – In Use
64	Screenhouse	1981	167	Existing- In Use
66	Screenhouse	1981	167	Existing – In Use
70	Screenhouse	1981	167	Existing – In Use
67	Storage		27	Existing – In Use
Unknown	Fuel Storage		5	Existing (no longer used for fuel)

5.3.2 Site Operations

The leasing documentation dated June 1967 indicates that the purpose of the land leased was for the cultivation of strawberries and other ground crops for research purposes. During the site reconnaissance it appears that the growing of crops at the Walmsley RF is no longer undertaken, and the buildings located on the site are generally empty and disused.

5.3.3 Waste Management and Handling

Due to the Walmsley RF largely being vacant and disused at the time of the site reconnaissance, waste management and handling was not observed. The Site Representative was unaware of past or current practices at the Site.

5.3.4 Herbicides, Pesticides and Fertilizers

Based on the site reconnaissance and the review of available information, one building was dedicated to the storage of pesticides and fertilizers at the Walmsely RF. Given the purpose and use of the Walmsely RF for agriculture research, pesticides and fertilizers were likely used. Correspondence with those familiar with the site indicated that both liquid and powder forms of fertilizers was stored in this storage facility, although quantities and types could not be identified. In addition to this storage facility being used for the storage of fertilizers it was also used for the storage of paint.

5.3.5 Storage Tanks

During the site reconnaissance, no underground or aboveground storage tanks were observed at the Walmsely RF, however, a disused fuel storage cabinet was observed near one of the buildings. The site representative indicated that the position of the fuel storage cabinet at the time of the site reconnaissance was not its original location, no other information was available.

A report prepared by Pottinger Gaherty (2000) indicated that at the time of the assessment the storage shed was no longer used for fuel storage. Analysis of three soil samples collected indicated that one soil sample collected below the door of the shed exceeded the applicable criteria. This area was subsequently remediated. Remediation involved the removal and disposal off site of the impacted soil. Confirmatory samples from the base of the excavation were collected and submitted to the laboratory for analysis. Both samples reported concentrations less than the detection limits.

5.3.6 Chemical Storage

During the site reconnaissance, no chemical storage facility was identified.

5.3.7 PCB Storage

During the site reconnaissance, no PCB storage facility was identified.

5.3.8 Discharges, Releases and Staining

During the site reconnaissance, surficial staining was observed within the fertilizer and paint storage facility and equipment shed.

5.3.9 Natural Environment Receptors

Wetlands

No wetlands were observed on or in the vicinity of the site at the time of the site reconnaissance.

Surface Water

A number of small water bodies exist in the vicinity of the research farm. Two unidentified water bodies are located to the north of the research farm, while Laxton Lake is located approximately 1.2 km to the south and Fishtrap Creek is located approximately 2.5 km to the west of the site.

5.3.10 Site Specific Environmental Issues

Lead-Based Paint

Although lead-based paints were banned from uses on exterior or interior surfaces of buildings, furniture, or household products in the 1970s, various commercial paints are still known to contain lead in concentrations greater than the 0.5 percent weight to weight of lead (e.g., road paint). Given the likely age of several of the buildings located on the site there is a relatively low potential for lead-based paints to be present.

Asbestos-Containing Materials

Asbestos-containing materials (ACMs) can be found in plaster, mechanical insulation, gaskets, thermal insulation on pipes, refractory material, roofing felts, floor tiles, ceiling tiles and pargings, heat resistant panels, incandescent light fixture reflector plates and any other material requiring a high degree of durability and/or thermal resistance. The common use of potential friable (breakable by hand) ACMs in construction voluntarily stopped in the mid-1970s. Given the age of the buildings located on the site ACMs are not likely present.

Ozone-Depleting Substances

Commonly used equipment that could potentially contain ozone-depleting substances include aerosols, foam plastics, dry cleaning equipment, refrigeration systems, air conditioning units and some portable fire extinguishers.

During the site reconnaissance no air conditioning units and refrigeration systems were observed, although possibly present. Therefore, it is possible for ozone-depleting substances to be present.

Radioactive Material

No radioactive materials were observed at this site.

5.3.11 Surrounding Land Use

During the site reconnaissance it was observed that the surrounding land uses generally consisted of industrial (e.g., airport) and agricultural land.

6.0 SUMMARY OF AREAS OF POTENTIAL ENVIRONMENTAL CONCERN

Based on the information obtained during the Phase I ESA, the following Areas of Potential Environmental Concern (APECs) at the three sites are summarized in the following sections.

6.1 Agassiz Site

Areas of Potential Environmental Concern (APECs)

The APECs identified at the Agassiz Site, Farm 1 (Figure 7) and Farm 2 (Figure 8) based on the review of available documentation and the site reconnaissance includes:

- **APEC 1 – Building 37**

Documentation indicates that Building 37 (Farm 1) was used for the storage of pesticides and the preparation (including weighing and measuring of herbicides, fungicides and insecticides) of chemicals for field plot and greenhouse experiments. A previous investigation undertaken in the vicinity of the building was limited and did not assess for the presence of pesticides.

- **APEC 2 – Former Landfill (near Building 54)**

Documentation indicated that materials disposed of in the former landfill located in the vicinity of Building 54 (Farm 1) included construction waste and domestic refuse prior to the 1960s. It is possible that construction waste such as paint and solvent may have been disposed of in this area. No intrusive investigations have previously been conducted for this APEC.

- **APEC 3 – Groundwater Condition beneath Farm 1**

Based on previous assessments undertaken across the site and review of historical documentation, pesticides and fertilizers have been used to varying extents across the site. Previous investigations have indicated the presence of pesticides and nutrients (on occasion at elevated concentrations) in the groundwater.

- **APEC 4 – Sewage Treatment Equipment**

A sewage treatment facility was present on Farm 2 that was considered likely to have been associated with the past use of the area for correctional services. Based on its location and the former use of the area, it is assumed that it was used for domestic (human) purposes only, although no further information was available.

Other Issues

Based on the site reconnaissance and review of available documentation the following issues were identified. These issues may have been concerns that are now resolved or require ongoing or future management.

- Storage Tanks

There is limited available information on the six heating oil USTs removed in 1986. If excavation work is completed on the Site, a contingency plan for handling of potential odorous and/or stained soils should be developed.

- Waste Pesticide AST

Water was observed in the secondary containment beneath the waste pesticide AST. A management plan should be implemented to prevent the accumulation of rain water in the secondary containment.

- Pesticide/Fertilizer Storage

Buildings 37, 58, 73 and the current facility have stored pesticide and/or fertilizer at the site. Golder completed an assessment of Building 58 in 1994 and 1998, it was recommended that no further assessment be undertaken at the time of this assessment. Building 73 was used for the storage of dry fertilizers only; it was therefore recommended that no further assessment be undertaken of the area. No further assessment of the current facility was recommended given its more recent history and management. During the assessment it was indicated that pesticides and fertilizers may have been prepared in the vicinity of the greenhouses/screenhouses. However, based on discussions with the Client and Site Representatives it was indicated that the mixing of these compounds would be minimal in these area and that no investigation was required at this time.

- Chemical Storage

Information on chemicals stored and discharged prior to 1971 is limited. If excavation work is completed on the Site, a contingency plan for handling of potential odorous and/or stained soils should be developed.

- PCB Storage

During the assessment it was identified that Building 73 was used for the storage of PCBs prior to its use for the storage of fertilizers. Based on discussion with site personnel it was indicated that the building was used for a short period of time to store ballasts containing PCBs in a drum. On this basis, no investigation was required.

- Waste Disposal

A number of waste disposal sites were identified. The former landfills assessed in 1994 were not assessed further as part of this assessment. The active landfill was not assessed, based on discussions with site personnel regarding the types of waste disposed at this location.

- Radioactive Material

Radioactive Material was identified during the site reconnaissance associated with three density and/or moisture gauges. Two of the gauges are portable, while one is stationary. It was indicated that the site is licensed for these and they are routinely inspected. No further action was recommended.

- Potential Presence of Lead-Based Paints and Asbestos-Containing Materials

Based on the age of many of the buildings located at the site and an assessment undertaken by AGRA Earth and Environmental Ltd. (1996) presence of lead-based paints and asbestos-containing material were identified. If existing buildings are to be demolished or refurbished in the future, a specific hazardous building materials survey should be undertaken to assess the potential risk associated with these materials.

- Incinerator

An incinerator was present on Farm 2, likely associated with the past use of the area for correctional services. If ash is observed during future works at the site, handling and disposal should consider the potential for the presence of metals in the waste.

6.2 Clearbrook Research Farm

Areas of Potential Environmental Concern (APECs)

No APECs were identified at the Clearbrook Research Farm during this assessment.

Other Issues

Based on the site reconnaissance and review of available documentation the following issues were identified. These issues may have been concerns that are now resolved or require ongoing or future management.

- **Storage Tanks**

During the site reconnaissance an aboveground storage tank was observed for the storage of diesel. It was indicated that this tank had recently replaced the previous AST. An assessment of the previous AST was undertaken by Pottinger Gaherty in 2000. Based on the assessment undertaken in 2000, no further assessment was recommended.

- **Pesticide/Fertilizer and General Chemical Storage**

During the site reconnaissance the storage of pesticides, fertilizers and general chemicals was observed in a portion of the equipment shed on the site. Given that information for the site did not indicate any major spills or incidents no further was recommended.

- **Potential Presence of Lead-Based Paints and Asbestos-Containing Materials**

Based on the age of the buildings located on the site lead-based paints and asbestos-containing materials may be present. If renovations or demolitions are planned, a hazardous building material survey should be completed.

6.3 Walmsley Research Farm

Areas of Potential Environmental Concern (APECs)

The APECs identified at the Walmsley Research Farm (Figure 9) based on the review of available documentation and the site reconnaissance includes:

- **APEC 5 – Equipment Storage Shed**

The dirt floor of the equipment shed was observed to have surficial hydrocarbon-like staining. No previous investigations are known to have been undertaken in this area.

- **APEC 6 – Pesticide, Fertilizer and Paint Storage**

Staining was observed on the floor of the pesticide, fertilizer and paint storage shed. No previous investigations are known to have been undertaken in this area.

Other Issues

Based on the site reconnaissance and review of available documentation the following issues were identified. These issues may have been concerns that are now resolved or require ongoing or future management.

- **Fuel Storage**

During the assessment it was indicated that fuel was stored in a shed located at the site. At the time of the assessment, the shed was no longer used for fuel storage and had been moved from its original location. A report prepared by Pottinger Gaherty in 2000 indicated that an assessment of soil in the vicinity of the former fuel shed location resulted in the remediation of impacted soil beneath the door of the shed. No further assessment was recommended.

- **Potential Presence of Lead-Based Paints and Asbestos-Containing Materials**

Given the age of the buildings at the site, it was considered unlikely for lead-based paints and asbestos containing materials to be present.

7.0 PHASE II ENVIRONMENTAL SITE ASSESSMENT

7.1 Scope of Work

A Phase II ESA was conducted at the site to assess the potential for subsurface contamination due to each of the Areas of Potential Environmental Concern (APECs) identified in Section 5.4, and to assess the potential contaminants of concern (PCOCs). The scope of work for the investigation included the following:

- APEC 1 – Sampling and analysis for pesticides of three groundwater monitoring wells previously installed in the vicinity of Building 37.
- APEC 2 - Drilling of three boreholes to a depth of 10 metres below ground surface in the vicinity of the former landfill. Each of the boreholes completed with a groundwater monitoring well. Developing and sampling wells for the analysis of pesticides, PCB, metals, petroleum hydrocarbons, nitrate and nitrite.
- APEC 3 - Sampling of ten groundwater monitoring wells across the site (including two in the vicinity of the manure and composting facilities, identified in the Golder 1994 report) for the analysis of nitrate and nitrite. In addition to these wells, sampling the two drinking water wells with analyses for pesticides, metals, dissolved anions and physical tests (e.g., colour, conductivity, dissolved solids, total hardness, pH and turbidity).
- APEC 4 – Collecting three soil/sludge samples from the sewage treatment sludge stockpile located on Farm 2 and be submitted for metal analysis.
- APEC 5 - Collecting two surface soil samples within the equipment storage shed located at the Walmsley Research Farm. Analysis of the samples for metal and petroleum hydrocarbon.
- APEC 6 - Sampling of the existing groundwater well located on the Walmsley Research Farm site for pesticide, nitrate and nitrite analysis.
- APEC 1 to 6 - Comparison of the soil and groundwater analytical results to the appropriate provincial and federal standards for the subject site, to assess if further investigation or remediation of the site is warranted.
- APEC 1 to 6 - The preparation of this report.

7.2 Regulatory Framework

7.2.1 General

The Agassiz Site, Clearbrook RF and Walmsely RF are located on federally-owned lands and, therefore, federal environmental legislation and criteria are applicable. Where federal criteria have not been developed and for reference, federal land is also assessed with respect to provincial standards. For federal lands, the Canadian Council of Ministers of the Environment (“CCME”) has defined Environmental Quality Guidelines (EQGs) for soil, sediment and surface water to assess chemical impacts. These guidelines are presented in a CCME compendium document titled *Canadian Environmental Quality Guidelines* (CCME 1999, last revision 2002).

The primary land use at the research station is agricultural in nature, supporting numerous plots. However, some areas on the Site, such as administration, laboratories, other buildings, and roadways, could also be identified to support commercial land uses. As such, analytical results have been primarily compared to agricultural criteria, with comparison to commercial criteria used where applicable.

7.2.2 Soil

CCME (1999) soil quality guidelines are divided into categories based on land use. The categories provided include: agricultural, residential/park, and commercial/industrial. The current and planned land use at the Site is agricultural, with some commercial land use noted. Therefore, the agricultural and commercial CCME guidelines were applied to soil samples collected at the Site. The CCME (1999) soil quality guidelines are matrix numerical soil standards which are risk-based and are available for specific human and/or ecological exposure pathways (e.g., soil ingestion by humans, groundwater flow to surface water used by aquatic life). In situations where CCME (1999) does not have a soil quality guideline, the CCME (1991) Interim Remediation Criteria were consulted. The CCME (1991) interim remediation criteria were used prior to 1996/97 when the new protocol for deriving Canadian Soil Quality Guidelines was developed and implemented (CCME 1996; 1997). For the present assessment, the 1991 CCME interim criteria were only used in the absence of a CCME 1999 soil quality guideline.

CCME (2001) published Canada-Wide Standards for Petroleum Hydrocarbons in soil (CWS PHC). The CWS PHC are 3-tiered, matrix and risk based remedial standards developed for residential/parkland, commercial and industrial land use. They include pathway-specific standards for human health and for ecological receptors. Tier 1 levels were considered applicable to the Site, and are based on fine-grained and coarse-grained surface soils (less than 1.5 m depth). In addition, generic standards for petroleum hydrocarbons in soil were also considered applicable for both fine-grained and coarse-

grained soils located at depths greater than 1.5 m below ground surface. For the purpose of this investigation, as both fine-grained and coarse-grained soils at surface and at depth were identified on the Site, the most conservative of the Tier 1 and Generic Standards was applied, and consisted of standards based on coarse-grained surface soils. As areas of the Site are used for both agricultural and commercial purposes, analytical results were compared to the most conservative standards for both agricultural and commercial standards, for the following applicable Site exposure pathways: i) soil ingestion; ii) dermal contact; iii) vapour inhalation; iv) protection of groundwater for aquatic life; and v) eco soil contact.

The hydrocarbon ranges for extractable petroleum hydrocarbons in soil, as defined by the CWS PHC, are slightly different than the ranges defined by the B.C. Contaminated Sites Regulation (CSR) [e.g., the CSR uses LEPH (C10 to C19) and HEPH (C19 to C32) and the CWS PHC uses Fraction 2 (C10 to C16) and Fraction 3 (C16 to C34)]. Although they are not directly comparable, the CWS PHC were used as a screening tool for LEPH and HEPH to assess the measured concentrations.

In British Columbia, environmental matters pertaining to contaminated sites generally fall under the jurisdiction of the Ministry of Water, Land and Air Protection (MWLAP), pursuant to the Waste Management Act (RSBC, 1996). The two key regulations under the Waste Management Act relating to the assessment and remediation of contaminated sites are the Contaminated Site Regulations (CSR) (BC Reg. 375/96) and the Special Waste Regulation (SWR) (BC Reg. 63/88). The CSR soil standards are divided into five categories based on land use. The land use categories include: agricultural, urban park, residential, commercial, and industrial. The primary current use of the land at the Site is considered to be agricultural, with some commercial land uses also noted. Therefore, the CSR agricultural land use (AL) standards, and commercial land use (CL) standards (where applicable) were applied to soil samples collected at the Agassiz Site and Walmsley RF.

The CSR criteria include generic and matrix based standards; the matrix based standards vary depending on site specific standards. The following site specific factors apply to the sites:

- intake of contaminated soil (applicable at all sites);
- groundwater used for drinking water (drinking water wells are located on the Site);
- toxicity to soil invertebrates and plants (applicable at all sites);
- livestock ingesting soil and fodder (the site is used to raise cattle);

- groundwater flow to surface water used by aquatic life for Farm 2 (a stream is adjacent and through Farm 2 but is about 1.5 km downgradient of Farm 1 at Agassiz), Walmsley RF (two unidentified water bodies are within 1 km), and Clearbrook RF (Laxton Lake is within 1 km);
- groundwater used for livestock watering (groundwater is drawn for livestock); and
- groundwater used for irrigation watering (groundwater is drawn for irrigation).

7.2.3 Groundwater

CCME has water quality standards protective of aquatic life; however, they are intended for assessing surface water quality rather than groundwater. Environment Canada and MWLAP agree with the concept that groundwater would generally be diluted by a factor of 10 upon discharge to a receiving environment. In situations where the receiving water is large relative to the flux of groundwater, groundwater quality data may be compared to provincial CSR standards that already incorporate the 10 fold factor and modified CCME guidelines (i.e., multiplied by a factor of 10). This is the approach that was undertaken in this investigation.

The CSR specifies numerical water quality standards that are used for the evaluation of chemical conditions in groundwater. The water standards are risk-based and pertain to specific uses (*e.g.*, aquatic life, irrigation, livestock and drinking water). Based on potential water uses, all water standards were applicable for Farm 2 at Agassiz, Clearbrook and Walmsley Site. For Farm 1 at Agassiz, the aquatic life standards do not apply due to the distance to aquatic habitat. The irrigation, livestock and drinking water standards apply at these sites. The CSR standard for LEPHw was conservatively applied to EPH (C₁₀-C₁₉) data.

7.3 Methodology

The Phase II ESA field investigation was undertaken at the Agassiz Site and Walmsley Research Farms during the period of January 29, 2004 to February 5, 2004. The field investigation consisted of locating and identifying underground utilities, borehole drilling and monitoring well installation, sampling existing and new groundwater monitoring wells, soil investigation and the chemical analyses of selected soil and groundwater samples.

7.3.1 Underground Utility Locates

On January 29, 2004 Ms. Tamra Reynolds of Golder Associates Ltd. and Mr. Lorne Premeau of AAFC identified the proposed borehole locations with respect to underground utilities based on service plans held at the site.

7.3.2 Borehole Drilling Program

Three boreholes (MW04-1 to MW04-3) within the former landfill area in the vicinity of Building 54, were drilled as part of the Phase II ESA. The boreholes were drilled by Sonic Drilling Ltd. on January 29, 2004 using a sonic rig. The boreholes were drilled to a depth of approximately 10 metres below the surface level, with each borehole completed with a monitoring well.

Monitoring wells were constructed of washed and wrapped 50 mm diameter, flush threaded, Schedule 40 PVC casing with a 3 m long 10 slot PVC screen. The annular space around each well was backfilled with clean silica sand and the installation was sealed above the sand pack to prevent the sand pack from acting as a vertical pathway for the potential downward migration of surficial contamination sources. The monitoring wells were completed above the ground surface using a steel well box placed in concrete. Details of soil conditions encountered during drilling and monitoring well construction are provided on the Record of Borehole Logs in Appendix IX. The Agassiz Site Farm 1 investigation locations are shown on Figure 10.

Soil sampling was conducted during the drilling program by collecting soil samples at regular depth intervals from the soil core. Sampling methodologies are presented in the following sections.

The rationale for the borehole/monitoring well locations in APEC 2 area is as follows:

- MW04-1 was drilled to assess soil and groundwater conditions in what is considered to be the centre of the former landfill.
- MW04-2 was drilled to assess soil and groundwater conditions down-gradient of the former landfill.
- MW04-3 was drilled to assess soil and groundwater conditions up-gradient of the former landfill.

7.3.3 Soil Sampling Program

Procedures employed regarding the sampling of soil were consistent with generally accepted industry standards and with the CSR “Guidance on Contaminated Sites – Site Characterization and Confirmation Testing (SCCT)”. The samples collected were discrete samples, classified as material that satisfies the following criteria:

- Collected from similar in situ fill or soil at one location;
- Confined to a collection within a contiguous volume of one cubic metre;
- Collected over a maximum depth of 0.5 metres within the soil face;
- Not collected from two distinct fill or soil zones;
- Not collected on two sides of a saturated/unsaturated interface; and
- Not made up of a mixture of obviously contaminated material and non-contaminated material as determined from field observations.

Soil samples were collected throughout the borehole drilling program at regular depth intervals from the soil core. Three surficial soil samples were collected from within the sludge stockpile in the vicinity of the sewage treatment equipment on Farm 2 (Figure 11). Two surficial soil samples were collected from within the equipment storage shed (Figure 9) located on the Walmsley Research Farm. Sampling equipment used during the soil sampling program consisted of disposable latex gloves, stainless steel sampling spoons and bowls. To minimize the potential for cross-contamination of samples, all equipment was washed with laboratory grade detergent between each sampling event and rinsed with distilled water.

All collected soil samples were immediately split into duplicate halves. One half was placed into clean 125 mL glass jars, provided by the analytical laboratory, with minimum headspace and then sealed. The second half was placed in a 250 mL glass jar with nominal headspace and covered with aluminium foil and a teflon-lined lid. The 250 mL sample was allowed to warm up to room temperature prior to measuring the organic vapour concentrations in the head space. In conjunction with field observations of odours and staining, organic vapour measurements provide an indication of the presence of hydrocarbons and a relative measure of the concentration of volatile hydrocarbons in soil. Vapour readings were measured using a Photoionization Detector (PID), calibrated to 100 ppm isobutylene.

Selected soil samples in the 125 mL were submitted to ALS Environmental Ltd. (ALS), of Vancouver, B.C., for chemical analyses.

7.3.4 Groundwater Sampling Program

Groundwater samples were collected as part of the Phase II ESA from selected monitoring wells at the site to characterize the groundwater conditions associated with the issues of environmental concern at the Agassiz Site and Walmsley Research Farm.

Prior to groundwater sampling, approximately six well volumes were purged from each well (existing and new wells) to develop the filter sand pack surrounding the annulus of the well. Development of the sand pack is completed to render the purge water free of sediment and non-formation water introduced during drilling. The purging of the wells was done using a dedicated WaTerra® inertial purging apparatus. On January 29, 2004 selected monitoring wells (MW13-D, MW25, MW04-1, MW04-2 and MW04-3) were developed and subsequently sampled on February 5, 2004. The following monitoring wells were sampled on February 5, 2004 (MW10, MW8, Pumphouse 1 (PH1), Pumphouse 2 (PH2) and the Abbotsford Pumphouse). Selected samples were analysed for nitrate, nitrite, metals, pesticides (organochlorine and organophosphate), physical tests (colour, conductivity, dissolved solids, total hardness, pH and turbidity) and dissolved anions. Field measurements of pH, temperature and conductivity of groundwater were recorded at the time of sampling. All samples were collected and stored in laboratory prepared and supplied containers and delivered to ALS for analysis and/or storage.

7.3.5 Chemical Analyses

Soil Samples

Collected soil samples were submitted to ALS in Vancouver, B.C. in chilled coolers under chain-of-custody protocols for possible chemical analyses. A total of 25 soil samples (collected during the drilling and surficial soil program) were collected. Five soil samples were submitted to ALS for the following analyses:

- Three samples were submitted for metal analyses; and
- Two samples were submitted for metal and petroleum hydrocarbon analyses.

Analytical results for soil collected during the Phase II ESA are summarized in Table 15 and the ALS laboratory reports are included in Appendix X.

Groundwater Samples

Groundwater samples collected were submitted to ALS in chilled coolers under chain-of-custody protocols for possible chemical analyses. Three groundwater samples were collected from the three drinking water wells located on the Agassiz Site and Walmsley Research Farm for the following analyses:

- Pesticides (organochlorine and organophosphate);
- Metals;
- Physical tests (colour, conductivity, dissolved solids, total hardness, pH, turbidity); and,
- Dissolved anions.

Four groundwater samples collected from monitoring wells in various areas of the Agassiz Site were analysed for:

- Nitrate and nitrite.

The three groundwater samples collected from the monitoring wells installed in January 2004 at the Agassiz Site were analysed for:

- Pesticides (organochlorine and organophosphate);
- Nitrate and nitrite;
- Polychlorinated biphenyls;
- Metals; and
- Petroleum hydrocarbons.

Analytical results for groundwater collected during the Phase II ESA are summarized in Table 16 and the ALS laboratory reports are included in Appendix X.

7.3.6 Quality Assurance/Quality Control

A quality assurance and quality control program (QA/QC) was conducted concurrently with the chemical analysis of the groundwater program. The QA/QC program consisted of the analysis of duplicates, spike recovery, and standard reference materials, where applicable.

8.0 RESULTS OF SOIL ASSESSMENT

8.1 Site Condition

A summary of the soil stratigraphy observed during the assessment of APECs 2, 4 and 5 is provided in the following sections. The detailed stratigraphy encountered at the sample locations investigated for APEC 2 is presented in borehole logs included in Appendix IX.

8.1.1 APEC 2 – Former Landfill (near Building 54) (Agassiz Farm 1)

The site conditions observed in this area during the assessment consisted generally of inferred natural soil of sand and gravel underlain by gravel. No fill was observed during this assessment at the three locations investigated.

8.1.2 APEC 4 – Sewage Treatment Facility (Agassiz Farm 2)

The sludge stockpile located to the south of the sewage treatment facility consisted of very loose moist organic matter with a consistency of grass clippings.

8.1.3 APEC 5 – Equipment Shed (Walmsley)

The site conditions observed within the equipment shed at the Walmsley Research Farm at the surface consisted of dense damp, dark brown sand and gravel. Olfactory indications of hydrocarbon-like contamination were not observed.

8.2 Field Observations

During the assessment, a semi-quantitative assessment of volatile vapours was made thorough the use of a Photoionization Detector (PID) in the field. In addition to these measurements, visual and olfactory evidence suggestive of contamination during the collection of soil samples was recorded on each of the logs. Based on our review of the information collected during the assessment, no visual or olfactory evidence was recorded suggestive of contamination, with the exception of APEC 5. Visual observation of staining was observed within the Equipment Shed during the assessment (APEC 5).

8.3 Comparison of Chemical Testing Results with Assessment Criteria

8.3.1 APEC 2 – Former Landfill (near Building 54, Agassiz Farm 1)

As part of this assessment soil samples were collected during the drilling program. However, none of the soil samples collected was submitted to the laboratory for analysis as there were no visual or olfactory indications of fill or contamination.

8.3.2 APEC 4 – Sewage Treatment Facility (Agassiz Farm 2)

As part of this APEC assessment, three samples were collected from the sludge stockpile located near the sewage treatment facility on Farm 2. Each of the samples was submitted to the laboratory for metal analysis.

The chemical testing results have been compared to the CCME guideline for agriculture use and the CSR AL standards. The analytical results are presented in Table 15.

The chemical testing results indicated that the chemical concentrations were below the applicable CCME AL guidelines and CSR AL standards, except for the concentration of molybdenum at one location sampled. The concentration of molybdenum (5.7 µg/g) detected exceeded the CCME AL guideline and CSR AL standard for molybdenum of 5 µg/g.

8.3.3 APEC 5 – Equipment Shed (Walmsley)

Two soil samples were collected from within the Equipment Shed located at the Walmsley Research Farm. Each of the samples was submitted to the laboratory for metal and petroleum hydrocarbon analysis.

For metals, the chemical testing results were compared to the CCME guideline for agriculture use and the CSR AL standards. Results for petroleum hydrocarbons have been compared to the CWS-PHC standards. The analytical results are presented in Table 15.

The chemical testing results indicated that the concentration of cadmium in both samples exceeded the CCME AL criteria and CSR AL standard. However, the concentration of cadmium detected in the two soil samples was below the CCME CL criteria.

The concentration of petroleum hydrocarbons (Fraction 3 C₁₆₋₃₄, 1780 µg/g) in one of the samples (Sa1) exceeded the CWS PHC standard of 800 µg/g for Agricultural land Eco-Soil contact, but was below the standard for Commercial land use (2500 µg/g). The concentration also exceeded the CSR AL HEPH standard but was less than the CL standard.

8.4 Assessment of Soil Data Quality

Based on the limited number of soil samples collected and analysed as part of this assessment, no field duplicates were submitted to the laboratory for analysis.

9.0 RESULTS OF GROUNDWATER ASSESSMENT

9.1 Groundwater Well Locations and Installation

9.1.1 APEC 1 – Building 37 (Agassiz Site Farm 1)

As part of this APEC assessment, three groundwater monitoring wells previously installed by Golder in 1994 were to be located and sampled. During the field investigation it was identified that MW4 appeared to have been filled with dirt and MW5 and MW6 had been constructed over and now laid beneath an asphalt covered parking area. Therefore these wells could not be sampled. No other wells were identified in the vicinity that could be sampled and analysed as an alternative.

9.1.2 APEC 2 – Former Landfill (near Building 54) (Agassiz Site Farm 1)

Golder installed three groundwater monitoring wells across the former landfill area in January 2004. Table 17 provides a summary of the installation details of these wells and Figure 10 illustrates the location of each of the wells. The description of the materials used in the construction of each of the wells is provided in Section 6.3.2. The monitoring well construction details are included in the borehole logs included in Appendix IX.

Table 17 – Summary of Well Construction Details by Golder (2004)

Location	Well	Installation Date	Depth of Well from TOC (mbgs)	Bentonite Seal Interval (mbgs)	Slotted Screen Interval (mbgs)
Former Landfill	MW04-1	29/01/04	10	5.8-6.7	7-10
Former Landfill	MW04-2	29/01/04	10	5.8-6.7	7-10
Former Landfill	MW04-3	29/01/04	10	5.8-6.7	7-10

Note: TOC = Top of Casing; mbgs = metres below ground surface

9.1.3 APEC 3 – Use of Pesticides and Fertilizers Across the Site (Agassiz Site)

A part of this APEC assessment, Golder proposed to sample wells (including the drinking wells) that had been previously installed as part of other assessments undertaken at the Agassiz Site. Golder had initially proposed to locate and sample ten previously installed groundwater monitoring wells (MW2, MW5, MW8, MW10, MW13-S, MW16-D, MW17, MW18, MW25 and MW26), excluding the drinking water wells. However, during the field investigation a number of the wells could not be located due to site conditions (e.g., snow cover) and changes in building configurations (e.g., new structures,

old structures demolished) or they had been damaged. Therefore as part of this APEC assessment the groundwater wells sampled included MW8, MW10, MW13-D and MW25. Table 18 provides a summary of the installation details of the wells previously installed at the site for other assessments. A copy of the borehole logs and monitoring well installation details provided from the previous assessment is included in Appendix XI.

Table 18 – Summary of Well Construction Details of Previously Installed Wells

Well	Installation Date	Depth of Well from TOC (m)	Bentonite Seal Interval (m)	Slotted Screen Interval (m)
MW8	10/12/92	4	0.2-1.5	1.8-4
MW10	03/12/92	3.96	0.2-1	1.9-3.96
MW13-D	07/01/93	11.6	6.4-8	8.4-11.6
MW25	04/12/92	3	0.2-1	1.2-2.4

In addition to sampling existing groundwater monitoring wells the two drinking water wells located on the site were also sampled. Installation details of the drinking water wells obtained from the MWLAP Groundwater database indicates that each of the wells is 0.25 metre (10 inch) diameter and the depth of the wells ranges from 62.5 metres (205 feet) to 64.9 metres (213 feet). Stratigraphy was also obtained from the database and is included in Appendix XI.

9.1.4 APEC 6 – Pesticide, Fertilizer and Paint Shed (Walmsley RF)

As part of this APEC assessment, Golder sampled the existing well on the Research Farm. Installation details of the existing well was obtained from the MWLAP Water Well database and indicates that the well is 0.2 metre (8 inch) diameter with a depth of 28.3 metres (87 feet) below the surface level. Stratigraphy was also obtained from the database and is included in Appendix XI.

9.2 Field Observations

During the development and/or sampling of each of the wells, no odours or sheens were observed.

The electrical conductivity (EC) values monitored across the Agassiz Site ranged from 145 $\mu\text{S}/\text{cm}$ to 219 $\mu\text{S}/\text{cm}$. Groundwater temperature ranged between 5.1°C to 11.3°C. Groundwater pH observed in the wells ranged from 6.13 to 7.51 pH units.

9.3 Comparison of Chemical Testing Results with Assessment Criteria

9.3.1 APEC 2 – Former Landfill (near Building 54) (Agassiz Site Farm 1)

As part of this APEC assessment, a groundwater sample was collected from each of the monitoring wells and submitted to the laboratory for metal, pesticide, nitrate and nitrite, petroleum hydrocarbon, and physical tests (colour, conductivity, dissolved solids, total hardness, pH and turbidity).

The chemical testing results were compared to the CCME guidelines and CSR standards for irrigation water, livestock water and drinking water use. The analytical results are presented in Table 16.

The chemical testing results indicate that the concentrations of PCOCs were below the applicable guidelines and standards for the analytes tested, except for iron and manganese. The concentration of iron exceeded the CCME and CSR DW guideline (based on aesthetics) of 0.3 mg/L in well MW04-3 (2.16 mg/L) and manganese exceeded the CCME and CSR DW guideline (based on aesthetics) of 0.05 mg/L in all three wells (MW04-1 (3.97 mg/L), MW04-2 (0.378 mg/L) and MW04-3 (1.85 mg/L)).

9.3.2 APEC 3 – Use of Pesticides and Fertilizers Across the Site (Agassiz Site)

As part of this APEC assessment, a groundwater sample was collected from each of four groundwater monitoring wells previously installed and submitted to the laboratory for nitrate and nitrite analysis. The two drinking water wells were sampled and submitted to the laboratory for nitrate and nitrite, dissolved anions, metals and pesticides.

The chemical testing results have been compared to the CCME guideline and CSR standards for irrigation water, livestock water and drinking water use. The analytical results are presented in Table 16.

The chemical testing results indicate that the concentrations of PCOCs were below the applicable guidelines and standards for the analytes tested, except for manganese. The concentration of manganese exceeded the CCME and CSR DW guideline (based on aesthetics) of 0.05 mg/L in each of the drinking water wells (PH1 (0.387 mg/L) and PH2 (0.953 mg/L)).

9.3.3 APEC 6 – Pesticide, Fertilizer and Paint Shed (Walmsley RF)

As part of this APEC assessment, the groundwater well located on the Walmsley RF was sampled and submitted to the laboratory for nitrate and nitrite, physical tests (colour, conductivity, total dissolved solids, hardness, pH and turbidity), dissolved anions, metals and pesticides.

The chemical testing results have been compared to the CCME guideline and CSR standards for aquatic water (freshwater), irrigation water, livestock water and drinking water use. The analytical results are presented in Table 16.

The chemical testing results indicate that the concentrations of PCOC were below the applicable guidelines and standards for the analytes tested, except for the concentration of manganese. The concentration of manganese observed in the drinking water well exceeded the CCME and CSR DW criteria (based on aesthetics) of 0.05 mg/L, the concentration detected in the well was 0.237 mg/L.

9.4 Assessment of Groundwater Data Quality

Of the ten groundwater samples collected, one field duplicate was submitted for nitrate, nitrite and pesticide analysis, which meets the 10% field duplicate target. The RPD for nitrite was 70%, exceeding the QA criteria of 50%. However, the concentration of both the original and duplicate sample for nitrite did not exceed the applicable standard. The RPD for nitrate was 1.3%, well within the acceptance criteria. RPDs could not be calculated for pesticides due to the concentrations of all parameters assessed being below the laboratory reporting limits, as shown in Table 19.

10.0 DISCUSSION

10.1 APEC 1 – Building 37 (Agassiz Site Farm 1)

The assessment of groundwater in the vicinity of Building 37 was not undertaken as the wells were either destroyed or inaccessible. No other wells were identified in the vicinity that could be sampled and analysed as an alternative. Based on the assessment undertaken on groundwater in the recently and previously installed wells, contaminants of concern were not detected in groundwater at concentrations indicative of concerns in the Building 37 area. Further investigation has not been recommended based on the groundwater quality observed during the assessment of the four APECs across the site.

10.2 APEC 2 – Former Landfill (near Building 54) (Agassiz Site Farm 1)

The chemical analysis undertaken on the three groundwater samples collected from the wells in the vicinity of Building 53 (former landfill area) indicated that, for the analytes tested, the concentrations were below the applicable guidelines and standards, with the exception of iron in one monitoring well (MW04-3) and manganese in all three monitoring wells, based on aesthetic criteria. The concentrations of iron (2.16 mg/L) and manganese (0.378 mg/L to 1.85 mg/L) detected in the groundwater is comparable to concentrations of iron (0.038 mg to 7.95 mg/L) and manganese (0.064 mg/L to 10.4 mg/L) detected in the 1994 assessment. Based on previous data, the concentrations of detected iron and manganese during this assessment are likely to represent natural background concentrations and therefore are not considered a concern. No further investigations are recommended in this area.

The soil observations indicated that either the landfill was not located in this area or the material landfilled was granular fill. Analysis of water samples from the three monitoring wells located in this area indicated that groundwater has not been impacted by the PCOCs.

10.3 APEC 3 – Groundwater Quality Beneath the Site (Agassiz Site)

The chemical analysis undertaken on the six samples collected from four monitoring wells and two drinking wells located on the site indicated that the concentrations of analytes tested were below the applicable guidelines and standards, except for the concentration of (based on aesthetics). The concentration of manganese (0.387 to 0.953 mg/L) detected in the two drinking water wells exceeds the CCME and CSR DW criteria (based on aesthetics) of 0.05 mg/L. However, based on the assessment undertaken in 1994 by Golder, the concentration of manganese observed is considered likely to represent natural background concentrations. Therefore, no further investigations are recommended for this APEC.

10.4 APEC 4 – Sewage Treatment Facility (Agassiz Site Farm 2)

The chemical analysis undertaken on the three samples collected from the sludge stockpile indicated that for, the analytes tested the concentrations were below the applicable guidelines and standards, except for molybdenum in one of the samples analysed. The concentration of molybdenum (5.7 µg/g) slightly exceeded the CCME and CSR AL criteria or standard of 5 µg/g. However the concentration was below the CCME Residential/Parkland guideline and CSR Residential and Urban Park standard of 10 µg/g. The slight exceedence of the AL criteria indicates that the soil may not be suitable for agricultural purposes but meets the residential and commercial standards.

10.5 APEC 5 – Equipment Shed (Walmsley RF)

The chemical analysis undertaken on the two samples collected from the surface soil within the equipment shed indicated that the concentration of cadmium in both samples exceeded the CCME AL criteria and CSR AL standard. However, the concentration of cadmium detected was below the CCME CL criteria. The concentration of petroleum hydrocarbons (Fraction 3) in one of the samples (Sa1) exceeded the CWS PHC standard. Olfactory observations during the assessment did not indicate the presence of hydrocarbon-like odours. The vertical and lateral extent of hydrocarbon contamination was not determined during this assessment.

The concentrations of PCOCs have been compared to guidelines and standards relevant to agriculture use, based on use of the site for agricultural research. However, the Walmsley RF is currently zoned industrial. Therefore if the site was returned to industrial use, the concentrations of petroleum hydrocarbons detected would be below the CWS PHC standard of 2500 µg/g. However, to assess contingent liability if the area was required to be delineated or remediated the estimated area impacted is considered to be shallow and therefore considered to be in the range of five to ten cubic metres.

10.6 APEC 6 – Pesticide, Fertilizer and Paint Shed (Walmsley RF)

The chemical analysis of the water from the well located at the Walmsley RF indicated that, for the analytes tested the concentrations were below the applicable guidelines and criteria, except for the concentration of manganese. The concentration of manganese (0.237 mg/L) exceeded the CCME DW criteria (based on aesthetics) of 0.05 mg/L. Due to no previous data being available for the drinking well at the site it is difficult to assess whether this is representative of the natural background concentrations. Given that the criteria adopted is based on aesthetic objectives rather than chemical toxicity we recommend that no further investigation be undertaken for this APEC.

11.0 NCSCS SITE CLASSIFICATION AND CONTAMINATED SITE ENTRY FORM

The information gathered within this report was used to complete the National Classification System for Contaminated Sites (NCSCS) (CCME 1992), as part of the National Contaminated Sites Remediation Program (NCSRP). The purpose of the NCSCS document is to aid in the evaluation and prioritization of contaminated sites based on current knowledge about the source of contamination, the potential exposure pathways and the use of the Site and adjacent areas by people and wildlife. It is used as a screening method to rank the potential human health and ecological risks for sites, on a preliminary basis, and evaluate whether further action is required.

Based on the Phase II ESA, the NCSCS classification for the APECs at the Agassiz Site and Walmsley Research Farm was calculated as follows:

Table 20 – NCSCS Classification and Score

APEC	Score	Category
APEC 4 – Sewage Treatment Equipment	38.3	Class 3
APEC 5 – Equipment Shed	24.7	Class N

According to the NCSCS, a Site classification category of Class 3 indicates that the area is not a high concern, however, action may be required. Class N indicates that the risk potential is low and that action at the Site is not likely required.

A copy of the NCSCS form completed for each of the APECs have been included in Appendix XII. A copy of the AAFC Contaminated Site Summary Form for each of the APECs has been included in Appendix XIII.

In addition to the NCSCS classification and scoring for each of the APECs identified during the Phase I and Phase II ESA for the Agassiz Site and the Walmsley Research Farm the NCSCS classification and scoring for previously assessed areas at the Agassiz Site were reviewed. Only previously assessed areas that had a NCSCS above Class N were reclassified. The review of the NCSCS classification and scoring are summarised in Table 21.

Table 21 – NCSCS Classification and Score for Previously Assessed Areas at the Agassiz Site

Area	Class/Score	Date	Class/Score	Date	Class/Score	Date
1-A1 (metal disposal)	3 / 40	1991	3 / 38	1994	N / 24.2	2004
1-A2 (Landfill)	2 / 50	1991	N / 29	1994		
1-A3 (Landfill – APEC 2)	3 / 42	1991			N / 24.2	2004
1-C1 (Compost)	3 / 49.9	1991	N / 37	1994		
1-C2 (Burnables)	3 / 46.6	1991			N / 26.2	2004
1-C3 (Compost)	3 / 46.9	1991			N / 21.2	2004
1-C4 (Manure Storage)	3 / 46.9	1991	N / 34	1994		
1-C5 (Manure Storage)	3 / 48	1991			N / 21.2	2004
1-C6 (Manure Storage)	3 / 48.8	1991			N / 21.2	2004
1-C7 (Manure Storage)	3 / 48.8	1991	N / 37	1994		
1-C8 (Manure Storage)	3 / 48.8	1991			N / 22.2	2004
1-C9 (Compost)	3 / 47.7	1991			N / 26.2	2004
1-C10 (Compost)	3 / 46.7	1991			N / 26.2	2004
1-C11 (Compost)	3 / 47.9	1991			N / 26.2	2004
1-C12 (Compost)	3 / 48.9	1991	N / 37	1994		
1-C13 (Compost)	3 / 47.9	1991	3 / 41	1994	N / 26.2	2004
1-C14 (Agronomy Lab.)	3 / 46.9	1991	N / 32	1994		
1-C15 (Header House)			N / 34	1994		
1-C16 (Poultry Lab.)			N / 35	1994		
1-C17 (Postharvest Lab.)			N / 34	1994		
1-C18 (Entomology Lab.)			N / 29	1994		
1-C19 (Pesticide Building)			3 / 40	1994	N / 22.2	2004

12.0 INDICATIVE ESTIMATE OF LIABILITY OR CONTINGENT LIABILITY

To determine the estimate of liability or contingent liability for the Site, Golder generally followed the *“Policy on Accounting for Costs and Liabilities Related to Contaminated Sites”* as provided in the Terms of Reference. The *“Guidance Document on Accounting for Liabilities Related to Contaminated Sites”*, dated March 23, 2001 (as provided by PWGSC) were also used as a guideline.

At the Walmsley RF, approximately 5 to 10 cubic metres of soil contains cadmium above the CCME AL criteria and CSR AL Standard and Fraction 3 petroleum hydrocarbons above the CWS-PHC standards. The material would be classified as Industrial Fill in British Columbia. The estimated cost for removal, disposal, and confirmatory sampling is \$5,000.

Based on our assessment there are no other indicative estimates of liability or contingent liabilities to be assessed.

13.0 CONCLUSIONS AND RECOMMENDATIONS

At the Agassiz Research Station, the majority of the APECs investigated during the Phase II ESA were not indicated to be contaminated above the applicable standards. The residual sludge from the former sewage treatment plant at Farm 2 slightly exceeded the AL criteria for molybdenum. The sludge may not be suitable for agricultural land use but is suitable for residential or commercial uses.

Soil contamination was identified in APEC 5 (Equipment Shed, Walmsley Research Farm). Additional sampling and analysis could be undertaken at the site or the surficial soil from the floor could be removed and confirmatory samples obtained to assess if additional contamination was present. Based on the soil sampling data, the soil removed should be disposed of as Industrial Fill.

Phase I ESA Results

Based on the information obtained during the Phase I ESA, the following Areas of Potential Environmental Concern (APECs) were identified.

- **APEC 1 – Building 37**

Documentation indicates that Building 37 (Farm 1) was used for the storage of pesticides and the preparation (including weighing and measuring of herbicides, fungicides and insecticides) of chemicals for field plot and greenhouse experiments. A previous investigation undertaken in the vicinity of the building was limited and did not assess for the presence of pesticides.

- **APEC 2 – Former Landfill (near Building 54)**

Documentation indicated that materials disposed of in the former landfill located in the vicinity of Building 54 (Farm 1) included construction waste and domestic refuse prior to the 1960s. It is possible that construction waste such as paint and solvent may have been disposed of in this area. No investigations have previously been conducted for this APEC.

- **APEC 3 – Groundwater beneath Farm 1**

Based on previous assessments undertaken across the site and review of historical documentation, pesticides and fertilizers have been used to varying extents across the site. Previous investigations have indicated the presence of pesticides and nutrients (on occasion at elevated concentrations) in the groundwater.

- **APEC 4 – Sewage Treatment Equipment**

A sewage treatment facility was present on Farm 2 that was considered likely to have been associated with the past use of the area for correctional services. Based on its location and the former use of the area it is assumed that it was used for domestic (human) purposes only.

Management Issues

Based on the site reconnaissance and review of available documentation the following “management issues” were identified:

- Storage Tanks

There is limited available information on the six heating oil USTs removed in 1986. If excavation work is completed on the Site, a contingency plan for handling of potential odorous and/or stained soils should be developed.

- Waste Pesticide AST

Water was observed in the secondary containment beneath the waste pesticide AST. A management plan should be implemented to prevent the accumulation of rain water in the secondary containment.

- Chemical Storage

Information on chemicals stored and discharged prior to 1971 is limited. If excavation work is completed on the Site, a contingency plan for handling of potential odorous and/or stained soils should be developed.

- Potential Presence of Lead-Based Paints and Asbestos-Containing Materials.

Based on the age of many of the site buildings located and a previous assessment lead-based paints and asbestos-containing material are present in certain buildings. If existing buildings are to be demolished or refurbished in the future, a specific hazardous building materials survey should be undertaken to assess the potential risk associated with these materials.

- **Incinerator**

An incinerator was present on Farm 2, likely associated with the past use of the area for correctional services. If ash is observed during future works at the site, handling and disposal should consider the potential for the presence of metals in the waste.

Clearbrook Research Farm

Based on the site reconnaissance and review of available documentation the following “management issue” was identified:

- **Potential Presence of Lead-Based Paints and Asbestos-Containing Materials**

Based on the age of the buildings located on the site lead-based paints and asbestos-containing materials may be present. If renovations or demolitions are planned, a hazardous building material survey should be completed.

Walmsley Research Farm

The APECs identified at the Walmsley Research Farm based on the review of available documentation and the site reconnaissance included:

- **APEC 5 – Equipment Storage Shed**

The dirt floor of the equipment shed was observed to have surficial hydrocarbon-like staining. No previous investigations are known to have been undertaken in this area.

- **APEC 6 – Pesticide, Fertilizer and Paint Storage**

Staining was observed on the floor of the pesticide, fertilizer and paint storage shed. No previous investigations are known to have been undertaken in this area.

Phase II ESA Results

A Phase II ESA was conducted at the site to assess the potential for subsurface contamination due to each of the Areas of Potential Environmental Concern (APECs) identified, and to assess the potential contaminants of concern (PCOCs). The Phase II ESA consisted of locating and identifying underground utilities, borehole drilling and monitoring well installation, sampling existing and new groundwater monitoring wells, soil investigation and the chemical analyses of selected soil and groundwater samples.

Based on the assessment undertaken the following summarises the findings:

APEC 1 – Building 37 (Agassiz Site Farm 1)

The assessment of groundwater in the vicinity of Building 37 was not undertaken as the wells were either destroyed or inaccessible. No other wells were identified in the vicinity that could be sampled and analysed as an alternative. Further investigation has not been recommended based on the groundwater quality observed during the assessment of the other three APECs across the site.

APEC 2 – Former Landfill (near Building 54) (Agassiz Site Farm 1)

The chemical analysis undertaken on the three groundwater samples collected from the wells in the vicinity of Building 53 (former landfill area) indicated that, for the analytes tested, the concentrations were below the applicable guidelines and standards, except for the concentration of iron detected in one of the monitoring wells and the concentration of manganese detected in all three monitoring wells exceeded the CCME DW criteria (based on aesthetics). The concentration observed during this assessment was compared to the investigation undertaken in 1994. The results indicate that the concentrations observed are comparable and considered likely to represent natural background concentrations. The soil observations during the investigation indicate that either the landfill was not located in this area or the material landfilled was granular fill.

APEC 3 – Use of Pesticides and Fertilizers Across the Site (Agassiz Site)

The chemical analysis undertaken on the six samples collected from four monitoring wells and two drinking wells located on the site indicated that, for the analytes tested the concentrations were below the applicable guidelines and standards, except for the concentration of manganese. The concentration of manganese in both of the drinking water wells exceeded the CCME DW criteria (based on aesthetics). The concentrations observed during this assessment were compared to the 1994 investigations. The results indicated that the concentrations observed are comparable and considered likely to represent natural background concentrations. Therefore, no further investigations are recommended for this APEC.

APEC 4 – Sewage Treatment Facility (Agassiz Site Farm 2)

The chemical analysis undertaken on the three samples collected from the sludge stockpile indicated that the concentration of molybdenum (5.7 µg/g) slightly exceeded the CCME and CSR AL standard of 5 µg/g. However the concentration was below the CCME Residential/Parkland guideline and CSR Residential and Urban Park standard of 10 µg/g. The slight exceedence observed indicates that the soil may not be suitable for agricultural purposes but meets the residential standards.

APEC 5 – Equipment Shed (Walmsley RF)

The chemical analysis undertaken on the two samples collected from the surface soils within the equipment shed indicated that the concentration of cadmium exceeded the CCME and CSR AL standard in both samples. The concentration of petroleum hydrocarbons (Fraction 3) in one of the samples (Sa1) exceeded the CWS-PHC standard. The vertical and lateral extent of this impact was not determined during this assessment.

The concentrations of PCOCs were compared to guidelines and standards relevant to agriculture use, based on use of the site for agricultural research. However, the Walmsley RF is currently zoned industrial. If the site was returned to industrial use, the concentrations of parameters of concern would be below the IL standard. To assess contingent liability if the area was required to be delineated or remediated, the estimated volume of contaminated soil is considered to be shallow and in the range of five to ten cubic metres.

Due to the relatively limited nature of the contamination, we recommend that remedial work (e.g., excavation) be undertaken upon demolishing the equipment shed and/or development in the area.

APEC 6 – Pesticide, Fertilizer and Paint Shed (Walmsley RF)

The chemical analysis of the water from the well located at the Walmsley RF indicated that, for the analytes tested, the concentrations were below the applicable guidelines and criteria, except for the concentration of manganese. The concentration of manganese detected exceeded the CCME DW criteria (based on aesthetics). Given that the criteria is based on aesthetic objectives rather than toxicity objectives we recommend that no further investigation be undertaken for this APEC.

Based on the Phase II ESA, the NCSCS classification for the APECs at the Agassiz Site and Walmsley Research Farm were calculated as follows:

APEC	Score	Category
APEC 4 – Sewage Treatment Equipment	38.3	Class 3
APEC 5 – Equipment Shed	24.7	Class N

In addition to the NCSCS classification and scoring for each of the APECs identified during the Phase I and Phase II ESA for the Agassiz Site and the Walmsley Research Farm the NCSCS classification and scoring for previously assessed areas at the Agassiz Site were reviewed. Only previously assessed areas that had a NCSCS above Class N were reclassified. The review of the NCSCS classification and scoring are summarised below.

Area	Class/Score	Date	Class/Score	Date	Class/Score	Date
1-A1 (metal disposal)	3 / 40	1991	3 / 38	1994	N / 24.2	2004
1-A2 (Landfill)	2 / 50	1991	N / 29	1994		
1-A3 (Landfill – APEC 2)	3 / 42	1991			N / 24.2	2004
1-C1 (Compost)	3 / 49.9	1991	N / 37	1994		
1-C2 (Burnables)	3 / 46.6	1991			N / 26.2	2004
1-C3 (Compost)	3 / 46.9	1991			N / 21.2	2004
1-C4 (Manure Storage)	3 / 46.9	1991	N / 34	1994		
1-C5 (Manure Storage)	3 / 48	1991			N / 21.2	2004
1-C6 (Manure Storage)	3 / 48.8	1991			N / 21.2	2004
1-C7 (Manure Storage)	3 / 48.8	1991	N / 37	1994		
1-C8 (Manure Storage)	3 / 48.8	1991			N / 22.2	2004
1-C9 (Compost)	3 / 47.7	1991			N / 26.2	2004
1-C10 (Compost)	3 / 46.7	1991			N / 26.2	2004
1-C11 (Compost)	3 / 47.9	1991			N / 26.2	2004
1-C12 (Compost)	3 / 48.9	1991	N / 37	1994		
1-C13 (Compost)	3 / 47.9	1991	3 / 41	1994	N / 26.2	2004
1-C14 (Agronomy Lab.)	3 / 46.9	1991	N / 32	1994		
1-C15 (Header House)			N / 34	1994		
1-C16 (Poultry Lab.)			N / 35	1994		
1-C17 (Postharvest Lab.)			N / 34	1994		
1-C18 (Entomology Lab.)			N / 29	1994		
1-C19 (Pesticide Building)			3 / 40	1994	N / 22.2	2004

Based on the assessment undertaken at the Agassiz Research Station and Walmsley Research Farm no further assessment of remediation of APEC 1, APEC 2, APEC 3 or APEC 6 is required at this time.

14.0 LIMITATIONS AND USE OF REPORT

This report was prepared for the exclusive use of the Agriculture and Agri-Food Canada, and is intended to provide an assessment of potential environmental concerns associated with the subject Site. The inferences concerning the Site conditions contained in this report are based on information obtained during the Phase I and Phase II Preliminary Site Investigation conducted by Golder personnel, and are based solely on the condition of the property at the time of the site reconnaissance, supplemented by historical and interview information obtained by Golder, as described in this report. The data presented in this report represent soil and groundwater conditions encountered at the sampling locations tested during this time period. Soil and/or groundwater conditions may vary with location, depth, time, sampling methodology, analytical techniques and other factors. Golder make no warranty, expressed or implied, and assumes no liability with respect to the use of the information contained in this report at the subject Site, or any other site, for other than its intended purpose.

This report was prepared, based in part, on information obtained from historic information sources and interviews. In evaluating the subject Site, Golder has relied in good faith on information provided. We accept no responsibility for any deficiency or inaccuracy contained in this report as a result of our reliance on the aforementioned information.

The findings and conclusions documented in this report have been prepared for the specific application to this project, and have been developed in a manner consistent with that level of care normally exercised by environmental professionals currently practising under similar conditions in the jurisdiction. Golder makes no other warranty, expressed or implied.

Any use which a third party makes of this report, or any reliance on or decisions to be made based on it, are the responsibility of such third parties. Golder accepts no responsibility for damages, if any, suffered by any third party as a result of decisions made or actions based on this report.

Golder makes no other representation whatsoever, including those concerning the legal significance of its findings, or as to other legal matters touched on in this report, including, but not limited to, ownership of any property, or the application of any law to the facts set forth herein. With respect to regulatory compliance issues, regulatory statutes are subject to interpretation. These interpretations may change over time, thus Agriculture and Agri-Food Canada should review these issues.

If new information is discovered during future work, including excavations, soil borings, or other investigations, Golder should be requested to re-evaluate the conclusions of this report and to provide amendments, as required, prior to any reliance upon the information presented herein.

This report was not prepared for, and does not contain sufficient information for, the purposes of submission to MWLAP for review under the Contaminated Sites program. The report may not be relied upon by MWLAP or by others, without Golder's expressed written consent.

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Table 15. Summary of Soil Analytical Results

	CSR Standard for AL	MCS	CCME Guideline for Agri.	Location SCN Depth (m) Date Sampled QA/QC	Agassiz			Walmsley	
					APEC 4			APEC 5	
					1 8589-01 0-0.1 2/5/2004	2 8589-02 0-0.1 2/5/2004	3 8589-03 0-0.1 2/5/2004	Sa1 8589-04 0-0.1 2/5/2004	Sa2 8589-05 0-0.1 2/5/2004
Physical Tests									
Moisture %					-	-	-	4.76	4.45
pH					6.41	8.24	8.18	5.81	5.94
Metals									
Antimony	20	G	20		<10	<10	<10	<10	<10
Arsenic	15	DW	12		<5.0	<5.0	<5.0	7.6	5.7
Barium	750	G	750		171	108	111	75.4	72.3
Beryllium	4	G	4		<0.50	<0.50	<0.50	<0.50	<0.50
Cadmium	1.5-3.5	DW	1.4		0.76	<0.50	<0.50	2.01	1.57
Chromium	50	L	64		3.6	<2.0	<2.0	27.5	25.4
Copper	90	AW	63		16.9	9.4	11.9	39.9	59
Cobalt	40	G	40		<2.0	<2.0	<2.0	12.3	7.9
Lead	100-500	DW	70		<50	<50	<50	<50	61
Mercury	0.6	L	6.6		<0.050	<0.050	<0.050	0.086	0.051
Molybdenum	5	G	5		<4.0	<4.0	5.7	<4.0	<4.0
Nickel	150	G	50		5.3	<5.0	<5.0	36.4	22.7
Selenium	2	G	1		[<2.0]	[<3.0]	[<2.0]	[<2.0]	[<2.0]
Silver	20	G	20		<2.0	<2.0	<2.0	<2.0	<2.0
Tin	5	G	5		[<5.0]	[<5.0]	[<5.0]	[<5.0]	[<5.0]
Vanadium	200	G	130		5.5	2.2	3	39.6	43.1
Zinc	150-450	DW	200		80.1	35.6	41.6	167	115
Petroleum Hydrocarbons									
EPH10-19	1000	G	450-900*		-	-	-	240	<200
EPH19-32	1000	G	400-800*		-	-	-	1780	500

Notes:

1. Results are expressed in micrograms per gram (ug/g).
2. CSR Standards reflect the most conservative value of generic (G), intake of contaminated soil (I), toxicity to soil invertebrates and plants (T), aquatic life (AW), livestock ingestion (L) and drinking water (DW).
3. MCS= Most Conservative Standard
4. LEPH/HEPH criteria used as a conservative screen for EPH10-19 and EPH19-32, respectively.
5. [] = detection limits below CSR or CCME standards
6. * = CSW-PHC dependent on grain size of soil

Table 16. Summary of Groundwater Analytical Results

	SCN Location QA/QC Date	CSR Standards	CCME Guidelines	Agassiz Research Station									
				APEC 3				APEC 2			APEC 3		
				8588-01 MW25	8588-02 MW13-D	8588-03 MW10	8588-04 MW8	8588-06 MW04-01	8588-05 MW04-02	8588-07 MW04-03 FDA	8588-09 PH1	8588-10 PH2	
				2/5/2004	2/5/2004	2/5/2004	2/5/2004	2/5/2004	2/5/2004	2/5/2004	2/5/2004	2/5/2004	2/5/2004
Physical Tests													
Colour (CU)				-	-	-	-	-	-	-	-	<5.0	<5.0
Conductivity (uS/cm)				-	-	-	-	-	-	-	-	262	285
Total Dissolved Solids				-	-	-	-	-	-	-	-	165	166
Hardness CaCO3				-	-	-	-	24.9	70.8	78.9	-	135	144
pH				6.35(1)	6.31(1)	6.42(1)	6.63(1)	6.13(1)	6.99(1)	6.44(1)	-	8.12 (2)	8.2 (2)
Turbidity (NTU)				-	-	-	-	-	-	-	-	0.36	<0.10
Dissolved Anions													
Alkalinity-Total CaCO3				-	-	-	-	-	-	-	-	116	137
Dissolved Metals													
Aluminum		0.2 DW	5 IR	-	-	-	-	0.112	0.0228	0.0726	-	<0.0050	<0.0050
Antimony		0.006 DW	0.006 DW	-	-	-	-	<0.0005	<0.0005	<0.0005	-	<0.0005	<0.0005
Arsenic		0.025 DW	0.025 DW	-	-	-	-	<0.0005	<0.0005	<0.0005	-	0.00378	0.00407
Barium		1 DW	-	-	-	-	-	0.035	0.028	0.113	-	0.042	0.042
Beryllium		0.1 IR	0.1 IR	-	-	-	-	<0.001	<0.001	<0.001	-	<0.001	<0.001
Boron		5 DW	5 DW	-	-	-	-	<0.10	<0.10	<0.10	-	<0.10	<0.10
Cadmium		0.005 DW	0.005 IR	-	-	-	-	0.000114	0.000123	0.000337	-	<0.000050	<0.000050
Calcium		1000 LS	1000 LS	-	-	-	-	7.06	19.3	22.8	-	39.8	41.6
Chromium		0.008 ^{VI} , 0.005 ^{III} IR, V	0.0049-0.008 IR, V	-	-	-	-	<0.001	<0.001	<0.001	-	<0.001	<0.001
Cobalt		0.05 DW	0.05 IR	-	-	-	-	0.00203	0.00224	0.00935	-	0.00083	0.00064
Copper		0.2 IR	0.2-1 IR	-	-	-	-	<0.001	<0.001	<0.001	-	<0.001	<0.001
Iron		0.3 DW	0.3 DW	-	-	-	-	0.055	<0.030	2.16	-	0.03	<0.030
Lead		0.01 DW	0.01 DW	-	-	-	-	<0.0005	<0.0005	<0.0005	-	<0.0005	<0.0005
Lithium		2.5 IR	-	-	-	-	-	<0.005	<0.005	<0.005	-	<0.005	<0.005
Magnesium		100 DW	-	-	-	-	-	1.76	5.5	5.32	-	8.65	9.62
Manganese		0.05 DW	0.05 DW	-	-	-	-	0.397	0.378	1.85	-	0.387	0.953
Mercury		0.001 DW	0.001 DW	-	-	-	-	<0.00005	<0.00005	<0.00005	-	<0.00005	<0.00005
Molybdenum		0.01-0.03 IR	0.01-0.05 IR	-	-	-	-	<0.001	<0.001	<0.001	-	0.001	<0.001
Nickel		0.2 IR	0.2 IR	-	-	-	-	0.0047	0.0036	0.0071	-	<0.001	<0.001
Potassium		-	-	-	-	-	-	6.5	4	8.6	-	<2.0	2.7
Selenium		0.01 DW	0.01 DW	-	-	-	-	<0.001	<0.001	<0.001	-	<0.001	<0.001
Silver		-	-	-	-	-	-	<0.00002	<0.00002	<0.00002	-	<0.00002	<0.00002
Sodium		200 DW	-	-	-	-	-	3.6	3.8	4.4	-	3.7	3.4
Thallium		-	-	-	-	-	-	<0.0002	<0.0002	<0.0002	-	<0.0002	<0.0002
Tin		-	-	-	-	-	-	<0.0005	<0.0005	<0.0005	-	<0.0005	<0.0005
Titanium		-	-	-	-	-	-	<0.01	<0.01	<0.01	-	<0.01	<0.01
Uranium		0.01 IR	0.01 IR	-	-	-	-	<0.0002	<0.0002	<0.0002	-	0.00021	<0.0002
Vanadium		0.1 IR	0.1 IR	-	-	-	-	<0.03	<0.03	<0.03	-	<0.03	<0.03
Zinc		1-5 IR	0.03 FW	-	-	-	-	<0.005	<0.005	<0.005	-	0.0259	0.0056
Other Inorganics													
Chloride		100-700 IR, CR	100-700 IR	-	-	-	-	-	-	-	-	3.1	2.93
Fluoride		1 LS, L	1 IR	-	-	-	-	-	-	-	-	0.062	0.058
Nitrate (as N)		10 DW	10 DW	8.73	5.54	3.8	0.376	3.31	6.66	3.65	-	<0.005	0.564
Nitrite (as N)		3.2 DW	3.2 DW	0.0024	<0.001	<0.001	<0.0010	0.0354	0.0313	0.313	-	<0.001	0.0329
Nitrate + Nitrite (as N)		10 DW	100 LS	8.7324	5.54	3.8	0.376	3.3454	6.6913	3.963	-	<0.005	0.5969
Sulphate		500.0 DW	1000 LS	-	-	-	-	-	-	-	-	18.4	9.5

Table 16. Summary of Groundwater Analytical Results

	CSR Standards	CCME Guidelines	SCN Location QA/QC Date	Agassiz Research Station									
				APEC 3				APEC 2			APEC 3		
				8588-01 MW25	8588-02 MW13-D	8588-03 MW10	8588-04 MW8	8588-06 MW04-01	8588-05 MW04-02	8588-07 MW04-03 FDA	8588-09 PH1	8588-10 PH2	
				2/5/2004	2/5/2004	2/5/2004	2/5/2004	2/5/2004	2/5/2004	2/5/2004	2/5/2004	2/5/2004	2/5/2004
Monoaromatic Hydrocarbons													
Benzene	0.005 DW	0.004 DW		-	-	-	-	<0.0005	<0.0005	<0.0005	-	-	
Ethylbenzene	0.0024 DW	0.0024 DW		-	-	-	-	<0.0005	<0.0005	<0.0005	-	-	
Toluene	0.024 DW	0.024 DW		-	-	-	-	<0.001	<0.001	<0.001	-	-	
meta- & para-Xylene				-	-	-	-	<0.0005	<0.0005	<0.0005	-	-	
ortho-Xylene				-	-	-	-	<0.0005	<0.0005	<0.0005	-	-	
Total Xylene	0.3 DW			-	-	-	-	<0.001	<0.001	<0.001	-	-	
Styrene				-	-	-	-	<0.001	<0.001	<0.001	-	-	
Polycyclic Aromatic Hydrocarbons													
Acenaphthene				-	-	-	-	<0.00005	<0.00005	<0.00005	-	-	
Acenaphthylene				-	-	-	-	<0.00005	<0.00005	<0.00005	-	-	
Acridine				-	-	-	-	<0.00005	<0.00005	<0.00005	-	-	
Anthracene				-	-	-	-	<0.00005	<0.00005	<0.00005	-	-	
Benzo(a)anthracene				-	-	-	-	<0.00005	<0.00005	<0.00005	-	-	
Benzo(a)pyrene	0.00001 DW	0.00001 DW		-	-	-	-	<0.00001	<0.00001	<0.00001	-	-	
Benzo(b)fluoranthene				-	-	-	-	<0.00005	<0.00005	<0.00005	-	-	
Benzo(ghi)perylene				-	-	-	-	<0.00005	<0.00005	<0.00005	-	-	
Benzo(k)fluoranthene				-	-	-	-	<0.00005	<0.00005	<0.00005	-	-	
Chrysene				-	-	-	-	<0.00005	<0.00005	<0.00005	-	-	
Dibenzo(a,h)anthracene				-	-	-	-	<0.00005	<0.00005	<0.00005	-	-	
Fluoranthene				-	-	-	-	<0.00005	<0.00005	<0.00005	-	-	
Fluorene				-	-	-	-	<0.00005	<0.00005	<0.00005	-	-	
Indeno(1,2,3-cd)pyrene				-	-	-	-	<0.00005	<0.00005	<0.00005	-	-	
Naphthalene				-	-	-	-	<0.00005	<0.00005	<0.00005	-	-	
Phenanthrene				-	-	-	-	<0.00005	<0.00005	<0.00005	-	-	
Pyrene				-	-	-	-	<0.00005	<0.00005	<0.00005	-	-	
Quinoline				-	-	-	-	<0.00005	<0.00005	<0.00005	-	-	
Total PAH TEQ (Calc.)				-	-	-	-	<0.00005	<0.00005	<0.00005	-	-	
Polychlorinated Biphenyls													
Total Polychlorinated Biphenyls				-	-	-	-	<0.001	<0.001	<0.001	-	-	

Table 16. Summary of Groundwater Analytical Results

	CSR Standards	CCME Guidelines	SCN Location QA/QC Date	Agassiz Research Station									
				APEC 3				APEC 2			APEC 3		
				8588-01 MW25	8588-02 MW13-D	8588-03 MW10	8588-04 MW8	8588-06 MW04-01	8588-05 MW04-02	8588-07 MW04-03 FDA	8588-09 PH1	8588-10 PH2	
				2/5/2004	2/5/2004	2/5/2004	2/5/2004	2/5/2004	2/5/2004	2/5/2004	2/5/2004	2/5/2004	2/5/2004
Pesticides													
Aldrin									<0.00005	<0.00005	<0.00005	<0.00005	<0.00005
Dieldrin									<0.00005	<0.00005	<0.00005	<0.00005	<0.00005
Aldrin and Dieldrin	0.0007 DW			-	-	-	-	-	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
Azinphos-methyl	0.02 DW			-	-	-	-	-	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Alpha-BHC				-	-	-	-	-	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005
Beta-BHC				-	-	-	-	-	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
Delta-BHC				-	-	-	-	-	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005
Carbophenothion				-	-	-	-	-	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Chlordane	0.007 DW			-	-	-	-	-	0.00005	0.00005	0.00005	0.00005	0.00005
Chlorpyrifos	0.024 LS	0.024 LS		-	-	-	-	-	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Coumaphos				-	-	-	-	-	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
2,4'-DDD				-	-	-	-	-	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
4,4'-DDD				-	-	-	-	-	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005
2,4'-DDE				-	-	-	-	-	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
4,4'-DDE				-	-	-	-	-	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005
2,4'-DDT				-	-	-	-	-	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
4,4'-DDT				-	-	-	-	-	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
Diazinon	0.014 LS			-	-	-	-	-	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Dichlorvos/Naled				-	-	-	-	-	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Dimethoate	0.003 LS	0.003 LS		-	-	-	-	-	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Disulfoton				-	-	-	-	-	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Endosulfan				-	-	-	-	-	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005
Endosulfan II				-	-	-	-	-	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005
Endosulfan Sulfate				-	-	-	-	-	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005
Endrin	0.0002 LS			-	-	-	-	-	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
Ethion				-	-	-	-	-	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Fenitrothion				-	-	-	-	-	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Fensulfathion				-	-	-	-	-	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Fenthion				-	-	-	-	-	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Fonofos				-	-	-	-	-	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Heptachlor and Heptachlor Epoxide	0.003 DW			-	-	-	-	-	<0.0000525	<0.0000525	<0.0000525	<0.0000525	<0.0000525
Lindane	0.004 DW	0.004 LS		-	-	-	-	-	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005
Malathion	0.19 DW			-	-	-	-	-	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Methoxychlor	0.9 DW			-	-	-	-	-	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
Mevinphos (Total)				-	-	-	-	-	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Mirex				-	-	-	-	-	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005
cis-Nonachlor				-	-	-	-	-	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005
trans-Nonachlor				-	-	-	-	-	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005
Oxychlordane				-	-	-	-	-	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005
Parathion	0.05 DW			-	-	-	-	-	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Parathion-methyl				-	-	-	-	-	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Phorate	0.002 DW			-	-	-	-	-	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Phosalone				-	-	-	-	-	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Phosmet				-	-	-	-	-	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Terbufos	0.001 DW			-	-	-	-	-	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005

Table 16. Summary of Groundwater Analytical Results

	SCN Location QA/QC Date	CSR Standards	CCME Guidelines	Agassiz Research Station									
				APEC 3				APEC 2			APEC 3		
				8588-01 MW25	8588-02 MW13-D	8588-03 MW10	8588-04 MW8	8588-06 MW04-01	8588-05 MW04-02	8588-07 MW04-03 FDA	8588-09 PH1	8588-10 PH2	
				2/5/2004	2/5/2004	2/5/2004	2/5/2004	2/5/2004	2/5/2004	2/5/2004	2/5/2004	2/5/2004	2/5/2004
Petroleum Hydrocarbons													
VPHw				-	-	-	-	<0.10	<0.10	<0.10	-	-	
LEPHw		AWF		-	-	-	-	<0.30	<0.30	<0.30	-	-	
HEPHw				-	-	-	-	<1.0	<1.0	<1.0	-	-	
VHw6-10		15	DW	-	-	-	-	<0.10	<0.10	<0.10	-	-	
EHw10-19		5	DW	-	-	-	-	<0.30	<0.30	<0.30	-	-	
EHw19-32				-	-	-	-	<1.0	<1.0	<1.0	-	-	

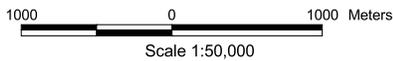
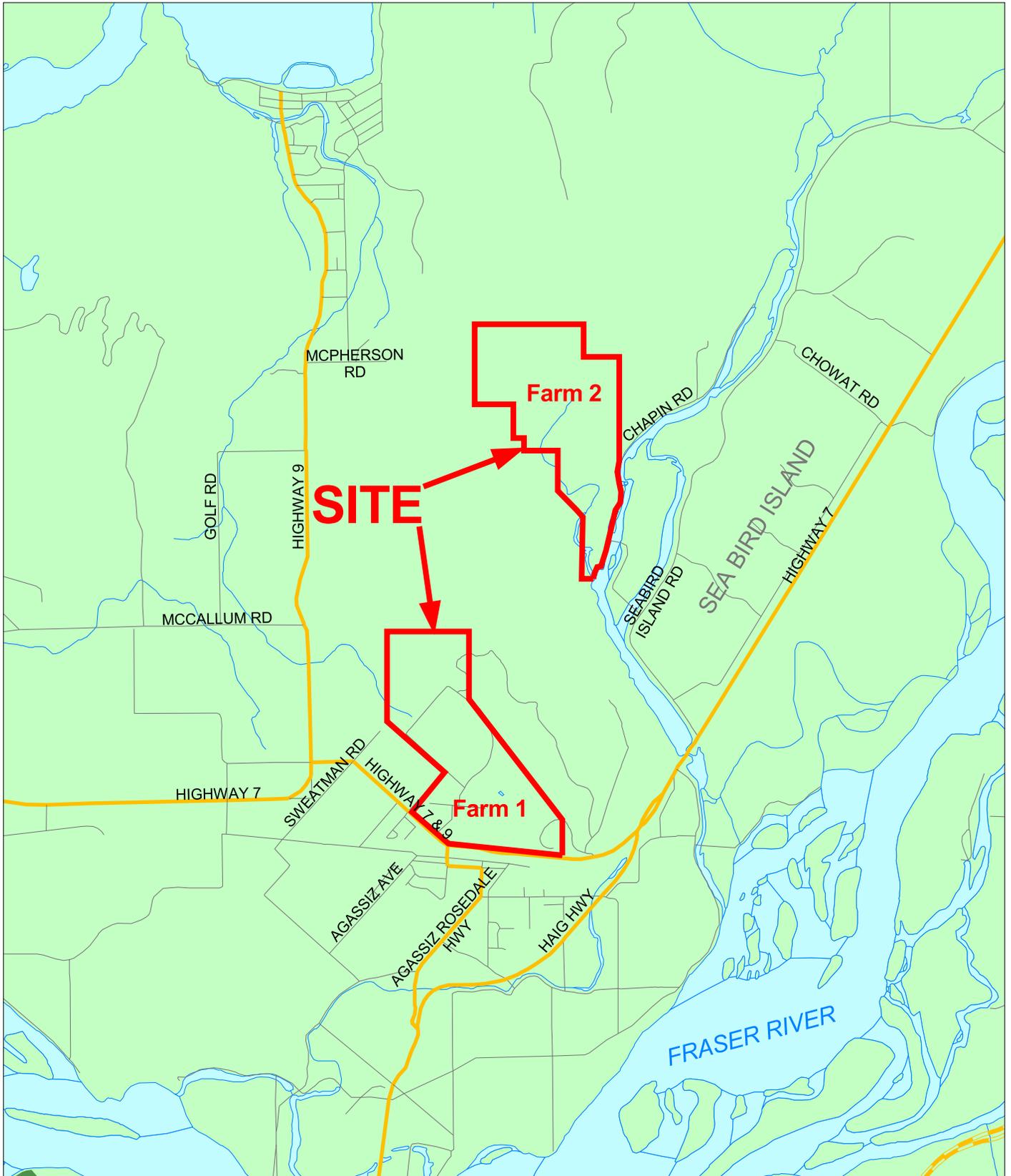
Notes:

- All concentrations in mg/L.
- (1) - measured in the field
- (2) - measured in the laboratory
- Cl = standard is chloride dependent
- V= Standard is valence dependent [CR(VI)/Cr(III)]
- CR = standard varies depending on crop. Consult director for further advice
- DW - Drinking Water
- LS = Livestock guideline/standard
- IR = Irrigation guideline

	SCN Location QA/QC Date		8588-07	8588-08	RPD	DF		
			MW04-03 FDA 2/5/2004	MW04-03 FD 2/5/2004				
	CSR Standards		CCME Guidelines					
Other Inorganics								
Chloride	100-700	IR, CR	100-700	IR	-	-	NC	NC
Fluoride	1	LS, L	1	IR	-	-	NC	NC
Nitrate (as N)	10	DW	10	DW	3.65	3.7	NA	NC
Nitrite (as N)	3.2	DW	3.2	DW	0.313	0.15	NA	NC
Nitrate + Nitrite (as N)	10	DW	100	LS	3.963	3.85	NA	NC
Sulphate	500.0	DW	1000	LS	-	-		
Pesticides								
Aldrin					<0.00005	<0.00005	NC	NC
Dieldrin					<0.00005	<0.00005	NC	NC
Aldrin and Dieldrin	0.0007	DW			<0.0001	<0.0001	NC	NC
Atrazine	5	DW						
Azinphos-methyl	0.02	DW			<0.0005	<0.0005	NC	NC
Alpha-BHC					<0.00005	<0.00005	NC	NC
Beta-BHC					<0.0001	<0.0001	NC	NC
Delta-BHC					<0.00005	<0.00005	NC	NC
Carbophenothion					<0.0005	<0.0005	NC	NC
Chlordane	0.007	DW			0.00005	0.00005	0	NC
Chlorpyrifos	0.024	LS	0.024	LS	<0.0005	<0.0005	NC	NC
Coumaphos					<0.0005	<0.0005	NC	NC
2,4'-DDD					<0.0001	<0.0001	NC	NC
4,4'-DDD					<0.00005	<0.00005	NC	NC
2,4'-DDE					<0.0001	<0.0001	NC	NC
4,4'-DDE					<0.00005	<0.00005	NC	NC
2,4'-DDT					<0.0001	<0.0001	NC	NC
4,4'-DDT					<0.0001	<0.0001	NC	NC
Diazinon	0.014	LS			<0.0005	<0.0005	NC	NC
Dichlorvos/Naled					<0.0005	<0.0005	NC	NC
Dimethoate	0.003	LS	0.003	LS	<0.0005	<0.0005	NC	NC
Disulfoton					<0.0005	<0.0005	NC	NC
Endosulfan					<0.00005	<0.00005	NC	NC
Endosulfan II					<0.00005	<0.00005	NC	NC
Endosulfan Sulfate					<0.00005	<0.00005	NC	NC
Endrin	0.0002	LS			<0.0002	<0.0002	NC	NC
Ethion					<0.0005	<0.0005	NC	NC
Fenitrothion					<0.0005	<0.0005	NC	NC
Fensulfothion					<0.0005	<0.0005	NC	NC
Fenthion					<0.0005	<0.0005	NC	NC
Fonofos					<0.0005	<0.0005	NC	NC
Heptachlor and Heptachlor Epoxide	0.003	DW			<0.0000525	<0.0000525	NC	NC
Lindane	0.004	DW	0.004	LS	<0.00005	<0.00005	NC	NC
Malathion	0.19	DW			<0.0005	<0.0005	NC	NC
Methoxychlor	0.9	DW			<0.0002	<0.0002	NC	NC
Mevinphos (Total)					<0.0005	<0.0005	NC	NC
Mirex					<0.00005	<0.00005	NC	NC
cis-Nonachlor					<0.00005	<0.00005	NC	NC
trans-Nonachlor					<0.00005	<0.00005	NC	NC
Oxychlordane					<0.00005	<0.00005	NC	NC
Parathion	0.05	DW			<0.0005	<0.0005	NC	NC
Parathion-methyl					<0.0005	<0.0005	NC	NC
Phorate	0.002	DW			<0.0005	<0.0005	NC	NC
Phosalone					<0.0005	<0.0005	NC	NC
Phosmet					<0.0005	<0.0005	NC	NC
Terbufos	0.001	DW			<0.0005	<0.0005	NC	NC

Notes:
 All concentrations in ug/L.
 H = standard is Hardness dependent
 pH = standard is pH dependant
 Cl = standard is chloride dependent
 V = Standard is valence dependent [CR(VI)/Cr(III)]

CR = standard varies depending on crop. Consult director for further advice
 L = standard varies with type of livestock. Consult director for further advice
 N = where nitrate and nitrite are present, total nitrate plus nitrite-nitrogen should not exceed this value
 n-Le = standard to protect crops other than legumes
 Le = standard to protect legumes
 D = standard has been set to equal the reference analytical detection limit
 IR = Irrigation guideline

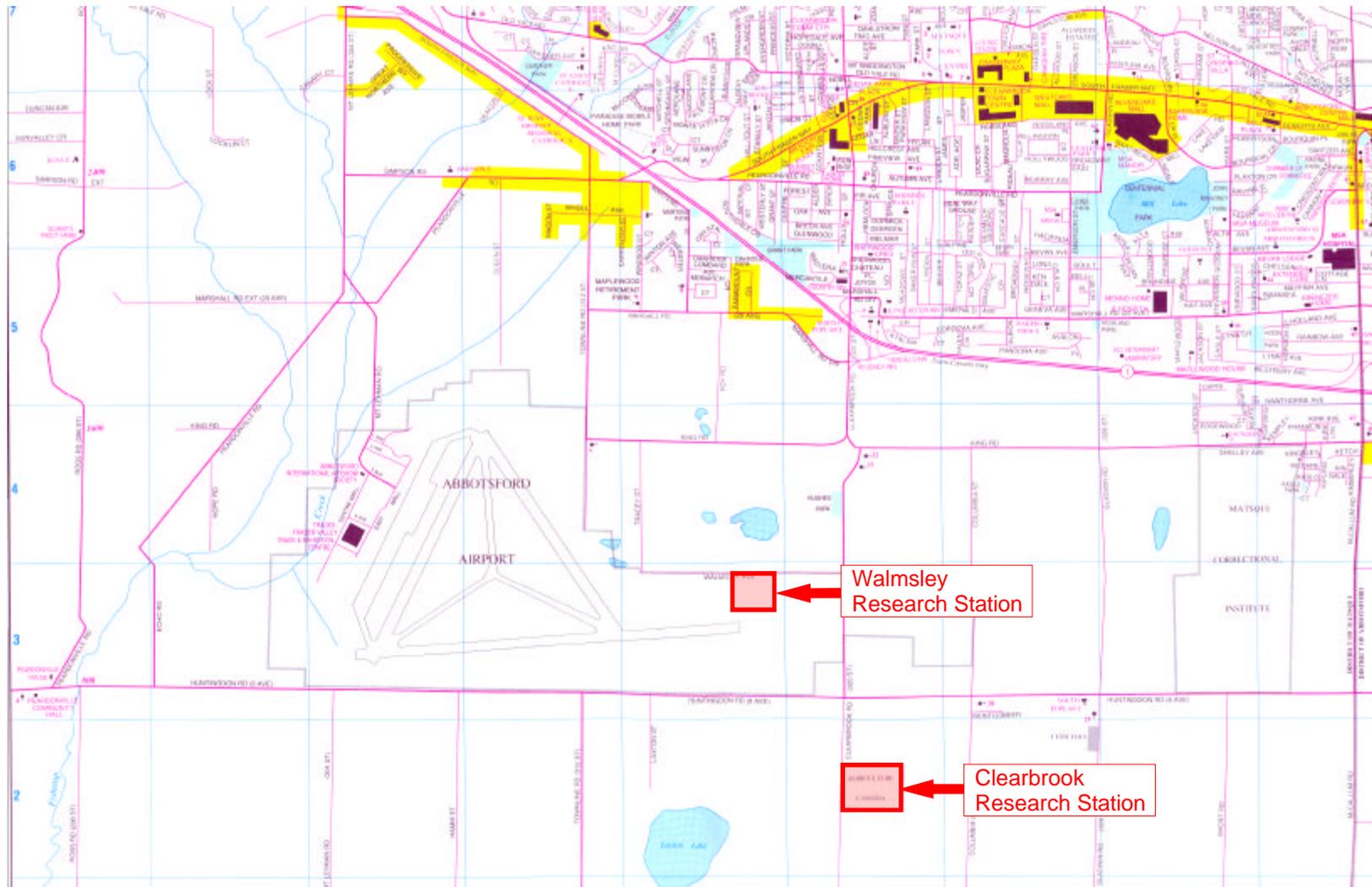


REFERENCE

Source: DMTI Spatial
Datum: NAD 83 Projection: UTM Zone 10



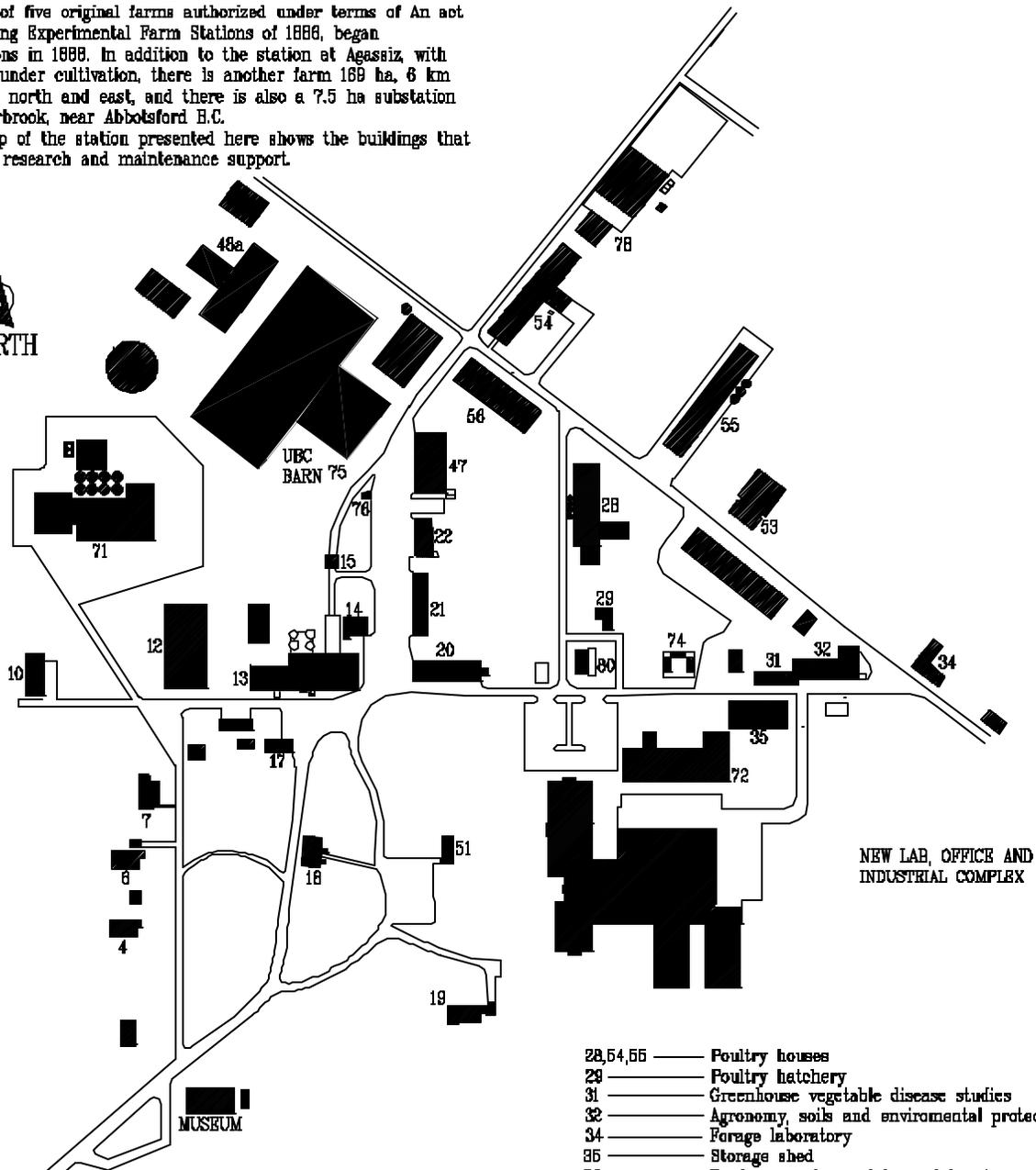
PROJECT	AGRICULTURE & AGRI-FOOD CANADA PHASE I AND II PSI AGASSIZ, B.C.		
TITLE	AGASSIZ SITE LOCATIONS		
	PROJECT No.	03-1412-127	SCALE AS SHOWN
	DESIGN	SM 01 Mar. 2004	REV. 0
	GIS	CDB 01 Mar. 2004	FIGURE 1
	CHECK	SM 01 Mar. 2004	
REVIEW			



PROJECT		AGRICULTURE & AGRI-FOOD CANADA PHASE I AND II PSI		
TITLE		ABBOTSFORD SITE LOCATIONS		
PROJECT No.		03-1412-127	FILE No. SITE	
DESIGN	SM	01MAR04	SCALE	NTS
CADD	SS	01MAR04	REV.	
CHECK	SM	01MAR04	FIGURE 2	
REVIEW				



The Agassiz Research Station, which was established in 1886 as one of five original farms authorized under terms of An act respecting Experimental Farm Stations of 1886, began operations in 1888. In addition to the station at Agassiz, with 159 ha under cultivation, there is another farm 189 ha, 6 km by road north and east, and there is also a 7.5 ha substation at Clearbrook, near Abbotsford B.C. The map of the station presented here shows the buildings that provide research and maintenance support.



INDEX TO BUILDINGS

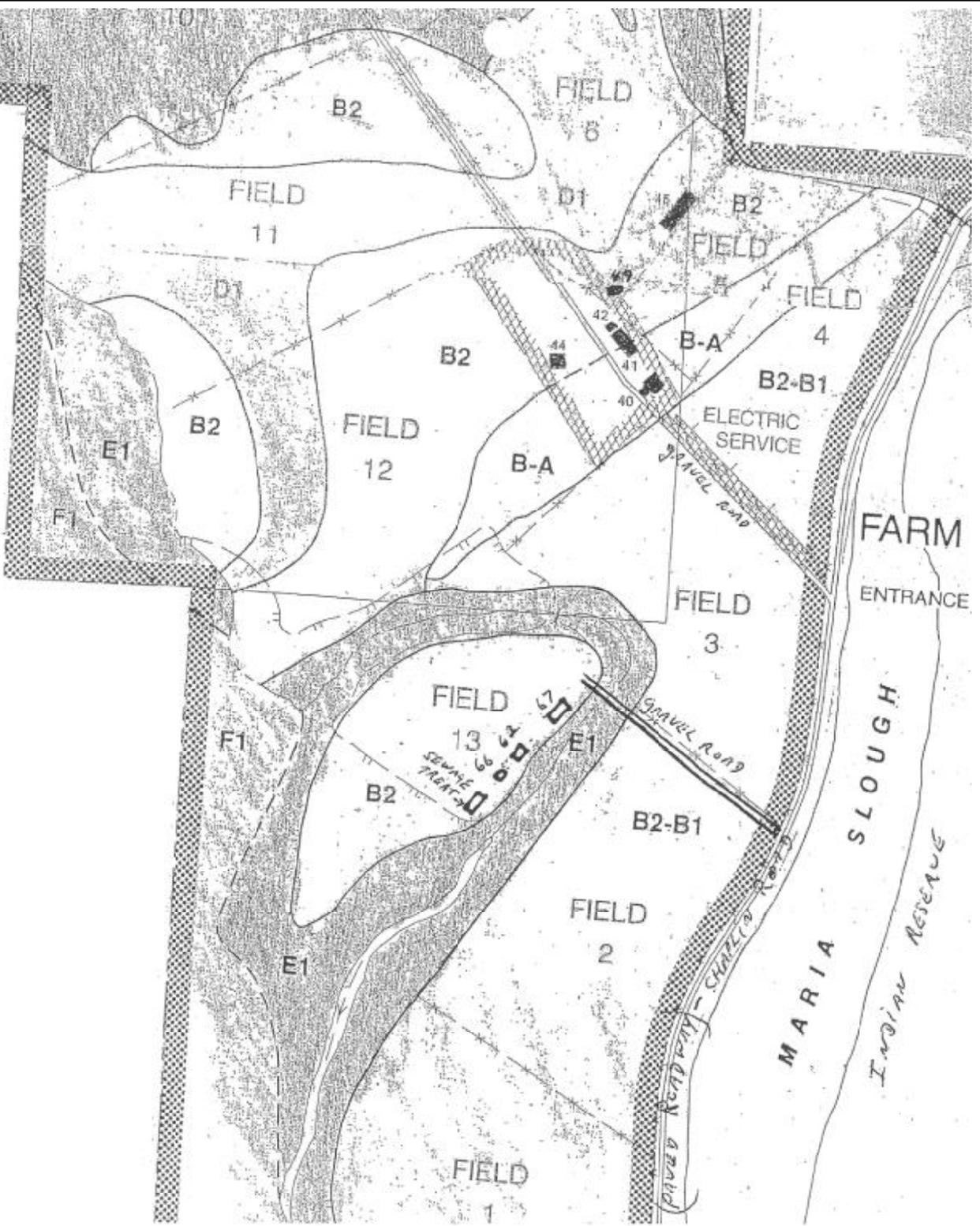
- 4,6,7,10 — Residences occupied by staff and students
- 10 — Maternity barn
- 12 — Dry cow and heifer barn
- 13 — Former calf barn built in 1893. Now used for conference room and storage
- 14,15,21,22,47,76 — General service buildings
- 17 — Entomology laboratory
- 18 — Administration and scientist's offices
- 20 — Carpenter shop, entomology laboratory and post harvest physiology laboratory

- 28,54,55 — Poultry houses
- 29 — Poultry hatchery
- 31 — Greenhouse vegetable disease studies
- 32 — Agronomy, soils and environmental protection
- 34 — Forage laboratory
- 35 — Storage shed
- 36 — Food processing and berry laboratory
- 37 — Greenhouses and plant physiology laboratory
- 48a — Loose housing complex
- 51 — Picnic shelter and washrooms
- 53 — Pump house and water storage
- 55 — Building provided by H.C. Chicken Marketing Board for studies on meat type chickens
- 56 — Calf barn
- 71 — Feedmill and poultry laboratory
- 72 — Venlo greenhouse complex
- 74 — Chemical storage buildings
- 75 — Milking parlor
- 78 — Composter complex
- 80 — Pesticide storage building

CADD FILE: D:\Active\2003-4\2003\1412\03-1412-127 AAF Phase 1a\Agassiz Site\SITE.MAP2.dwg

REVISION DATE: 04/03/1 3:01pm By: bdrozdniak

PROJECT			
AGRICULTURE & AGRI-FOOD CANADA PHASE I & II PSI			
TITLE			
AGASSIZ FARM I LAYOUT			
	PROJECT No. 05-1412-127		FILE No. SITE MAP 2
	DESIGN	SN 01MARG4	SCALE NTS REV. 0
	CADD	SS 01MARG4	
	CHECK	SN 01MARG4	
REVIEW			
FIGURE 3			



- 40 - RESIDENCE 1-2-13
- 41 - IMPLEMENT SHED
- 42 - PUMPHOUSE
- 44 - DEMOLISHED
- 45 - BUNKER SILO w/ 2 MW SHEDS
- 49 - GRAIN STORAGE
- 62 - PAINT STORAGE
- 66 - INCINERATOR
- 67 - STORAGE BLDG.

PROJECT **AGRICULTURE & AGRI-FOOD CANADA
PHASE I & II PSI**

TITLE **AGASSIZ FARM2 SITE LAYOUT**

PROJECT No.		03-1412-127	FILE No.		SITE 2
DESIGN	SM	01MAR04	SCALE		REV.
CADD	SS	01MAR04	FIGURE 4		
CHECK	SM	01MAR04			
REVIEW					

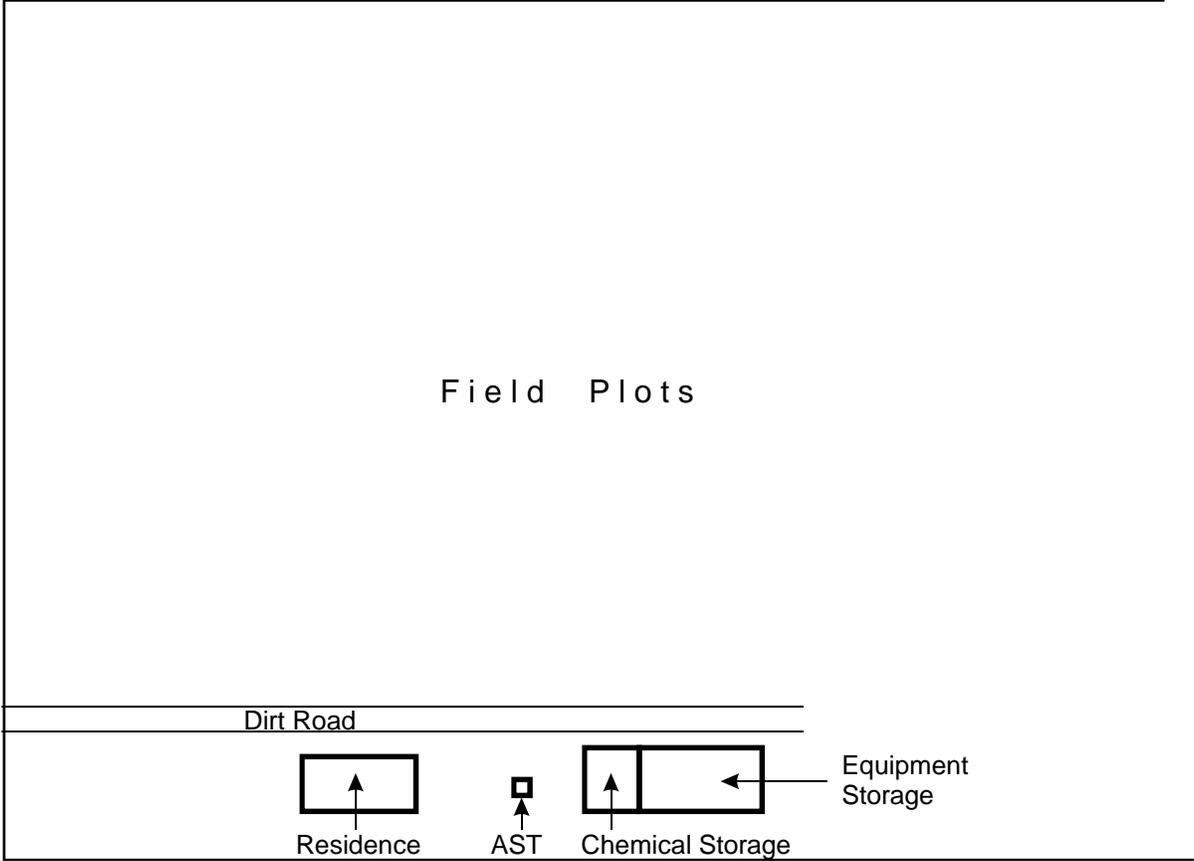


REVISION DATE: BY: COREL FILE:N:\Bur-Graphics\Projects\2003\1412\03-1412-127\Drafting\corel\Site 2.cdr



Clearbrook Road

Field Plots



Not to Scale

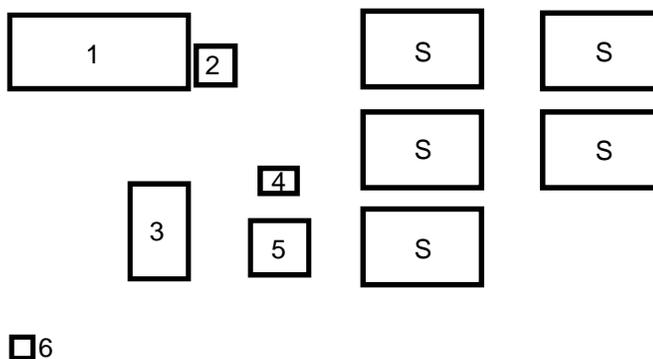
REVISION DATE: BY: COREL FILE:N:\Bur-Graphics\Projects\2003\1412\03-1412-127\Drafting\corel\Site 2.cdr

PROJECT					AGRICULTURE & AGRI-FOOD CANADA PHASE I & II PSI				
TITLE					CLEARBROOK SITE LAYOUT				
PROJECT No.			03-1412-127		FILE No.			SITE 2	
DESIGN	SM	01MAR04	SCALE		REV.				
CADD	SS	01MAR04	FIGURE 5						
CHECK	SM	01MAR04							
REVIEW									





WALMSLEY ROAD



LEGEND:

- S Screen House
- 1 Equipment Storage
- 2 Storage (Paint, Fertilizers, etc)
- 3 Trailer
- 4 Storage
- 5 Former Fuel Storage
- 6 Pumphouse

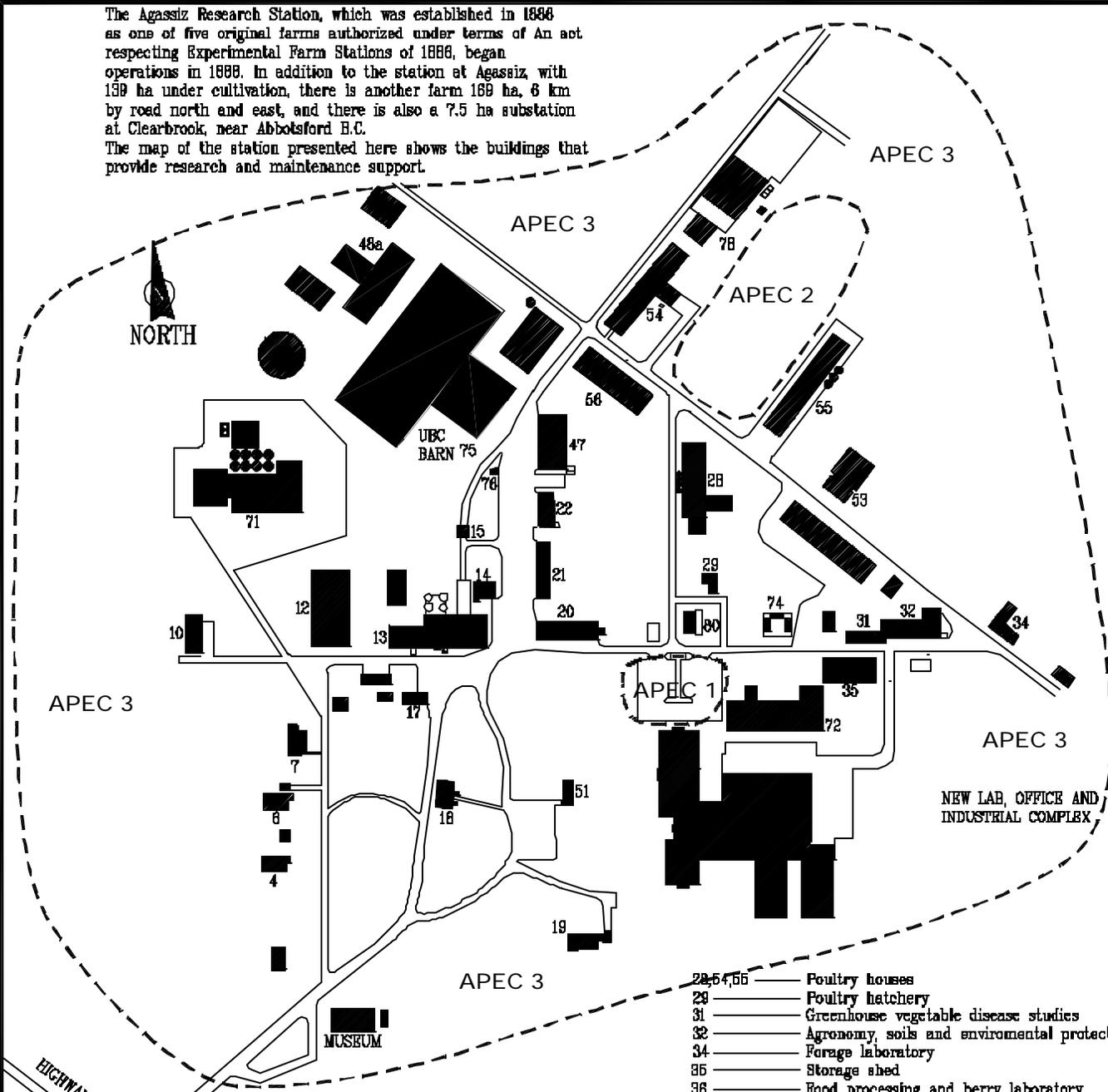
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PROJECT					
AGRICULTURE & AGRI-FOOD CANADA PHASE I & II PSI					
TITLE					
WALMSLEY SITE LAYOUT					
PROJECT No.		03-1412-127		FILE No.	SITE 2
DESIGN	SM	01MAR04	SCALE	REV.	
CADD	SS	01MAR04	FIGURE 6		
CHECK	SM	01MAR04			
REVIEW					



The Agassiz Research Station, which was established in 1886 as one of five original farms authorized under terms of An act respecting Experimental Farm Stations of 1886, began operations in 1888. In addition to the station at Agassiz, with 159 ha under cultivation, there is another farm 189 ha, 6 km by road north and east, and there is also a 7.5 ha substation at Clearbrook, near Abbotsford B.C. The map of the station presented here shows the buildings that provide research and maintenance support.

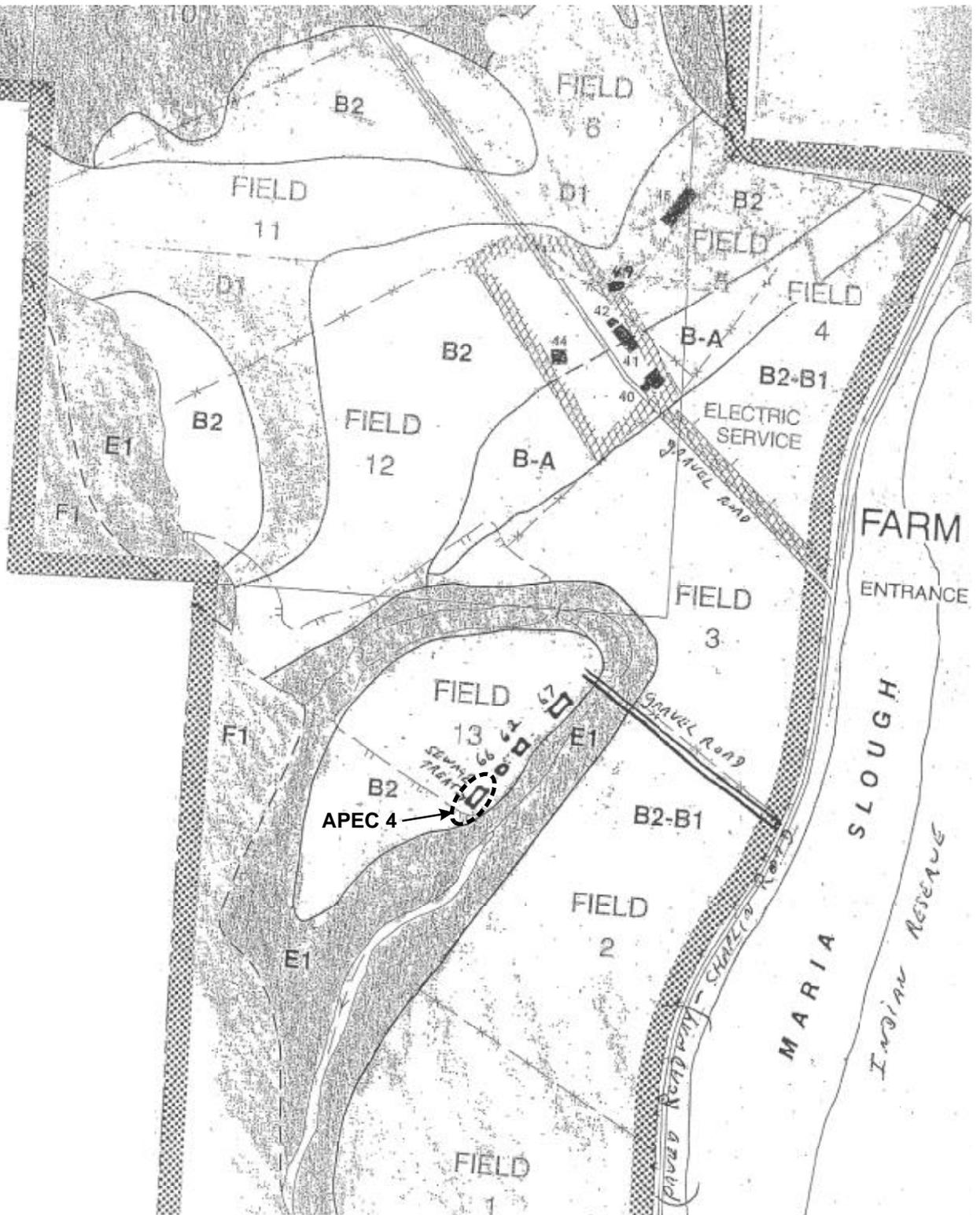
REVISION DATE: 04/03/10 1:5pm By: bdrozdziak
 CADD FILE: D:\Active\2003-4\2003\1412\03-1412-127 AFPC Phase 1a\Agassiz Site\FIGURE7.dwg



- INDEX TO BUILDINGS**
- 4,6,7,10 — Residences occupied by staff and students
 - 10 — Maternity barn
 - 12 — Dry cow and heifer barn
 - 13 — Former calf barn built in 1893. Now used for conference room and storage
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- 28,54,55 — Poultry houses
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- 72 — Venlo greenhouse complex
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- 75 — Milking parlor
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PROJECT			
AGRICULTURE & AGRI-FOOD CANADA PHASE I & II PSI			
TITLE			
AGASSIZ RESEARCH STATION (FARM) AREA OF POTENTIAL ENVIRONMENTAL CONCERN (APEC)			
	PROJECT No. 05-1412-127		FILE No.
	DESIGN	SN	10MARG4
	CADD	BAD	10MARG4
	CHECK	SN	10MARG4
REVIEW			FIGURE7
		SCALE	NTS/REV. 0
FIGURE 7			



- 40 - RESIDENCE 1-2-13
- 41 - IMPLEMENT SHED
- 42 - PUMPHOUSE
- 44 - DEMOLISHED
- 45 - BUNKER SILO w/ 2 MW SHEDS
- 49 - GRAIN STORAGE
- 62 - PAINT STORAGE
- 66 - INCINERATOR
- 67 - STORAGE BLDG.

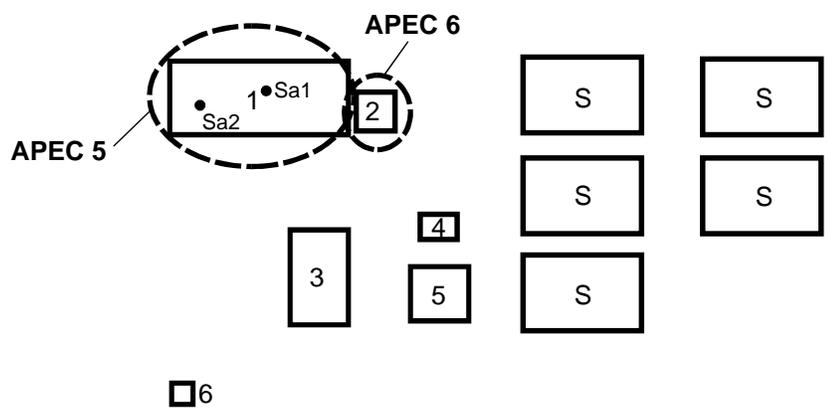
Not to Scale

PROJECT		AGRICULTURE & AGRI-FOOD CANADA PHASE I & II PSI	
TITLE		AGASSIZ RESEARCH STATION (FARM 2) AREA OF POTENTIAL ENVIRONMENTAL CONCERN (APEC)	
PROJECT No.	03-1412-127	FILE No.	SITE 2
DESIGN	SM	01MAR04	SCALE
CADD	SS	01MAR04	REV.
CHECK	SM	01MAR04	FIGURE 8
REVIEW			





WALMSLEY ROAD



LEGEND:

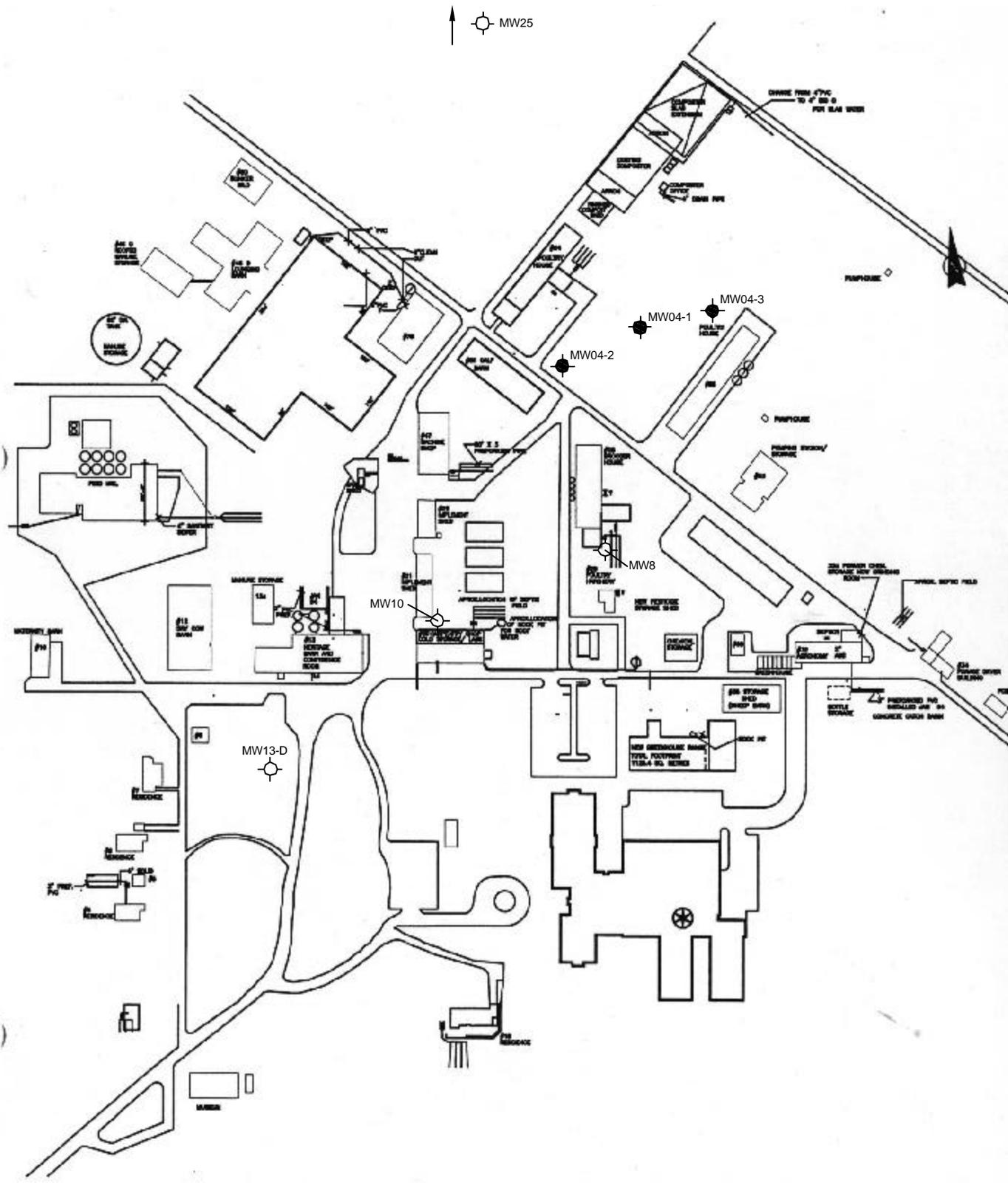
S	Screen House
1	Equipment Storage
2	Storage (Paint, Fertilizers, etc)
3	Trailer
4	Storage
5	Former Fuel Storage
6	Pumphouse

Not to Scale

REVISION DATE: BY: COREL FILE:N:\Bur-Graphics\Projects\2003\1412\03-1412-127\Drafting\corel\Site 2.cdr

PROJECT					AGRICULTURE & AGRI-FOOD CANADA PHASE I & II PSI					
TITLE					WALMSLEY RESEARCH FARM AREA OF POTENTIAL ENVIRONMENTAL CONCERN					
PROJECT No. 03-1412-127			FILE No. SITE 2		DESIGN SM 01MAR04			SCALE NTS		REV.
CADD SS 01MAR04			CHECK SM 01MAR04					FIGURE 9		
REVIEW										

REVISION DATE: 04/03/10 2:29pm By: bdrozdniak CADD FILE: D:\Active\2003-4\2003\1412\03-1412-127 AFCC Phase 1e\Agassiz Site\FIGURE10.dwg



LEGEND

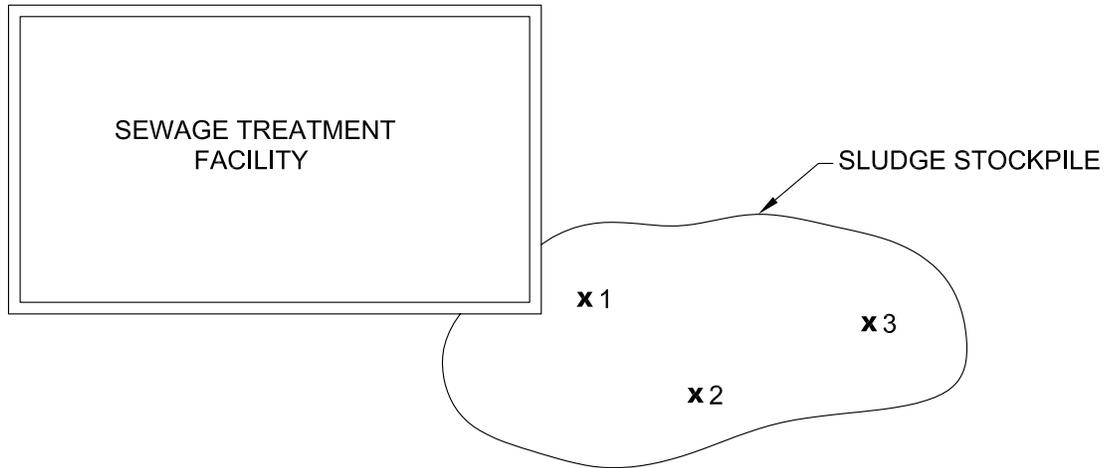
-  MW04-2 - Approximate location of New Well
-  MW8 - Approximate location of Previous Well

PROJECT AGRICULTURE & AGRI-FOOD CANADA PHASE I & II PSI			
TITLE WELL LOCATIONS ON FARM 1			
PROJECT No. 03-1412-127		FILE No. FIGURE10	
DESIGN	BAD	10MAR04	SCALE NTS' REV. -
CADD			FIGURE 10
CHECK			
REVIEW			



CADD FILE: O:\Active\#2003-4\2003\1412\03-1412-127 A AFC Phase 1s\Agassiz Site\FIGURE10.dwg

REVISION DATE: 04/03/10 2:5pm By: bdrozdiak



LEGEND

x 2 - Approximate location of Sample

PROJECT					AGRICULTURE & AGRI-FOOD CANADA PHASE I & II PSI				
TITLE					SAMPLE LOCATIONS ON FARM 2				
PROJECT No. 03-1412-127			FILE No.		FIGURE11				
DESIGN			SCALE	NTS	REV.	-			
CADD	BAD	10MAR04	FIGURE 11						
CHECK									
REVIEW									



APPENDIX I
CERTIFICATE OF TITLES



LAND INVENTORY RECORD

FICHE D'INVENTAIRE DU TERRAIN

File No. / N° du dossier

465-2-7/P9025/3

Branch - Section / Direction générale - Section Research		LDU No. / N° de l'ERT 33947-001	Date Revised / Date de révision 2002/06/26
--	--	---	--

Site Name / Nom du lieu Abbotsford Research Farm		Site Location / Emplacement du lieu Wamsley and Clearbrook Roads Abbotsford, BC	
Date (Purchase-Lease / Achat-location) 1972/04/01	Total (Acres / Hectares / m ²) 2.91 acres / 1.18 ha		

<input type="radio"/> Owned Possession de la couronne	Acquisition Cost / Coût d'achat	Former Owner / Propriétaire précédent	
--	---------------------------------	---------------------------------------	--

<input type="radio"/> Leased Direct Loué directement	<input type="radio"/> Letting Cession à bail	Date Expiry / Date d'échéance 2005/03/31	Rental Cost / Coût du loyer 1312/year
---	---	--	---

Lessor - Lessee / Bailleur - Locataire
City of Abbotsford

Related Building Inventory Records Dossier relié à l'inventaire du bâtiment	Related Misc. Agreement Records Dossier d'accord divers	Survey Plan Reference No. / N° du plan d'arpentage
--	--	--

Authority and Registration Reference / N° d'inscription et autorisation

Lease Agreement #93545 dated May4, 1972. Amendment lease #96149 dated June 11, 1973. Supplement agreement #99407 dated January 6, 1975. PC. 1967-21-1070 dated June 1, 1967. Supplemental Agreement to #93545 dated April 1, 1995.

Description and Purpose of Property / Description et but du terrain

All that parcel of land, situated, lying and being comprised in the Abbotsford Airport at or in the vicinity of Abbotsford comprising of an area of 1.181 ha more or less.

Remarks / Remarques

Original lease comprised of 10 acres, increased to 21 acres in January 1975. Now decreased to 2.91 acres.

Land Sold / Terrain vendu



THIS ADDENDUM-NO. 6 made in triplicate this twenty-second (22nd) day of June, 2000

BETWEEN: THE CITY OF ABBOTSFORD, 32315 South Fraser Way, Abbotsford, British Columbia, V2T 1W7, hereinafter referred to as "the Lessor"

AND: HER MAJESTY THE QUEEN IN RIGHT OF CANADA, as represented by the Minister of Agriculture and Agri-Food, hereinafter referred to as "the Lessee",

WITNESSETH that the Lessor and the Lessee hereby mutually covenant and agree, as follows:

1. To amend Lease No. 93545 (PACIFIC 782) dated July 10, 1972 (herein referred to as "the said Lease" and hereto attached), by striking out the Description Clause on Page One (1) of the said Lease and substituting therefore with the following Description Clause.

"ALL AND SINGULAR that certain parcel of land (hereinafter referred to as "the said land") situate, lying and being comprised, at the Abbotsford Airport (hereinafter referred to as "the said airport") in the vicinity of the City of Abbotsford, in the Province of British Columbia; the said land comprising an area of 1.81 hectares (18,100 square metres), more or less, and being more particularly shown on the drawing (revised March 2000) hereto annexed."

2. To amend the said Lease by striking out the Reddendum Clause on Page 2 of the said Lease and substituting therefore with the following Reddendum Clause:

"YIELDING and PAYING therefore, during the currency of this Lease, to the Lessor for the time being, in lawful money of Canada the following rent or sum,:

For the period commencing on the first day of April 2000 and ending on the thirty-first day of March 2005:

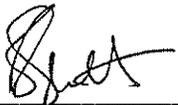
ONE THOUSAND THREE HUNDRED TWELVE DOLLARS AND TWENTY-FIVE CENTS (\$1,312.25) per annum, payable annually in advance, on the first day of April in each and every year, commencing on the first day of April 2000."

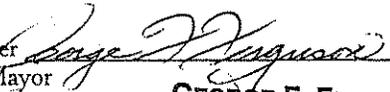
3. That all other conditions, covenants and provisos of the original agreement remain in effect.

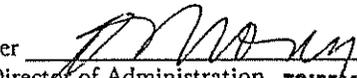
IN WITNESS WHEREOF the parties hereto duly authorized to execute this ADDENDUM NO.6 have signed accordingly.

Signed at Abbotsford, in the Province of British Columbia, this 14 day of July, 2000

THE CITY OF ABBOTSFORD


Witness **WILLIAM FLITTON**
A Commissioner for taking Affidavits
for British Columbia
32315 South Fraser Way
Abbotsford, B.C. V2T 1W7
Ph: 658-2281

Per 
Mayor **GEORGE F. FERGUSON**

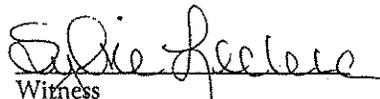
Per 
Director of Administration **TOIREASA O'HOGAIN STRONG**
DIRECTOR OF ADMINISTRATION

(as to the signature of Toireasa O'Hogain Strong only)

Signed at Ottawa, in the Province of Ontario, this 22nd day of June, 2000

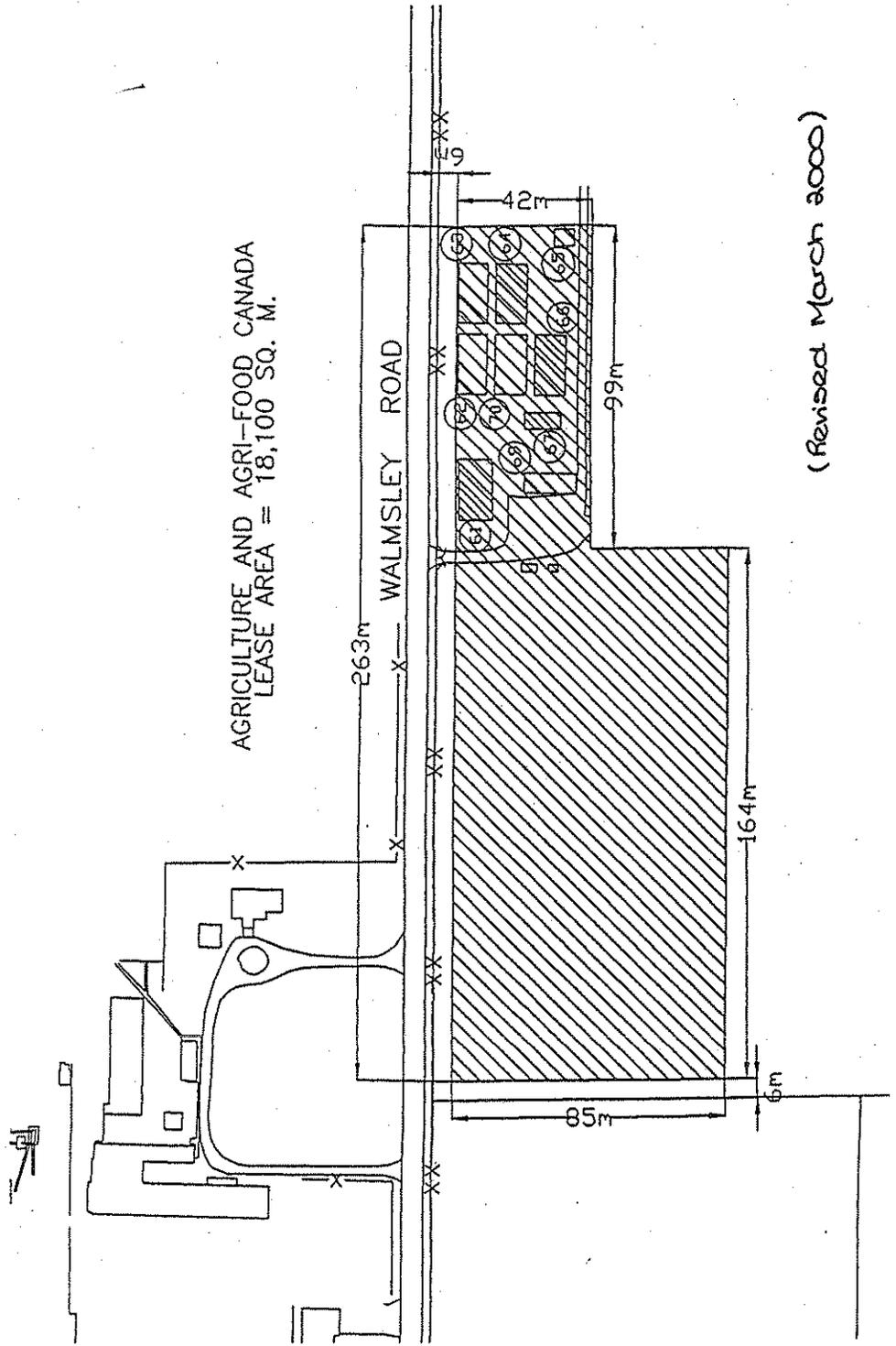
HER MAJESTY THE QUEEN IN RIGHT
OF CANADA as represented by
the Minister of Agriculture and Agri-Food

For and on behalf of
the Minister of Agriculture and Agri-Food and having
proper delegated authority in accordance with the
provisions of the Federal Real Property Act, S.C.
1991, c.50.


Witness

Per 
Corporate Manager - Real Property
Asset Management and Capital Planning
Corporate Services Branch
Agriculture and Agri-Food Canada

AGRICULTURE AND AGRI-FOOD CANADA
LEASE AREA = 18,100 SQ. M.



(Revised March 2000)



Transport
Canada

Airports
Group

Suite 620
800 Burrard Street
Vancouver, B.C.
V6Z 2J8

Transports
Canada

Groupe
des aéroports

800, rue Burrard
Bureau 620
Vancouver, C-B
V6Z 2J8

078
② MITZI
③ FILE 600-1-2

Your file / Votre référence

Our file / Notre référence

Registered Mail

TKC5163-P101-051

7 April 1995

Canada Agriculture
Research Station
6660 N.W. Marine Drive
VANCOUVER, B.C.
V6T 1X2

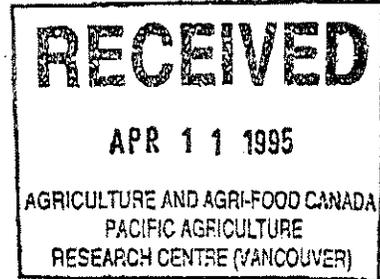
Dear Sirs:

**RE: SUPPLEMENTAL AGREEMENT TO LEASE PACIFIC 782 -
ABBOTSFORD AIRPORT**

Attached for your retention is a copy of the above-mentioned document executed on behalf of the Minister of Transport.

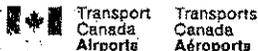
Yours truly,

Mary Mah
Superintendent, Lease Administration



cc: Robert Prud'homme (TKCP)
Mike Colmant (TKOH Abbotsford)

MM:wr



SUPPLEMENTAL AGREEMENT ENTENTE SUPPLÉMENTAIRE

AIRPORT - AÉROPORT Abbotsford	FILE NO. - N° DE DOSSIER TKC5163-P101-051	CONTROL NO. - N° DE CONTRÔLE
AMENDING THE FOLLOWING DOCUMENT - MODIFICATION DU DOCUMENT SUIVANT: <input checked="" type="checkbox"/> LEASE - BAIL <input type="checkbox"/> LICENCE - PERMIS <input type="checkbox"/> OTHER - AUTRE		EFFECTIVE DATE - DATE D'ENTRÉE EN VIGUEUR YEAR - ANNÉE MONTH - MOIS DAY - JOUR 1995 04 01
NO. <u>Pacific 782</u> Airport - Aéroport / Région - Région N° <u>93545</u> Headquarters - Administration Centrale		SUPPLEMENTAL AGREEMENT NO. - N° DE L'ENTENTE SUPPLÉMENTAIRE Amendment No. 5
AGREEMENT BETWEEN: <i>Her Majesty the Queen in right of Canada represented by the Minister of Transport</i> Regional Director General CO Suite 620 - 800 Burrard Street Vancouver, B.C. V6Z 2J8		ENTENTE ENTRE: <i>Se Majesté la Reine du Chef du Canada représentée par le Ministre des Transports</i> AND - ET
LEGAL NAME - NOM LÉGAL Canada Agriculture		
ADDRESS - ADRESSE Research Station 6660 N.W. Marine Drive Vancouver, B.C. V6T 1X2		TELEPHONE NO. (S) - N° (S) DE TELEPHONE
THE PARTIES AGREE AS FOLLOWS: - LES PARTIES CONVIENNENT DE CE QUI SUIVIT: 1. To amend Lease No. 93545 (PACIFIC 782) (herein called "the Lease") by striking out the Reddendum Clause on Page 2 of the Lease and substituting therefor with the following Reddendum Clause: "YIELDING and PAYING therefor, during the currency of this Lease, to the Lessor through the Honourable the Receiver General for Canada for the time being, in lawful money of Canada the following rent or sum, until changed pursuant to the provisions of Clauses 19 and 20 hereof: (1) For the period commencing on the first day of April 1995 and ending on the thirty-first day of March 2000: FOUR THOUSAND DOLLARS (\$4,000.00) per annum, payable annually in advance, on the first day of April each and every year, commencing on the first day of April 1995; (2) Without waiving any other right of action of the Lessor in the event of default of payment of rent hereunder, in the event that the Lessee is delinquent after the date above appointed in making the payments required hereunder, the Lessee shall pay interest thereon at the rate of 10.94 percent per annum (0.870 percent per month, compounded), retroactive from the date any such amount is due and payable until paid. In order to reflect prevailing interest rates, the Lessor may review and adjust the interest rate from time to time".		

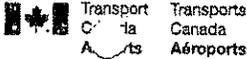
.../2

(Use attachment if space insufficient - Utiliser autre feuille si manque d'espace)

ALL OTHER CONDITIONS, COVENANTS AND PROVISOS OF THE ORIGINAL AGREEMENT REMAIN UNCHANGED
 TOUTES LES AUTRES CONDITIONS, STIPULATIONS ET DISPOSITIONS PRÉVUES À L'ENTENTE ORIGINALE DEMEURENT INCHANGÉES

IN WITNESS WHEREOF, the parties have executed this Supplemental Agreement EN FOI DE QUOI, les parties ont signés cette entente supplémentaire <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p><input checked="" type="checkbox"/> <u>Abbott</u> For the Lessee/Licensee - Pour le Locataire/Titulaire</p> <p><input checked="" type="checkbox"/> <u>Director ARC</u> Title - Titre</p> <p><u>[Signature]</u> For the Minister - Pour le Ministre REGIONAL DIRECTOR GENERAL Title - Titre</p> </div> <div style="width: 45%;"> <p><input checked="" type="checkbox"/> <u>[Signature]</u> Witness - Témoin</p> <p><input checked="" type="checkbox"/> <u>MARCH 30, 1995</u> Date</p> <p><u>[Signature]</u> Witness - Témoin</p> <p><u>April 6, 1995</u> Date</p> </div> </div>

- | | | |
|--|---|---|
| <input type="checkbox"/> ORIGINAL - Legal Registry | <input checked="" type="checkbox"/> DUPLICATE - Lessee/Licensee | <input type="checkbox"/> COPY - Airport |
| <input type="checkbox"/> ORIGINALE - Régistré légal | <input type="checkbox"/> DOUBLE - Locataire/Titulaire | <input type="checkbox"/> COPIE - Aéroport |
| <input type="checkbox"/> COPY - Headquarters | <input type="checkbox"/> COPY - Finance | <input type="checkbox"/> COPY - Region |
| <input type="checkbox"/> COPIE - Administration Centrale | <input type="checkbox"/> COPIE - Finance | <input type="checkbox"/> COPIE - Région |



LEASE - BAIL



LICENCE - PERMIS

AIRPORT - AÉROPORT	LEASE/LICENCE NO./N° DU BAIL/PERMIS	LEGAL NAME OF LESSEE/LICENSÉ NOM LÉGAL DU LOCATAIRE/TITULAIRE	EFFECTIVE DATE - DATE D'ENTRÉE EN VIGUEUR	FILE NO. - N° DE DOSSIER
Abbotsford	PR 782 (93545)	Canada Agriculture	95 04 01	TKC5163- P101-051

ADDITIONAL CONDITIONS - CONDITIONS ADDITIONNELLES

2. Amend the Lease by adding the following Clause No. 19 (DETERMINATION AND FIXING OF RENT), Clause No. 20 (ARBITRATION OF RENTAL DISPUTES) and Clause No. 23 (SALE OR OTHER DISPOSITION OF AIRPORT):

"19. DETERMINATION AND FIXING OF RENT

(1) In this Lease

"Market Rent" means the highest fixed annual rent estimated in terms of lawful money of Canada, which the said land would bring if offered for lease on the open market in Abbotsford, B.C. by a willing lessor, assuming for the purpose of such calculation that:

- (a) a reasonable time is permitted to find a willing lessee;
- (b) neither the lessor nor the lessee is acting under compulsion;
- (c) both the lessor and the lessee have full knowledge of the purpose for which the said land is or is to be utilized;
- (d) the purpose for which the said land is or is to be utilized represents the highest and best use thereof; and
- (e) the lessee shall be responsible for all costs, expenses, payments and expenditures so as to secure to the lessor a net rent free and clear from all deductions, abatement or set-off throughout the term.

"Appraiser" means a person who is experienced as an appraiser of real estate and is either established in such business or employed in the Public Service of Canada in such capacity.

"Revised Annual Rent" means the sum established pursuant to Clause 19 or 20, as the case may be.

"Market Rent Appraisal" means a written opinion of Market Rent obtained from an Appraiser.

"Rent Review Date" is the anniversary date of this Lease on which the Revised Annual Rent shall become effective as set out in subclause 19 (2).

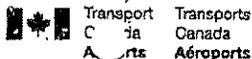
(2) Notwithstanding anything in this Lease contained, the Revised Annual Rent shall be fixed as of the first day of April 2000 and thereafter every five (5) years for the balance of the term of this Lease in the manner hereinafter set out.

.../3

X

For the Lessee/Licensee - Pour le Locataire/

For the Minister - Pour le Ministre



LEASE - BAIL LICENCE - PERMIS

AIRPORT - AÉROPORT Abbotsford	LEASE/LICENCE NO./N° DU BAIL/PERMIS PR 782 (93545)	LEGAL NAME OF LESSEE/LICENSÉ NOM LÉGAL DU LOCATAIRE/TITULAIRE Canada Agriculture	EFFECTIVE DATE - DATE D'ENTRÉE EN VIGUEUR 95 04 01	FILE NO. - N° DE DOSSIER TKC5163- P101-051
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ADDITIONAL CONDITIONS - CONDITIONS ADDITIONNELLES

- (3) (a) The Lessor shall give to the Lessee, at least two hundred and forty (240) days prior to the Rent Review Date, a notice of Revised Annual Rent ("Notice of Revised Annual Rent") which is to be effective upon such date and thereafter for the next five (5) years of the term of this Lease and, subject to subclause 19 (3)(b) and 19 (6), if no Notice of Revised Annual Rent is given, rent currently payable shall continue to be effective upon the Rent Review Date and thereafter for the next five (5) years of the term of this Lease.
- (b) Any failure to give such notice within the time stated herein shall not render void the right of the Lessor to require the determination of Revised Annual Rent as herein provided, such Rent to be paid and payable from and upon the date upon which such determination is made, and thereafter in accordance with the terms of this Lease.
- (4) The Revised Annual Rent set out in the Notice of Revised Annual Rent shall be effective on the Rent Review Date and thereafter for the next five (5) years of the term of this Lease unless, within the sixty (60) days next following the giving of such Notice, the Lessee disputes the Revised Annual Rent as therein set out in the manner prescribed in subclause 19 (5).
- (5) If the Lessor gives the Lessee a Notice of Revised Annual Rent, the Lessee may dispute such Revised Annual Rent as therein set out by, within the fifteen (15) days next following the giving of such Notice, advising the Lessor in writing of such intention to so dispute and by giving to the Lessor, within the forty-five (45) days next following such fifteen (15) day period, a statement of Market Rent supported by an attached Market Rent Appraisal ("Statement of Market Rent").
- (6) If the Lessor fails to give the Lessee a Notice of Revised Annual Rent pursuant to subclause 19 (3), the Lessee may, not less than one hundred and eighty (180) days prior to the Rent Review Date, give the Lessor a Statement of Market Rent supported by an attached Market Rent Appraisal.
- (7) If the Lessee fails to give to the Lessor a Statement of Market Rent pursuant to subclause 19 (5) or 19 (6), the Revised Annual Rent effective upon the Rent Review Date and thereafter for the next five (5) years of the term of this Lease shall be either:
 - (a) in the case of failure under subclause 19 (5), the rent set out in the Notice of Revised Annual Rent, or
 - (b) in the case of failure under subclause 19 (6), the rent currently payable under this Lease, subject to the rights of the Lessor under subclause 19 (3)(b).
- (8) If the Lessee gives the Lessor a Statement of Market Rent pursuant to subclause 19 (5) or 19 (6), the Market Rent therein set out shall be effective as the Revised Annual Rent on the Rent Review Date and thereafter for the next five (5) years of the term of this Lease unless, within the sixty (60) days next following the giving of the Lessee's Statement of Market Rent, the Lessor disputes the Market Rent as set out in the Lessee's Statement of Market Rent in the manner prescribed in subclause 19 (9).

.../4

X

[Signature]

For the Lessee/Licensee - Pour le Locataire/

[Signature]

For the Minister - Pour le Ministre



LEASE - BAIL LICENCE - PERMIS

AIRPORT - AÉROPORT Abbotsford	LEASE/LICENCE NO./N° DU BAIL/PERMIS PR 782 (93545)	LEGAL NAME OF LESSEE/LICENSÉE NOM LEGAL DU LOCATAIRE/TITULAIRE Canada Agriculture	EFFECTIVE DATE - DATE D'ENTRÉE EN VIGUEUR 95 04 01	FILE NO. - N° DE DOSSIER TKC5163- P101-051
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ADDITIONAL CONDITIONS - CONDITIONS ADDITIONNELLES

- (9) If the Lessee gives the Lessor a Statement of Market Rent pursuant to subclause 19 (5) or 19 (6), the Lessor may dispute such Market Rent as therein set out by, within the fifteen (15) days next following the giving of such Statement, advising the Lessee in writing of such intention to so dispute and by giving to the Lessee, within the forty-five (45) days next following such fifteen (15) day period, a Statement of Market Rent supported by an attached Market Rent Appraisal.
- (10) If the Lessor disputes the Lessee's Statement of Market Rent pursuant to subclause 19 (9), the parties shall, within the fifteen (15) days next following the giving of the Lessor's Statement of Market Rent to the Lessee, each appoint an Appraiser who shall meet with or otherwise contact an Appraiser appointed by the other party, which Appraisers shall agree upon a Market Rent within the thirty (30) days next following the later of the two appointments.
- (11) If either party fails to appoint an Appraiser pursuant to subclause 19 (10), the Revised Annual Rent, to be effective upon the Rent Review Date and thereafter for the next (5) years of the term of this Lease, shall be the Market Rent set out in the Statement of Market Rent given by the party not in default of such appointment.
- (12) If both parties fail to appoint an Appraiser pursuant to subclause 19 (10), the Revised Annual Rent, to be effective upon the Rent Review Date and thereafter for the next five (5) years of the term of this Lease, shall be the Market Rent set out in the Lessor's Statement of Market Rent given to the Lessee pursuant to subclause 19 (9).

20. **ARBITRATION OF RENTAL DISPUTES**

- (1) If the Appraisers appointed by the parties pursuant to subclause 19 (10) meet or otherwise contact each other and agree upon a Market Rent within the thirty (30) days next following the later of such appointments, the Market Rent so determined shall be established as the Revised Annual Rent to be effective upon the Rent Review Date and thereafter for the next five (5) years of the term of this Lease.
- (2) If the Appraisers appointed by the Parties pursuant to subclause 19 (10) fail to meet or otherwise contact each other within the thirty (30) days next following the later of such appointments, the Market Rent set out in the Lessor's Statement of Market Rent given to the Lessee pursuant to subclause 19 (9) shall be established as the Revised Annual Rent to be effective upon the Rent Review Date and thereafter for the next five (5) years of the term of this Lease.
- (3) If the Appraisers appointed by the Parties meet or otherwise contact each other within the thirty (30) days next following the later of such appointments but fail to agree upon a Market Rent, the Appraisers shall, within the fifteen (15) days next following such thirty (30) day period, agree upon and appoint a Third Appraiser ("Third Appraiser"), who shall act as arbitrator and shall determine a Market Rent based on the Market Rent Appraisals of the Appraisers referred to in subclause 19 (10) within the thirty (30) days next following such appointment.

.../5

X

[Signature]

For the Lessee/Licensee - Pour le Locataire/

[Signature]

For the Minister - Pour le Ministre



LEASE - BAIL LICENCE - PERMIS

AIRPORT - AEROPORT Abbotsford	LEASE/LICENCE NO. - N° DU BAIL/PERMIS PR 782 (93545)	LEGAL NAME OF LESSEE/LICENSEE NOM LEGAL DU LOCATAIRE/TITULAIRE Canada Agriculture	EFFECTIVE DATE - DATE D'ENTREE EN VIGUEUR 95 04 01	FILE NO. - N° DE DOSSIER TKC5163- P101-051
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ADDITIONAL CONDITIONS - CONDITIONS ADDITIONNELLES

- (4) If the Appraisers appointed by the Parties cannot agree upon a Market Rent and fail to appoint a Third Appraiser who accepts the assignment pursuant to subclause 20 (3), either party may, within the fifteen (15) day period allocated to the Appraisers for appointment of the Third Appraiser, request the President of the Appraisal Institute of Canada or its successor, or if that Institute or successor ceases to exist, some equivalent national Canadian Real Estate Appraisal Organization, within the fifteen (15) days next following such request, to appoint a Third Appraiser who shall determine a Market Rent within the thirty (30) days next following such appointment.
- (5) If the Third Appraiser is appointed pursuant to subclause 20 (3) or 20 (4), the Revised Annual Rent effective upon the Rent Review Date and thereafter for the next five (5) years of the term of this Lease shall be either the Market Rent as determined by the Third Appraiser or if the Third Appraiser fails to determine the Market Rent within the thirty (30) days next following his appointment, the Market Rent set out in the Lessor's Statement of Market Rent given to the Lessee pursuant to subclause 19 (9).
- (6) If the Third Appraiser is not appointed pursuant to subclause 20 (3) or 20 (4), the Revised Annual Rent effective upon the Rent Review Date and thereafter for the next five (5) years of the term of this Lease shall be the Market Rent set out in the Lessor's Statement of Market Rent given to the Lessee pursuant to subclause 19 (9).
- (7) Any and all fees for the selection of, and services rendered by, the Third Appraiser shall be payable equally between the Lessor and the Lessee.
- (8) Time is of the essence to the foregoing appraisal arbitration process.
- (9) If the Lessee refuses to pay the Revised Annual Rent as hereinbefore provided, this Lease may be cancelled and determined at any time by notice in writing signed by or on behalf of the Minister and either given to the Lessee or any officer of the Lessee or mailed addressed to the last known place of business or office of the Lessee at any of Her Majesty's Post Offices, and seven (7) days after the giving or mailing of such written notification, this Lease shall be determined and ended.

21. SALE OR OTHER DISPOSITION OF AIRPORT

In the event of a sale or other disposition by the Lessor of the Abbotsford Airport, of which the said land constitutes a part, the Lessee acknowledges that by operation of the law of British Columbia it shall be deemed to have attorned to the successor-in-interest of the Lessor, and shall, upon request attorn in writing to such successor-in-interest, and to the extent that the successor-in-interest assumes the covenants and obligations of the Lessor, the Lessee hereby releases the Lessor from all liability which may arise with respect to such covenants and obligations.

X

[Signature]

For the Lessee/Licensee - Pour le Locataire/

[Signature]
For the Minister - Pour le Ministre

99407

DUPLICATE

ORIGINAL

NO. Attach to 93545

DEPARTMENT OF TRANSPORT

SUPPLEMENTAL AGREEMENT

B E T W E E N

HER MAJESTY THE QUEEN

- and -

CANADA AGRICULTURE

Date of Authorization.....P.C. 1967-12/1070 June 1, 1967

Date of Supplemental Agreement.....*January 6, 1975*

Public Work Affected.....Airport Properties, Abbotsford Airport, B.C.

Description.....Amend Lease No. 93545 by adding 11 acres.

DEPARTMENTAL REFERENCE

FILE No. 5156-P101 (PAOM)

MEMORANDA

VR# 438

04-0005 (504)

100A	5
Doc# Box No. Doc. No.	
File Reference	
Entered by	Date

99407

THIS INDENTURE made this *6th* day of *January*,
One thousand nine hundred and ~~seventy-four~~ *five*;

BETWEEN -

HER MAJESTY THE QUEEN, represented herein by the
Minister of Transport, hereinafter called "the Lessor",
Of the First Part;

- and -

Canada Agriculture
Research Station
6660 N.W. Marine Drive
Vancouver, B.C.
hereinafter called "the Lessee",

Of the Second Part.

WITNESSETH that the Lessor and the Lessee hereby mutu-
ally covenant and agree, as follows:-

1. That the Lease dated the *tenth* day of *July*
1972, (bearing No. *93545* in the records of the Department of
Transport and hereinafter referred to as "the said Lease") granted
by the Lessor to the Lessee of -

ALL AND SINGULAR that certain parcel of land
situate, lying and being comprised in Abbotsford Air-
port at or in the vicinity of Abbotsford in the Prov-
ince of British Columbia; the said land comprising an
area of ten (10) acres, more or less, and being more
particularly shown shaded and outlined on Drawing No.
A1-L-219F, dated May 4, 1972, thereto annexed,

for a term or period of one (1) year commencing on the first day of April,
1972 and thereafter from year to year and as amended by Agreement supplem-
entary thereto dated June 11, 1973, all of which will by reference there-
to at length more fully appear,

W

further
is hereby amended effective the *first* day of *January*, 1975
as follows:-

- (a) By striking out the Description on page one (1) of the said Lease and substituting therefor the following Description:-

"ALL AND SINGULAR that certain parcel of land (hereinafter referred to as "the said land ") situate, lying and being comprised in Abbotsford Airport (hereinafter referred to as "the said airport") at or in the vicinity of Abbotsford in the Province of British Columbia; the said land comprising an area of twenty-one (21) acres, more or less and being more particularly shown on Drawing No. A1-L-219F, dated May 4, 1972, as revised March 30, 1973 and further revised October, 1974, hereto annexed."

- (b) By attaching to the said Lease, amended as aforesaid, the Drawing No. A1-L-219F, dated May 4, 1972, as revised March 30, 1973 and further revised October, 1974, attached hereto, in substitution for the Drawings previously attached to the said Lease.

- (c) By striking out the Redendum Clause on page two (2) of the said Lease and substituting therefor the following Redendum Clause:-

"YIELDING AND PAYING therefor invariably in advance during the currency of this Lease unto the Lessor, through the Honourable the Receiver General of Canada, for the time being, in lawful money of Canada, the rent or sums computed as follows:-

(a) for the term or period commencing on the first day of January, 1975, and ending March 31, 1975 the rent or sum of SIXTY-EIGHT DOLLARS AND SEVENTY-FIVE CENTS (\$68.75) payable in advance, on the first day of January, 1975,

(b) for the term or period commencing April 1, 1975 the rent or sum of FIVE HUNDRED AND THIRTY-SEVEN DOLLARS AND FIFTY CENTS (\$537.50) per annum, payable in advance on the first day of April in each and every year."

- (d) By adding to the said Lease the following Clause No. 18:-

"20. Pursuant to the provisions of the statutes in such case made and provided, no member of the House of Commons of Canada, shall be admitted to any share or part of this Lease or to any benefit to arise therefrom."

WJ

2. That all the terms, covenants, provisoes, agreements, conditions and reservations in the said Lease, as amended by this Supplemental Agreement, set out and provided, shall be and continue in force and effect, mutatis mutandis, between the parties hereto.

IN WITNESS WHEREOF the parties hereto have executed these Presents the day and year first above written.

SIGNED, SEALED AND DELIVERED)
by the Lessor in the presence of -)

Maucle Larault

[Signature]
for Minister of Transport

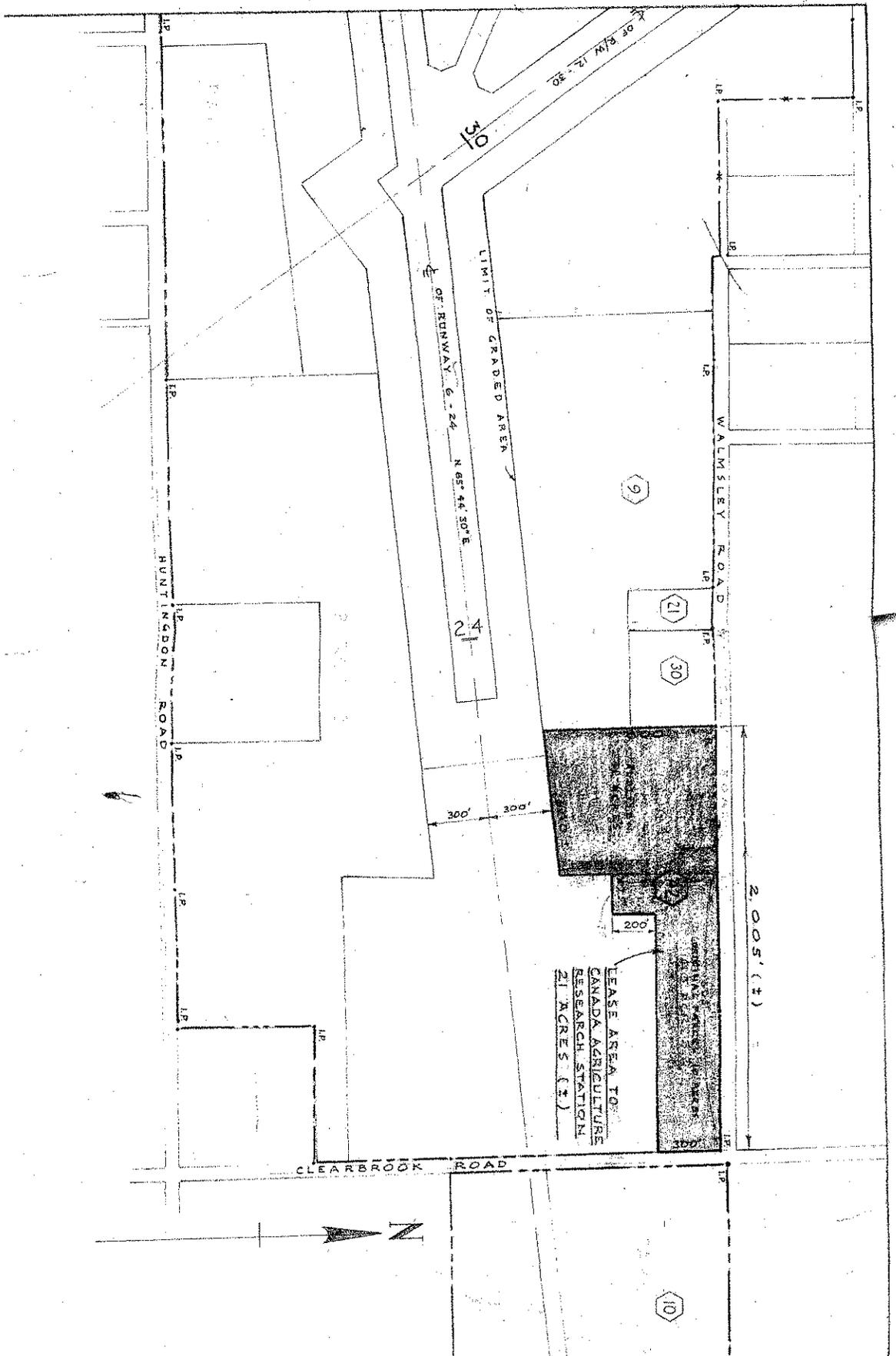
SIGNED, SEALED AND DELIVERED)
by the Lessee in the presence of -)

MMC Laballe

[Signature]

for
Deputy Minister of Agriculture

C. J. B.



LEASE AREA TO
CANADA AGRICULTURE
RESEARCH STATION
21 ACRES (±)

ORIGINAL PLAN OF 1958
REVISED 1961

CLEARBROOK ROAD

HUNT INGON ROAD

WALMSLEY ROAD

LIMIT OF GRADED AREA

W. OF RUNWAY 6-24
N 65° 44' 30\"/>

E. OF R/W 12-30

2,005' (±)

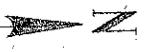
214

9

21

30

10



NO. **96149**

96149

DEPARTMENT OF TRANSPORT

SUPPLEMENTAL AGREEMENT

between

HER MAJESTY THE QUEEN

and

CANADA AGRICULTURE,

Date of Authorizing Order in Council P.C. 1967-12/1070 dated June 1, 1967

Date of Supplemental Agreement. *June 11, 1973*

Public Work Concerned.....Abbotsford, B.C.

Description.....Amending effective Dec. 1, 1972, Lease No. 93545
dated July 10, 1972.

DEPARTMENTAL REFERENCE

FILE NO. 5163 - P 101 - 19 Vol. 1

MEMORANDA

VR 361

100A	5
Deed Box No.	Doc. No.
141/9920/03-11	
File Reference	
Entered By <i>JL</i>	Date <i>10/7/72</i>

THIS INDENTURE made this *11th* day of *June*
One thousand nine hundred and **seventy-three**;

BETWEEN -

HER MAJESTY THE QUEEN, represented herein by the
Minister of Transport, hereinafter called "the Lessor",
Of the First Part;

- and -

**CANADA AGRICULTURE, Research Station,
6660 N.W. Marine Drive, Vancouver 8,
British Columbia,**

hereinafter called "the Lessee",

Of the Second Part.

WITNESSETH that the Lessor and the Lessee hereby mutu-
ally covenant and agree, as follows:-

1. That the Lease dated the **tenth** day of **July**,
1972, (bearing No. **93545** in the records of the Department of
Transport and hereinafter referred to as "the said Lease") granted
by the Lessor to the Lessee of -

**ALL AND SINGULAR that certain parcel of
land situate, lying and being comprised
in Abbotsford Airport at or in the vici-
nity of Abbotsford in the Province of
British Columbia; the said land comprising
an area of ten (10) acres, more or less,
and being more particularly shown shaded
and outlined on Drawing No. A1-L-219F,
dated May 4, 1972, thereto annexed,
for a term or period of one (1) year, commencing on the first
day of April, 1972, and thereafter from year to year, all of
which will by reference thereto at length and more fully
appear,**

WS

is hereby amended effective the **first** day of **December, 1972**,
as follows:-

(a) By striking out the description of the said land on page one of the said Lease and substituting therefor the following:-

"ALL AND SINGULAR that certain parcel or tract of land (hereinafter referred to as "the said land") situate, lying and being comprised in Abbotsford Airport (hereinafter referred to as "the said airport") at or in the vicinity of Abbotsford in the Province of British Columbia; the said land comprising an area of ten and five tenths (10.5) acres, more or less, and on the location shown shaded and outlined on the Drawing No. A1-L-219F, dated May 4, 1972, (Revised March 30, 1973) hereto annexed."

(b) By attaching to the said Lease the Drawing No. A1-L-219F, dated May 4, 1972, (Revised March 30, 1973) attached hereto in substitution for the Drawing attached to the said Lease.

(c) By striking out the Reddendum on page two of the said Lease and substituting therefor the following:-

"YIELDING AND PAYING therefor, invariably in advance, unto the Lesser, through the Honourable the Receiver General of Canada for the time being, for the term or period commencing on the first day of December, 1972, and ending on the thirty-first day of March, 1973, the rent or sum of FOUR DOLLARS AND FIFTY CENTS (\$4.50) of lawful money of Canada, and thereafter, in like manner, commencing on the first day of April, 1973, and during the currency of this Lease, the rent or sum of TWO HUNDRED AND SIXTY-TWO DOLLARS AND FIFTY CENTS (\$262.50) per annum."

(d) By adding to the said Lease as Clause No. 18 thereof, the following:-

"18. That the Lessee shall accede to and abide by any appropriate federal, provincial, territorial and/or municipal or local environmental protection statutes."

2. That all the terms, covenants, provisos, agreements, conditions and reservations set out and provided in the said Lease, as amended by this Supplemental Agreement shall be and continue in force and effect, mutatis mutandis, between the parties hereto.



IN WITNESS WHEREOF the parties hereto have executed these Presents the day and year first above written.

SIGNED, SEALED AND DELIVERED by the Lessor in the presence of -

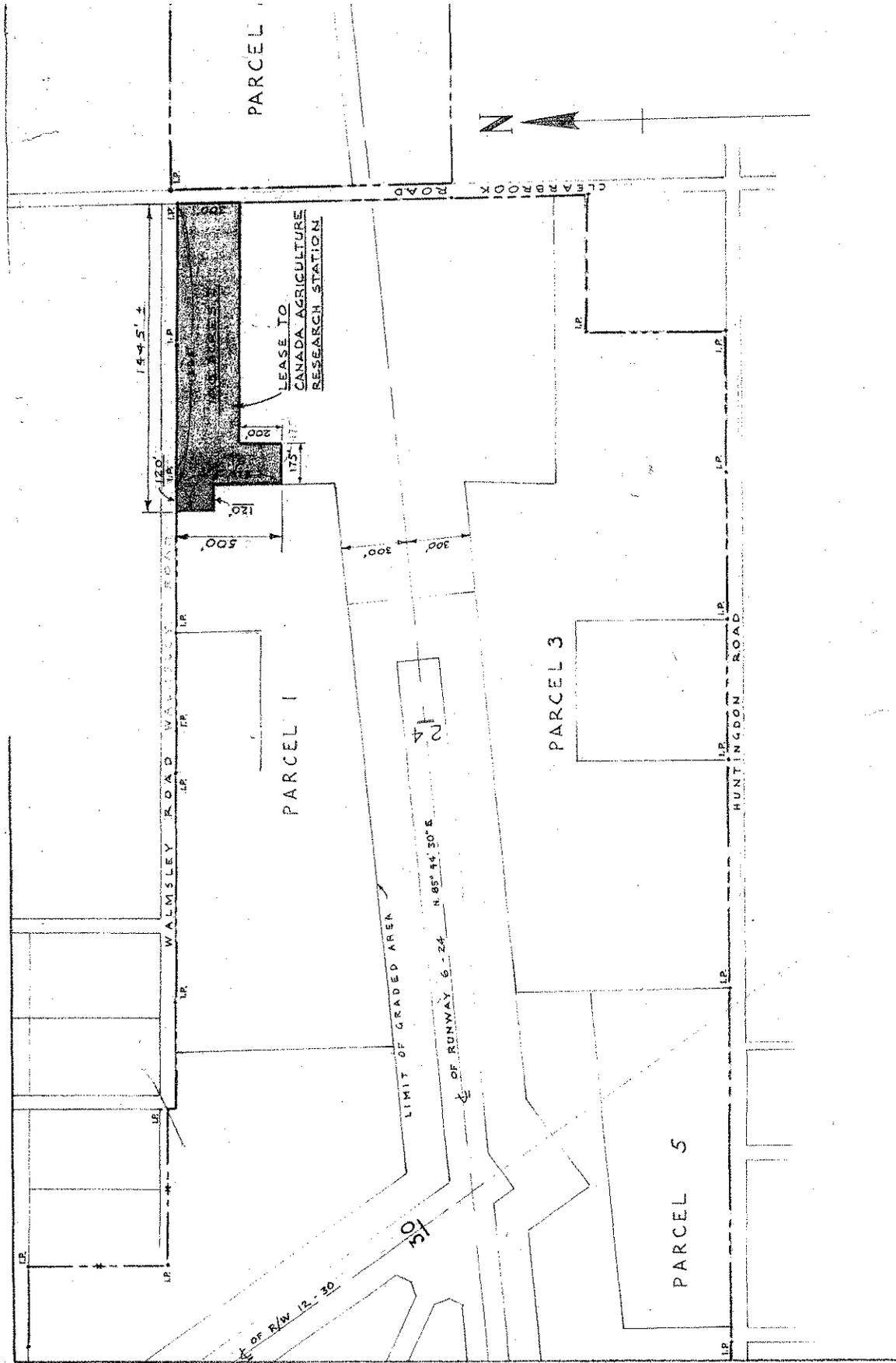
Maucelle Laroche

W.D. Gray
for Minister of Transport

SIGNED, SEALED AND DELIVERED by the Lessee in the presence of -

S. Saunders

L.C. Cadburn
for
Deputy Minister of Agriculture



93545

No. PACIFIC 782

DEPARTMENT OF TRANSPORT

LEASE
HER MAJESTY THE QUEEN

TO

CANADA AGRICULTURE, Research Station,
6660 N.W. Marine Drive, Vancouver 8, British Columbia.

93545

Date of Authorizing Order in Council P.C. 1967-12/1070 dated June 1, 1967.

Date of Lease July 10/72.

Public Work Affected Airports & Properties - ABBOTSFORD AIRPORT, B.C.

Lands or Rights Demised Parcel of land 10 acres, more or less, for cultivation of strawberries and other ground crops for research purposes.

Beginning of Term April 1, 1972

End of Term Pleasure - 30 days notice.

Rental: Payable \$250.00 per annum in advance.

Departmental Reference File No. 5163-P101 (PAOS) 5163-807-19 Vol. 1.

MEMORANDA

Abbotsford VR# 331

100A 5
 Deed Box No. Doc. No.
 141/9920/03-4
 File Reference
 Entered by [Signature] Date 21/7/72

This Indenture MADE THIS *10th*. DAY OF *July*.

one thousand nine hundred and **seventy-two**,

Between -

HER MAJESTY THE QUEEN, represented herein by the Minister of Transport, acting under the provisions of Chapter 79 of The Revised Statutes of Canada, 1952, and of the 35th section of the Expropriation Act, and under the Authority of an Order in Council dated the

First day of **June**,

A.D., 19**57**, hereinafter called "the Lessor",

Of the First Part;

-and-

CANADA AGRICULTURE,
Research Station,
6660 N.W. Marine Drive,
Vancouver 8, British Columbia,

hereinafter called "the Lessee",

Of the Second Part.

Witnesseth that the Lessor, in consideration of the rents, covenants, provisoes and conditions hereinafter reserved and contained, hath demised and leased, and, by these presents, doth demise and lease unto the Lessee:

ALL AND SINGULAR that certain parcel of land (hereinafter referred to as "the said land") situate, lying and being comprised in Abbotsford Airport (hereinafter referred to as "the said airport") at or in the vicinity of ABBOTSFORD in the Province of British Columbia; the said land comprising an area of ten (10) acres, more or less, and being more particularly shown shaded and outlined on Drawing No. A1-L-219F, dated May 4, 1972, hereto annexed.

26.26.

TO HAVE and TO HOLD the said land unto the Lessee, from and after the **first**
 day of **April** one thousand nine hundred and **seventy-two**,
 for a term or period of **one (1) year** and thereafter from
 year to year.

YIELDING and PAYING therefor **invariably in advance**, during the
 currency of this Lease, unto the Lessor through the Honourable
 the Receiver General of Canada for the time being, in lawful
 money of Canada, the rent or sum of **TWO HUNDRED AND FIFTY DOLLARS**
 (\$250.00) per annum, payable on the first day of April in each
 and every year, commencing April 1, 1972.

It is agreed that the word "Lessor" when used herein shall mean the Sovereign and shall include the Successors and Assigns of the Sovereign; the word "Lessee" or other words relative thereto, or of like import, shall mean and include, irrespective of gender or number, the party or parties of the second part as above designated or described, and their or any of their executors, administrators, successors or assigns; the word "Minister" shall mean the person holding the position, or acting in the capacity, of the Minister of Transport, for the time being, and shall include the person holding the position, or acting in the capacity, of the Deputy Minister of Transport, for the time being; the words

- - **Director** - - , shall mean the **Pacific Regional Director, Canadian Air Transportation Administration**
 for the time being, of the Department of Transport of Canada, or such person duly appointed to act in that behalf.

And further agreed by and between the said parties hereto that these Presents are made and executed upon and subject to the covenants, provisos, conditions and reservations hereinafter set forth and contained, and that the same and every of them, representing and expressing the exact intention of the parties, are to be strictly observed, performed and complied with, namely:-

1. That the Lessee will pay all rental herein reserved at the time and in the manner in these Presents set forth, without any abatement or deduction whatever.
2. That the Lessee will pay or cause to be paid all rates, taxes and assessments, of whatsoever description, that may at any time during the existence of these Presents be lawfully imposed, or become due and payable, upon, or in respect of the said land, or any part thereof.
3. That the Lessee shall in all respects abide by and comply with all lawful rules, regulations and by-laws of municipalities and other governing bodies, in any manner affecting the said land.
4. That the Lessee shall not make any assignment of these Presents, nor any transfer or sub-lease of any of the lands, rights or privileges demised or leased hereunder, without obtaining the consent in writing of the Minister to such assignment, transfer or sub-lease, which consent shall not be unreasonably withheld.

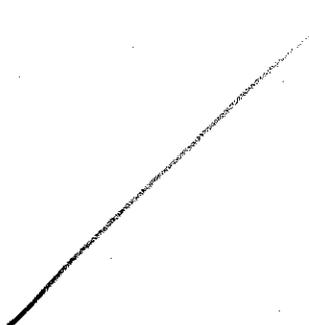
11. 21.

forthwith remove from the said land all supplies, articles, equipment, materials, effects and things at any time brought or placed thereon by the Lessee, and shall also, to the satisfaction of the Minister, repair all and every damage and injury occasioned to the lands and premises of the Lessor by reason of such removal or in the performance thereof, but the Lessee shall not, by reason of any action taken or things performed or required under this clause, be entitled to any compensation whatever, ~~except compensation as in clause No. 12 hereof provided~~; Provided that, unless required by the Minister, no goods, chattels, materials, effects or things shall be removed from the premises of the Lessor until all rent due or to become due under this Lease is fully paid.

17. That if the rent above reserved, or any part thereof, shall be in arrear, or unpaid for thirty days next after any of the days or times hereinbefore appointed for the payment thereof, whether or not the same shall have been in any manner demanded, or in case default, breach or non-observance be made or suffered by the Lessee at any time or times, in, or in respect of any of the covenants, provisoes, conditions and reservations herein contained, which on the part of the Lessee ought to be observed or performed, then, and in every such case, it shall be lawful for the Lessor, Her servants or agents, to re-enter and thereafter to have, possess and enjoy the said land and all improvements thereon.

And no acceptance of rent subsequent to any breach or default, other than non-payment of rent, nor any condoning, excusing or overlooking by the Lessor on previous occasions of breaches or defaults similar to that for which re-entry is made shall be taken to operate as a waiver of this condition nor in any way to defeat or affect the rights of the Lessor hereunder.

12. That if this Lease is terminated by the Lessor pursuant to Clause No. 16 hereof, the Lessee shall not, by reason of such termination, be entitled to any compensation for any crops which may be destroyed or which cannot be harvested.



IN WITNESS WHEREOF the parties hereto have executed these Presents the day and year first above written.

SIGNED, SEALED AND DELIVERED
by the Lessor in the presence of-

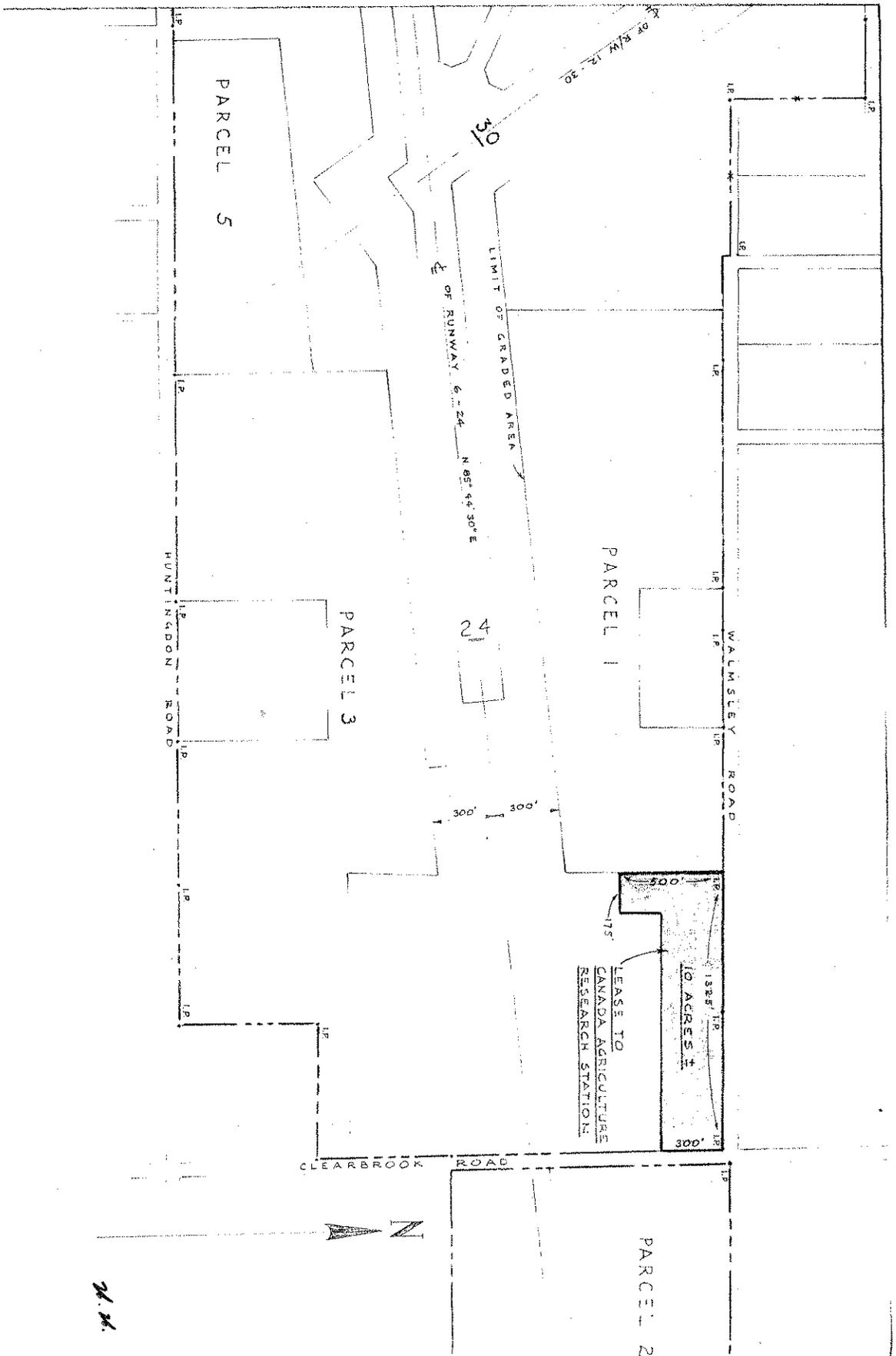
H. Whitmarsh
for Minister of Transport



SIGNED, SEALED AND DELIVERED
by the Lessee in the presence of-

Jean B Thomas

Deputy Minister of Agriculture



26.26.



Branch - Section / Direction générale - Section

LDU No. / N° de l'ERT

~~465-2-7/P9025/3~~
Date revised / Date de révision

Research
Site Name / Nom du lieu

5911014267

March 9, 1992

Experimental Sub-Station
Date (Purchase - Lease / achat - location) Total (Acres - Hectares - m²)

16555 Doc. 001
Site Location / Emplacement du lieu

**Experimental Sub-Station
3 miles South of Abbotsford
Abbotsford, British Columbia**

July 16, 1945

18.87 acres / 7.6 ha

Acquisition Cost / Coût d'achat

Former Owner / Propriétaire précédent

Owned
Possession de la couronne

Transfer

Department of Transport

Leased Direct
Loué directement

Letting
Cession à bail

Date expiry / Date d'échéance

Rental Cost / Coût du loyer

Lessor - Lessee / Bailleur - Locataire

Related Building Inventory Records
Dossier relié à l'inventaire du bâtiment

Related Misc. Agreement Records
Dossier d'accord divers

Survey Plan Reference No. / N° du plan d'arpentage

5211

Authority and Registration Reference / Référence et autorisation

Certificate of Title #188696E dated July 16, 1945, registered in New Westminster on July 17, 1945.

Description and Purpose of Property / Description et but du terrain

That piece of land situated in the municipality of Matsquis, described as Lot 60 of the NW 1/4 of Section 5, Township 16, District of New Westminster. Approx. 3 miles South West of Abbotsford.

Remarks / Remarques

Land Sold / Terrain vendu



From Certificate No. 182475E

No. 188696E

This Certificate of Indefeasible Title is void as against the title of any person adversely in actual possession of and rightly entitled to the hereditaments included in same at the time of the application upon which this Certificate was granted, and he continues in possession, and is subject to--

- a.) The subsisting exceptions or reservations contained in the original grant from the Crown:
b.) Any Dominion or Provincial tax, rate, or assessment at the date of the application for registration imposed or made a lien or which may thereafter be imposed or made a lien on the land:
c.) Any municipal charge, rate, or assessment at the date of the application for registration imposed or which may thereafter be imposed on the land, or which had theretofore been imposed for local improvements or otherwise and which was not then due and payable, including any charge, rate, or assessment imposed by any public corporate body having taxing powers over an area in which the land is situated:
d.) Any lease, or agreement for lease, for a period not exceeding three years, where there is actual occupation under the same:
e.) Any public highway or right-of-way, water-course, or right of water, or other public easement:
f.) Any right of expropriation by Statute:
g.) Any lis pendens or mechanic's lien, judgment, caveat, or other charge, or any assignment for the benefit of creditors or receiving order or authorized assignment under the "Bankruptcy Act," registered since the date of the application for registration:
h.) Any condition, exception, reservation, charge, lien, or interest noted or endorsed hereon:
i.) The right of any person to show that the whole or any portion of the land is by wrong description of boundaries or parcels improperly included in this certificate:
j.) The right of any person to show fraud, wherein the registered owner or wherein the person from or through whom the registered owner derived his right or title otherwise than bona fide for value has participated in any degree.

Certificate of Indefeasible Title

Date of Application for registration, the Twenty-fifth day of June, 1945

Register, Vol. 188696E

This is to certify that HIS MAJESTY THE KING IN THE RIGHT OF THE DOMINION OF CANADA

is absolutely and indefeasibly entitled in fee-simple, subject to such charges, liens, and interests as are notified by endorsement hereon, and subject to the conditions, exceptions, and reservations set out hereon, to

that piece of land situate in the Municipality of Matsqui and Province of British Columbia, and more particularly known and described as:--

Lot Sixty (60) of the North West Quarter of Section Five (5) Township Sixteen (16) Map Five Thousand Two Hundred and Eleven (5211)

in the District of New Westminster

THE FOLLOWING PIECES OF LAND HAVE BEEN TRANSFERRED:

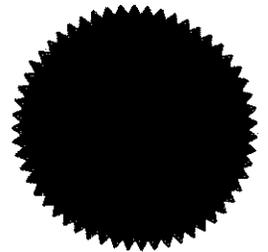
Table with 2 columns: Land, Cert. No.

In witness whereof I have hereunto set my hand and seal of office at New Westminster, British Columbia, this 18th day of July 1945

[Signature]

[over.]

Registrar.





465-2-7/P9030/3

Branch - Section / Direction générale - Section		LDU No. / N° de l'ERT	Date revised / Date de révision
Research Site Name / Nom du lieu		5909032267 16479 Doc.001	March 9, 1992
Date (Purchase - Lease / achat - location)	Total (Acres - Hectares - m ²)	Site Location / Emplacement du lieu	
May 2, 1889	98.68 a / 39.9 92.36 acres / 37.4 ha	Research Station Highway #7 Agassiz, British Columbia	
<input checked="" type="checkbox"/> Owned Possession de la couronne	Acquisition Cost / Coût d'achat \$4,504.00	Former Owner / Propriétaire précédent Mary Caroline Agassiz	
<input type="checkbox"/> Leased Direct Loué directement	<input type="checkbox"/> Letting Cession à bail	Date expiry / Date d'échéance	Rental Cost / Coût du loyer
Lessor - Lessee / Bailleur - Locataire			
Related Building Inventory Records Dossier relié à l'inventaire du bâtiment		Related Misc. Agreement Records Dossier d'accord divers	Survey Plan Reference No. / N° du plan d'arpentage BC2559 ?
Authority and Registration Reference / Référence et autorisation Deed document #D2748 dated May 2, 1889. Deed of encumbrances #276776 dated March 20, 1969. Absolute Title 12-301-4093A assumed date of April 9, 1889. (no copy on file - see letter dated January 27, 1969.)			
Description and Purpose of Property / Description et but du terrain All that portion of land situated in Township 3 rd , Range 28, W6M, New Westminster and forming part of the land known on District official Yale-Lytton District as Lot 19, Group 1. Including all mines and minerals. 101.1 a Lot 30 Group 1. (no title at 450.) 190.4 a			
Remarks / Remarques 0.344 acres was transferred to the RCMP under P.C. #1964-2/1432 dated September 17, 1964 and was transferred back to Agriculture Canada by Justice under P.C. #1974-945 dated April 23, 1974.			
Land Sold / Terrain vendu 0.375 a (LOT 16) 6.7 acres was transferred to the Prov. of British Columbia under P.C. #1977-1/3327 dated November 24, 1977. 1.04 acres was transferred to the RCMP under P.C. #1981-1737 dated June 25, 1981. (LOT 19)			

141/9030/03-11

ADDRESS ALL COMMUNICATIONS TO
THE REGISTRAR

IN YOUR FILE BY
PLEASE REFER TO Mr. J. Small
FILE NO. 806



LAND REGISTRY OFFICE
New Westminster, B.C.
January 27, 1969

Canada Department of Agriculture
Parliament Buildings
Ottawa 3, Canada

Attention: L.R. Radburn, Esq.
Property and Buildings
Management

Re: Agassiz Research Station

Dear Sir:

I am in receipt of your letter of January 7, 1969, enclosing copy of conveyance dated 2 May 1889.

The enclosed conveyance was registered in this office on 9th April, 1889 and an Absolute Title issued under 12-301-4093A.

A Certificate of Indefeasible Title has not been issued for the land described in the conveyance.

Yours truly,

C.J.S. Farrand,
Registrar.

Per: *uff*

WJS/mah
encs.

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141/9030/03-11
30/1/69
LWH

Land Registry Ordinance 1870
FOR MAKER OF A DEED.

Log 402 (2-1)

I HEREBY CERTIFY that

Mary Caroline Aganiz

personally known to me, appeared before me, acknowledged to me that *she is* the person mentioned in the annexed Instrument as the maker thereof, and whose name *is* — subscribed thereto as part *y* — that *she* knows the contents thereof, and that *she* — executed the same voluntarily.

Draft of Deed of Land below this

In testimony whereof I have hereto set my Hand and Seal of Office at *Aganiz* this *second* day of *May* in the year of Our Lord One Thousand Eight Hundred and Eighty-*nine*

L.A. Aganiz J.P. (seal)

Deed 2-11
Box
69403

THIS INSTRUMENT made the ^{9th} day of May A.D. 1889

BETWEEN Mary Caroline Agassiz of New Westminster District in the Province of British Columbia, Widow, of the late Lewis Mann Agassiz of the one part and Her Most Gracious Majesty Queen Victoria of the other part

WHEREAS by deed bearing date the 27th day of November 1888 and made between William Charles and the Venerable Charles Thomas Woods who are thereafter referred to as the said Trustees of the one part and Her said Majesty of the other part

After reciting that by deed bearing date the 18th day of May 1875 the lands thereby conveyed or expressed or intended so to be were conveyed by the said Lewis Mann Agassiz to the said Trustees And reciting that the Honourable the Minister of

Agriculture of the Dominion of Canada for and in the name of Her said Majesty had required and taken the lands thereby conveyed or expressed or intended so to be for the purposes of

an Experimental Farm and had contracted with the said Trustees for the purchase thereof for the sum of \$4504.50 being at the rate of \$45.00 per acre, and that it had been agreed by him and the said Trustees that he in exercise of the power him in that behalf enabling should acquire title to the said land under the

Expropriation Act, IT WAS WITNESSED that the said Trustees did thereby for the consideration therein mentioned grant release and surrender unto Her said Majesty Her Heirs and Successors

all and singular the lands hereditaments and premises herein after described and hereby ^{conveyed or otherwise} assured or expressed or intended so to be

AND WHEREAS the said Mary Caroline Agassiz is desirous



2-11-30
11-30
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that the purchase of the said land by the Crown should be completed without further delay and at the request of the said Minister has agreed to execute these presents for the purpose of assuring unto the Crown all her right title and interest in the said land

NOW THIS INSTRUMENT WITNESSETH that in pursuance of the said agreement and in consideration of the premises and of the sum of \$1.00 to the said Mary Caroline Agassiz in land paid by the said Minister on behalf of Her said Majesty, the receipt whereof is hereby acknowledged, She the said Mary Caroline Agassiz doth hereby grant release and surrender unto Her said Majesty Her Heirs and Successors ALL the estate right title and interest of Her the said Mary Caroline Agassiz of in and to ALL and singular that certain piece or parcel of land situate in Township 30 New Westminster District in the Province of British Columbia and forming that part of the land known on the Official map of Yale-Lytton District as Lot 19 (nineteen) Group I (one) which may be described as follows:-
Starting from original post at North West corner of Lot No. 36 Group I (one) thence running South 49 11 East (true) for 35.92 chains to a new post on the Western boundary of Lot 36, being the North East corner of the parcel of land, being portion of the said Lot 19 hereby conveyed or intended so to be, thence running South 41 02 West (true) for 25.52 chains to a new post on the line of the Harrison Hot Springs Road, being the North West corner of the parcel of land hereby conveyed or intended so to be, thence running South 49 25 East (true) along line of Harrison Hot Springs Road for 22.01 chains to a new post on line of wire fence defining the Canadian Pacific Railway

69403

property, being the South West corner of the said parcel of land thence running South 86 18 East (true) along line of railway fence for 15.65 chains, thence running South 5 42 West (true) along line of railway fence for 1.51 chains, thence South 86 18 East (true) along line of railway fence for 16.25 chains to a new post at South West corner of the said parcel of land, thence running North 41 02 East (true) along old line for 8.88 chains to original post at South West corner of Lot 36, and thence North Westerly along Western boundary of Lot 36 for 49.04 chains to the aforesaid new post at North East corner of the said parcel of land and containing one hundred and one tenth acres more or less, Together with the mines and minerals thereunder belonging to the said Trustees and all ways and ^{let or} ~~rights~~ rights of way and watercourses rights easements and appurtenances to the said premises belonging or held or enjoyed therewith, And she the said Mary Caroline Agassiz doth hereby for herself her heirs executors and administrators covenant with Her said Majesty Her heirs and successors and assigns that she the said Mary Caroline Agassiz has not done omitted or knowingly suffered or been party or privy to anything whereby the said premises hereinbefore expressed to be hereby granted or any of them or any part thereof are is or may be impeached affected or incumbered in title estate or otherwise howsoever or whereby she is in anywise hindered from granting the same premises in favour aforesaid, And further that she and her heirs will at the cost of the person or persons requiring the same execute and do all such further assurances and things for further or better securing all or any of the said hereditaments

69403

and premises to the use of Her Majesty Her Heirs and Successors
or assigns as shall be reasonably advised devised or required

IN WITNESS WHEREOF the said parties hereto have hereunto
set their hands and seals the ~~year~~ day and year first above
written.

Signed sealed and delivered

by

in the presence of :-

} "Mary Caroline Gassie" (S)

"John A. Brown"

Da Dated 23/11/88 1889.

Mary Caroline Agassiz

_____ to _____

Her Majesty Queen Victoria

[Signature]

C O N V E Y A N C E
of land for Experimental Farm

Drake, Jackson & Helmcken

File 69403

Branch - Section / Direction générale - Section Research		LDU No. / N° de l'ERT 16479 Doc. 002	Date revised / Date de révision December 8, 1992
Site Name / Nom du lieu Research Station		Site Location / Emplacement du lieu Research Station Highway #7 Agassiz, British Columbia	
Date (Purchase - Lease / achat - location) January 9, 1942	Total (Acres - Hectares - m ²) 55.46 22.4 61.79 acres/25 ha	Acquisition Cost / Coût d'achat <input type="checkbox"/> Owned Possession de la couronne 5,000.00\$	
<input type="checkbox"/> Leased Direct Loué directement		<input type="checkbox"/> Letting Cession à bail	
Lessor - Lessee / Bailleur - Locataire		Former Owner / Propriétaire précédent Lewis A. Agassiz	Date expiry / Date d'échéance
Related Building Inventory Records Dossier relié à l'inventaire du bâtiment		Related Misc. Agreement Records Dossier d'accord divers 002	Rental Cost / Coût du loyer
Survey Plan Reference No. / N° du plan d'arpentage #1 and 2984			
Authority and Registration Reference / Référence et autorisation P.C. #9198 dated November 26, 1941. Deed Document dated December 20, 1941. Certificate of Encumbrances dated January 13, 1942. Certificate of Tittle #148134E registered January 9, 1942 at the New Westminster Registry.			
Description and Purpose of Property / Description et but du terrain That parcel of land in the Municipality of Kent, described as part of Lot #49, Group 1, District of New Westminster in Township 3, Range 28, W6M, buildings included.			
Remarks / Remarques 12.81 6.481 acres was transferred to the Province of British Columbia under P.C. #1977-1/3327 dated November 24, 1977.			
Land Sold / Terrain vendu			

ABBREVIATIONS:
M. = Mortgage in fee.
R.P. = Right to purchase.
S.R.P. = Sub-right to purchase.
L.P. = Lis pendens.
L. = Lease.
R.C. = Restrictive Covenant.

Charges, Liens, and Interests.

FO
R/W. 7

LAND.	Nature of Charge.	No.	Date of Application.	Time.	OWNER OF CHARGE.	Value or Amount.	PARTICULARS, TERM, RATE, etc.	RELEASES.		Regis
								No.	Date.	
against B.C.E.R. right of way Plan 14678 inter alia	M.	3429	8/54	9:30 AM	Leollies, Maclean Mills Limited	\$1061.03.				
INTER PL/R part on A/W Plan 14678	L.P.	1752741	10/31	3:30 PM	FRANK L. FRELAND and COLLINS-MACKEN MILLS LIMITED	VS.	ALBERT DOUGLAS and BRITISH COLUMBIA ELECTRIC COMPANY LIMITED D. 1-10-54			
INTER ALIA	E.+L.C.	1965270	7/75	3:24 P.M.	BRITISH COLUMBIA ELECTRIC COMPANY LIMITED		EASEMENT + R.C. d. 8-3-55			
Inter alia	S.T.D. + Mfg.	193870	10/25	12:03 P.M.	Montreal Trust Company Ltd. see 104897C etc		Supp to 104897C d. 1-12-55			
Inter alia	S.T.D. + Mfg.	1952470	6/24	1:58 P.M.	Montreal Trust Company	\$50,000.00	4 1/2% d. 1-2-56 B.C.E.			
Inter alia	M.	2122470	10/27	12:40	Montreal Trust Company In just see 104897C and 2122470	\$40,000.00	Int 5% being supplemental to 104897C			
Inter alia	M.	222970	10/24	11:57	Montreal Trust Company In just see 104897C and 222970C	\$50,000.00	Int. 5 1/2% being supplemental to 104897C			
Inter alia	M.	257462C	10/25	1:01	Montreal Trust Company In just see 104897C and 257462C	\$30,000.00	Int. 5 1/2% being supplemental to 104897C			
Inter alia	M.	282438C	11/20	3:08	Montreal Trust Company In just see 104897C and 282438C	\$30,000.00	Int 6 1/2% being supplemental to 104897C			
Inter alia	M.	301058C	10/25	1:08	Montreal Trust Company In just see 104897C and 301058C	\$15,000.00	Int. 5 3/4% being supplemental to 104897C			
Plan 31025 Inter alia	A/W	D82994	10/27	11:37	British Columbia Hydro and Power Authority					

2-2
BOX
DEED

THIS INDENTURE made the Twentieth day of December, in the year of our Lord one thousand nine hundred and forty-one.

IN PURSUANCE OF THE "SHORT FORM OF DEEDS ACT"

BETWEEN:

JACK MILTON STREIGHT, as Official Administrator, of the Estate of Lewis A. Agassiz, "In Trust" filing No. 23399.

(hereinafter called the "GRANTOR")

AND:

HIS MAJESTY THE KING IN THE RIGHT OF CANADA.

(hereinafter called the "GRANTEE")

WITNESSETH that, in consideration of the sum of Five thousand.....(\$5000.00).....Dollars of the lawful money of Canada now paid by the said Grantee to the said Grantor (the receipt whereof is hereby by him acknowledged) he, the said Grantor, DOETH GRANT unto the said Grantee, his heirs and assigns FOREVER:

ALL AND SINGULAR that certain parcel or tract of land and premises situate, lying and being in the Municipality of Kent, in the Province of British Columbia and more particularly known and described as Part 68.27 acres more or less of Lot 49, Group 1 as shewn and outlined Red on sketch deposited No. 2984, in the District of New Westminster.

TOGETHER with all buildings, fixtures, commons, ways, profits, privileges, rights, easements and appurtenances to the said hereditaments belonging, or with the same or any part thereof, held or enjoyed, or appurtenant thereto; and the estate, right, title, interest, property, claim and demand of him, the said Grantor, in, to, or upon the said premises.

TO HAVE AND TO HOLD unto the said Grantee, his heirs and assigns, to and for his and their sole and only use forever; SUBJECT NEVERTHELESS to the reservations, limitations, provisos and conditions express in the original grant thereof from the Crown.

THE said Grantor Covenants with the said Grantee that he has the right to convey the said lands to the said Grantee, notwithstanding any act of the said Grantor and that the said Grantee shall have quiet possession of the said lands, free from all encumbrances.

AND the said Grantor Covenants with the said Grantee that he will execute such further assurances of the said lands as may be requisite.

AND the said Grantor Covenants with the said Grantee that he has done no acts to encumber the said lands.

AND the said Grantor RELEASES to the said Grantee ALL HIS CLAIMS upon the said lands.

WHEREVER the singular or masculine is used throughout this Indenture, the same shall be construed as meaning the plural or the feminine or body corporate or politic where the context or the parties hereto so require.

IN WITNESS WHEREOF the said parties hereto have hereunto set their hands and seals on the date first above mentioned.

SIGNED, SEALED and DELIVERED)
IN THE PRESENCE OF

"A. W. Petapiece"
113 Columbia St.
New Westminster B.C.
Solicitor } "J. M. Streight"

FOR MAKER

I HEREBY CERTIFY that, on the 22nd day of December, 1941, at New Westminster, in the Province of British Columbia, JACK MILTON STREIGHT, who is personally known to me, appeared before me and acknowledged to me that he is the person mentioned in the annexed instrument as the maker thereof, and whose name is subscribed thereto as party, that he knows the contents thereof, and that he executed the same voluntarily, and is of the full age of twenty-one years.

IN TESTIMONY WHEREOF I have hereunto set my Hand and Seal of Office, at New Westminster, in the Province of British Columbia, this 22nd day of December, in the year of our Lord one thousand nine hundred and forty-one.

(Notary Public)
Seal "A. W. Petapiece"
A NOTARY PUBLIC IN AND FOR PROVINCE OF
BRITISH COLUMBIA.



465-2-7/P9030/3

Branch - Section / Direction générale - Section		LDU No. / N° de l'ERT	Date revised / Date de révision
Research		5909032267	April 27, 1992
Site Name / Nom du lieu		16479 Doc.003	
Research Station		Research Station Highway #7 Agassiz, British Columbia	
Date (Purchase - Lease / achat - location)	Total (Acres - Hectares - m ²)	Former Owner / Propriétaire précédent	
August 3, 1954	1063.8 acres/430.5 ha	Department of Interior	
<input type="checkbox"/> Owned Possession de la couronne	Transfer	Date expiry / Date d'échéance	Rental Cost / Coût du loyer
<input type="checkbox"/> Leased Direct Loué directement	<input type="checkbox"/> Letting Cession à bail		
Lessor - Lessee / Bailleur - Locataire			
Related Building Inventory Records Dossier relié à l'inventaire du bâtiment		Related Misc. Agreement Records Dossier d'accord divers	Survey Plan Reference No. / N° du plan d'arpentage
		001 and 002	Plan A and BC434
Authority and Registration Reference / Référence et autorisation			
P.C. #277 dated February 4, 1890. P.C. #1441 dated May 15, 1893. P.C. #8394 dated October 28, 1941. Certificate of Titles #329741E dated August 3, 1954, registered in New Westminster.			
Description and Purpose of Property / Description et but du terrain			
<p><u>Firstly:</u> Portion of the NW 1/4 of Sect. 29. (161.9 acres more or less).</p> <p><u>Secondly:</u> Portions of the E 1/2 of the NW 1/4 of Sect. 30. (142.2 acres more or less).</p> <p><u>Thirdly:</u> Portion of Sect. 31. (636.9 acres more or less)</p> <p><u>Fourthly:</u> Portion of the SW 1/4 of Sect. 32. (122.8 acres more or less).</p> <p><u>Fifthly:</u> Portion of legal subdivision 12 of Sect. 32.</p> <p>All being in Twp 3, Rge 28, W6M, West of Maria Slough.</p>			
Remarks / Remarques			
Land Sold / Terrain vendu			
<p>875 acres was transferred to the Department of Indian Affairs and Northern Development, effective on January 1, 1969 under the letter of transfer dated July 18, 1972.</p> <p>875 acres was retransferred to Agr. Can. from <i>lines a Resources</i> under P.C. #1981-1737 dated June 25, 1981.</p>			

ABBREVIATIONS:
 M.=Mortgage in fee.
 R.P.=Right to purchase.
 S.E.P.=Sub-right to purchase.
 L.P.=Life pendens.
 L.=Lease.
 R.C.=Restrictive Covenant.

"For

R/W-
 E.H.C.

CHARGES, LIENS, AND INTEREST

LAND	Nature of Charge	No.	Date of Application	Time	OWNER OF CHARGE	Value or Amount	PARTICULARS, TERM, RATE, ETC.	RELEASES	
								No.	Date
West B.C.E. St. Way in 14678 (inter alia)	M.L.	3439	9 9 54	7:30 PM	Bellini - Mackay Mills Limited	\$1061.03			
INTER ALIA to show on R/W in 14678 of plans 307-31	L.P.	175276	1 2 54	3:30 PM	FRANK L. FAYE AND and COLLINS-MACKAY MILLS LIMITED	vs.	ALBERT DANIELS and BRITISH COLUMBIA ELECTRIC COMPANY LIMITED D. 1-10-54		
INTER ALIA to show on R/W in 14678 of plans 307-31	E.V.C.	182576	7 7 55	3:04 PM	BRITISH COLUMBIA P.M. ELECTRIC COMPANY LIMITED		dated 8-3-55		
of 1/2 of 1/4 of 6.30 of 1/2 of 1/4 of 31 M. of E.	STD. +	194897	2 2 55	12:03 PM	Montreal Trust Company P.M. Trust		Supp. to 104897C d. 1-12-55		
INTER ALIA					see D.D. 104897C etc				
" " " "	STD. +	195976	6 2 56	1:58 PM	Montreal Trust Company P.M.	\$20,000.00	4 1/2% d. 1-2-56 B.C.E.		
INTER ALIA									
"INTER ALIA"	M.	212047	10 2 57	12:40 PM	Montreal Trust Company P.M. Trust see 104897C and 212047C	\$40,000.00	Int 5 1/2% being supplemental to 104897C		
INTER ALIA	M.	229976	2 1 58	11:29 AM	Montreal Trust Company P.M. Trust see 104897C and 229976C	\$50,000.00	Int 5 1/2% being supplemental to 104897C		
"INTER ALIA"	M.	257462	2 3 59	1:01 PM	Montreal Trust Company P.M. Trust see 104897C and 257462C	\$30,000.00	Int 5 1/2% being supplemental to 104897C		
"INTER ALIA"	M.	282438C	4 4 60	3:08 PM	Montreal Trust Company P.M. Trust see 104897C and 282438C	\$30,000.00	Int 6 1/2% being supplemental to 104897C		
"INTER ALIA"	M.	301058C	2 5 61	1:08 PM	Montreal Trust Company P.M. Trust see 104897C and 301058C	\$15,000.00	Int 5 1/2% being supplemental to 104897C		
of 1/4 of 1/4 of 29 R/W part of 1/4 of 1/4 of 32 Plan 310-23		582994	11 12 68	11:37 AM	British Columbia Hydro and Power Authority				
INTER ALIA									

W.C.G.
 1000

E-6

Ranch - Section / Direction générale - Section

LDU No. / N° de l'ERT

465-2-7/P9030/3
Date revised / Date de révision

~~Research~~
Site Name / Nom du lieu

5909032267
16479 Doc 004
Site Location / Emplacement du lieu

April 28, 1992

~~Research Station~~
Date (Purchase - Lease / achat - location)

Total (Acres - Hectares - m²)

Research Station
Highway #7
Agassiz, British Columbia

November 16, 1956 423.4 acres / 171.2 ha

Acquisition Cost / Coût d'achat

Former Owner / Propriétaire précédent

Owned
Possession de la couronne

\$55 000.00

Charles Cleveland Cunningham

Leased Direct
Loué directement

Letting
Cession à bail

Date expiry / Date d'échéance

Rental Cost / Coût du loyer

Lessor - Lessee / Bailleur - Locataire

Related Building Inventory Records
Dossier relié à l'inventaire du bâtiment

Related Misc. Agreement Records
Dossier d'accord divers

Survey Plan Reference No. / N° du plan d'arpentage

Plan A

Authority and Registration Reference / Référence et autorisation

P.C. #1956-9/389 dated March 15, 1956. Certificate of Titles #377655E, #377656E, #377657E registered on November 16, 1956 in New Westminster.

Description and Purpose of Property / Description et but du terrain

Firstly: All that portion of Legal Subdivision 13 in Sect 32, Twp 3 and all that portion of the South 10 chains of the fractional SW 1/4 of Sect 5, Twp 4.
Secondly: Fractional Legal Subdivision 1 and 2 of Sect 7, Twp 4.
Thirdly: Lot 39, Group 1, Yale Division of Yale District. Lot 536, Group 1. All those portions of Legal Subdivision 9 and 15 of Sect 6, Twp 4. All that portion of the fractional SW 1/4 of Sect 5, Twp 4. All those portions of Legal Subdivision 12 and 13 of Sect 5, Twp 4.

All in Rge 28, W6M, West of Maria Slough.

Remarks / Remarques

FYI: Treasury Board Minutes #497939.

including doc # 007. See dead doc for more info.

Land Sold / Terrain vendu



465-2-7/P9030/3

Branch - Section / Direction générale - Section		LDU No. / N° de l'ERT	Date revised / Date de révision
Research		5909032267	April 28, 1992
Site Name / Nom du lieu		Site Location / Emplacement du lieu	
Research Station		Research Station Highway #7 Agassiz, British Columbia	
Date (Purchase - Lease / achat - location)	Total (Acres - Hectares - m ²)	Former Owner / Propriétaire précédent	
December 13, 1976	4.0 acres/1.6 ha	Corporation of the District of Kent	
<input type="checkbox"/> Owned Possession de la couronne	Acquisition Cost / Coût d'achat	Date expiry / Date d'échéance	Rental Cost / Coût du loyer
	\$500.00		
<input type="checkbox"/> Leased Direct Loué directement	<input type="checkbox"/> Letting Cession à bail		
Lessor - Lessee / Bailleur - Locataire			
Related Building Inventory Records Dossier relié à l'inventaire du bâtiment		Related Misc. Agreement Records Dossier d'accord divers	Survey Plan Reference No. / N° du plan d'arpentage
		002, 006	Plan 36038
Authority and Registration Reference / Référence et autorisation			
<i>Indefinite</i> Certificate of Titles #M116131E dated December 13, 1976. Deed document #VP96609 dated November 18, 1976. Certificate of encumbrances #533502 dated December 21, 1976. <i>of Land</i>			
Description and Purpose of Property / Description et but du terrain			
Lots #16, 17 and 18 of District Lot #49, Group 1, located on Green Mountain, adjacent to and Northeast of Agassiz, in the Yale Division of Yale District, Municipality of Kent.			
Remarks / Remarques			
Land Sold / Terrain vendu			



2-4

From Certificate No. 277077E 33304DE



No. 377655R

P. 91, 93, 7557

Certificate of Indefeasible Title is void as to the title of any person adversely in actual possession of and rightly entitled to the land...

Certificate of Indefeasible Title

Date of application for registration, the 16th day of November, 1956

Register, Vol. 1483

This is to certify that HER MAJESTY THE QUEEN IN RIGHT OF CANADA

is absolutely and indefeasibly entitled in fee-simple, subject to such charges, liens, and interests as are notified by endorsement hereon, and subject to the conditions, exceptions, and reservations set out hereon, to those pieces of land situate in the Municipality of Kent and Province of British Columbia, and more particularly known and described as:-

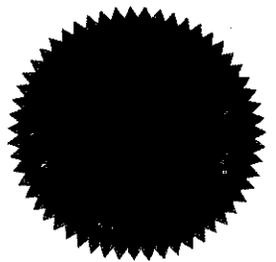
- Lot Thirty-nine (39) Group One (1) Yale Division of Yale District
Lot Five Hundred and Thirty-six (536) Group One (1)
All those portions of Legal Subdivisions Nine (9) and Fifteen (15) of Section Six (6) Township Four (4) Range Twenty-eight (28) West of the Sixth Meridian...

Table with 2 columns: LAND, CERT. NO. Header: FOLLOWING PIECES OF LAND HAVE BEEN TRANSFERRED:

In witness whereof I have hereunto set my hand and seal of office at New Westminster, British Columbia, this 16th day of November, 1956

(OVER)

Registrar signature



ABBREVIATIONS:
 M. = Mortgage in fee.
 R.P. = Right to purchase.
 S.R.P. = Sub-right to purchase.
 L.P. = Lis pendens.
 L. = Lease.
 R.C. = Restrictive Covenant.

CHARGES, LIENS, AND INTEREST

* 1000-486-9079 (4)

FOR OTHER ABBREVIATIONS
FILL IN HERE

deed
1904

LAND	Nature of Charge	No.	Date of Appl. cation	Time	OWNER OF CHARGE	Value or Amount	PARTICULARS THERE, RATE, ETC.	RELEASES	Date	Registrar's Signature or Release
Lot 39 Inter Alia	R.W.	156572C	20-3-53	3:00 P.M.	British Columbia Electric Company Limited		Right-of-way over portion on R.W. plan 12807 together with ancillary rights over balance d. 26-2-53			
Lot 39 Inter Alia	M.	104897C	2-1-47		Montreal Trust Company in Trust D.D. 104897C, etc.		Being a Mortgage of Inter Alia #156572C from British Columbia Electric Company Limited by way of Trust Deed. For Supplemental Trust Deeds see 112237C, 116292C, 120066C, 121901C, 124325C, 129325C, 135645C, 143215C, 145777C, 148208C, 151963C, 153360C, 162227C, 173531C, 178045C, 193881C.			

(See 110781C, 114486C, 120834C, 128920C, 140339C, 143796C, 153870C, 166444C, 185434C, 195247C, 203420C.)



LAND REGISTRY ACT
(FORM F, SECTION 143)

Title No. ~~M116131E~~

Register Vol. _____

From Title No. ~~673451E~~

CERTIFICATE OF INDEFEASIBLE TITLE

Land Registry Office, ~~New Westminster~~, British Columbia.

~~This is to certify~~ that the undermentioned registered owner in fee-simple is absolutely and indefeasibly entitled in fee-simple, subject to such charges, liens, and interests as are notified by endorsement hereon, and subject to the conditions, exceptions, and reservations set out hereon, to the land situated in the Province of British Columbia, and more particularly described below.

Registered owner in fee-simple: Application for registration received _____ December 3rd, 1976 _____

HER MAJESTY THE QUEEN IN RIGHT OF CANADA

Description of land: (See back hereof for transfers (if any) of the land or a part thereof).

Municipality of Kent

Lots 16, 17 and 18 of District Lot 49 Group 1
Plan 36038 Yale Division of Yale District

CHARGES, LIENS, AND INTERESTS*

Nature of Charge; Number; Date and Time of Application	Registered Owner of Charge	Remarks
RW E59020-3.9.69 14:37	British Columbia Hydro and Power Authority	Part Lot 16 Plan 36039

In witness whereof I have hereunto set my hand and the seal of my office aforesaid, this _____ 13th day of

December, 19 76

R. L. Buchford
Deputy Registrar.

* Each endorsement affects all the land described herein, unless otherwise indicated in "Remarks" column.—See back hereof for abbreviations, etc.

This certificate of indefeasible title is void as against the title of any person adversely in actual possession of and rightly entitled to the land included in same at the time of the application upon which this certificate was granted, and who continues in possession, and is subject to

- (a) the subsisting exceptions or reservations contained in the original grant from the Crown;
- (b) any Dominion or Provincial tax, rate, or assessment at the date of the application for registration imposed or made a lien or which may thereafter be imposed or made a lien on the land;
- (c) any municipal charge, rate, or assessment at the date of the application for registration imposed or which may thereafter be imposed on the land, or which had theretofore been imposed for local improvements or otherwise and which was not then due and payable, including any charge, rate, or assessment imposed by any public corporate body having taxing powers over an area in which the land is situate;
- (d) any lease, or agreement for lease, for a period not exceeding three years, where there is actual occupation under the same;
- (e) any public highway or right-of-way, watercourse or right of water, or other public easement;
- (f) any right of expropriation by Statute;
- (g) any lis pendens or mechanics' lien, judgment, caveat, or other charge, or any assignment for the benefit of creditors or receiving order or assignment under the *Bankruptcy Act*, registered since the date of the application for registration;
- (h) any condition, exception, reservation, charge, lien, or interest noted or endorsed hereon;
- (i) the right of any person to show that the whole or any portion of the land is by wrong description of boundaries or parcels improperly included in this certificate;
- (j) the right of any person to show fraud, wherein the registered owner or wherein the person from or through whom the registered owner derived his right or title otherwise than bona fide for value has participated in any degree;
- (k) any restrictive condition, right of reverter, or obligation imposed on the land by the *Forest Act* when noted and endorsed hereon.

THIS CERTIFICATE MAY BE AFFECTED BY THE LAND ACT AMENDMENT ACT, 1961 (see S.B.C. 1970, Chapter 17).

The following parcels have been transferred:—

Land	To Certificate No.

ABBREVIATIONS:

CML = Claim of mechanics' lien.
 CVT = Caveat.
 E = Easement.
 J = Judgment.
 L = Lease.

LP = Lis pendens.
 M = Mortgage.
 OP = Option to purchase.
 RC = Restrictive covenant.
 RFR = Right of first refusal.

RP = Right to purchase.
 RW = Right-of-way.
 SRP = Sub-right to purchase.
 TSN = Tax Sale Notice.
 U = Undersurface rights.



Agriculture and
Agri-Food
Canada

Agriculture et
Agroalimentaire
Canada

**LAND INVENTORY
RECORD**

**FICHE D'INVENTAIRE
DU TERRAIN**

File No. / N° du dossier

465-2-7/P9030/3

Branch - Section / Direction générale - Section Research		LDU No. / N° de l'ERT 16479	Date Revised / Date de révision 2003/10/28
Site Name / Nom du lieu Research Farm		Site Location / Emplacement du lieu Hwy 7 Agassiz, British Columbia	
Date (Purchase-Lease / Achat-location)	Total (Acres / Hectares / m ²) 190.4 ac / 77.05 ha		
<input checked="" type="radio"/> Owned Possession de la couronne	Acquisition Cost / Coût d'achat	Former Owner / Propriétaire précédent Lewis Nunn Agassiz ?	
<input type="radio"/> Leased Direct Loué directement	<input type="radio"/> Letting Cession à bail	Date Expiry / Date d'échéance	Rental Cost / Coût du loyer
Lessor - Lessee / Bailleur - Locataire			
Related Building Inventory Records Dossier relié à l'inventaire du bâtiment	Related Misc. Agreement Records Dossier d'accord divers	Survey Plan Reference No. / N° du plan d'arpentage	
Authority and Registration Reference / N° d'inscription et autorisation Absolute Certificate of Title No. 3843A, vol 12-folio 228			
Description and Purpose of Property / Description et but du terrain All that portion of land known as District Lot 36, Twp 30, Yale Division of Yale District containing approximately 190.4 acres more or less.			
Remarks / Remarques			
Land Sold / Terrain vendu			

The information is being collected by Agriculture and Agri-Food Canada for the purpose of summarizing departmental land, leases and lettings. Some information may be accessible or protected as required under the provisions of the Access to Information Act.

Les renseignements sont recueillis par Agriculture et Agroalimentaire Canada afin de résumer les données du ministère sur les terres, les baux et les cessions à bail. Certains renseignements peuvent être accessibles ou protégés selon ce que prescrit la Loi sur l'accès à l'information.



CERTIFICATE OF ENCUMBRANCES



THE GOVERNMENT OF
THE PROVINCE OF BRITISH COLUMBIA

(Section 252)

LAND REGISTRY OFFICE

New Westminster, B.C.

I HEREBY CERTIFY that, at 8.30 a.m. on 20th day of March 1969, the following is the state of the title to District Lot 36 Township 3~~X~~ Yale Division of Yale District

2 /
Dead Box No. Doc. No.
141/9030/03-11
File Reference
Entered by Date
25/6/69

Registered owner ^{under Absolute} in fee simple under Certificate of Title No. 3843A, Vol. 12-Folio 228

HER MAJESTY THE QUEEN IN RIGHT OF CANADA

Endorsements on register:

- 3429 8th September, 1954 Mechanic's Lien in favour of Collins-Macken Mills Ltd. for \$1061.03 Inter Alia (as to British Columbia Electric Right of Way Plan 14678)
- 175291C 1st October, 1954 Lis Pendens to Frank L. Freeland and Collins-Macken Mills vs. Albert Douglas and British Columbia Electric Company Limited Inter Alia (as to British Columbia Electric Right of Way Plan 14678)
- 186529C 7th July, 1955 Right of Way to British Columbia Electric Company Limited
- 104897C 2nd January, 1947 Mortgage to Montreal Trust Company "In Trust" D.D. 104897C, etc. Mortgage of Right of Way 186529C. For Supplemental Trust Deeds see 110781C, 114486C, 120834C, 128920C, 140339C, 143796C, 153870C, 166444C, 185434C, 195247C, 212247C, 229970C, 257462C, 282438C, 301058C. Inter Alia

Judgments: None

Pending applications received: None

This certificate is to be read subject to the provisions of section 38 of the Land Registry Act and the Land Act Amendment Act, 1961.

To: Dept. of Agriculture

Registrar advised the disposition of the absolute title is unobscured.

Deputy Registrar

APPENDIX II

AERIAL PHOTOGRAPHS (AGASSIZ AND ABBOTSFORD)

CADD FILE: O:\Active\#2003-4\2003\1412\03-1412-127 AAFC Phase 1s\Abbotsford\AIRPHOTOS.dwg

REVISION DATE: 04/03/11 9:31am By: bdrozdiak



PROJECT		AGRICULTURE & AGRI-FOOD CANADA PHASE I & II ESA			
TITLE		AERIAL PHOTOGRAPH - ABBOTSFORD			
		PROJECT No.	03-1412-127	FILE No.	AIRPHOTOS
DESIGN				SCALE	NTS REV. -
CADD	BAD		11MAR04	FIGURE 1940	
CHECK					
REVIEW					



CADD FILE: O:\Active\#2003-4\2003\1412\03-1412-127 AAF Phase 1s\Abbotsford\AIRPHOTOS.dwg

REVISION DATE: 04/03/11 9:31am By: bdrozdiak



PROJECT		AGRICULTURE & AGRI-FOOD CANADA PHASE I & II ESA			
TITLE		AERIAL PHOTOGRAPH - ABBOTSFORD			
		PROJECT No.	03-1412-127	FILE No.	AIRPHOTOS
DESIGN				SCALE	NTS REV. -
CADD	BAD		11MAR04	FIGURE 1949	
CHECK					
REVIEW					



CADD FILE: O:\Active\#2003-4\2003\1412\03-1412-127 A AFC Phase 1s\Abbotsford\AIRPHOTOS.dwg

REVISION DATE: 04/03/11 9:31am By: bdrozdiak



PROJECT		AGRICULTURE & AGRI-FOOD CANADA PHASE I & II ESA	
TITLE		AERIAL PHOTOGRAPH WALMSLEY RESEARCH FARM	
PROJECT No. 03-1412-127		FILE No. AIRPHOTOS	
DESIGN		SCALE	NTS REV. -
CADD	BAD 11MAR04	FIGURE 1963	
CHECK			
REVIEW			



CADD FILE: O:\Active\#2003-4\2003\1412\03-1412-127 AAF Phase 1s\Abbotsford\AIRPHOTOS.dwg

REVISION DATE: 04/03/11 9:31am By: bdrozdiak



PROJECT		AGRICULTURE & AGRI-FOOD CANADA PHASE I & II ESA	
TITLE		AERIAL PHOTOGRAPH CLEARBROOK RESEARCH FARM	
PROJECT No. 03-1412-127		FILE No. AIRPHOTOS	
DESIGN		SCALE	NTS REV. -
CADD	BAD 11MAR04	FIGURE 1963	
CHECK			
REVIEW			



CADD FILE: O:\Active\#2003-4\2003\1412\03-1412-127 AAFC Phase 1s\Abbotsford\AIRPHOTOS.dwg

REVISION DATE: 04/03/11 9:31am By: bdrozdiak



PROJECT		AGRICULTURE & AGRI-FOOD CANADA PHASE I & II ESA	
TITLE		AERIAL PHOTOGRAPH WALMSLEY RESEARCH FARM	
PROJECT No. 03-1412-127		FILE No.	AIRPHOTOS
DESIGN		SCALE	NTS REV. -
CADD	BAD 11MAR04	FIGURE 1974	
CHECK			
REVIEW			



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REVISION DATE: 04/03/11 9:31am By: bdrozdiak



PROJECT		AGRICULTURE & AGRI-FOOD CANADA PHASE I & II ESA	
TITLE		AERIAL PHOTOGRAPH CLEARBROOK RESEARCH FARM	
PROJECT No. 03-1412-127		FILE No. AIRPHOTOS	
DESIGN		SCALE	NTS REV. -
CADD	BAD 11MAR04	FIGURE 1974	
CHECK			
REVIEW			



CADD FILE: O:\Active\#2003-4\2003\1412\03-1412-127 AAFC Phase 1s\Abbotsford\AIRPHOTOS.dwg

REVISION DATE: 04/03/11 9:31am By: bdrozdiak



PROJECT		AGRICULTURE & AGRI-FOOD CANADA PHASE I & II ESA	
TITLE		AERIAL PHOTOGRAPH - ABBOTSFORD	
PROJECT No. 03-1412-127		FILE No. AIRPHOTOS	
DESIGN		SCALE	NTS REV. -
CADD	BAD 11MAR04	FIGURE 1979	
CHECK			
REVIEW			



CADD FILE: O:\Active\#2003-4\2003\1412\03-1412-127 AAF Phase 1s\Abbotsford\AIRPHOTOS.dwg

REVISION DATE: 04/03/11 9:31am By: bdrozdiak



PROJECT		AGRICULTURE & AGRI-FOOD CANADA PHASE I & II ESA	
TITLE		AERIAL PHOTOGRAPH - ABBOTSFORD	
PROJECT No. 03-1412-127		FILE No. AIRPHOTOS	
DESIGN		SCALE	NTS REV. -
CADD	BAD 11MAR04	FIGURE 1988	
CHECK			
REVIEW			



CADD FILE: O:\Active\#2003-4\2003\1412\03-1412-127 A AFC Phase 1s\Abbotsford\AIRPHOTOS.dwg

REVISION DATE: 04/03/11 9:31am By: bdrozdiak



PROJECT		AGRICULTURE & AGRI-FOOD CANADA PHASE I & II ESA	
TITLE		AERIAL PHOTOGRAPH - ABBOTSFORD	
PROJECT No. 03-1412-127		FILE No. AIRPHOTOS	
DESIGN		SCALE	NTS REV. -
CADD	BAD 11MAR04	FIGURE 1994	
CHECK			
REVIEW			



CADD FILE: O:\Active\#2003-4\2003\1412\03-1412-127 AAF Phase 1s\Agassiz Site\AIRPHOTOS.dwg

REVISION DATE: 04/03/10 3:29pm By: bdrozdiak



PROJECT		AGRICULTURE & AGRI-FOOD CANADA PHASE I & II ESA	
TITLE		AERIAL PHOTOGRAPH - AGASSIZ FARM 1	
PROJECT No. 03-1412-127		FILE No. AIRPHOTOS	
DESIGN		SCALE	NTS REV. -
CADD	BAD 11MAR04	FIGURE 1949	
CHECK			
REVIEW			



CADD FILE: O:\Active\#2003-4\2003\1412\03-1412-127 AAFC Phase 1s\Agassiz Site\AIRPHOTOS.dwg

REVISION DATE: 04/03/10 3:29pm By: bdrozdiak



PROJECT

AGRICULTURE & AGRI-FOOD CANADA
PHASE I & II ESA

TITLE

AERIAL PHOTOGRAPH - AGASSIZ FARM 1



PROJECT No. 03-1412-127			FILE No. AIRPHOTOS		
DESIGN			SCALE	NTS	REV. -
CADD	BAD	11MAR04	FIGURE 1954		
CHECK					
REVIEW					

CADD FILE: O:\Active\#2003-4\2003\1412\03-1412-127 AAF Phase 1s\Agassiz Site\AIRPHOTOS.dwg

REVISION DATE: 04/03/10 3:29pm By: bdrozdiak



PROJECT		AGRICULTURE & AGRI-FOOD CANADA PHASE I & II ESA	
TITLE		AERIAL PHOTOGRAPH - AGASSIZ FARM 1	
PROJECT No. 03-1412-127		FILE No. AIRPHOTOS	
DESIGN		SCALE	NTS REV. -
CADD	BAD 11MAR04	FIGURE 1963	
CHECK			
REVIEW			



CADD FILE: O:\Active\#2003-4\2003\1412\03-1412-127 AAFC Phase 1s\Agassiz Site\AIRPHOTOS.dwg

REVISION DATE: 04/03/10 3:29pm By: bdrozdiak



PROJECT

AGRICULTURE & AGRI-FOOD CANADA
PHASE I & II ESA

TITLE

AERIAL PHOTOGRAPH - AGASSIZ FARM 2



PROJECT No.	03-1412-127	FILE No.	AIRPHOTOS
DESIGN		SCALE	NTS REV. -
CADD	BAD 11MAR04	FIGURE 1963	
CHECK			
REVIEW			

CADD FILE: O:\Active\#2003-4\2003\1412\03-1412-127 A AFC Phase 1s\Agassiz Site\AIRPHOTOS.dwg

REVISION DATE: 04/03/10 3:29pm By: bdrozdiak



PROJECT				AGRICULTURE & AGRI-FOOD CANADA PHASE I & II ESA			
TITLE				AERIAL PHOTOGRAPH - AGASSIZ FARMS 1&2			
PROJECT No.		03-1412-127		FILE No.		AIRPHOTOS	
DESIGN				SCALE	NTS	REV.	-
CADD	BAD		11MAR04	FIGURE 1971			
CHECK							
REVIEW							



CADD FILE: O:\Active\#2003-4\2003\1412\03-1412-127 AAFC Phase 1s\Agassiz Site\AIRPHOTOS.dwg

REVISION DATE: 04/03/10 3:29pm By: bdrozdiak



PROJECT

AGRICULTURE & AGRI-FOOD CANADA
PHASE I & II ESA

TITLE

AERIAL PHOTOGRAPH - AGASSIZ FARM 1



PROJECT No. 03-1412-127		FILE No.	AIRPHOTOS
DESIGN		SCALE	NTS REV. -
CADD	BAD 11MAR04	FIGURE 1979	
CHECK			
REVIEW			

CADD FILE: O:\Active\#2003-4\2003\1412\03-1412-127 AAFC Phase 1s\Agassiz Site\AIRPHOTOS.dwg

REVISION DATE: 04/03/10 3:29pm By: bdrozdiak



PROJECT
**AGRICULTURE & AGRI-FOOD CANADA
 PHASE I & II ESA**

TITLE
AERIAL PHOTOGRAPH - AGASSIZ FARM 2



PROJECT No. 03-1412-127		FILE No.	AIRPHOTOS
DESIGN		SCALE	NTS REV. -
CADD	BAD 11MAR04	FIGURE 1979	
CHECK			
REVIEW			

CADD FILE: O:\Active\#2003-4\2003\1412\03-1412-127 AAF Phase 1s\Agassiz Site\AIRPHOTOS.dwg

REVISION DATE: 04/03/10 3:29pm By: bdrozdiak



PROJECT		AGRICULTURE & AGRI-FOOD CANADA PHASE I & II ESA	
TITLE		AERIAL PHOTOGRAPH - AGASSIZ FARM 1	
PROJECT No. 03-1412-127		FILE No. AIRPHOTOS	
DESIGN		SCALE	NTS REV. -
CADD	BAD 11MAR04	FIGURE 1983	
CHECK			
REVIEW			



CADD FILE: O:\Active\#2003-4\2003\1412\03-1412-127 AAFC Phase 1s\Agassiz Site\AIRPHOTOS.dwg

REVISION DATE: 04/03/10 3:29pm By: bdrozdiak



PROJECT				AGRICULTURE & AGRI-FOOD CANADA PHASE I & II ESA			
TITLE				AERIAL PHOTOGRAPH - AGASSIZ FARM 1			
PROJECT No.		03-1412-127		FILE No.		AIRPHOTOS	
DESIGN				SCALE	NTS	REV.	-
CADD	BAD		11MAR04	FIGURE 1993			
CHECK							
REVIEW							



CADD FILE: O:\Active\#2003-4\2003\1412\03-1412-127 A AFC Phase 1s\Agassiz Site\AIRPHOTOS.dwg

REVISION DATE: 04/03/10 3:29pm By: bdrozdiak



PROJECT

AGRICULTURE & AGRI-FOOD CANADA
PHASE I & II ESA

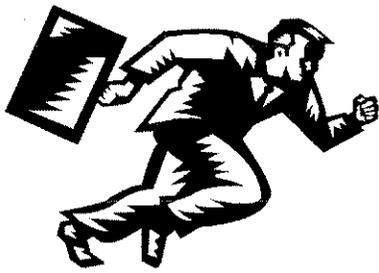
TITLE

AERIAL PHOTOGRAPH - AGASSIZ FARM 1



PROJECT No.	03-1412-127	FILE No.	AIRPHOTOS
DESIGN		SCALE	NTS REV. -
CADD	BAD 11MAR04	FIGURE 1999	
CHECK			
REVIEW			

APPENDIX III
HISTORICAL DIRECTORIES SEARCH



InfoAction

Information & Research Centre

We do the work, you get the credit!

Tuesday, October 21, 2003

Dear Simone,

**RE: CITY DIRECTORY SEARCH FOR 6947 LOUGHEED HIGHWAY AGASSIZ, 510
CLEARBROOK ROAD ABBOTSFORD, 31790 WALMSLEY AVENUE ABBOTSFORD**

Thank you, for using InfoAction services. I searched the hard copy directories and the microfilms. Here are my results:

No street address for the 1800s – 1929 in the Hendersons' and Williams' City Directories (microfilm) for the three addresses. Street addresses are on some films for Vancouver during that time period.

A photocopy from the Chilliwack and Fraser Valley Directory 1955 showing Agassiz page 426 will show Experimental Farm Boarding House (Harrison Hot Springs Road), but not Dominion Experimental Farms. I have included this following up from our phone conversation on Friday.

I checked microfilms between 1934 and 1960, but I could not find the subject.

For 1965, BC Directories' Greater Vancouver Criss Cross has Walmsley Road and the lower number addresses for Clearbrook Road listed. Lougheed Highway is also listed for Agassiz.

Please note I have included a photocopy of copies re: Clearbrook Road every ten years from the Abbotsford/Clearbrook City Directories starting in 1970. They show the lower address numbers for Clearbrook Road and the Walmsley address in the Postal Code section (2000). When you go to the Street section in the Directories they are not listed as shown in the copies you will receive. Also will be copies of the Ws for those years with Walmsley not shown. Addresses North, South, East and West are for the higher addresses of Clearbrook Road. I have included one copy for you in the Lower Fraser Valley Directory (1970) showing North, South, East and West of Clearbrook Road but for the higher number addresses.

We will invoice your company Re: file # 031412127 for \$163.18 (two and a half hours +gst + courier), research time and photocopying. Please do not hesitate to contact us if you have any questions and/or we can be of further assistance.

Sincerely,

Carol Cockwell
InfoAction

Vancouver Public Library – Level 5
350 West Georgia Street, Vancouver, BC V6B 6B1
phone: **604-331-3613** fax: **604-331-3611**
email: **infoact@vpl.ca** web: **www.infoaction.ca**

**CHILLIWAGK &
EAST FRASER
VALLEY
DIRECTORY 1955**

Agassiz

Cridland J B lab Can Govt
Exp Farm r No 1 Rd Box
173
Cross W S mgr Shelline Sls &
Serv
Cummings Marilyn opr BC
Tel
Cunningham C C farmer r
Wahleach Box SS
Curiston Fredk R farmer h
No 15 Rd RR1
Curly Miss Z tchr Sch Dist
No 76 Box 71 Seabird Is-
land
Currie Harry W farmer h Har-
rison Hot Springs Rd
Cuthbert Mrs S Box 63
Cuthbert W J clk Kent Dist r
No 9 Rd
Cutler Hiram prop Agassiz
Lime Quarry
Danielson Nels L trk drvr h
Humphrey Rd RR1
Danielson Sten logr h Hum-
phrey Rd RR1
Darel Marcel R logr h No 7
Rd RR1
Darel Paul farmer h No 1 Rd
RR1
Daubney Wm R sec Sch Dist
No 76 r Pioneer St
Davis K L prntr and taxi drvr
Davis Lewis W taxi No 9 Rd
Box 61
Davis W E P r Harrison Hot
Springs Rd Box
Davison J M retired r No 9 Rd
Box 56
D'Easum G tchr Sch Dist
76
Dec J retired r RR1
Delacherois R O opr CPR r
No 9 Rd Box 210
Diamond Dairy Pioneer St
Dickenson Rev A M priest St
Anthony's RC Ch r No 4 Rd
Ditchburn Herbt C gdnr h No
1 Rd RR1
Doherty A E farmer r No 10
Rd RR1

Agassiz

Donahue Jean tchr Sch Dist
No 76 Box 71 Seabird Is-
land
Doren Geo J farmer Box 105
Douglas Jos retired
Dowling Stan J farmer h Sims
Rd RR1
Driessen Peter farmer h No
11 Rd RR1
Drinkwater A E shovel opr r
No 15 Rd RR1
Duncan W S prin Sch Dist No
76 r No 15 Rd
Dyer F E lab r No 9 Rd Box
112
Dyer John A mgr Bella Vista
Hotel r Pioneer St
Dyer M W public wks emp r
Harrison Hot Springs Rd
Dyer Orville L surv h Harri-
son Hot Springs Rd
Dyer W H lab Box 189
Eddy Elvin A lab h No 1 Rd
RR1
Eddy Horace J logr h No 1 Rd
RR1
Edmondson Chas W trk drvr
h No 9 Rd Box 106
Edmondson Thos L trk drvr
h No 1 Rd Box 106
Edmondson W trk drvr
Eliason Ron A logr r Harri-
son Hot Springs Rd Box 211
Else Alfd W mgr Nichol &
Else r Pioneer St
Evans A lab r Pioneer St Box
24
Evans Arth P jntr r Pioneer
St Box 24
Ewen F retired
Ewen Miss R r Seabird Island
Experimental Farm Boarding
House (W Becker) Harri-
son Hot Springs Rd
Farrant Sam E farmer h No 2
Rd Box 228
Federici F J farmer r Harri-
son Hot Springs Rd RR1
Fedorkew M clk PO Box 194
Fedorkew Nick carp h Harri-
son Hot Springs Rd

This name only

CHILLIWACK & EAST FRASER VALLEY DIRECTORY

1955



Containing a descriptive write-up of Chilliwack City and Chilliwack Municipality, an Alphabetical List of Residents, Business Firms, etc., a Street and Avenue Directory listing the names of Householders numerically by Street, a complete classification of Trades or Professions and Chilliwack City and Chilliwack Municipality Maps.

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2733 West Broadway

VANCOUVER, BRITISH COLUMBIA

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Agassiz

Cridland J B lab Can Govt
Exp Farm r No 1 Rd Box
173
Cross W S mgr Shelline Sls &
Serv
Cummings Marilyn opr BC
Tel
Cunningham C C farmer r
Wahleach Box SS
Curiston Fredk R farmer h
No 15 Rd RR1
Curly Miss Z tchr Sch Dist
No 76 Box 71 Seabird Is-
land
Currie Harry W farmer h Har-
rison Hot Springs Rd
Cuthbert Mrs S Box 63
Cuthbert W J clk Kent Dist r
No 9 Rd
Cutler Hiram prop Agassiz
Lime Quarry
Danielson Nels L trk drvr h
Humphrey Rd RR1
Danielson Sten logr h Hum-
phrey Rd RR1
Darel Marcel R logr h No 7
Rd RR1
Darel Paul farmer h No 1 Rd
RR1
Daubney Wm R sec Sch Dist
No 76 r Pioneer St
Davis K L prntr and taxi drvr
Davis Lewis W taxi No 9 Rd
Box 61
Davis W E P r Harrison Hot
Springs Rd Box 102
Davison J M retired r No 9 Rd
Box 56
D'Easum G tchr Sch Dist No
76
Dec J retired r RR1
Delacherois R O opr CPR r
No 9 Rd Box 210
Diamond Dairy Pioneer St
Dickenson Rev A M priest St
Anthony's RC Ch r No 4 Rd
Ditchburn Herbt C gdnr h No
1 Rd RR1
Doherty A E farmer r No 10
Rd RR1

426

(1955)

Agassiz

Donahue Jean tchr Sch Dist
No 76 Box 71 Seabird Is-
land
Doren Geo J farmer Box 105
Douglas Jos retired
Dowling Stan J farmer h Sims
Rd RR1
Driessen Peter farmer h No
11 Rd RR1
Drinkwater A E shovel opr r
No 15 Rd RR1
Duncan W S prin Sch Dist No
76 r No 15 Rd
Dyer F E lab r No 9 Rd Box
112
Dyer John A mgr Bella Vista
Hotel r Pioneer St
Dyer M W public wks emp r
Harrison Hot Springs Rd
Dyer Orville L surv h Harri-
son Hot Springs Rd
Dyer W H lab Box 189
Eddy Elvin A lab h No 1 Rd
RR1
Eddy Horace J logr h No 1 Rd
RR1
Edmondson Chas W trk drvr
h No 9 Rd Box 106
Edmondson Thos L trk drvr
h No 1 Rd Box 106
Edmondson W trk drvr
Eliason Ron A logr r Harri-
son Hot Springs Rd Box 211
Else Alfd W mgr Nichol &
Else r Pioneer St
Evans A lab r Pioneer St Box
24
Evans Arth P jntr r Pioneer
St Box 24
Ewen F retired
Ewen Miss R r Seabird Island
Experimental Farm Boarding
House (W Becker) Harri-
son Hot Springs Rd
Farrant Sam E farmer h No 2
Rd Box 228
Federici F J farmer r Harri-
son Hot Springs Rd RR1
Fedorkew M clk PO Box 194
Fedorkew Nick carp h Harri-
son Hot Springs Rd

B. C. DIRECTORIES'

GREATER VANCOUVER

CRISS CROSS

(Including Fraser Valley, Hope, Yale and Boston Bar)

1965

• PACKED WITH INFORMATION YOU NEED

- A street guide by street name and house number of telephone subscribers in Greater Vancouver Area, printed on white paper.
- Refer to Yellow Page 3 for guide to Street Directory.
- A list of all telephones in numerical sequence, with addresses included printed on blue paper.
- Refer to Yellow Page 4 for guide to Exchange Prefix.
- \$25.00 (Sold Outright)

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1965



(1965)

- Contd

oss Robert A 859-9174
aidley A E 859-9156
iches J H 859-5145
eed Donald 859-2779
oung Allan R Mrs 859-8050
enner George 853-1227
ay Ralph 859-4355
layburn-Harblson Ltd 859-5770
oss Wilbur M 859-5872
nited Church Trinity Memorial 853-2591
andorp A 859-8556

LANE
chroeder Aganetha Mrs 859-5516
hiesen A V 859-4148
ran John 859-9692
cott Larry W 859-4146
arkentin D H 853-2189
Enns John K 859-8226
aerg Abram P 853-1417
Neufeld John F 859-5627
Falk Jacob J 853-1828

ANNIAL
win L H Rev 859-5542
Hebe Geo W 859-8202
orn W J 859-9405
yck I L 853-2871
ick Jacob D 859-5811
empel A W 859-9623
etz Anna Mrs 853-2028
endricks Wayne 853-1806
romholt A R 859-2349
randt John M 859-4339
ppner H M 859-4132
artens Jacob A Mrs 859-9380
riesen John M 853-2314

ANNIAL RD
r A A 859-9196
n Julius John 859-9051
ake H 859-9285

RAL DR
naum A P 859-8863

RE
anzen Jacob G 859-9470
ndres E G 853-2194
onscharow John 859-8188
ms Abram 853-2539
roeker Corne 859-9287
iesbroecht Henry Jr 859-9566
yck Dave 859-8646
ews Susan 859-4324

RY
loch Herman 859-4159
uhar Samuel 853-2392
ampel Anna Mrs 853-2077

CH
egler F Ed 859-9811
Zacharais John L Rev 853-1488
ima Steve 859-5153
Poews Herman 853-2100
Dyck Henry 859-8115
hroux G 853-1266
Bergen Elias 853-1774

K
Ratzlaff Henry 859-8097
harp James 859-8529

KE
Ferry C P 853-1931
Hudson Clement W 859-5938
Calland Norman Rev 853-2416
Nixon W R B Rev 853-2154
nman R B 853-1500
Harder I G 859-5682
Carter H J Mrs 859-9373
Graham Gordon 859-8858

KE DR
Alex I 853-2510
A A Dr 853-2410
son Alvina Mrs 853-2009
ons S A 859-8749
sen John I 853-2845
ewey J O 853-2648
r M 853-2688
er Ferguson Charles 853-1728

'BURN RD
Fooks F R 859-8614
Gawley M Mrs 859-8146
Pearndon Archibald P 859-5842
Toews Julius 859-9976
Perker I F S 853-2861
Ayling Cecil H 853-8569
Ball C J 859-8373
Boley Clifford 859-5095
Cairns T 859-8933
Cataline Russell P 853-2487
Cooper's Store 859-8223
Cruikshank George 853-2396
Cummings Wayne 859-9778
Davies Alfred L 859-9227
Davies Edward 859-9945
Davies Margaret L Mrs 859-9228
Davies Robert 853-1837

Davies Wm A 859-8927
Dykstra G 859-8694
Fahmi Gerald O 859-9010
Fraser Valley Pen-tecostal Camp 859-9271
Gebbinck J 859-3543
Gillies Geo 859-9053
Harder J T 859-8376
Investors Syndicate of Canada Ltd 859-9010
Kryger Art 859-9055
Merchel Fred 853-1277
Messenger C R 859-8219
Morrison Thomas R 859-9073
Mundy Donald 859-8320
Purver Frances 859-8741
Rennie Thomas 859-8286
Skjoldre Palmer M 859-8722
Stirling Wm 859-4396
Vanderweil Peter 859-9654
Ward D J 859-4304
Whitman Robert 859-9615
Wilkinson Frederick 859-8373

CLAYBURN-STRAITON RD
4463 Silva D Mrs 853-1450
36262 Haines F Mrs 853-2454
36376 Foulds Ellen M Mrs 859-5602
Bushman David 853-2887
Cullin Herbert L 859-6375
Davis S 859-3456
Dionne L E 859-5317
Kraft John G 859-8626
MacKenzie J C 859-9264
MacKenzie W J 853-2614
Mathers D A 853-2612
Miller W J S Mrs 859-9542
Mitchell Alex 859-9152
Neimes J M 859-8669
Simmons Albert 859-8644
Wards James 859-9488

CLEARBROOK
112 Kunze Joe 859-8364
187 Williams H H 853-2353
199 Reeves B 859-5618
141 Friesen Henry 859-5673
703 Falk E D 859-5170
870 Bartsch Rudi 853-2900
889 Logan D 859-9075
1219 Friesen A R 859-8583
1224 Siemens George 859-8636
1376 Wittman George 859-9605
1471 Bronk Chris 859-5754
1448 Wiebe Wm 853-2808
1733 Regier David 859-8195
1794 O'Brien David L 859-8195
1794 Rainbows End 853-2894
1797 H & H Rentals 853-2894
1797 Hildebrandt Henry 859-4847
1822 Horwood W H 859-4349
2037 Suderman John E 853-1758
2197 Clearbrook Garage 859-5380
2211 Unruh John B 853-1019
2291 Epp Memo H 859-9529
2311 A F Plumbing 859-8526
2311 Fussi A 859-5908
2328 Ens Rupert C 859-5784
2331 Hastie D G Rev 859-4337
2340 Yachnis Catherine Mrs 859-5196
2349 Goerz John 859-8277
2359 Sawatzky George 859-4145
2369 Schmidt Bill 859-9596
2377 Epp G F 859-5523
2410 Pankratz F H Mrs 859-6650
2420 Krahn Isaac I 853-2190
2421 Ens George 853-1255
2431 Janzen Henry H Rev 859-8174
2440 Krahn Minnie Mrs 859-8024
2448 Franz C 859-8520
2455 Warkentin Abe 853-2822
2458 Epp J J 853-2023
2466 Pressley Fred T 859-8929
2468 Peters John D 853-1820
2457 Thompson John K 859-5766
2507 Janzen Peter E 859-5857
2508 Neufeld A H 859-3793
2529 Schmidt Margaret Miss 859-5508
2532 Rogalsky Henry 859-5046
2540 Dyck Peter J 859-5593
2548 Kopp Peter F 859-8064
2549 Spenst John 859-8876
2559 Jantz Anna Mrs 853-1532
2580 Loeppky Otto L 859-5612
2615 Harder's Marshall Wells Hardware 859-8260
2649 Neufeld J G 853-2006
2718 Buller John J 859-8622
2728 Brandt John K 859-9447
2758 Wiens Gerhard J 859-5368
2770 Neufeld Walter R 859-6335
2794 Redekop Agnes Mrs 859-9178
2825 Janzen Henry J 859-5357
2844 Isaak C A 859-5355
2855 Wiebe William 859-4392
2873 Braun Annie Mrs 859-9705
2882 Froese M Mrs 859-5319
2890 Reimer H G 859-8608
3035 Blanke Ernest 859-5075
1171 Faber Fred 859-8059
3239 Penner Cornelius 859-5393
3396 Toews J N 859-9362
3538 Brown Henry 859-9362

CLEARBROOK RD NORTH
Bousefield W 859-9425
Doerksen Abe G 859-5301
Doerksen Henry 859-9566
Epp D D P 859-8379
Senuk Kathe Mrs 859-9838
Wiens F F 859-5389

CLEARBROOK RD SOUTH
Abbotsford Gravel Sales Ltd 859-8484
Allen John A 859-5345
Can Govt Small Fruits Substation 853-1551
Clearbrook Stock Farm 859-5345
Cundiff C E 859-8486
Fleming John 859-8581
Loewen F C 859-8503
Manley Ernest 859-8747
Mutter A S 859-8775
Neufeld Frank J 853-1696
Sawatzky John J 859-8842
Thiessen Jac R 859-8208
Tolam Trucking Ltd 859-8764
Veer Henry 853-2116
Woelk Henry 859-8223

COGHLAN
661 Onofrejchuk Peter 859-9234
Coghlan F W 859-8932
Clund Neils 859-8737
Proctor R C 853-2378
Smith Douglas E 859-8223

COLE
1024 Buchanan W S 859-8603
1618 Brogaard I Mrs 859-9278
1638 Thompson Frederick William 859-9271
1686 Van Veen Lorne 853-1289
1816 Brogaard H 853-1035
1893 Stewart Harry E 859-8165
1905 Stewart Gordon 859-8016
2660 Clark J R 859-5456
Beck Christian 859-8635
Higgs Thos S 859-8689
McKee Edward 853-1273

COLUMBIA
145 Stobbe Walter 859-8235
165 Froese Harry C 859-8551
207 Stobbe Henry J 859-5503
267 Esau J 859-8734
351 Bandsmer Otto 859-5189
356 Mierau John 853-1233
369 Rempel Anna Mrs 859-8362

1082 Wiens George I 859-5302
2694 Melke Fred 853-1684
2704 Enns Bernard 859-9212
2719 Thiessen A H 859-8841
2616 Wiens Heinrich J 859-9547
2626 Peters B B 859-9859
2636 Unruh Justina Mrs 859-8001
2676 Duerksen F A 853-2065
2811 Neissen Peter 853-2960
2853 Thiessen John P 859-8261
2882 Braun Nick 859-9660
2897 Braun C 859-8644
3019 Unruh John W 859-8801
3026 Cornies D 859-5343
3035 Suderman Henry J 859-5849
3069 Konrad Peter J 859-9853
3106 Doerksen G H 859-3057
3133 Wiens P H 859-9843
3143 Rempel D C 859-5330
3154 Suderman John P 859-5389
3355 Jagusch E 859-9660
3434 Doerksen George 859-5342
Trigler Ruth Mrs 859-9049

CLEARBROOK SOUTH
545 Young M Mrs 853-2758
1285 Peters Pete 853-1072
1694 Bennett Fred C 859-9717
2168 Rempel George J 859-9780
2198 Friesen D D 853-1576
2310 Sawatzky Jaan 859-9325
2430 Martens H 853-1391
2494 Rempel Susan Mrs 859-8291
2497 Hildebrandt M Mrs 859-4162
2589 Rempel J H 859-8333

CLEARBROOK DISTRICT
Aitken J G 853-2772
Bergen T 859-8773
Clearbrook Mennonite Brethren Church 859-4144
Clearbrook Waterworks District 859-8173
Dyck A A 859-8267
Friesen Jake 859-8337
Harke August 859-8769
Hendricks Julius 859-8351
Hildebrandt John 853-2025
Junior Mennonite High Sch 859-8767
McNeill D J 859-8839
Mennonite Brethren Bible Institute 859-5346
Mennonite Educational Institute Sch 859-9762
Redekop Peter 853-2606
Schmor Catherine Miss 853-1038
Siemens Peter 859-5697
Wiens John A 859-8865
Zseder Geza 859-8539

CLEARBROOK RD NORTH
Bousefield W 859-9425
Doerksen Abe G 859-5301
Doerksen Henry 859-9566
Epp D D P 859-8379
Senuk Kathe Mrs 859-9838
Wiens F F 859-5389

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Can Govt Small Fruits Substation 853-1551
Clearbrook Stock Farm 859-5345
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Fleming John 859-8581
Loewen F C 859-8503
Manley Ernest 859-8747
Mutter A S 859-8775
Neufeld Frank J 853-1696
Sawatzky John J 859-8842
Thiessen Jac R 859-8208
Tolam Trucking Ltd 859-8764
Veer Henry 853-2116
Woelk Henry 859-8223

COGHLAN
661 Onofrejchuk Peter 859-9234
Coghlan F W 859-8932
Clund Neils 859-8737
Proctor R C 853-2378
Smith Douglas E 859-8223

COLE
1024 Buchanan W S 859-8603
1618 Brogaard I Mrs 859-9278
1638 Thompson Frederick William 859-9271
1686 Van Veen Lorne 853-1289
1816 Brogaard H 853-1035
1893 Stewart Harry E 859-8165
1905 Stewart Gordon 859-8016
2660 Clark J R 859-5456
Beck Christian 859-8635
Higgs Thos S 859-8689
McKee Edward 853-1273

COLUMBIA
145 Stobbe Walter 859-8235
165 Froese Harry C 859-8551
207 Stobbe Henry J 859-5503
267 Esau J 859-8734
351 Bandsmer Otto 859-5189
356 Mierau John 853-1233
369 Rempel Anna Mrs 859-8362

437 Reimer Peter 859-9074
465 Falk B H 859-8007
542 Reimer Peter John 859-1002
618 Toews J J 853-2876
670 Unruh B H 859-2047
672 Collins Frank C 859-9734
736 Sinclair V M 859-8862
830 Ketter J C 853-2843
831 Chretien Lionel A 859-8465
848 Sawatzky I P 859-9760
858 Unruh M K 859-5371
856 Falk A H 859-9661
689 Falk John H 859-5666
938 Schapansky Mary 853-2442
972 Sawatzky C W 859-9924
984 Rippel Geo 859-9904
1048 Froese John O 859-9879
1092 Barnum James E 853-1554
1126 Nickel John B 859-1051
1242 Friesen Dennis V 859-8846
1281 Nickel Rudolph 859-5102
1266 Borg H A 859-9171
1304 Chapman Harry 859-9703
1320 Krahn Bernard 859-5310
1341 Appel Joseph 853-1014
1376 Mierau Peter J 859-8867
1460 Williams J H 859-9836
32438 Reimer Maria Mrs 853-2751

COLUMBIA SOUTH
595 Nickel Ben C 859-8640

COLUMBIA RD
De Fehr Frank J 859-8082
De Fehr J J 859-8992
Dyck Jake Peter 853-1764
Ennis Glen V 853-2539
Fedje Ole 853-2646
Heppner J J 853-1050
Janzen Cornelius J 859-5448
Jungnitz Paul 853-1835
Krahn D D 859-9021
Neufeld William I Rev 859-9087
Penner Victor F 853-1071
Quiring David A 859-8542
Quiring John 859-9833
Thomas Martin A 859-8726

CORBOULD
48 Neufeld J J 853-1215
184 Falk Henry B 869-8234

CORBOULD RD
Klassen H E 853-2063
Rempel John J 853-2321
Schmidt Abraham D 853-8223
Wiens Peter A 853-2816

CRESCENT WAY
2391 Health Unit-Upper Fraser Valley 859-5215
2405 Heron Freda Mrs 859-9361
2413 Easterbrook R C 859-6375
2421 Lohcar John 859-9324
2427 Heke Olive Mrs 859-6103
2435 Smith R C 859-0490
2441 Thomson John 859-9030
2442 Strachan R 853-1877
2449 Mierau Dick 859-9462
2451 Hill Thomas 859-8106
2459 Harvey Walter 859-2432
2468 Lorio Peter 859-1017
2475 Papp Regina Mrs 859-9056
2483 Nicholas R L 859-6436
2491 Dennett C F 859-9306
Abbotsford Junior Secondary School 853-2610
Nelson F Miss 853-2409

CYRIL
2531 King R M 859-9499
2633 Rozsa Antal 859-1319
2644 Spurling A 853-1555
2549 Zurovski Rose Mrs 859-1052
2559 Lidvall D Miss 859-4326
2584 Abbotsford Marchine Repairs 859-9831
34183 Dionne Ken 859-8241
34205 Riedlinger A A 859-6488
34205 Wittenberg Johnnie 859-4367
34219 Serl Roy 859-9759
34277 Jones E Mrs 859-8163
34339 Bell W C 859-2169

CYRIL RD
Straiton J Ernest R 853-2093

CYRIL ST
Akins Thos 859-8866
Bell Wilford J 859-8900
Croisdale Construction Ltd 853-2335
Rempel Herb 853-2542
Surrey Co-operative Assn 859-5321
Young Harold E 853-1812

DAHL
34035 Sinnema A 859-9935
34047 Dahl Ivar 853-1270

DAHLSTROM
2835 Berg J D 859-8391
32038 Peters Anna Mrs 859-2432
32051 Hooge H 853-2432
32067 Krause Alfred 859-5933
32094 Bayda Mitchell M 859-4156
32121 Knelson J 859-6646

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TOWNLINE RD (SOUTH) - Contd

Table with 3 columns: Name, Address, Phone Number. Includes Hirschman John, Fast Nick, Leo Floyd, Klassen Anna Mrs, Funk David G, Gaspar Ethel Mrs, Siska John, Wiens Henry.

TOWNSHIP LINE RD

Table with 3 columns: Name, Address, Phone Number. Includes Tongma John, McCrory W J, Whitson R B, Thompson W J, Ouwkerk Mike, Boonstra F, Martens George, Walters Herbert Ed, Anderson Erling, Borg Gustave N, Erandsma Bob, Burke E J, Crombie P E, De Goede Henry, Dempster Robert d'A, Kampman A J, Kaszanyi Peter, Keis Frank, Krahn Frank, Langelaar W J, Fraser John R, Makara Joe, Martens C I, Mutch G G, Nelson Bernhard, Nelson Gary, Nelson R K, Nissen Oscar, Penner Henry, Reitsem A, Reitsem Ted, Siemens Peter D, Smith A T, Stephens Brian T, Threlfall D, Threlfall J, Towell D S.

TRANS-CANADA HWAY

Table with 3 columns: Name, Address, Phone Number. Includes McCartney A, Hildebrandt Peter F, Wiebe Dietrich P, McGowan John Motors, Crescent Finance Corp, Szabo Steve, Hoppe Frank D, Eartel P H, Blacklock Dennis, Pache P.

Avenue Farm Machinery

Table with 3 columns: Name, Address, Phone Number. Includes Biely Construction Co, Clearbrook Photo Studio, Clearbrook Radio & TV, Commonwealth Record Co, BC Govt Dept of Highways.

Table with 3 columns: Name, Address, Phone Number. Includes Prosi Auctions Ltd, Gmar Daniel O, Griffiths S R Mrs, Kennedy Ridge Service.

Table with 3 columns: Name, Address, Phone Number. Includes Klassen N, Four Harnan Mrs, Kovacs John, Ley Ronald, Martens Frank E, M S A Motors Ltd, Paul Mike, Royal Canadian Legion The, Triangle Motors, Turner R H, Verdonk Peter, Warwarick W.

TRETHEWEY RD

Table with 3 columns: Name, Address, Phone Number. Includes Garner Jacine Mrs, Friesen John.

TURNER RD

Table with 3 columns: Name, Address, Phone Number. Includes Short T, Dyck J B, Buyar N K, Davies R J, Hub Fire Engine & Equipment Ltd, Klebaum Rudolf, La Fleur A, Peters Henry H, Rogers & Boyd's Fortified Feeds Ltd.

UNION

Table with 3 columns: Name, Address, Phone Number. Includes Dyck J H, Federspiel Elmer, Krahn Henry.

UN-NAMED RD

Table with 3 columns: Name, Address, Phone Number. Includes Thompson L E.

UPLAND ST

Table with 3 columns: Name, Address, Phone Number. Includes Redekop John, Voth J H, Buehler J E, Matties Henry, Giesbrecht W R Dr.

UPLANDS DR

Table with 3 columns: Name, Address, Phone Number. Includes Wiens W.

VICTORIA

Table with 3 columns: Name, Address, Phone Number. Includes Enns Cornelius C, Schmidt Jacob J, Dyck A H, Klassen Frank R, Giesbrecht Peter, Kornelson Peter P, Bruns Walter, Willms John P, Friesen Jacob J, Dyck Elsie, Schmidt Helmut, Harder Erick, Hooge Henry, Konrad A H Rev, Hamn J E, Ott Henry, Bahmann Peter J, Toews Isaac J, Warkentin G P, Postker Paul G, Rosler Bert, Nickel Henry H, Killoran Gordon F, Meyers Albert, Hooge Henry G, Klassen John C, Leikeman E Mrs.

VICTORY BLVD

Table with 3 columns: Name, Address, Phone Number. Includes Turner Clarence, Ralphs T E, Love Wm A, Priebe Leonard, Brandizes Joseph, Shore Monty L, Lewis Stanley, Boyd James M, Peterson G H, Munro G E, King Reidford V, Akins R, Hack Arthur S, Gowland Gary, Fraser Arthur H, Hiebert Henry B, Beharrell J W, Cromwell W J, Johnson Lawrence A, Kiskoock P, Lewis F G, Deas Allan, Cauti Louis, Raqlan Edgar, Fast Alex, Dodd Harry, Nelles Rhoda Mrs, Newby W C Dr, Pongracz Frank, Nemechek Louise Mrs, Kleininger Joe.

VINEWOOD ST

Table with 3 columns: Name, Address, Phone Number. Includes Tingley C, Wiens Peter, Busby Marvin, Kvist Helmer, Day Peter, Brogaard Inger Mrs, Warkentin Abram H, Hock Otto, Sabo Jim, Kenzie John W, Brown Amanda, White D C, Buller Jack C, Thom J Ken, Enns Cornelius, Epp G E, Lusty Allan, Yanko Steve, Datoe Wm, Egger Walter J, Jansen Walter J, Pelletier Andrew, Waughtal May Mrs, Wilson Robert J.

VYE RD

Table with 3 columns: Name, Address, Phone Number. Includes Sosnowski Antony, Hooge G G, Karafa Mike, Dykman Otto, Theobald Pete, Theobald Bud Pipe, Bert's X-Cavating, Lambrechts Bert, George A G, Martens Aron, Glover M L, Hulzenga R, Hofer C, Minty W A, Ferraro Gene, Schaart John.

Table with 3 columns: Name, Address, Phone Number. Includes Turnbull Marion Mrs, Dyck H D, Nigg J, De Vries D, Zanardo Idio E, Buchanan M, Verdonk James, Peters John P, Fairholm J E, Ratzlaff E F, Arends Berend, Cowley F H, Dahl Jakob, Doerksen Ben, Dyck Wm, Ferraro Ericidio, Ferraro Ramon, Jansen Pat, Janzen A A, Klassen Jacob, Kielstra John, Penner Corry, Penner John, Sawatzky Dave, Stobbe Jacob, Zanardo E.

WALKER CRES

Table with 3 columns: Name, Address, Phone Number. Includes Stratton R D, Sieboid Charles, James Norman V D, Lachapelle Vic, Funk Melvin C, Walker Harry C, Gibbard E H, Klippenstein H Mrs.

WALMSLEY RD

Table with 3 columns: Name, Address, Phone Number. Includes Toews Henry N, Lewin John, Zacharias A H, Wiebe Corrie, Giesbrecht G E, Neufeld Justina Mrs, Brandt Max, Hiebert Henry, Ewert John, Lowen Walter, De Fehr Edward, Janzen Henry H, Valley Rate-Mix Ltd.

WALNUT ST

Table with 3 columns: Name, Address, Phone Number. Includes Grigg S F, Allinout A J, Ross Walter L Mrs, Berry Wm J, Froese Ruth Miss, Van Dorp Harry C, Ferrari Mary Mrs, Lewis L E, Baynes C M, Robertson Harry.

WARD RD

Table with 3 columns: Name, Address, Phone Number. Includes Johnson J M, Regier Harvey, Valentine C.

WARE RD

Table with 3 columns: Name, Address, Phone Number. Includes Des Mazes Maurice, Lloyd W J, Krause David, Kroeker John F, Warren Jack E, Klassen G H, Deleske Luther, Peace Lutheran Church, Freund Gottliebe, Martens I A, Rasmussen Walter, Grant Hugh L, Myers C W, Szabo W, Jorgenson Thomas, Menagh Lyle, Godson Bert A S, Baker Ernie, Reimer Arden, Yuhas Gaspar, Kariton Werner, Hambley Eryan S, Plaxton E S, Wattie Margt, Peters F A, Armstrong W F, Steffak Robert, Corrigan M J, Solyon Louie, Thiessen O Jack, Casson Edward J, Petschulat Herta Mrs, Plitt A J, Rogers & Boyds Fortified Feeds Ltd, Abbotsford Senior Secondary School, Elok G, Elua Malcolm, Cape Vernon J, Emans W H, Estock E Mrs, Home Oil Distributors Ltd.

Table with 3 columns: Name, Address, Phone Number. Includes Jefferson A D, Percy Elwood J, Webber John W.

WAVELL LANE

Table with 3 columns: Name, Address, Phone Number. Includes Janssen Johanna Mrs, McNeill Leonard, Weir Kenneth M, Jones S, Macnab Fred W, Sambrooke Vera Mrs, Murphy John L.

WELLS LINE RD

Table with 3 columns: Name, Address, Phone Number. Includes Wiebe Walter, Swaan Lawrence, Towe N J, De Jong J, Hunter John F, Apperloo Ronnie, Harris H F, Hoekstra Jack, Van Leeuwen Jacobus, Martin Julius J, Penner Henry Isaac, Dueck Walter, Williams H L, Smith Ross W, Mitchell Perry E, Aperlou S, Beier A, Duyn Jacob A, Van der Frank, Wandelaar Max.

WESTBURY

Table with 3 columns: Name, Address, Phone Number. Includes Bremer H Mrs, Block John P, Fischer Vern, Arnold Vic, Goertz Orval W.

WESTERLY

Table with 3 columns: Name, Address, Phone Number. Includes Krahn A P, Unrau Gordon.

WHATCOM RD

Table with 3 columns: Name, Address, Phone Number. Includes Schuurman N, Fadden Philip C, Porter F E, Porter W E, Doerksen John Jr, McGillivray Hugh, Jackson D W, Maddalozzo Ferruccio, Coers John, Siootweg K, Bassani M, Dykshoorn M Jr, Elgoid B, Jensen Henry T, Karafa Steve, Maddalozzo John, Muhlemann Hans, Nigg H, Westcoast Transmission Metering Sta.

WILDWOOD

Table with 3 columns: Name, Address, Phone Number. Includes Hoffman Thos L, Neetz Calvin, Szabon Louis, Speik W, Meinkeck M Mrs, Hyde W D, Malmas D T, Brown Geo C, Stefan Joe.

WILEROSE

Table with 3 columns: Name, Address, Phone Number. Includes Marrington Ron, Janzen Bernard, Rempel Frank, Robinson Jack D, Dyck R A.

WILLET RD

Table with 3 columns: Name, Address, Phone Number. Includes Germain Fred.

WILLOW

Table with 3 columns: Name, Address, Phone Number. Includes Craven R S, Adrian Ken, Kenie Peter, Anderson L J, Thomson G D Dr.

WINDSOR RD

Table with 3 columns: Name, Address, Phone Number. Includes Beryn Margt Mrs, Clearbrook Jr Secodary Sch, Eben-Ezer Mennonite Church, Neudorf W A.

WINSON RD

Table with 3 columns: Name, Address, Phone Number. Includes Trethewey W N, Wiens N H, Bartsch Ernest.

WOODBINE CRES

Table with 3 columns: Name, Address, Phone Number. Includes Carter Geo M, Krause Edwin J, Gardner Donn, Fridriksson Edw, Harper Vernon.

(1965)

HOT SPRINGS RD - Contd

858 Maulson E A	796-2670
875 Harrison Taxi	796-9111
875 Harrison T V Service	796-9112
875 Harrison Trading Co	796-2584
875 Varcoe J	796-2584
912 Trout Paul F	796-2441
966 Barton Keith	796-2096
2301 Fletcher H F	796-2390
2302 Heward Alan	796-2471
3028 Striker Elsie Mrs	796-2546
3027 Mitchell Teresa Mrs	796-2565
3186 Payne A J	796-2557
3258 Eraskama Sidney	796-2743
3326 Campbell David	796-2490
3318 Gauthier M	796-2720
3581 Walters T E	796-2308
3635 Alexandre Louie	796-2544
3771 Hooker Dave	796-2543
4658 Grypaik Samuel	796-2363
4903 Hrybciuk Metro	796-2547
4903 Hanson Norman W	796-2487
Abram J M	796-2192
Alexandre J P	796-2180
Becker William	796-2077
Benneth L	796-2381
Clarke M F	796-2034
Eagle Creek Logging Co Ltd	796-2414
Garbet Bruce	796-9185
Green Edwin A	796-9184
Harrison Hot Springs Elem Sch	796-2838
Harrison W G	796-2781
Heikenberg Fred J	796-9104
Hicks Lloyd C	796-2774
Hughes Mary Mrs	796-2752
Inkman Frank Mrs	796-9183
Jenkins P A G	796-2748
Kelley Victor Jay	796-2292
Lovell C B	796-2861
Mc Bride K R	796-2274
McCaffrey P S Mrs	796-2642
McCombs A	796-2414
McPherson L C	796-9107
MacPherson Robert L	796-2654
McRae Duncan F	796-9191
Mayfield Serv Garage	796-2844
Miami Auto Park	796-1544
Orman J A	796-2811
Pines Drive In	796-2036
Robert Evan Mrs	796-9188
Rhodes Hal Photog	796-2061
Smyth Benjamin B Rev	796-2715
Striker Jack	796-2419
Sweetman F	796-9174
Thompson James	796-2769
Walters L	796-2848
Weick A	796-2076
Wigand Henry	796-2555
Wilson Ethel Mrs	796-2837

HUMPHREY RD	
4323 Nielsen Oscar B	796-2526
4324 Wolff John	796-2527
4514 Lunt Samuel A	796-2836
Danielson Sten	796-2838
Dyck Henry	796-2801
Johnson Lloyd K	796-2894
Jones R A	796-2818
Priddy E	796-2160
Sodermann Ludwig	796-2093

HUNT RD	
4480 Lanting K	796-2426
Farrant S E	796-2063

INKMAN	
6210 Wagar H	796-2536

KAMP	
5840 Couwenberg G W	796-2341
6048 Ferrari Joseph	796-2326
Beaton Wm A	796-2846
De Rutter H	796-2856
Friends Frank	796-2784

KENNEDY RD	
Hansen M	796-2597
Toenders T	796-2593

KENT	
Kent Municipal Ambulance	796-2544
Kent Municipality Fire Dept	796-2544

KILBY RD	
167 Stockand Howard	796-2289
160 Krimmer J W	796-2512
215 Kirby Acton	796-2793
MacDonald T G	796-2715

LAKEVIEW RD	
Pfeffer Walter	796-9169

LILLOOET	
104 MacLeod D W	796-2702
114 Hedland Auto Court	796-9050
124 Ferrault Dennis	796-2647
134 Turner Sam	796-2377
174 Lanfranchi Gino	796-2475
278 Caribou Motel	796-2316
272 Mosier Theima Mrs	796-2262
312 Cair F W	796-2445
312 Neismith A M Lieut Col	796-2445
348 Stirling J	796-2405
380 Roberts John S	796-2788
408 Peambault Henry	796-9158

419 Roberts Alan	796-2295
429 Saen C B	796-2457
436 Ingham Ronald D	796-2718
440 McInroy F	796-2603
449 Pearson Fae Mrs	796-2527
468 Eriggs Louise Mrs	796-2152
480 Glaister K G	796-9049
470 Rose E L Mrs	796-2850
479 Kirkman Jack	796-9122
499 McCaiey R W	796-2216
511 Bungalow Motor Court	796-9133
514 Robinson M	796-2891
520 Heinrichs Walter	796-9146
526 Erielsman P J	796-2763
531 Burger A	796-2451
538 Penota Robert L	796-2545
544 Aranedo V L	796-9176
553 Rendall T	796-2450
556 Power D R	796-2768
562 Kaiser H G	796-2746
562 Taylor Winnifred	796-2588
Gair Judy	796-2220

N LILLOOET AV	
550 Clayton Gertrude Mrs	796-2894
BC Govt Forest Service Station	796-2440
Riv-Tow Marine Services	796-2626

S LILLOOET AV	
Comai C	796-2838

LIMBERT RD	
1256 Myram E Mrs	796-2345
4982 Carroll G W	796-2409
6792 Schwartz A	796-2711
5877 Lanting Henry	796-2356
Qord W	796-2480
Bergstrom W	796-2580
Carperon W C	796-4057
Graham Earl	796-2357
Key Fred	796-2194
Limbert Martin J	796-2619
Rasmussen L A	796-2792
Williamson Doug	796-2828
Young John H	796-2828
Young Nancy Mrs	796-2828

LOGGING RD	
Devis G W	796-2865

LOUGHEED HWAY	
885 Katsafanas Steve	796-2363
1540 Duncan William	796-2448
2021 Duncan Donald	796-2320
3101 Tolmie C H	796-2753
3227 Green A	796-2376
3251 Smith H A	796-2396
3282 Nightingale Gene F	796-2296
3280 McRae Kenneth D	796-2678
4031 Post John	796-2358
4583 Frayn C	796-2895
4628 Vries John D	796-2504
4698 Cornack J P	796-2429
4725 Satuk S	796-2349
4946 Sprlak P	796-2482
4990 Owen's Mountain View Store & Serv Sta	796-2631
5039 Quaschnick J	796-2342
5005 Warbrick Archie	796-2543
6013 Darel Paul	796-2561
6024 Threlfall Margaret Mrs	796-2717
5904 Jones A E	796-2688
5832 Sward Donald	796-2806
5898 Nassura R	796-2418
5936 Kent Hotel	796-2276
6086 Dunkerley John James	796-2878
6110 Pathfinder Motel The	796-2716
6141 Carson John E A	796-2506
Arnell D	796-2850
Bodner John G	796-2656
Bulmer Ken	796-2789
Burns Tom	796-2741
Eynum M A Mrs	796-2879
Clarke W E	796-2049
Couch Ethel Mrs	796-9065
Dec J S	796-2827
Eddy E A Mrs	796-4102
Eddy H J	796-4038
Eddy W D	796-2814
Flinders E P	796-2852
Floyd Kenneth C	796-4115
Floyd Laurence	796-2855
France H M	796-2831
Gray Thomas	796-2577
Grosz R I	796-2622
Halstead Ronald	796-2780
Harkins F E	796-2579
Heizmann Gorg	796-2756
Kent Hotel Beauty Salon	796-2490
Kohlsmith Glenn	796-2581
Kohlsmith J	796-2791
Leipert F W	796-2766
Leon Rudolph	796-2800
Lindholm N C	796-2503
Madison Mae Mrs	796-2840
Mailloux Wm	796-2700
Mount Woodside Motel	796-2551
Neismith H H	796-9105
Nielsen Rudolph	796-2476
Oosterlaar Wm	796-2890
Scarrl T	796-2631
Schneider M	796-2721
Sherlock C	796-2808
Stowell P	796-2785

Thiessen A D	796-2059
Triangle Service	796-2746
Urseth Ingvold Mrs	796-2666
Van Dyke Paul	796-2444
Victor Motors (Power Saws) Ltd	796-2622
Vogstad A O	796-9134
Waldon R E Mrs	796-2844
Watkins Sawmills Ltd	796-2832
Wiehler Henry A	796-9094

McCAFFREY AV	
1990 Benneth James	796-2510
Kaw Wallace	796-2634

McCAFFREY RD	
Finlay H S	796-2092
Fleming Ray	796-2818

McCALLUM RD	
5330 Sturdivan Norris R	796-2391
5390 McInroy C	796-2363
5533 Dyck John F	796-2398
5634 Funk A B	796-2305
5844 Ernie Peter	796-2453
5845 Striker M W	796-2452
6015 Lynam M	796-2303
6189 Hirschfeld Edward	796-2304
Bergsma John	796-2349
Danielson Contracting	796-2770
Hanna Lorraine Mrs	796-2781
Key Albert E	796-2517
McInroy Walter	796-2659

McDONALD RD	
7076 Twilnar John	796-2431
7257 Glenwood Private Hospital Ltd	796-2511
7257 Murphy M A Mrs	796-2511
Chandler E F	796-9098
Doherty A E	796-2653
Ernie Peter	796-9050
McDonald C	796-3145
Martin S	796-2637
Van der Horst Peter	796-2705

McPHERSON RD	
McPherson Marvel	796-2390

McRAE RD	
Hatt Walter	796-2672

MAPLE	
256 Hill M A	796-2282
298 Peter's Tent & Trailer	796-2758
298 Thein Pete	796-2756

MARTIN	
7226 Wierks Gerry	796-9109
7255 Ottenbreit F	796-2469

MILL RD	
Esboth Joseph	796-2855

MORRIS VALLEY RD	
Lions Gate Tobacco Co Ltd	796-2519
Pretty L F	796-2519
Wierda S	796-2597

MORROW RD	
7228 Tuytens Maurice	796-2385
7237 Catholic Church	796-9181
7237 Vermeulen C Rev	796-9181
7342 Hedway C	796-2476
7254 Sciotti S	796-2388
7268 Hicks W A	796-2455
7291 Booth G H H Dr	796-2423
7296 Michaloski M H	796-9043
7312 Fraser Alan	796-2434
7343 Freeman J	796-2534
7360 Corviveau Flora Mrs	796-2300
7365 Roberts B A	796-2554
7449 Delacherois R O	796-2467
7479 Shore A Mrs	796-2516
7505 Morrow J G	796-2466
7557 Sumpter Wm	796-2492
7686 Gulker John	796-2606
8018 McCartney John	796-2456
8026 Gulker John	796-9198
Bourel Eugene	796-2508
Chaplin A P	796-9001
Dyer Earle J	796-9064
Fraser Jim	796-9182
Harmson C C	796-2782
Inkman C J	796-9140
Johnson W S	796-2600
Kozek John	796-2777
McDonald Kenneth F	796-2650
Minuth Victor	796-2673
Morrow N A	796-9087
Morrow's Transfer	796-2320
Rodger Ronald	796-2677
Sand Martin	796-2682
Scott J D	796-9130
Scott S S	796-2628
Swyck Metro L	796-2653
Vogstad Allen L	796-9060
Whelpton J R	796-2439

MOUNTAIN VIEW RD	
6436 Andres Hans	796-2309
Abma Fred	796-2854
Appel Frank J	796-9109
Kelonen Arthid	796-9065
Lunt Howard	796-9097
Riemersma Jan	796-2886

PARK WOOD SUBDIVISION	
Barkey E E	796-2656
Michaloski Wm	796-2633

PETERS RD	
Peters Stanley J	796-2869

PINE	
389 Link Olie	796-2407
455 Marochi R	796-2785
444 Munro D H	796-2807
473 Vaugeois Dennis	796-2585
478 Cress D M	796-9138

PIONEER	
1892 Agassiz Restaurant	796-2500
6012 Phillips Albert	796-9048
6304 Ferreira Angus	796-2648
6332 Marsh Marilyn Mrs	796-2638
6952 Walker Mel	796-2494
7278 Kober Williams S	796-9118
Cross Lyle	796-2771
Galloway D F	796-2804
Heal F J Ltd	796-9123
Heal F J	796-9123
Olya's Style Shop	796-9000
Ozerow Alex	796-2728

PIONEER EAST	
8654 Marriott R N	796-2528
7105 Cherry Cafe	796-2412
7216 Schmidt Henry P	796-2520
7233 Strays A	796-2364
7255 Coulter W Don	796-2479
7260 Liquor Vendor's Store	796-2421
7266 Agassiz Builders Sapp Ltd	796-2433
7267 Agassiz-Harrison Adv- vance	796-2425
7430 Van Dosterom C	796-9036
Brown Marilyn	796-2325
Daubney Wm R	796-4187
Grappin Alexander	796-9166
Holt Walter	796-2682
Jones All Auto Body Shop	796-9151
Larson Carl	796-2668
McLean's Grocery & Confectionery	796-9034
Midcaiff Arthur J	796-9178
Oleksy Jack	796-9176
Petersen Elva Mrs	796-9185
Scott's Meat Market	796-9044

PIONEER WEST	
1940 CFR Co Station	796-2311
2508 Teague Wm R	796-4079
2566 Sherman John	796-2273
6570 Edmondson Maude Mrs	796-2765
8704 Edmondson Charles W	796-2468
8954 Layat J A	796-2483
7010 Shell Car & Truck Serv	796-2384
7018 Wilson Harry	796-2373
Pioneer Beauty Salon	796-2444
Bank of Montreal	796-2636
Bobb L W	796-9008
Booth G H H Dr	796-9120
British American Oil Co Ltd The	796-9111
3'Easum G C	796-2582
Penwick William	796-9072
Gibson's Red & White Store	796-9124
Gravelle Margaret Mrs	796-9070
Hertgers Jake	796-2737
Hipwell Harry D Ltd	796-9045
Imperial Oil Co	796-2465

1970

ABBOTSFORD-CLEARBROOK DIRECTORY

An Alphabetical Directory of Business Concerns and Residents

PUBLISHED IN TWO EDITIONS

THE HOME SUPPLEMENT EDITION containing the following departments:

1. The alphabetical listings of residents indicating occupation, marital status, address and telephone number. Included also are business concerns with indication of owners, managers or executives.
2. The Classified Business Directory with listings of business firms, professional services, tradespeople, organizations, schools, hospitals, libraries, public buildings, etc.

THE COMPLETE BUSINESS EDITION containing the following in addition to the two departments contained in the HOME SUPPLEMENT EDITION as listed above:

1. A STREET AND AVENUE GUIDE which lists residential homes, business locations with telephone numbers by street address. Home ownership is also indicated.
2. A NUMERICAL PHONE INDEX. Listing all existing phone numbers numerically, with names of individuals residing at location of telephone.



IMPORTANT TO ALL RESIDENTS — This Directory was made possible through the splendid co-operation of those business firms of this area whose advertisements appear in it, thus your patronage of these prominent firms will compensate for their progressive effort on your behalf.

PUBLISHER'S NOTE — We wish to thank all the advertisers for the gracious manner in which our representatives were received. To the householders, the business firms, we are also indebted for co-operation received in obtaining the information contained herein. It is our earnest hope that the Directory pleases everyone.

PUBLISHED BY

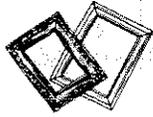
B. C. DIRECTORIES

100 East 4th Avenue

Phone 879-5311

Vancouver 10, B.C.

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KASZONYI



GALLERIES

32222 South Fraser Way

PHONE 853-2426

Clearbrook

PICTURE FRAMES — OIL PAINTINGS
ART SUPPLIES—CUSTOM PICTURE FRAMING

Largest Art Shop in the Valley

(1970)

Cedar Av - Contd

- 34246 Appeldoorn H @ 859-4363
- 34252 Goertzen E E @ 853-3988
- 34258 Martin D F @ 853-3038
- EARL'S CT BEGINS
- 34264 Occupied
- 34272 Fribance G E @ 859-7230
- 34292 Tallman O O @ 859-8149
- 34295 Morris D E @ 859-7858
- ns New House

CEDAR LANE

- EAST FROM 2564 CLEARBROOK
- 32025 Occupied
- 32034 Schroeder Mrs A @ 859-5516
- 32040 Thiessen Mrs S @ 859-4148
- 32054 Brandt Mrs E @ 859-5716
- 32055 Kane J T 853-2459
- 32062 Warkentin D H @ 853-2189
- 32070 Warkentin A @ 859-9896
- 32088 Bauman A @ 859-9502
- AUBURN INTERSECTS

CENTENNIAL ST

- NORTH FROM 31881 UNION
- 270 Konrad P J @ 859-9853
- 2610 Giesbrecht H @
- 2611 Fast J H @ 859-9285
- 2625 Friesen Contrg bldg contrs
859-4232
- 2625 Friesen A O @ 859-4232
- 2628 Gossen J H @ 859-4438
- 2640 Kasper N @ 859-8177
- 2641 Wiebe G W @ 859-8202
- 2647 Born Mrs K @ 859-9405
- 2652 Maujoka M @
- 2657 Rempel A @ 859-9395
- 2662 Hooge H G 859-9406
- 2669 Rempel A W
- 2676 Ratzlaff G P @ 859-8642
- 2679 Lietz Mrs A @ 859-2028
- 2684 Thiessen D C @ 859-9595
- 2702 Driediger D D @ 859-4637
- 2710 Arendt J M 859-4339
- 2711 Qualey J E @ 859-5990
- 2718 Janzen H J @ 853-3108
- 2721 Heppner H M @
- 2728 Kroeker Mrs A @ 853-3930
- 2729 Friesen J M 853-2314
- OLD YALE RD INTERSECTS
- 2771 Brucks A @ 859-5834
- 2778 Wiebe P J @ 853-3092
- 2781 Zacharias J @ 853-3820
- 2789 Ljashenko H @ 859-9288
- 2798 Lenzmann Rev H @ 859-4924
- 2799 Wiens P H @ 859-9843
- DUCHESS BEGINS
- 2805 Enns H H @ 859-5888
- 2808 Occupied
- 2815 Fisher J E 859-8020

Centennial St - Contd

- 2808 Block H @ 859-8186
- COUNTESS CRES INTERSECTS

CENTRE ST

- NORTH FROM 31800 BLK GLEN-
WOOD
- BEECH BEGINS
- 2257 Reddicopp L @
- 2261 Goodlad W J @ 853-3205
- 2273 Dyck David @ 853-1356
- 2289 Thiessen J @ 859-9941
- 2315 Harder E bldg contr @ 859-4540
- 2315 Rita's Beauty Salon @ 859-8813
- OAK BEGINS
- 2323 Occupied
- 2333 Preston G R @ 853-3490
- 2343 Rempel P J @ 853-2046
- 2344 Block P C @ 859-9263
- 2353 Baerg R @ 859-9875
- 2353 Siemens A R @ 859-5107
- 2373 Harder J J @ 859-8930
- FOREST BEGINS
- 2425 Occupied
- 2426 Moore C T @ 859-4504
- 2436 Braun D H @ 859-8333
- 2437 Enns A J @ 853-2539
- 2446 Loewen D H @ 853-1547
- 2449 Baerg J @ 853-3235
- 2456 Wilson A J @ 859-7485
- 2459 Siemens Mrs A @ 859-9175
- 2466 Toews S @ 859-4324
- 2476 Johnston E C @ 853-3966
- SOUTH FRASER WAY INTER-
SECTS

CHELSEA AV

- EAST TO 2150 SANDALWOOD CRES
- 33256 Stuart F A @ 859-9428
- 33257 Siska J @ 859-9421
- 33266 Dick Rev E G @ 853-3511
- 33267 Stewart B L 853-2650
- 33277 Drew W A @ 859-4634
- SANDALWOOD CRES INTER-
SECTS

CHERRY ST

- NORTH FROM 33895 MARSHALL
- 2020 Trinity Lutheran Ch
- 2045 Fowler D H @ 859-8405
- 2054 Kular S W @ 853-2392
- 2059 Hampel Mrs A @ 853-2077
- MAYFAIR INTERSECTS

CHESTNUT ST

- NORTH FROM 34661 OLD CLAYBURN
- 3267 Hicks L R @ 853-1469
- 3282 Lyons Mrs A @ 859-7346
- 3291 Loewen J M @ 859-5081

Chestnut St - Contd

- 3295 Rolleman's Constn bldg contrs
859-4104
- 3296 Rolleman H H @ 859-4104
- 34667 Gossen F J @ 853-2870

CHURCH ST

- NORTH FROM 32061 PEARDONVILLE
- 2424 Regier F E @ 859-9811
- 2425 Zacharias Rev J L 853-1488
- 2432 Sima Mrs E @ 859-9153
- 2435 Siemens Mrs M 859-4169
- 2440 Bergen Mrs H W 859-5172
- 2441 Dyck H @ 859-8115
- 2445 Bergen E 853-1774
- 2449 Neufeld J 859-5078

CLARKE DR

- NORTH FROM 33750 BUSBY
- 2282 Trethewey J O @ 853-2648
- 2283 Hougen A I @ 853-2510
- 2295 Patterson A H @ 853-2009
- 2298 Miller Mrs M L @ 853-2410
- 2311 Webster F C @ 853-1726
- 2314 Perry C P @ 853-1931
- 2319 Thiessen J I @ 853-2845
- 2326 D'Andrea A @ 853-3657
- 2327 Battistoni C F @ 853-3124
- 2335 Jones M D @ 853-6156
- 2336 Calland Rev N @ 853-2416
- 2346 Gregory Rev J H @ 853-2154
- 2347 Inman R B 853-1500
- 2355 Harder I J @ 859-5662
- 2358 Hapiuk N @ 859-9014
- 2369 Groothof L @ 859-9495
- 2370 Kraft J G @ 859-8928
- 2393 Tucker M @ 853-2488
- BOUNDARY INTERSECTS

CLEARBROOK RD

- NORTH FROM 31943 KING
- 1630 Dick A A 859-4560
- 1648 Wiebe W 853-3632
- 1649 Bennett F C @ 859-9717
- MARSHALL RD EXTENSION ENDS
- 1709 Occupied
- 1733 Loewen A @ 859-9389
- 1736 Veer W J @ 859-4585
- 1745 Okkerse T H masonry constr
859-9235
- 1762 O'Brien D L @ 859-5327
- 1772 Weir N W 853-3440
- 1789 H & H Trailer Sales & Rentals
853-2894
- 1789 Hildebrandt H J @ 853-2894
- 1794 Vacant
- NOT OPENED THROUGH
- 1806 Rawleigh Prods 859-8323
- 1806 Toews W F @ 859-8323
- 1882 Isaac H P @ 859-8551

Clearbrook Drygoods, Ready-To-Wear and Fabric Centre

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32031 SOUTH FRASER WAY

PHONE 853-1361

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2467 PAULINE ST.

PHONE 853-1151

ABBOTSFORD

Clearbrook Rd - Contd

1824 Bergen Mrs K © 859-4002
 1858 Matties H © 859-5739
 MARSHALL RECOMMENCES
 JOYCE BEGINS
 2085 Lescheid W 859-7379
 2095 Friesen Equip farm equip
 859-7644
 2121 Wiebe J © 853-2435
 2132 Itcush Mrs P © 859-4557
 2139 Occupied
 2153 Vacant
 2166 Dueck J A © 853-2942
 2175 Thiessen J R 859-8842
 2182 Rempel G J © 859-9780
 2194 Friesen D D 853-1576
 2197 Lark Mtrs serv sta 853-3815
 MELMAR BEGINS
 2211 Fleming J J © 859-8581
 2231 Lawson E J 859-7839
 2245 Occupied
 2276 Manley E W © 859-8336
 2285 Bakerview Mennonite Brethren
 Ch 859-4611
 FIR BEGINS
 2310 Vacant
 2311 Whitmore P 859-4164
 2328 Bergen Mrs T © 853-1631
 2331 Shroeder Mrs T © 859-9775
 2339 Derkson Dr W H © 853-3115
 2349 Goerz J © 859-5198
 2359 Sawatzky Mrs A © 859-8277
 2360 Wiens J J © 859-7372
 2369 Dyck Miss M
 2372 Andres W G © 853-3415
 2377 Epp G P © 859-9596
 PEARDONVILLE INTERSECTS
 2410 Pankratz Mrs J © 859-4487
 2411 Ferns Beauty Nook beauty salon
 859-4914
 2420 Krahn I I © 859-8650
 2421 Occupied
 2430 Martens Mrs S © 853-1891
 2431 Reimer Rev B D 859-7241
 SUNRISE CRES BEGINS
 2440 Krahn Mrs M © 859-8174
 2448 Buhr Mrs A 859-5914
 2455 Warkenten A © 859-8520
 2458 Occupied
 2466 Baxandall J © 859-4908
 PINEVIEW BEGINS
 2467 Block Mrs K ©
 2486 Peters Mrs K © 859-8929
 2487 Friesen D A © 853-2305
 SUNRISE CRES ENDS
 2494 Advance Htg © 859-7261
 2497 Hildebrand Mrs M © 859-4162
 2500 D&D Constn bldg contr 859-8267
 2500 Dyck A A © 859-8267
 2502 Laudromat
 2502 Huffman J
 2502 Epp J
 2502 Friesen D

Clearbrook Rd - Contd

2507 Schmidtke C © 859-7025
 2508 Enns I G A Foods
 2516 Occupied
 HILLCREST BEGINS
 2519 Occupied
 2529 Occupied
 2539 Rogalsky H J © 859-5508
 2539 Schmidt A D © 859-8229
 2540 Friesen Mrs M © 853-2704
 2548 Kopp P P 859-5593
 2549 Loewen F F © 859-4055
 CEDAR LANE BEGINS
 2569 Heppner J ©
 2577 Vacant
 2579 Valley Taxidermy & Fibreglass
 859-4740
 2580 Filter Queens Sls vacuum clnrs
 859-8430
 2580 Wallace D H 859-4939
 SOUTH FRASER WAY INTERSECTS
 2611 Laundromat
 2613 Vic's Barber Shop 859-5440
 2615 Marshall Wells Plaza Hdw
 859-5612
 2627 Penner's Pharm 853-2421
 2631 Can Imperial Bank 853-3344
 2635 Heppner Jwlr 859-4016
 2639 Clearbrook Food Centre 853-2310
 2640 Vacant
 2642 Giddings M E 853-1368
 2651 Neufeld Mrs E J © 853-1432
 2666 Epp D D P 859-8379
 2672 Wiens J A © 859-8865
 DUECK ENDS
 2682 Schmor Miss C 853-1038
 2689 Harder H
 2691 Tieszen A H © 859-8841
 2693 Letkamen Mrs H © 853-1945
 2694 Mielke F © 853-1884
 NOBLE BEGINS
 2704 Enns Mrs S B © 859-9212
 2716 Buller Mrs H © 859-9822
 2728 Brandt J K © 859-9822
 2736 Sukkau J A © 859-4190
 2758 Gyuricza E © 853-1066
 OLD YALE INTERSECTS
 2770 Neufeld M L piano tchr ©
 859-5388
 2700 Neufeld W R violin tchr ©
 859-5388
 2780 Wiens Mrs H © 859-5389
 MT WADDINGTON BEGINS
 2794 Derksen J J © 853-2402
 2808 Brown J I © 859-4273
 2816 Wiens H J © 859-9547
 2826 Peter's B B © 859-9959
 2834 Hodel Miss O R © 859-7042
 2836 Gutwin Miss H 859-4978
 TIMS BEGINS
 2844 Peters C N © 853-2179

Clearbrook Rd - Contd

2855 Occupied
 1 Stonehouse R 859-7273
 2 Woloschuk D 859-9593
 3 Dyck E C bldg contr 859-4561
 4 Regier P
 2860 Nickel Mrs M © 859-4561
 2873 Zurovski H C © 853-3620
 2876 Stralutat E 853-2348
 2882 Paetkau Miss M ©
 2890 Reimer H G © 859-5319
 HOPEDALE ENDS
 DAHLSTROM BEGINS
 2901 Wiebe Mrs C 853-3596
 2911 Niessen P 853-2980
 2940 Mennonite Brethren Bible Inst
 sch 853-3358
 2940 Mennonite Brethren Mission of
 BC 853-3358
 2940 Mennonite Brethren Christian
 Educ Ofc 853-3358
 2940 BC Conference of Mennonite
 Brethren Churches 853-3358
 2944 Schmidt G 859-8102
 2953 Occupied
 2972 Belton T
 2985 Braun G © 853-3865
 2992 Braun N © 859-9660
 CORAL ENDS
 3019 Umrh J W 859-9301
 3026 Schierling J 853-2936
 3035 Suderman H J 859-5849

COMMERCIAL ST

NORTH TO 32547 SOUTH FRASER
 WAY

2629 Ace Hydraulics mach shop ©
 859-4442

2649 Occupied

SOUTH FRASER WAY INTERSECTS

CONWAY PL

SOUTH FROM HIGGINS

CORAL AV

EAST FROM 2953 PRINCESS

31796 Stelting H E © 859-7768

31798 New House

31800 New House

31802 New House

31804 New House

CASTLE CT BEGINS

ROYAL ENDS

CLEARBROOK INTERSECTS

COUNTESS CRES

NORTH FROM 31876 OLD YALE

2626 Wiebe D P © 853-1787

2627 Reimer J A © 853-2328



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PHONE 859-5264

Abbotsford

Victory Blvd - Contd

- 33863 Kehler J H @ 859-4922
 33866 Hagen A M @ 859-9702
 33873 Buhler J @ 859-9522
 TAYLOR WAY BEGINS
 33876 Bukowski E @ 859-8119
 33886 MacDougall Mrs J W @ 859-9410
 33897 Smith P P E @ 859-5001
 33898 Johnson Mrs B @ 853-3952
 33906 Kissock P @ 853-2423
 33911 Hrussoezy V @ 853-2495
 33916 Deas A M @ 859-9910
 33919 Boulton J H @ 853-1248
 33927 Csuti L J @ 859-5649
 33934 Raglan E A @ 853-2578
 GRANT ENDS
 33937 Ciccone V G @ 859-4082
 33947 Dodd H F @ 853-1337
 33954 Caul L L @ 859-4215
 33959 Newby W C @ 859-9695
 33969 Pongracz F @ 859-5372
 33970 Buchanan R
 33977 Kleininger J @ 859-5004
 MCKENZIE INTERSECTS

6

VINEWOOD ST

- NORTH FROM 33245 MARSHALL
 2018 Balliet P A 859-5634
 2021 Sandstrom H V @ 853-1739
 2029 Gee F
 2030 Occupied
 2040 Day P J @ 853-2651
 2051 Brogaard Mrs I @ 859-4366
 2052 Warkentine Mrs M @ 859-9603
 2061 Vacant
 2062 Cochrane G F @ 859-5717
 2071 Hoock O 859-9026
 2072 Sabo J @ 859-5765
 2079 Hada J @ 859-5065
 2082 Yanko S P @ 853-1359
 2085 Brown E I @ 853-2092
 MAYFAIR BEGINS
 2108 Carson I S @ 853-2180
 2109 Fall Norman R 859-8863
 2121 Lusty A A @ 853-2587
 2131 Occupied
 2141 Enns Mrs E @ 859-8971
 2143 Timar J @ 859-4014
 2148 Smorenburg W @ 859-4445
 2153 Renner D L @ 859-4226
 2158 Heitzmann J @ 859-9154
 2170 I Grant Mrs M 853-6040
 2 Occupied
 3 Occupied
 4 Oostenbrug Mrs T
 2182 Collins F
 2185 Johansen J P @ 853-2990
 2190 S Clark M A
 2192 G Sigfusson Mrs S M
 WARE INTERSECTS

WALKER CRES

- SOUTH FROM 34600 BLK MARSHALL
 34668 Van Tilborg R 859-4239
 34670 Straiton R D @ 859-8331
 SKYLINE BEGINS
 34691 Siebold C H @ 859-8217
 34694 James N V D @
 34709 Paul J D @ 853-2385
 34729 Funk M C @ 853-2774
 34734 Walker H C 859-8882
 34746 Gibbard E H @ 859-9252
 34752 Klippenstein H @ 859-9689
 MARSHALL INTERSECTS

10

WALNUT ST

- EAST FROM 2722 GLADYS
 ABBOTSFORD MISSION HWAY
 BEGINS
 33887 Jantz H W 859-4761
 McCRIMMON BEGINS
 33902 Berry W J @ 859-5363
 33904 Froese Miss R M 859-8300
 33907 Van Dorp H C @ 859-5629
 33919 Allinott A I @ 859-5557
 33923 Occupied
 33945 Fast K J @ 853-1440
 MAPLE INTERSECTS
 33986 Sollied B M @ 859-9086
 33988 Domke Mrs E M @ 859-5050
 33993 Kasper W H @ 853-3200
 PRATT AND CAMBRIDGE BEGINS
 34115 Bukowski Mrs L 859-4956
 WOODLAND BEGINS
 34161 Chausse W H @ 859-4093
 34171 Klew K @ 859-5776
 34181 Kvist H A @ 859-9402
 ASH INTERSECTS
 GREEN BEGINS

11

WALSH AV

- EAST FROM 2593 WARE
 33236 Gough & Co Ltd elec equip
 859-9804
 33241 Home Oil Distrib 853-2177
 ALLIANCE INTERSECTS

5

WARE ST

- NORTH FROM 33218 MARSHALL
 2010 Kroeker J F @ 859-8943
 2020 Grant W L 859-4256
 2030 Klassen G H @ 859-9173
 2039 Peace Lutheran Ch 859-5409
 2040 Blue M @ 853-1530
 2047 Doering Rev F 859-5409
 2050 Bos R W 853-3608
 2062 Occupied
 2065 Vacant
 2067 Buller H 853-1746
 2070 Freund G @ 859-5695
 2075 Walter R bldg contr @ 859-4762

6

Ware St - Contd

- 2077 Vacant
 2078 Vacant
 2082 Occupied
 2090 Rasmussen W @ 859-9088
 2096 Occupied
 BRUNDIGE ENDS
 2113 Myers C W @ 853-2368
 2127 Sousedik F 859-8088
 2129 Mayer W W 859-7281
 2130 Szabo W @ 859-9927
 2141 Morrison T R @ bldg contr
 859-9073
 2142 Occupied
 2152 Occupied
 VINEWOOD ENDS
 2184 Brown C J 853-2149
 2191 Godson A S
 BEVAN ENDS
 2221 Bev-Way Grocery 859-5573
 2221 Blackman H A @ 859-5573
 2222 Abbotsford Jr Secondary Sch
 859-7125
 2223 Occupied
 2235 Occupied
 2243 Occupied
 2255 Fleming J 859-8159
 2258 Hein W E @ 859-9761
 2294 Ferguson Mrs E M 859-9661
 2296 Benedict D H 859-7297
 ALTA CRES BEGINS
 2306 Friesen P E @ 859-5407
 2313 Des Mazes Mrs J @ 853-1763
 2322 Templeton E B @ 859-8306
 2339 Mahoney J A 859-7255
 2356 Richardson J B @ 853-3857
 FARRANT CRES BEGINS
 2365 Reed D M @ 853-2779
 2365 Nokleby B O 853-3162
 2370 Supernal Homes bldg contrs
 853-1953
 2370 Funk H D @ 853-1953
 2377 Pawlovich Dr J P @ 853-3122
 2385 Crocker P B @ 853-1315
 2387 Kariton W N @ 859-8461
 2394 Butchart J F @ 859-8243
 RAVINE BEGINS
 2414 Krahn Dr J J @ 859-4707
 2423 Occupied
 2425 Terlingen Dr H A 859-4647
 2425 Wattie Miss M 853-1947
 2440 Neal L C @ 859-8944
 PLAXTON CRES INTERSECTS
 2445 Lakeside Ter apts 859-7525
 101 Stirn J F 859-7086
 102 McRae M D 859-7574
 103 Osborne P J 853-2637
 104 Spence P R 853-1239
 201 Deyo Dr A W 853-2072
 202 Alp J E 859-5785
 203 Gaetz M L 859-9824

5

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1980

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PUBLISHED IN TWO EDITIONS

THE HOME SUPPLEMENT EDITION containing the following departments:

1. The alphabetical listings of residents indicating occupation, marital status, address and telephone number. Included also are business concerns with indication of owners, managers or executives.
2. The Classified Business Directory with listings of business firms, professional services, tradespeople, organizations, schools, hospitals, libraries, public buildings, etc.

THE COMPLETE BUSINESS EDITION containing the following in addition to the two departments contained in the HOME SUPPLEMENT EDITION as listed above:

1. A STREET AND AVENUE GUIDE which lists residential homes, business locations with telephone numbers by street address. Home ownership is also indicated.
2. A NUMERICAL PHONE INDEX. Listing all existing phone numbers numerically, with names of individuals residing at location of telephone.



IMPORTANT TO ALL RESIDENTS — This Directory was made possible through the splendid co-operation of those business firms of this area whose advertisements appear in it, thus your patronage of these prominent firms will compensate for their progressive effort on your behalf.

PUBLISHER'S NOTE — We wish to thank all the advertisers for the gracious manner in which our representatives were received. To the householders, the business firms, we are also indebted for co-operation received in obtaining the information contained herein. It is our earnest hope that the Directory pleases everyone.

B. C. DIRECTORIES

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PUBLISHERS

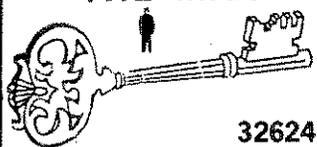
100 East 4th Avenue

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CHARLES CT —FROM 31809 CONRAD AV NORTH

- 3060 Loewen Fred @ 853-6791
- 3061★Morphy James @ 853-8651
- 3068 No Return
- 3069 Ewert Peter J @ 853-5262
- 3076 No Return
- 3077 Storey Charles @ 859-1155
- 3086 Sloan Floyd @ 853-5172
- 3187 Braun Geo @ 859-9893

CHARLOTTE AV —FROM 3090 PRINCESS ST WEST

- 31605 No Return
- 31613 Miller Albert @ 859-4924
- 31621 No Return
- 31629★Illner Norbert @ 853-7233
- 31636 No Return
- 31638 Middleton Terry 589-6635
- 31639 No Return
- 31646 Griffith Wayne M 853-5721
- 31649 Edwards Doreen M @ 859-4969
- 31656★Dick Saml @ 859-8953
- 31659★Sharp Lorne 853-7779
- ★Carding Eric @ 853-7779
- 31666 Craig Dale @ 853-4016
- 31667★Goertzen Frank @ 859-0454
- 31677 No Return
- 31678 Crozier Wm G @
- 31685 Munro Hugh K @ 853-8853
- 31688 Vacant
- 31695★Horvath P J @
- 31698 Cochran S 853-9356
- 31703 No Return
- 31706 Janzen Walter @ 859-7874
- ★Unger John H

CHERRY ST —FROM 33605 MARSHALL RD NORTH

- 2020 Trinity Lutheran Church 853-9227
- 2045★Carriere L J 853-3431
- 2054 Kuhar Saml W @ 853-2992
- 2059 Hampel A @ 853-2077
- MAYFAIR AV INTERSECTS
- 3222 Vanderveen Jess
- 3223 Walker Doug @ 853-0933
- 3231 No Return
- 3232★Soathof Bruno @ 853-9317
- 3246 Scott Ralph A @ 853-6397
- 3256★Parlee Rod G 859-3073
- 3267 Hicks L A @ 853-1469
- 3268 No Return
- 3279 Beaulieu Geo P @ 853-4698
- 3282 No Return
- 3291 Hunter Glen 859-9452
- 3293 No Return
- 3296★Lalumiere Donald E @ 859-4104
- 34667 Starr Ramsbottom & Leskun chartered accts 853-9651
- Starr Robt A @ 853-9651
- BEVERLEY CRES ENDS
- 34867 Starr Ramsbottom & Leskun chartered accts 853-9651
- Starr Robt A @ 853-9651
- BEVERLEY CRES ENDS

CHATEAU PL —FROM 32023 SHERWOOD CRES SOUTH THEN EAST

- 2119 Exley Ron @ 859-1628
- 2120 Borley Leonard 853-6312
- 2123 Dobson Albert 853-5166
- 2124 Toor Sukhdev @ 853-9565
- 2125 No Return
- 2128 Blakeburn Gary 853-2649
- 2129 Wedel David A @ 853-2114
- 2132 Penner Otto C 853-6768
- 2133 Dyck Jake P 853-1784
- 2134 Ketler Rudolf @ 853-6829
- 2135 Reimer Peter A 859-8254
- 2137 Pauls Peter 859-4041
- 2139 Wiebe Abe @ 859-8674
- 2140 Friesen Helen Mrs 853-4754
- 2159 Dhalla Sadrudin A 853-3269

CHELSEA AV —FROM 2150 SANDALWOOD CRES WEST (NUMBERS REVERSED)

- 33256 Stuart Forbes A @ 859-9428
- 33257 Siska Julia @ 859-9421
- 33267 Stewart Barry L @ 853-3650
- 33277 Drew Wm A @ 859-4634

CHESTNUT ST —FROM 34661 OLD CLAYBURN RD NORTH

- 3222 Vanderveen Jess
- 3223 Walker Doug @ 853-0933
- 3231 No Return
- 3232★Soathof Bruno @ 853-9317
- 3246 Scott Ralph A @ 853-6397
- 3256★Parlee Rod G 859-3073
- 3267 Hicks L A @ 853-1469
- 3268 No Return
- 3279 Beaulieu Geo P @ 853-4698
- 3282 No Return
- 3291 Hunter Glen 859-9452
- 3293 No Return
- 3296★Lalumiere Donald E @ 859-4104
- 34667 Starr Ramsbottom & Leskun chartered accts 853-9651
- Starr Robt A @ 853-9651
- BEVERLEY CRES ENDS
- 34867 Starr Ramsbottom & Leskun chartered accts 853-9651
- Starr Robt A @ 853-9651
- BEVERLEY CRES ENDS

CHURCH ST FROM 32061 PEARDONVILLE RD NORTH

- 2424 Siemens Rudy @ 853-2919
- 2425 Zacharias John L Rev @ 853-1488
- 2432 Bergen Jacob J @ 859-4653

- 2435 Martin Donald @ 859-9190
- 2440 Bergen Edna @ 859-5172
- 2441 No Return
- 2448 Bergen Elias @ 853-1774
- 2449 Neufeld Jacob @ 859-5078

CLARKE DR —FROM 33750 BUSBY RD NORTH

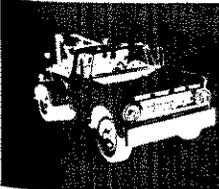
- 2282 Haines Douglas @ 853-9081
- 2283 Hougen Alex I @ 853-2510
- 2295 Patterson A @ 853-2009
- 2298 Miller Margt L Mrs @ 853-2410
- 2311 Webster Ferguson C @ 853-1726
- 2314 Perry Elaine V Mrs @ 853-5631
- 2319 Thiessen John I @ 853-2845
- 2326 D'Andrea Albert @ 853-3657
- 2327 Battistoni Cyril F @ 853-3124
- 2335 Hoppe Edwin W @ 859-9958
- 2336 Scott Thos @ 853-1424
- 2346 No Return
- 2347 Inman Richd B @ 853-1500
- 2355 Harder Isaac G @ 859-5662
- 2358 Hapiuk Nick @ 859-9014
- 2369 Groothof E @ 859-9495
- 2370 Kraft John G @ 859-8926
- 2393 Pawlovich John P
- MC DOUGALL AV INTERSECTS

CLAUDIA CT —FROM 31788 CONRAD AV NORTH

- 3058 Grant Marvin C @ 859-6178
- 3059 Vacant
- 3068 Crispin O M @ 853-7249
- 3069 Lochbaum Robt @ 853-5553
- 3078★Dearle Geo 859-0636
- 3079 Switzer Paul R @ 859-2562
- 3088 Jones Gerald @ 853-4649
- 3089 Fitzgibbon Thos M @ 853-4158

CLEARBROOK RD —FROM 31943 KING RD NORTH

- 1630 Ollenberger Monty 853-7645
- 1648 Full Gospel Bus Men's Fellowship (Abbotsford) 853-3125
- Wiebe Wm @ 853-9632
- 1694 Kleinfelder Eileen @ 853-9058
- 1709 Hendricks Julius @ 859-8351
- 1733★Friesen M G 853-1218
- 1736 No Return
- 1745 Peters Larry @ 859-8148
- 1762★Hardless H
- 1772 Stewart Gary 853-7844
- 1789 H & H Trailer Sales & Rentals Ltd 853-0701
- Hildebrandt Henry J @ 853-0701
- 1794 Vacant
- NOT OPENED THROUGH
- 1806 O'Brien David L @ 859-5327
- 1822 No Return
- 1834 Bergen Katharina Mrs 859-4002
- 1858 Matties Henry @ 859-4434
- MARSHALL RD RECOMMENCES
- JOYCE AV BEGINS
- 2073 Country Inns 859-3114



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Abbotsford

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ABBOTSFORD, B.C.

16

CLEARBROOK RD—Contd

- Herby's Restaurant 859-3810
 2095 Mc Causland Consulting Services Ltd
 poultry consulting 853-0754
 Agripharm Supplier Ltd 859-2714
SHERWOOD CRES ENDS
 2104 Reimer M 853-3437
 2112 Johnson Garry A @ 859-7473
 2121 Renpenning David @ 859-4272
 2122 Mangelsen Fred @ 859-1847
 2132 Itcush Pearl @ 859-4557
 2139 Matsqui Electronics Alarm
 Components Inc 859-7466
 General Auto Parts & Machine
 853-8631
 Lark Motors Limited 853-2304
 2156 No Return
 2166***Koop Peter** 853-0102
SHERWOOD CRES BEGINS
 2182 Rempel Geo J @ 859-9780
 2194 Cassidy G W @ 853-4239
 2197 Clearbrook Marine Ltd 859-6771
MELMAR ST BEGINS
 2211 Glenwood Manor
 101 Matties Agnes 853-0572
 102***Cornelson T W**
 103 Fast M 853-1925
 104 Stroyan Phillip B 859-6281
 105***Fischer V** 853-7184
 106***Dick H**
 107 Carter H 853-6704
 108 Windover R Earl @ 853-5239
 109 Bursner Erna Mrs @ 853-7678
 110 Ostrus G @
 111 Neuman E 859-9039
 112 Derksen F J 853-1866
 113 Schmidt L
 114 Burns Geo @ 859-8672
 115 Warkentin J @ 859-5148
 116 Regehr A @
 201 Loewen W
 202 Thiessen J H 853-9731
 203 Ince E A 853-7257
 204 Vacant
 205 Stahl K 859-7335
 206***Krause Abe J** 853-6943
 207 Allen D
 208 Peters A 853-9706
 209***Loewen J M** 859-5081
 210 Isaak M 853-8037
 211 Braun Henry J 859-9216
 212***Mottishaw L** 859-6176
 213 Isaak A D
 214 Janzen M 859-5630
 215***Felch Ernest E** 853-9734
 216 Dirks T
 301 Andres Peter H @ 853-6306
 302***Wiebe J J** 859-3009
 303***Neufeldt A J**
 304 Loewen P
 305 Dokimenko P 859-6266
 306 Stangeland Ole M 859-7526
 307 Kaethler M
 308 Friesen Nick N Rev 853-0338
 309 Ries Anna Mrs 859-8881
 310 Bittner R @ 853-6670
 311 Janzen Lena F 853-6268
 312 Funk Jake D 859-9305
 313 Neufeld F Mrs 859-1650
 314 Wiebe Paul J @ 853-3092

- 315 Isaac Leona 853-0853
 316 Bruner Robt A @ 859-4366
 2231***Wallace David** 859-5060
 2238 Hassall Sidney S @ 853-0543
 2245 Pratt E E @ 859-9201
 2248 Vacant
 2258 Vacant
 2268***Nagy S** 859-0998
 2276 Wilson I 859-5488
 2285 Bakerview Mennonite Brethren
 Church 859-4611
OAK AV ENDS
 2311 Friesen Roy 859-2468
 2328***Dolan R M** 853-9190
 2331 Edgar Brian B 859-6579
 2339 O'Brien Michl S @ 859-9366
FIR AV BEGINS
 2349 Dyck A 853-4302
 2359 No Return
 2360 Wiens John J @ 859-7372
 2369 Smith Fern D Mrs 853-4301
 2372***Chariton Kirk** 853-8696
 2377***Pieguth C H** @ 853-7483
PEARLTONVILLE RD INTERSECTS
 2411 Fern's Beauty Nook 859-4914
 2418 Mac's Convenience Store 853-7626
 2420 International Books Records &
 Giftwares 859-3246
 2421 Enns Geo @ 853-2190
 2430 Penner Katie @ 859-5005
 2431 Berry Forrest A 859-6339
SUNRISE CRES BEGINS
 2440 Krahn M @ 859-8174
 2448 Three D Cycles The Honda 859-4732
 2455***Sjolie Kevin**
PINEVIEW AV BEGINS
 2464 Offices
 101 Guilford Industries Ltd 853-0747
 102 Pat & Lou's Hair Design 853-5388
 103 Vacant
 201 Robertson Becker Balakshin &
 Downe 859-7161
 202 Loewen Healey & Co 853-6742
 203 Mill Donald H consulting civil
 engs 859-2435
 2467***Deshais Roger** 859-0783
 2486 No Return
 2487 Friesen David A @ 853-2305
SUNRISE CRES ENDS
 2494 Golden Age Society 853-5532
 Clearbrook Handicraft Souvenir &
 Gift Shop 853-5532
 Sunset Travel Service 853-5532
 Clearbrook Community Services
 853-5616
 2497 Hildebrand M @ 859-4162
 2500 Bhagat Enterprises 853-4312
 2502 Busy Bee Cleaners 853-7061
 2506 Toews Sewing Centre 853-1646
 Toews Music Centre 859-1801
 2516 Tru Fit Shoes Ltd 859-9914
 ***Shore Ted** 853-5335
 2516a Otano Mike
 2516b Cooper E
HILLCREST AV BEGINS
 2532***Roulston A** 859-6258
 2540***Borman Edw** @ 853-7246
 2548 Wiebe K P & Co 853-4844
 Linley Dignan Wattie & Brown
 859-7134

- Bank Of Nova Scotia The 853-7485
 2564 Clearbrook Waterworks District
 859-8173
 2566 Bernhard's Hair Styling 859-5625
CEDAR LANE BEGINS
 2580 Funk's Supermarket 853-9155
SOUTH FRASER WAY INTERSECTS
 2336***Leach W D** @ 853-2964
 2611 Clearbrook Laundromat 853-7251
 2613 Vic's Barber Shop 859-5440
 2615 Plaza Pro Hardware Ltd 859-5612
 2627 Auld Phillips Store 853-7145
 2631 Canadian Imperial Bank Of
 Commerce 853-3344
 2639 G & H Shop And Save 853-2310
 2672 No Return
DUECK CRES INTERSECTS
 2682 No Return
 2694 Vacant
NOBLE AV BEGINS
 2704 Hunter Irene @ 859-6639
 2716 Toews Dick F @ 859-4364
 2719 Clearbrook Mennonite Brethren
 Church 859-4144
 2728 Bonn Janice L 853-2623
 2736 Manns Wilbur A @ 853-7355
OLD YALE RD INTERSECTS
 2758 Gyuricza E 853-1066
 2770 Neufeld Menno L mus tchr @
 859-5388
 Neufeld Walter R mus tchr @
 859-5388
 2780 Boyer Arth J @ 853-5604
 2781 Mennonite Educational Institute
 859-9762
 2794 Derksen John J @ 853-2402
MT WADDINGTON AV BEGINS
 2808 No Return
 Hilsen Harry @ 859-5534
 2816 No Return
 2826 Vacant
 2834 Hodel Olga @ 859-7042
 2836 Toews Arth 859-1483
 2844 Driedger David F @ 853-5237
TIMS CRES BEGINS
 2855 Apartments
 1 No Return
 2 Melnik M J 853-8715
 3 Vacant
 4***Heppler S** 859-7820
HOPEDALE AV ENDS
 2873***Gass Ron** @ 859-2235
 2882 Teigrob Ed 853-0461
 2885 De Buhr H @ 853-8232
 2895 Niessen E @ 853-2980
DAHLSTROM AV BEGINS
 2905***Townsend Clifford** 853-9053
 2915 Braun David J @ 859-7362
 2929***Friesen Rudolf** @ 859-2575
 2939***Seen Jacob** @ 859-0690
 2940 Columbia Bible Institute sch 853-3358
 B C Conference Of Mennonite
 Brethren Churches 853-3358
 2944 Dorm Of Columbia Bible Institute
 2949 Loewen E @ 853-6647
 2960 No Return
 2972 Vacant
 2985 Kamper John @

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CLEARBROOK RD—Contd
 2992 No Return
CORAL AV INTERSECTS
 3015 Unruh John W @ 859-9301
 3026 Chorm Louis @ 859-8330
 3027 Koop Bernard @ 859-3923
 3035 Rosewood Manor
 101*Beetstra A 853-1541
 103*Nisbet N 853-5792
 104*Visser M
 201*Windover E
 3065 Apartments
 101*Mc Kimmon B 859-0727
 102*Fontaine Ray 853-4134
 103*Corbett E T
 104*Russell Andy
 105*Adams N A 859-3623
 106*Janowski D 853-9629
 107 Vacant
 108*Payne Koddy H
 109*Nash M 853-4659
 111 Whitaker
 112*Kotiuk Glen
 113 Vacant
 114*Warkentin G
 115 Brient T 853-1566
 116*Delpport R 859-4817
 117 Woods K B 853-0517
 118 Reimer H W 859-9000
 119*Dainsby K
 201*Reid D 859-9560
 202 Vacant
 203*Sudomlak Nick 859-2075
 204*Mackie A 853-3394
 205*Marcellus E 859-6487
 206*Scott Brad 853-0630
 207*Rempel K 859-6667
 208*Alton E O 859-3159
 209*Bowyer D 859-1820
 210*Howarth K 853-5316
 211 Klassen
 212 Mc Gregor Al 853-5259
 213*Reimer A 853-2183
 214*Guillemaud J 859-7482
 215*Loewen B
 216*Tillotson Charlie 859-6750
 217*Yeo Barry
 218*Webster J 859-2094
 219*Bayne P
 301*Anderson C 853-6484
 302*Mc Gowan M 859-6826
 303 Friesen Sue 859-2014
 304 Fulwiler Kenneth 853-4095
 305*Funk M
 306 Laseur Arnold J 859-6517
 307 Shore D A 859-6304
 308 Moritz Paul 853-1737
 309*Unruh Ben 853-7775
 310*Epp Henry 859-0355
 311*Smith D 853-1995
 312 Siddle Graham 853-6141
 313*Staicue J
 314*Jenken F
 315*Hardie J M 853-9229
 316*Lyons D 859-0607
 317*Bates Dale 853-0292
 318*Whereat A 853-2250
 319*Alden R 859-1514
 3106 Clearbrook Arena 853-1920
CHARLOTTE AV INTERSECTS

3133 Banas Robt @ 859-4038
 3143 Rempel D C @ 859-5330
 3154 Murphy C D
 3216 No Return
 3222 No Return
 3223 Under Constn
 3230 No Return
 3244*Johnston Edw F @ 859-8644
 3252*Rofet Colin @ 859-8425
 3262 Vacant
 3279*Doerksen Abe G @ 859-5301
 3313 Under Constn
 3331 Under Constn
 3339 Under Constn

**CLEARVIEW CRES —FROM MONTE
 VISTA AV EAST**

SUNNYSIDE ST BEGINS
 31563 No Return
 31564 Fast A @ 853-5704
 31567 Bergen Peter @ 853-0402
 31570 No Return
 31571 Care Construction brklyng contr
 859-7907
 Montler John @ 859-7907
 31573 Loewen Peter @ 853-3173
 31575 Bogle Frank @ 859-9215
 31585 No Return
 31595 Krahn Peter @ 853-7388
 31606 Johns H V @ 853-0809

**COMMERCIAL ST —FROM 32671
 ROSSLAND AV NORTH**

2629 Ace Hydraulics mach shop 859-4442
 2649 Hambley J J Hatcheries (B C) Ltd
 853-6421
 2669 Vacant
SOUTH FRASER WAY INTERSECTS

**CONRAD AV —FROM 2900 BLK
 PRINCESS ST EAST**

31788 Eddy Wayne @ 859-9605
 31789 Goerz Aaron @ 859-5319
 31798 Janzen Wm @ 859-9012
 31805 Langell M 859-9313
 31808 Enns Jake @ 859-6974
CHARLES CT ENDS
 31818 Gifford Allan @ 853-6868
 31831 Fast Elmer I @ 859-6366
 31844 Gibson Simon J @ 853-1746
 31849*Zurowski John @ 859-0670
CLAUDIA CT ENDS
 31856 No Return
 31868 Benson John M @ 853-0512
 31875 Rahn Jacob P @ 853-6014
 31882 Preston Norman A @ 853-5679
 31894 Burgess Robt B @ 853-8908
 31895 Karans Joseph F @ 853-0631
CARLA CT ENDS
 31904 Mc Kay Desmond A @ 853-0459
 31918 Reddicopp A @ 859-8288
 31928 Thompson Fred @ 859-9987
 31937 Valley Two Way Radio
 Neufeld Donald @ 853-8657

ROYAL ST INTERSECTS

CONSORT CT

3139*Deveer H @ 859-6479
 3140*Swinton Richd @ 859-8183
 3149 Vacant
 3150*Goertzen Henry 859-4670
 3159 Under Constn
 3160*Rushton David @ 859-4567
 3169 No Return
 3170 Under Constn
 Vacant
 3174 Under Constn
 3175 Under Constn
 3180 Under Constn

**CONWAY PL —FROM 33485 HUGGINS
 AV SOUTHEAST**

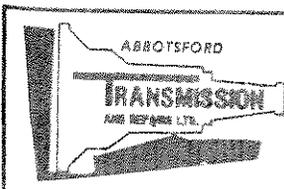
33452 Bailam Raymond F @ 859-4077
 33456 Edmondson Thos @ 859-5350
 33460 Young Charles T @ 853-2341
 33464 Chiang Jia-Ling
 33468 Knipstrom Robt @ 859-1479
 33472 Lupuliak Geo @ 853-5253
 33476 Vinet J Paul @ 859-9220

**CORAL AV —FROM 3000 BLK
 PRINCESS ST EAST**

31796*Dueck Willy @ 853-0270
 31797 Laslop Joseph @ 859-8967
 31806 No Return
 31807*Geleta Peter G @ 853-6718
 31816 No Return
 31830 Loeppky David B @ 859-1523
 31831*Black R F @ 853-5059
 31843 Lewis Charles @ 859-8527
 31844 Jahrig Gunter @ 853-6976
 31854 Vacant
 31857*Dannes Ortwin @ 859-8043
 31867*Mc Nabb John D 859-7438
 31868 Braun Heinz @ 853-5817
CASTLE CT BEGINS
 31877 Penner A @ 859-8625
 31187 Schellenberg Wesley @ 853-6588
 31907 Stachiw Edw @ 853-6753
 31916 Pauls David @ 853-2602
 31917 Gerty Brian @ 859-3426
 31927 Suderman Henry J @ 859-5849
 31928 No Return
 31940 Brandon P M @
ROYAL ST INTERSECTS
CLEARBROOK RD INTERSECTS

**CORDOVA AV —FROM 1900 BLK
 ALBION ST WEST**

32244 Rempel Dietrich @ 853-8932
 Rempel Steph
 32245 Tessaro Joe
 32255*Thind Mohinder S 859-2403
 32265*Viesulas Bruce N @ 859-2982
 32275 Rogers Michl B 853-1954
 32285*Emann Otto @ 853-7409



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VICTORIA ST —FROM 31872 UNION AV NORTH

2554*Trask Philip R @ 859-0766
2570 No Return
2577 Reinke Rudolph F @ 859-4037
2620 No Return
2621 Chace Joseph
2630 Plett Frank @ 859-2005
2631*Mochofski Joseph @ 859-0315
2640 Peters Franz A @ 853-1769
2641 Banas J @ 859-2790
2650 No Return
2651 Schmidt Kathie
2660 Enns John H @ 853-2549
2661 Moroz Henry @ 859-1891
2670 Friesen Jacob J @ 859-9104
2671 Dvck E @ 859-3158
2680 Kettle Robt L @ 853-5167
2681 No Return
2690 Sawatzky Henry J @ 859-9043
2691 Enns Cornelius C @ 853-2644
2702 Schmidt K @ 853-3055
2703 Giesbrecht Geo @ 853-0012
2712 Derksen Julius J @ 859-9051
2713 Goetz Gerhard @
2723 Streber Geo 853-7668
2730 Froese Jacob @ 859-7856
OLD YALE RD INTERSECTS
2771 Hooge Peter P @ 859-4491
2776 Funk Henry G @ 853-1470
2779 West Marie @
2789 Janzen H @ 853-3943
2790 Bahman Peter J @ 859-8261
2799 No Return
2802 Giesbrecht David @ 853-0382
2809 Taekema John @ 859-4257
2815 No Return
2823 No Return
2831 No Return
2840 Vacant
2841 Vacant

COUNTESS CRES BEGINS
2851 Warkentin Dan 859-9352
2861 Ashdown Clarence V @ 853-8673
2871 Rempel T @ 859-5021
HOPEDALE AV BEGINS
2886 No Return
2889 Block D J 859-5720
2894 Smith Angus @ 859-6637
2895 Baerg Isaac M 853-2023
2902 Rempel Gerhard 853-7959
2905 No Return
2912 Schellenberg Peter @ 853-8662
2915 Falk Werner @ 853-3417
2922 No Return
2925 Funk Frank @ 853-5349
2940 Orth Aug E @ 853-5109
CARLSRUE AV INTERSECTS

VICTORY BLVD —FROM 2205 LOBBAN RD EAST

33806 No Return
MOULSTADE RD BEGINS
33810 Johnson Kjartan @
33812 No Return
33814 Coombs Robt @ 859-5061

33816 Edwards L Eldon @ 859-3965
33819 Shore Jean I Mrs @ 853-2590
33824 Lewis Stanley @ 859-5463
33834 Martins Phillip H 859-8761
33841 Peterson Gordon H @ 859-8064
33844 No Return
33854*Dewar James A @ 859-0789
33855 Akins Russell R @ 859-5827
33863 Harvey J A @ 853-6571
33866 Deines Robt A @ 853-9548
33873 Martin Andrew @ 859-8973
TAYLOR WAY BEGINS
33876 Swartz Juel F @ 853-5265
33886 Kirkwood Doug R @ 859-3730
33897 Smith Paul B @ 859-5901
33898 Davidson W Warren @ 859-6317
33906 Lay S J @
33911 Hrusoczy Valentine Mrs @ 853-2495
33916 Deas Allan M @ 859-9910
33919 Franzen Henry @ 859-5514
33927 Csuti Louis J @ 859-5649
33934 Raglan Edgar A @ 853-2578
GRANT CRES ENDS
33937 Lathrop Glenn E @ 853-9528
33947 Dodd Greg 853-1337
33954 Caul Laurence L @ 859-4215
33959 No Return
33969 Pongracz Frank @ 859-5372
33970 Siebenga John D 859-1431
33977 Kleiminger M @ 859-5004
MC KENZIE RD INTERSECTS
33987*Boersma Peter 853-4152

VIEW GROVE PL

1874 Penner Cornelius H @ 859-8738
Penner Louis P 859-8738

VINEWOOD ST —FROM 33245 MARSHALL RD NORTH

2018 Solberg Jim 859-7261
2021 Sandstrom Hugo V @ 853-1739
2029 Rempel John @ 859-6415
2030 Holt Wm J @ 853-5272
2040 Campbell Don 859-1932
2041 Esselink Bert @ 859-8623
2051 No Return
2052 Garrett Olive Mrs @ 853-5288
2062 Cochrane Gordon F @ 859-5717
2071 Olson Edwin W @
2072 No Return
2079 Hada Joseph @ 859-5065
2097*Johnson C L 859-2429
2082 Yanko Steven P @ 853-1359
2085 No Return
MAYFAIR AV BEGINS
2108 Carson John S @ 853-2180
2109 Fail Norman @ 859-8863
2121 No Return
2124 Jones D @ 859-4253
2131 Dafeo Wm @ 853-2904
2136 Olson G @ 859-1658
2143 Timar John @ 859-4014
2148 Valley Aluminum
Smorenburg Wayne @ 853-1250
2153 Renner Dennison L @ 859-4226
2158 Mantler Mary @ 859-9738

2170 No Return
2172 No Return
2180 Vacant
2182 Vacant
2185 Johansen John P @ 853-2990
2190 Yamasaki Tsuneo 853-9062
2192 Anderson Peter 853-7370
WARE ST INTERSECTS

WALDEN ST —FROM 34500 BLK DONLYN AV NORTH

3525*Plecas Darryl 859-9395
3537 Penner Robt L @ 853-1398
3547 No Return
HURST CRES BEGINS
3559 Bos Charles R @ 853-3648
3569 No Return
3572 No Return
3579 Flintoff Ronald E @ 859-6934
3584*Pollard Dan S @ 859-3038
3589 Whittaker Kevin 853-9240
3596 No Return

WALKER CRES —FROM 34600 BLK MARSHALL RD SOUTH

34670 Strainton B M @ 859-8331
SKYLINE DR BEGINS
34691 Wheeler Mabel L Mrs @ 853-0197
34694*Garrett David J 853-3263
34709 Paul J D @ 853-2385
34714 No Return
34729 Funk Melvin C @ 853-6269
34734 Walker Harry C @ 859-8982
34746 No Return
34752 Klippenstein Harry @ 859-9639
34756*Emery Ron F @ 853-7106
MARSHALL RD INTERSECTS

WALNUT ST —FROM 2722 GLADYS AV EAST

ABBOTSFORD-MISSION HWY BEGINS
33874 No Return
33887 No Return
MC CRIMMON DR BEGINS
33902 Berry G @ 859-5363
33904 No Return
33907 No Return
33919 Allinott Albert I @ 859-5557
33945 No Return
MAPLE AV INTERSECTS
33986 Powers E A @ 853-5098
33988 Domke Joseph @ 859-5050
33993 Duffus Alison 853-0908
PRATT CRES BEGINS
CAMBRIDGE ST BEGINS
34115 Sontag L A 863-9085
WOODLAND ST BEGINS
34161 Chausse Wm H @ 859-4093
34171 Kleiv Knut B @ 859-5776
34181 Flavell M 859-6162
Mann Joseph 859-6162
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An Alphabetical Directory of Business Concerns and Residents

PUBLISHED IN TWO EDITIONS

THE HOME SUPPLEMENT EDITION containing the following departments:

1. The Classified Buyers' Guide contains the advertising and listings of the participating business firms and professional people.
2. The alphabetical listings of residents indicating occupation, marital status, address and telephone number. Included also are business concerns with indication of owners, managers or executives.

THE COMPLETE BUSINESS EDITION containing the following in addition to the two departments contained in the HOME SUPPLEMENT EDITION as listed above:

1. THE STREET GUIDE lists all residences and businesses by street address. Special features are the designation of owner occupied homes, telephone numbers, new householder symbol plus the Postal Code Directory.
2. A NUMERICAL PHONE INDEX. Listing all existing phone numbers numerically, with names of individuals residing at location of telephone.

PUBLICATION SUMMARY

BUSINESS LISTINGS	2,564
HOUSEHOLD LISTINGS	20,072
RESIDER LISTINGS	6,524
TOTAL LISTINGS	29,160
TOTAL NEW OR UPDATED LISTINGS	13,151

IMPORTANT TO ALL RESIDENTS — This Directory was made possible through the splendid co-operation of those business firms of this area whose advertisements appear in it, thus your patronage of these prominent firms will compensate for their progressive effort on your behalf.

PUBLISHER'S NOTE — We wish to thank all the advertisers for the gracious manner in which our representatives were received. To the householders, the business firms, we are also indebted for co-operation received in obtaining the information contained herein. It is our earnest hope that the Directory pleases everyone.

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● HOMEOWNER

22

28 CLARKE DR -FROM 33750 BUSBY RD NORTH

- 2282 Bruinsma Edmund W @ 854-6182
- 2283 Deslauriers Emerson @ 859-5860
- 2296 Patterson Albert H @ 853-2009
- 2298 Miller Margt @ 853-2410
- 2311 Webster Scott F @ 852-4960
- 2314 Patterson Gordon @ 853-5631
- 2319 Proudfoot Murray T @ 853-5156
- 2326*Mac Donald Allan @ 850-1787
- 2327 Battistoni Cyril F @ 853-3124
- 2335 Jones Dan @ 853-1722
- 2336 Scott Joyce @ 853-1424
- 2346 No Return
- 2347 Timar Lisa @ 852-1823
- 2355 Scott Randall @ 853-7978
- 2358 Martel Mike D @ 859-9774
- 2369 Jones Bret @ 853-1975
- 2370 No Return
- 2393 Pawlovich John P @

MC DOUGALL AV INTERSECTS

1 CLAUDIA CT -FROM 31788 CONRAD AV NORTH

- 3058 Sidhu Mukhtair Mrs @ 853-0889
- 3059 Waterfield Eric M @ 853-9698
- 3068 Crispin E Mrs @ 853-7249
- 3069 Lochbaum Robt @ 853-5553
- 3078 Kercher Randy @ 859-7545
- 3079*Mondor Aldeo J @ 852-6137
- 3088 Coutus
- 3089 Mc Mann Everett @ 853-0897

21 CLEARBROOK RD -FROM 31943 KING RD NORTH

- 1630 Vacant
- 1648 Dhaliwal Chamkaur S @ 859-2510
- 1681 Horizon Hatchery Ltd 853-8362
- 1694 No Return
- 1709 Hendricks Julius @ 859-2740
- 1733 Janzen Jacob 852-1578
- 1736 Born Frank 856-5916
- 1745 Peters Vern A @ 859-7594
- 1762 Stachiw Randy 859-1770
- 1772 No Return
- 1789 H & H Trailer Sales & Rentals Ltd 853-0701
- *Hildebrandt John 854-3879
- 1794 Roger's Drive-Inn restr 859-2713
- FREEWAY OVERPASS
- 1806 Clearbrook Produce produce sls 852-6400
- 1822 Bricks-R-US pavingstone co 852-3768
- Ahern Mark R 852-3768
- 1834 No Return
- 1858*Reddecopp Herbert 859-1042

MARSHALL RD RECOMMENCES JOYCE AV BEGINS

- 2073 Country Inn Motor Hotel 859-6211
- 2073a Ricky's Restaurant 859-6759
- 2096 Payless Gas 852-9372
- SHERWOOD CRES ENDS
- 2112 Johnson Garry A @ 859-7473
- 2121 Three D Honda Cycles 859-4732
- Dance In Motion 853-9404
- Abbotsford Four Square Gospel Church 854-3511
- 2122 Mangelsen Fred @ 859-1847
- 2132 Itcush P @ 859-4557

- 2139 Office Building Rooms
- 1 Glass World (A Division Of Clearbrook Glass Ltd) 859-0448
- 2 Motorola Ltd two way radio equip 852-0882
- 3 Auto-Mate Radiators 852-4522
- 4 Lark Motors (1981) Ltd 853-2304

- 2156 No Return
- 2166 Vacant

SHERWOOD CRES BEGINS

- 2181 Shell Gas Station 850-1150
- 2182 Wong Margo 852-3058
- 2194*Fall Wes 850-5024
- MELMAR ST BEGINS
- 2211 Glenwood Manor
- 101*Thiessen W 853-4108
- 102 Tessaro J 853-7803
- 103 Remple Isaac 859-2291
- 104 Houck H 859-0459
- 105 Fischer M 852-5648
- 106 Siemens T 859-2460
- 107 Carter H 853-6704
- 108 Pothescary J D' 853-4512
- 109 Bursner Erna Mrs @ 853-7678
- 110*Stewart Robert 854-6715
- 111 Neuman Ernest J 859-9089
- 112*Fast D
- 113*Patterson P
- 114 Reedman L 850-1334
- 115*Schabatsky David @ 850-2251
- 116 Bojka A 852-3960
- 201 Loewen W @ 853-0479
- 202 Loewen Peter 859-9095
- 203 Ince E A 853-7257
- 204 Stewart D 854-6448
- 205 Stahl K 859-7335
- 206 Krause J 859-3262
- 207*Ginter C P 850-9082
- 208 Loewen L M 853-4034
- 209 Loewen S 859-5081
- 210 Enns Erika @ 859-6101
- 211*Janzen W
- 212 Tucker J 859-6176
- 213 Neufeld M 854-5083
- 214 Toews M J 853-4524
- 215 Felch Ernest E 853-9734
- 216*Seufert Herman 859-5650
- 301 Andres Ann V Mrs @ 853-6306
- 302 Wiebe J J 859-3009
- 303*Nontell Allen 853-9273
- 304 Toews A 859-7160
- 305 Loepky D 852-8601
- 306 Stangeland Ole M 859-7526
- 307*Barlow Shirley 853-6794
- 308 Friesen Nick N 853-0838
- 309*Campbell N
- 310 Masse J 853-0422
- 311 Janzen Lena 853-6268
- 312 Brooman Roy S 859-3462
- 313 Neufeld F 859-1650
- 314*Cole T
- 315 Enns Tina @ 859-3145
- 316 Bruner Mabel @ 850-4366

- 2231 Leonhardt Dennis E 859-8187
- 2236 No Return
- 2245 No Return
- 2248 No Return
- 2258 Katerelos G @ 852-5193
- 2268 Negrin Eugene B
- 2276 Bonar Dale A 852-9576
- 2285 Bakerview Mennonite Brethren Church 859-4611

- OAK AV ENDS
- 2310 Woodlawn Funeral Home 853-2643
- 2326 Clearbrook Cycles Ltd 853-8821
- FIR AV BEGINS
- 2349 No Return
- 2359 Quyen Tailors 852-2496
- 2360*Mc Lueen Scott 850-9294
- 2369 No Return
- 2372 Lally Mohan 859-0363
- 2377*Bouchgard M V @ 852-6734
- PEARDONVILLE RD INTERSECTS
- 2411 Beauty Nook 859-4914
- 2418 Mac's Convenience Store 853-7626
- 2420 Alphorn Restaurant 852-1563
- 2421 Transamerica Occidental Life life ins agcy 859-2334
- 2431 Lee's Fine Jewellery Ltd 853-9192
- SUNRISE CRES BEGINS
- 2434 Clearbrook Realty Ltd 853-2277
- Haraldsen Ken barr 853-5401
- Kuzminski L M barr 853-5401
- 2448 Valley Sound Odyssey stereo equip 850-0657
- B C Cellular cellular phones & equip
- 2451 Office Building Rooms
- 101 O'Sullivan Sally notary public 859-6262
- 102 Asian Microsystems Inc 852-7323
- 103 Pen Mar Appraisals (1986) Ltd 852-6755
- 200 Western Propeller (Pacific) Ltd aircraft propellers 853-8704
- 202 Wiebe K P & Co certified genl accts 853-4844
- 204 Mic Motivation Inst
- PINEVIEW AV BEGINS
- 2464 Office Building Rooms
- 101 Mutual Group The 854-6959
- 103 Heritage Alliance Church 850-5031
- 201 Goddard Larry W barr & solr 853-3535
- 202 British Columbia Conference Of M B Churches 853-6959
- 203 Board Room
- 204 B C Raspberry Growers Association 853-1312
- 2467 Loewen Nick 852-2854
- SUNRISE CRES ENDS
- 2488 Royal Fashions 852-9375
- Shingaar House 852-5639
- 2494 Bhagat Enterprises grocery 853-4312
- 2497*Wall Harry 850-6820
- 2500 Banwait Fine Fashions fabric store 854-6213
- 2502 Busy Bee One Hour Cleaners 853-7061
- 2506 Toews Sewing Department 859-1801
- Toews Musical & Stereo Supplies Ltd 859-1801
- 2516 No Return
- 2516a No Return
- 2516b No Return
- 2518 Avtar Food 832-8367
- Desshmesh Cloth House Ltd fabric sales 853-7760
- HILLCREST AV BEGINS
- 2532 Glen B A @ 859-1805
- 2540 Carlisle John E 850-0842
- 2548 Linley Duignan 859-7134
- Bank Of Nova Scotia The 853-7485
- CEDAR LANE BEGINS
- 2564 Clearbrook Waterworks District 850-6621
- 2566 Bernhard's Hair Styling 859-5525
- 2570 Clearbrook Decorating Centre 853-6909
- 2580 Funk's Supermarket 853-9155
- SOUTH FRASER WAY INTERSECTS

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2



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VICTORY BLVD--Contd

- 33834 Dyck Victor @ 859-7779
- 33841 Peterson Gordon H @ 859-8064
- 33844 Wiebe Earl @ 852-5977
- 33854*Blohm Jerry @ 853-3458
- 33855 Akins Russell R @ 859-5827
- 33863 Harvey M E @ 853-6571
- 33866*Ritter Monique @
- 33873 Loewen M @ 852-2161
- TAYLOR WAY BEGINS
- 33876 Ward Charlene 852-8342
- 33886 Cedroff Jorie 852-6073
- 33897 Melan Jonas H @ 853-7740
- 33898 Vacant
- 33906 Maher Ken 852-5663
- 33911*Goyette Robert N 852-8450
- 33916 Mc Quiggin C A @ 854-1462
- 33919 Bassani Joseph @
- 33927 Csuti Louis J @ 859-5649
- 33934 Raglan Edgar A @ 853-2578
- GRANT CRES ENDS
- 33937*Plowright C J @ 853-6036
- 33947 No Return
- 33954*Chalk Tuan @ 859-3927
- 33959 Fenner Geo @ 853-5557
- 33969*Breukelman S @ 859-2906
- 33970 No Return
- 33977 Kosub Thomas A @ 859-5732
- 33987*Briggs Mark @ 853-3037
- MC KENZIE RD INTERSECTS

- 2041 Ramsay Jamey B @ 854-6403
- 2051 Peck Geo @ 852-5803
- 2052 Simpson L @ 852-3923
- 2062 Ferraro C 859-2523
- 2071 Mc Afee Tom @
- 2072 No Return
- 2079 Dykstra Steve @ 853-6796
- 2082 Yanko Steven P @ 853-1359
- 2085*Brown Ernest I 853-2092
- 2097 Sudomiak Nick @ 859-2075
- MAYFAIR AV BEGINS
- 2108 Carson John S @ 853-2180
- 2109 Fall Norman @ 859-8863
- 2121 Suto Edw @ 853-2363
- 2124*Bruntlett C W 859-9664
- 2131 Heaps Garth A @ 852-8919
- 2136 Peters Jack W @
- 2143 Timar Elsie I Mrs @ 859-4014
- 2148 Smorenburg Wayne @ 853-3912
- 2153 Renner Dennison L @ 859-4226
- 2158 Ritchie Keith E @ 853-7821
- 2170 No Return
- 2172 Joseph Louise 852-4985
- 2180 Rikley Nellie 852-2873
- 2182 Vo Liem 850-0829
- 2185 Johansen John P @ 853-2990

- 3624 Renault Mark C @ 859-7226
- 3627 Saari Ron 850-0719
- 3631 Aubertin Dennis 850-0710
- 3632 Sibley Dave D @ 853-8291
- 3636 Spier Elly

**WALKER CRES -FROM 34600 BLK
MARSHALL RD SOUTH**

- 34650*Brown G 853-8709
- 34660 Nelson Gary C @ 859-2073
- 34661 Scarff Wm K @ 853-5762
- 34670 Straiton B M @ 859-8331
- 34671 Tamas Wendy K Mrs
*Tamas John @ 850-6998
- SKYLINE DR BEGINS
- 34691 Paul Randy K @ 859-1131
- 34694 Garrett David J @ 853-3263
- 34709 Paul Jim D @ 853-2385
- 34714 Hooge Jake @ 859-9035
- 34729 Conley M M @ 852-1802
- 34734 Walker A P @ 859-8982
- 34746*Leonhard Glenn @ 853-9417
- 34750 Pincott Keith @ 859-7836
- 34752*Rawlyck Peter 859-5582
- 34753 Funk Melvin C @ 853-6269
- 34756 Emery Ron F @ 853-7106
- MARSHALL RD INTERSECTS

**VIEW GROVE PL -FROM 35060
PANORAMA DR SOUTH**

- 1873 Adrian Ken @ 859-5597
- 1874 Penner Cornelius H @ 859-8738
- 1883 Harper Bruce @ 853-6093
- 1884*Peake Desmond @ 852-7184
- 1893 No Return
- 1894 Koch Karl H @ 852-3986

**VYE RD WEST -FROM MC CALLUM
RD EAST**

- 33660 Wight Maya K 854-5785
- 33711 Kenrich Farms egg farm 859-4973
- 33736 Willems Jack G @ 853-2486
- 33788 Bird John @ 852-8176
- 33820 Wiebe Henry 859-8518
- 33833 Kempel Warren D @ 853-5245
- 33848 Martens Orlando A @ 859-9393
- 33990 Pfenniger Frank @ 859-7258
- MC KENZIE RD INTERSECTS
- 34314 Capt'n Crunch Auto Wrecking Ltd
853-3074
- 34345 B C Govt Ministry Of The
Environment 852-5388
- 34374 Riverside Automotive Ltd 852-1970
- RIVERSIDE RD INTERSECTS
- 34421 A J Transport Ltd 852-0541
- G S Industries 850-2541
- 34511 Central Valley Farm Equipment Ltd
859-9273
- 34601 Big O Inc pipe 850-0753
- 34614 Foster Lumber Co Ltd 852-9033
- 34624 Chevron Commercial Cardlock
854-6299
- 34633 Mainland Ford Equipment Sales Ltd
853-9474
- 34765 Balladier Kennels 859-9111

**VILLAGE GLENN -FROM 2234
MOUNTAIN DR SOUTH WEST**

- 2236 Cornies Bill J 854-3137
- *Bublitz M 853-9808
- 2238 Gulyas Andy
- 2240 Under Constr
- 2242 Nickel Elmer @ 850-2177
- *Sheldon Bruce @ 852-6404
- 2244 Under Constr

**VILLAGE KNOLL -FROM 2230
MOUNTAIN DR NORTHEAST**

- 36026 Crevier Edouard J @ 859-4349
- 36029*Fletcher P A 853-3088
- 36036 Long Norman @ 852-1175
- 36039 Jelinski David @ 853-4945
- 36046 Jansen Don @ 852-3728
- 36049 Warawa Mark @ 852-7309
- 36056*Jacobs Elroy 850-2800
- 36059 No Return
- 36066*Hutsul Rock W 859-2784

**VINEWOOD ST -FROM 33245
MARSHALL RD NORTH**

- 2018 Kirk Walter H @ 852-1918
- 2021 Sandstrom Hugo V @ 853-1739
- 2029 Bruynnckx Isabella @ 854-1587
- 2030 Duffield Graham C @ 859-6463
- 2040 Gazso Louis @ 853-7035

**WALNUT ST -FROM 2722 GLADYS
AV EAST**

- ABBOTSFORD-MISSION HWY BEGINS
- 33874*Hunter R 854-5066
- 33887 Embley Allen @ 859-2369
- 33997*Sephens Jim 853-5780
- MC CRIMMON DR BEGINS
- 33902 No Return
- 33904 No Return
- 33907 Vacant
- 33919 Ward Nancy @
- 33945 Armstrong Alan S @ 859-2349
- MAPLE AV INTERSECTS
- 33986 Melody Music Services 853-5098
- Melody Custom Metal 853-5098
- Powers Ed @ 853-5098
- 33988 Vacant
- 33993 No Return
- PRATT CRES BEGINS
- CAMBRIDGE ST BEGINS
- 34115 No Return
- WOODLAND ST BEGINS
- 34161 Dykstra Atze @ 859-0823
- 34171 Kleiv K B @ 859-5776
- 34181 Flavell M R @ 859-6162
- ASH ST INTERSECTS
- GREEN BLVD BEGINS

**WALDEN ST -FROM 34500 BLK
DONLYN AV NORTH**

- 3525 No Return
- 3537 No Return
- 3547 No Return
- HURST CRES BEGINS
- 3559*Code D 859-1599
- 3569 Vacant
- 3572 No Return
- 3579 Vacant
- 3584 Stratton Trent @ 854-3888
- 3589 Howitt Danl W @ 852-2559
- 3596*Madill L A 853-0030
- 3602 Pentz Eugene 852-2846
- 3605 Johnston Dennis R 859-5552
- 3614 Fraser Lon 853-8575
- 3617 Dyck Robt V @ 853-5463

**WALSH AV -FROM 2593 WARE ST
EAST**

- 33228 Vacant
- 33233 Bavaria Restaurant 859-3154
- 33233b Valley Instant Press 859-3766
- 33233c Jack's Hog Spot 854-8350
- 33236 Man Locksmithing Ltd The 853-7913
- 33241 No Return
- ALLIANCE ST INTERSECTS

**WARE ST -FROM 33218 MARSHALL
NORTH**

- 2010*Brerston David @ 853-6064

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1. The streets are listed alphabetically and broken down into odd and even numbers, as in this example. In the second column are listed the street numbers with the corresponding postal CODE on the same line in the last column.

2. When an asterisk precedes a number, or group of numbers, in the second column, this number specifies a suite or room number at the address listed on the previous line. This suite or room has a separate postal CODE, listed on the same line in the last column.

3. Occasionally, street numbers (in this example "182", "192" and "214") are part of a group of numbers ("182-214") which has a particular CODE. These numbers (or number, in some cases) are then repeated on the following lines, in bold face, with different postal CODES. This indicates that at these addresses are located a large business firm or organization, or an apartment or office building, with their own CODES.

4. The sign (*) identifies a postal CODE assigned exclusively to a customer receiving a large mail volume regularly and the CODE is not to be used by others who may subsequently occupy the same premises.

MAIN AVENUE			
Odd/Impair	2331	2355	K4H 6S9
	2365	—	K4H 6T1
	2365		
Even/Pair	2328	*389	*K4H 6T2
		2340	K4H 6T3
MARY STREET EAST			
Odd/Impair	211	219	K4E 5M6
	225	253	K4E 5M7
Even/Pair	140	164	K4H 6S5
	182	214	K4H 6S6
	182		K4H 6S7
	192		*K4H 6S8
	214		K4H 6S9

ABBOTSFORD

ABBOTSFORD, CLAYBURN, CLEARBROOK AND/ET MOUNT LEHMAN

ABBOTSFORD WAY GREYHOUND BUS LINES 2033 2001 2043 V2S 6Y6 2000 2030 V2S 6X8	ALLWOOD ST 2757 2795 V2T 3S1 2722 2790 V2T 3R7 ALLWOOD TRAILER PARK 2800 V2T 3R8	APPROACH DR 30575 V2T 6H5 30470 30540 V2T 6H5	32136 32168 V2T 5C7	32711 32749 V2T 3W9 32666 32730 V2T 3S6
ABBOTSFORD-MISSION HWY 3857 3927 V4X 1X1 2852 2866 V2S 3Y2 3112 V2S 8C7 3386 V2S 7V2	ALMA ST 34075 34095 V2S 1H1 34107 34113 V2S 1H2 34070 34090 V2S 1G9 34136 34164 V2S 1H3	ARBUTUS ST 2339 2379 V2T 2N8 2332 2378 V2T 2N9	ASHLEY WAY 32841 32891 V2S 5W3 32838 32890 V2S 5W3	AVIATOR DR 1130 1-2 V2T 6H5 1172 1208 V2T 6H5
ADORN AVE 34543 34637 V2S 5G2 34558 34638 V2S 5C3	ALPINE AVE 32329 V2T 1H4 32355 32369 V2T 1H5 32326 32392 V2T 1H3	ARCADIAN WAY 33651 33679 V2S 7T4 33682 33680 V2S 7T4	ASPEN AVE 32875 32997 V2S 7A5 32968 V2S 7A5	AVONDALE AVE 33409 33429 V2S 2T2 33428 33442 V2S 2T3
ADAIR AVE 32235 32393 V2T 4L7 32250 32302 V2T 4L6 32348 32386 V2T 4L5	ALTA AVE 32901 32931 V2S 6P5 33021 33035 V2S 4S4 33127 33163 V2S 4S6 33221 33283 V2S 1V1 32902 32932 V2S 6P9 33024 33130 V2S 5B8 33156 33180 V2S 4S5 33212 33274 V2S 1T9	ARDEN DR 34729 34805 V2S 2X9 34702 34722 V2S 2X8	ASTORIA CRES 3245 3269 V2T 4P8 32027 32045 V2T 4P6 32105 32175 V2T 4P7 3232 3310 V2T 4R1 32028 32188 V2T 4P5	AZALEA CLOSE 3593 3609 V2S 6C6 3606 3612 V2S 6C6
JANAC ST 2245 2259 V2S 4S7 2295 2325 V2S 4T1 2250 2258 V2S 4S8 2292 2324 V2S 4S9	AMBERPOINT PL 31665 31711 V2T 6T2 31662 31710 V2T 6T2	ARGYLE ST 3537 3697 V2S 7A9 3588 3700 V2S 7A9	ASTORIA CRT 32065 32095 V2T 4P9	B ST 20 40 V2S 8C2 122 V2S 8C1 160 V2S 8B8 260 280 V2S 8B9
DELAIDE ST 2411 2415 V2T 3L8 2449 2551 V2T 3L9 2559 2663 V2T 3M1 2410 2574 V2T 3L7 2610 2662 V2T 3M2	AMICUS PL 32917 V2S 6G9 AMICUS SENIOR CITIZENS HOME 32920 V2S 5V1 32910 32950 V2S 6G9	ARLINGTON ST 2823 2851 V2S 3L1 2796 2829 V2S 3K9	ATKINSON LANE 3281 3327 V3G 2G5	BABICH PL 33405 33407 V2S 6V3 33382 33398 V2S 6V3
EROLANE AVE 31465 31477 V2T 4B5 31486 31482 V2T 4A7	ANDERSON AVE 34697 35165 V3G 1N4 35040 35410 V3G 1N4	ARMSTRONG AVE 34775 34859 V2S 7Y9 34818 34854 V2S 7Y9	ATKINSON RD 37351 47499 V3G 2G7 37442 37776 V3G 2G7 38050 V3G 2G6 38200 V3G 2X5	BABICH ST 2767 3005 V2S 3K4 3071 3177 V2S 5W5 2620 3000 V2S 3K5 3066 3152 V2S 5H7 3190 V2S 6C5
LADDIN CRES 2401 2503 V2S 5K7 2404 2486 V2S 5K7	ANDREWS PL 33909 33921 V2S 6P3 33906 33918 V2S 6P3	ARNOLD RD 3303 733 V3G 1S4 3304 748 V3G 1S4	ATWATER CRES 3231 3277 V2T 4L1 3287 3323 V2T 4L9 32251 32331 V2T 4L3 3236 3284 V2T 4L4 3302 3328 V2T 5B1 32226 32330 V2T 4L2	BAKERVUE ST 2043 2191 V2T 3B2 2211 2375 V2T 3B3 2062 2180 V2T 3B1 2212 2374 V2T 3B4
LBERT WAY 2650 2666 V2T 2R2	ANGUS CAMPBELL RD 55 681 V3G 1S3 1365 V3G 2G4 BC MINISTRY OF AGRICULTURE & FOOD 1767 V3G 2M3 40 520 V3G 1S3 1324 1618 V3G 2G4	ASH ST 2745 V2S 4E9 2765 2785 V2S 4G2 2821 2911 V2S 4G3 2939 3055 V2S 4G5 2662 2664 V2S 4R6 2700 2730 V2S 4E8 2784 V2S 4G1 2874 2910 V2S 4G4 2944 3046 V2S 4G6	AUBURN ST 2549 V2T 3J9 2585 2651 V2T 3X2 2550 2640 V2T 3K1	BAKSTAD RD 37685 37855A V3G 2L3
LBION ST 1944 1976 V2T 3Y8	ANORA DR 2263 2339 V2S 5P5 2353 2381 V2S 5P6 34775 V2S 6T7 2270 2338 V2S 5P7 2346 2390 V2S 5P8 34770 34780 V2S 6C2	ASHCROFT DR 3349 3367 V2T 5C7 3377 3441 V2T 5C6 3521 3549 V2T 5B4 32077 32085 V2T 5C3 32095 32133 V2T 5C4 32143 32215 V2T 5C7 3336 3358 V2T 5C7 3384 3399 V2T 5C6 3464 3552 V2T 5B4 32074 32082 V2T 5C3 32084 32126 V2T 5C4	AUGUSTON PKY 36291 36363 V3G 2Y7 36294 36310 V3G 2Y7	BALDWIN RD 2763 34679 V2S 7H9 2728 34656 V2S 7H9
LBONVIEW ST 2509 2553 V2S 4E1 2494 2550 V2S 4C9	APEX CRT 3407 3427 V2T 6N5 3416 3424 V2T 6N5	AUTUMN AVE 32109 32149 V2T 1P2 32201 32249 V2T 1P4 32108 32136 V2T 1P1 32198 32248 V2T 1P3	BALFOUR DR 32015 32055 V2T 5C1 32085 32141 V2T 5C2 32084 32142 V2T 5C2	BALMORAL ST 4171 4191 V4X 1Y5 4174 4212 V4X 1Y5
LEXANDER CRES 2289 2305 V2S 3W5 2276 2312 V2S 3W4		AVALON CRES 32669 32679 V2T 3W8	BALSAM CRES 3741 3791 V2S 7A3 3801 3855 V2S 7A4 3738 3790 V2S 7A3 3802 3856 V2S 7A4	BANFF PL 32947 33035 V2S 7B1 32942 33036 V2S 7B1
LICE ST 2829 2839 V2T 3P2 2826 2838 V2T 3P1			BARKER RD 149 295 V3G 1S5 350 V3G 1S5	BASSANO TERR 3443 3475 V3G 2Y1
MELLEN AVE 33254 33280 V2S 2L4				
MILLANCE ST 2621 2625 V2S 3J9 2606 2620B V2S 3J8				

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CENTENNIAL ST 2611 2729 V2T 2V3 2755 2815 V2T 2V4 2610 2728 V2T 2V2 2758 2778 V2T 2V5 2798 2808 V2T 2V6	APARTMENT BUILDING 32777 V2T 5W4 32600 32610 V2T 5A5 32662 32694 V2T 4Z8 32696 32788 V2T 5S5	3770 V2T 6N3 4120 V2T 5W7	COUNTESS ST COUNTESS MEWS 2441 V2T 4G3 COUNTESS MEWS 2481 V2T 4G4 ARLINGTON PLACE 2487 100-317 V2T 5L9 2617 2731 V2T 2V8 THE WEDGEWOOD 2628 V2T 5P3 2640 2730 V2T 2V7	30635 30791 V2T 5K7 3064 3136 V2T 5J3 3184 3214 V2T 5F8 30814 V2T 5J3 30620 30790 V2T 5K7
CENTER ST 2227 2373 V2T 2N1 2425 2459 V2T 2N4 2234 2244 V2T 2M9 2330 2344 V2T 2N2 2370 2388 V2T 2N3 2426 2476 V2T 2N5	CHRISTINA PL 35111 35205 V2S 8H1 35110 35202 V2S 8H1	CLINTON AVE 32059 32107 V2T 5B7 32117 32259 V2T 5B5 32267 37331 V2T 5B3 32072 32096 V2T 5B7 32106 32262 V2T 5B5 32268 32330 V2T 5B3	2487 100-317 V2T 5L9 2617 2731 V2T 2V8 2628 V2T 5P3 2640 2730 V2T 2V7 2523 2561 V3G 1M1 2520 2524 V3G 1M1	CURRIE PL 34639 34687 V2S 7J1 34640 34670 V2S 7J1
CENTURY CRES 2873 2943 V2S 5V3 33317 V2S 5V4 33335 33349 V2S 5Z6 2884 2916 V2S 6A6 33256 33340 V2S 5V5	CHURCH ST 2425 V2T 3J8 2414 2450 V2T 3J7	COACHSTONE WAY 3789 3899 V2S 8G7 3903 3963 V2S 8G6 3798 3898 V2S 8G7 3904 3954 V2S 8G6	2523 2561 V3G 1M1 2520 2524 V3G 1M1 36227 36291 V3G 1M1 36303 36477 V3G 1M2 36278 36304 V3G 1M1 36308 36324 V3G 1M2 36350 V3G 1M1 36356 36476 V3G 1M2	CYPRESS ST 33767 33771 V2S 1Z2
CENTURY CRT 33283 33305 V2S 5Y2	CLARKE DR 2283 2393 V2S 3V4 2282 2370 V2S 3V3	COBBLESTONE DR 3635 3695 V2S 7J8 3634 3694 V2S 7J8	COUNTRY CRT 2523 2561 V3G 1M1 2520 2524 V3G 1M1	CYRIL ST 2513 2549 V2S 2G1 2631 2633 V2S 2G4
CHADSEY CRES 3791 3823 V2S 7A2 3833 3873 V2S 7A1 3808 3828 V2S 7A2 3838 3858 V2S 7A1	CLAUDIA CRT 3059 3089 V2T 2W7 3058 3088 V2T 2W6	COGHAN PL 31255 31331 V2T 5M8 31250 31332 V2T 5M8	COUNTRY PL 36227 36291 V3G 1M1 36303 36477 V3G 1M2 36278 36304 V3G 1M1 36308 36324 V3G 1M2 36350 V3G 1M1 36356 36476 V3G 1M2	CO-OP MALL 33933 V2S 5V2 34375 V2S 2H5 33933 34375 V2S 2E8 2542 2584 V2S 2G2 2644 V2S 2G3
CHALMERS PL 31429 31435 V2T 5H1 31428 31438 V2T 5H1	CLAYBURN RD 32869 33055 V4X 1W7 33439 33585 V2S 7I8 33629 V2S 7I7 34159 V2S 7I1 34161 34175 V2S 7I6 34481 34487 V2S 7I5 34773 V2S 7I2 34777 1-3 V2S 7I1 34919 35071 V2S 7Z1 32812 32918 V4X 1W7 33324 33562 V2S 7I8 33786 33980 V2S 7I7 34004 34316 V2S 7I6 34416 34486 V2S 7I5 34570 34742 V2S 7I9 34746 V2S 7I2 34750 34974 V2S 7I9 34980 35006 V2S 7I2 35060 15-24 V2S 7I2	COLE RD 1791 1905 V3G 1T3 2201 2373 V3G 2H1 922 1024 V3G 1T2 658 2200 V3G 1T3	COUNTY CRT 2523 2561 V3G 1M1 2520 2524 V3G 1M1	D ST 151 V2S 8B6
CHAMPLAIN CRES 34805 34955 V2S 5P3 34810 34820 V2S 6A1 34850 34870 V2S 5Y6 34900 V2S 5Y7	CLEARBROOK RD 71 703 V2T 5X1 819 1569 V2T 5X2 1681 1789 V2T 5X5 2073 2095 V2T 2K1 2121 2139 V2T 4H6 2181 2285 V2T 2K4 2335 2377 V2T 2K6 2421 2431 V2T 2X9 2451 V2T 2Y1 2497 V2T 2Y2 2611 2677 V2T 2Y6 2719 V2T 2Y9	COLEMAN 114 631 V2T 5X7 821 1467 V2T 5X9 24 706 V2T 5X6 830 1514 V2T 5X8	COULTS WAY 929 1015 V2S 7M2	DAHL CRES 1825 1913 V2S 4B3 1949 1971 V2S 4B6 1820 1842 V2S 6V4 1866 1912 V2S 4B4 1956 1980 V2S 4B5
CHAMPLAIN DR 2197 2247 V2S 6E5 2188 2248 V2S 6E4	CLEARBROOK GOLDEN AGE HOME 2825 V2T 6S3 2855 V2T 2Z3 2873 2985 V2T 2Z6	COMOX CRT 3219 3243 V2S 7B4 3220 3228 V2S 7B4	COUHAN PL 31255 31331 V2T 5M8 31250 31332 V2T 5M8	DAHLSTROM AVE 32025 32085 V2T 2K7 32095 32275 V2T 2K3 32307 32387 V2T 2L2
CHANTRELL PL 34707 34797 V2S 7H8 34803 34883 V3G 1G5 34708 34798 V2S 7H8 34802 34872 V3G 1G5	CLEARBROOK ROAD APTS. 3085 V2T 4A9 3015 3065 V2T 2Z9 3133 3185 V2T 4N8 3211 3279 V2T 4N9 3313 3427 V2T 4P1 3471 3495 V2T 5C1 3737 1-10 V2T 5A7 3755 1-26 V2T 5A8 3905 41-25 V2T 5W7 14 614 V2T 5W9 828 1494 V2T 5X3 1630 1858 V2T 5X4 2096 2166 V2T 2X2 2182 2194 V2T 2X3 2238 2328 V2T 2X5 2360 2372 V2T 2X7 2416 2464 V2T 2X8 2488 25188 V2T 2Y2 2532 2548 V2T 2Y4 2564 2580 V2T 2Y5 2640 2642 V2T 2Y7 2672 2694 V2T 2Y8 2712 2728 V2T 2Z1	CONRAD AVE 31789 31905 V2T 2K4 31831 31849 V2T 2K5 31875 31895 V2T 3W4 31937 V2T 3W5 31788 31928 V2T 2K3	CONTOUR CRT 3129 3175 V2T 4J5 3130 3180 V2T 4J5	DAHLSTROM PL 32025 32085 V2T 2K7 32095 32275 V2T 2K3 32307 32387 V2T 2L2
CHAPMAN PL 2647 2711 V2S 7J2 2646 2694 V2S 7J1 2702 2710 V2S 7J2	CONWAY PL 33452 33476 V2S 2R6	CONRAD AVE 31789 31905 V2T 2K4 31831 31849 V2T 2K5 31875 31895 V2T 3W4 31937 V2T 3W5 31788 31928 V2T 2K3	CONTOUR CRT 3129 3175 V2T 4J5 3130 3180 V2T 4J5	DAHLSTROM PL 32025 32085 V2T 2K7 32095 32275 V2T 2K3 32307 32387 V2T 2L2
CHARLES CRT 3061 3087 V2T 2W5 3060 3086 V2T 2W4	COOPER PL 34813 34845 V2S 7K6 34814 34844 V2S 7K6	CONRAD AVE 31789 31905 V2T 2K4 31831 31849 V2T 2K5 31875 31895 V2T 3W4 31937 V2T 3W5 31788 31928 V2T 2K3	CONTOUR CRT 3129 3175 V2T 4J5 3130 3180 V2T 4J5	DAHLSTROM PL 32025 32085 V2T 2K7 32095 32275 V2T 2K3 32307 32387 V2T 2L2
CHARLIE SPRUCE PL 4555 4755 V3G 2K9 4550 4700 V3G 2K9	CORAL AVE 31797 31927 V2T 2K1 31957 V2T 4T3 31796 31868 V2T 2J9 31916 31940 V2T 2K2	CONRAD AVE 31789 31905 V2T 2K4 31831 31849 V2T 2K5 31875 31895 V2T 3W4 31937 V2T 3W5 31788 31928 V2T 2K3	CONTOUR CRT 3129 3175 V2T 4J5 3130 3180 V2T 4J5	DAHLSTROM PL 32025 32085 V2T 2K7 32095 32275 V2T 2K3 32307 32387 V2T 2L2
CHARLOTTE AVE 31695 31773 V2T 3Z6 31795 V2T 4K9 31975 V2T 4T7 31636 31764 V2T 3Z9 31796 31940 V2T 4J3 31964 31988 V2T 4K8	CORAL AVE 31797 31927 V2T 2K1 31957 V2T 4T3 31796 31868 V2T 2J9 31916 31940 V2T 2K2	CONRAD AVE 31789 31905 V2T 2K4 31831 31849 V2T 2K5 31875 31895 V2T 3W4 31937 V2T 3W5 31788 31928 V2T 2K3	CONTOUR CRT 3129 3175 V2T 4J5 3130 3180 V2T 4J5	DAHLSTROM PL 32025 32085 V2T 2K7 32095 32275 V2T 2K3 32307 32387 V2T 2L2
CHASE ST 3443 3497 V2T 5B2 3505 3561 V2T 5B3 3442 3498 V2T 5A9 3506 3562 V2T 5B3	CORAL AVE 31797 31927 V2T 2K1 31957 V2T 4T3 31796 31868 V2T 2J9 31916 31940 V2T 2K2	CONRAD AVE 31789 31905 V2T 2K4 31831 31849 V2T 2K5 31875 31895 V2T 3W4 31937 V2T 3W5 31788 31928 V2T 2K3	CONTOUR CRT 3129 3175 V2T 4J5 3130 3180 V2T 4J5	DAHLSTROM PL 32025 32085 V2T 2K7 32095 32275 V2T 2K3 32307 32387 V2T 2L2
CHATEAU PL 2119 2159 V2T 3T9 2120 2140 V2T 3V1	CORAL AVE 31797 31927 V2T 2K1 31957 V2T 4T3 31796 31868 V2T 2J9 31916 31940 V2T 2K2	CONRAD AVE 31789 31905 V2T 2K4 31831 31849 V2T 2K5 31875 31895 V2T 3W4 31937 V2T 3W5 31788 31928 V2T 2K3	CONTOUR CRT 3129 3175 V2T 4J5 3130 3180 V2T 4J5	DAHLSTROM PL 32025 32085 V2T 2K7 32095 32275 V2T 2K3 32307 32387 V2T 2L2
CHEAM DR 3251 3261 V2T 4Y5 3263 3299 V2T 4Y8 3232 3256 V2T 4Y5 3270 3298 V2T 4Y8 3308 3312 V2T 4Y9	CORAL AVE 31797 31927 V2T 2K1 31957 V2T 4T3 31796 31868 V2T 2J9 31916 31940 V2T 2K2	CONRAD AVE 31789 31905 V2T 2K4 31831 31849 V2T 2K5 31875 31895 V2T 3W4 31937 V2T 3W5 31788 31928 V2T 2K3	CONTOUR CRT 3129 3175 V2T 4J5 3130 3180 V2T 4J5	DAHLSTROM PL 32025 32085 V2T 2K7 32095 32275 V2T 2K3 32307 32387 V2T 2L2
CHEHALIS DR 3207 3263 V2T 4Y6 3271 32651 V2T 4Y7 32661 32793 V2T 4Y9 3246 3264 V2T 4Y6 3274 32650 V2T 4Y7 32720 32770 V2T 4Y9	CORAL AVE 31797 31927 V2T 2K1 31957 V2T 4T3 31796 31868 V2T 2J9 31916 31940 V2T 2K2	CONRAD AVE 31789 31905 V2T 2K4 31831 31849 V2T 2K5 31875 31895 V2T 3W4 31937 V2T 3W5 31788 31928 V2T 2K3	CONTOUR CRT 3129 3175 V2T 4J5 3130 3180 V2T 4J5	DAHLSTROM PL 32025 32085 V2T 2K7 32095 32275 V2T 2K3 32307 32387 V2T 2L2
CHELSEA AVE 33257 33277 V2S 1R8 33256 33266 V2S 1R7	CORAL AVE 31797 31927 V2T 2K1 31957 V2T 4T3 31796 31868 V2T 2J9 31916 31940 V2T 2K2	CONRAD AVE 31789 31905 V2T 2K4 31831 31849 V2T 2K5 31875 31895 V2T 3W4 31937 V2T 3W5 31788 31928 V2T 2K3	CONTOUR CRT 3129 3175 V2T 4J5 3130 3180 V2T 4J5	DAHLSTROM PL 32025 32085 V2T 2K7 32095 32275 V2T 2K3 32307 32387 V2T 2L2
CHESTNUT ST 3223 3293 V2S 4M2 3305 V2S 4M3 3222 3296 V2S 4M4	CORAL AVE 31797 31927 V2T 2K1 31957 V2T 4T3 31796 31868 V2T 2J9 31916 31940 V2T 2K2	CONRAD AVE 31789 31905 V2T 2K4 31831 31849 V2T 2K5 31875 31895 V2T 3W4 31937 V2T 3W5 31788 31928 V2T 2K3	CONTOUR CRT 3129 3175 V2T 4J5 3130 3180 V2T 4J5	DAHLSTROM PL 32025 32085 V2T 2K7 32095 32275 V2T 2K3 32307 32387 V2T 2L2
CHEMILCOTIN DR 32591 32603 V2T 5A5 32611 32645 V2T 5A4 32655 32673 V2T 4Z8 32717 32767 V2T 5S5	CORAL AVE 31797 31927 V2T 2K1 31957 V2T 4T3 31796 31868 V2T 2J9 31916 31940 V2T 2K2	CONRAD AVE 31789 31905 V2T 2K4 31831 31849 V2T 2K5 31875 31895 V2T 3W4 31937 V2T 3W5 31788 31928 V2T 2K3	CONTOUR CRT 3129 3175 V2T 4J5 3130 3180 V2T 4J5	DAHLSTROM PL 32025 32085 V2T 2K7 32095 32275 V2T 2K3 32307 32387 V2T 2L2

CHRISTINA PL

- 35194 Potter Jamie & Kristine 850-9177
Shaw Kevin M 850-9177
35199 Mc Kenzie Kari M 504-5511
Schmielgel Jerry 504-5511
35202 Ketter Tony V & Yvonne 556-0572
35205 Not Verified
BUSINESSES 1 HOUSEHOLDS 21

CHURCH ST -FROM 32061 PEARDONVILLE RD NORTH

2414 AUTUMN TERRACE CONDOMINIUMS

- 101 2414 Penner William 859-8572
102 Vacant
103 Not Verified
104 Mindel Harold 854-5143
105 Schellenberg A 850-5166
106 Siemens O 853-4649
107 Scheckel E 853-4417
108 Hamm Henry 854-6746
109 Vacant
110 Sawatsky C 850-0247
111 Giesbrecht Neta 859-4739
112 Braun H 853-5050
113 Fehr Isaac & Mary 853-8893
114 Harder S 850-2915
115 Banman A C 859-8005
116 Friesen M 859-2477
201 Shelly H 859-5452
202 Peters S 853-2889
203-204 Vacant (2 Apts)
205 Neufeld Peter F & Tina 853-1923
206 Ross E 852-8480
207 Pauls C 504-0065
208 Thibodeau R J 853-9519
209 Hill K C 853-0053
210 Vacant
211 Not Verified
212 Epp M 853-5830
213 Cooper Gary & Darlene 556-3709
214 Wiens Franz 854-3293
215 Weiler H 850-8784
216 Not Verified
301 Esau Betty 853-5285
301 Esau Mary 853-5285
302 Badke A 556-3349
303 Twining R 855-4450
304 Neufeld Peter K & Elizabeth 859-0116
305 Kehler K 853-2647
306 Not Verified
307 Lind A 853-5559
308 Not Verified
309 Neudorf K 859-9657
310 Mc Fayden Merle E 504-3210
311 Vacant
312 Not Verified
313-314 Vacant (2 Apts)
315 Sawatzky H 853-3747
316 Klassen H 859-8391

2425 PARKVIEW PLACE APARTMENT

- 101 Reimer Jacob 859-5881
102 Schmidt John J 859-6668
103 La Chance Larry J 852-2084
104 Champagne G 864-8875
105 Spent E 859-6802
106 Peters William & Anne 852-3935
107 Hamilton A 853-6986
108 Wiens O 853-9541
109 Guttridge S 854-8168
110 Not Verified
111 Rempel Ben 854-4190
112 Goetzke Hans 859-7056
201 Ediger Peter 859-1415
202 Cook E E 850-0389
203 Not Verified
204 Baker D P 852-0811
205 Voth K 864-9001
206 Falk Arnold H 859-2578
207 Schroeder H P 852-2605
208-210 Not Verified (3 Apts)
211 Wiebe G A 853-7343
212 Mc Lellan John 853-4356
301 Leduc L 854-5908
302 Abrahams D L 850-3074
303 Heinrichs Peter R & Margaret 852-2401
304 Doherty A R 853-7522
305 Raymer F Ross & Donna 853-7887
852-6222

CHURCH ST

- 306 Vacant
307 Sawatsky Jake J & Tina 853-1225
308 Rempel Peter K 859-5110
309 Peters Peter J & Kay 859-5881
310 Not Verified
311 Rempel John J & Katherine 859-5387
312 Martens David F & Martha 504-1921
2450 MAGNOLIA GARDENS condominiums
101 Wiebe J 864-4178
102 Thiessen K 859-9375
103 Matties H 853-5283
104 Jantzen W 852-3645
105 Harvey C 504-3911
106 Gross Albert 850-7176
107 Cross D E 852-5163
108 Voth M 853-3145
109 Janzen Henry & Kay 853-1454
110 Schmidt Peter 853-1937
201 Froese K 852-2103
202 Kucher E 850-2599
203 Neifert Jim 859-4953
204 Neumann J H O 853-6249
205 Blair Robert 854-3868
206 Angevine Ernie 859-0663
207 Hoffman A 855-0932
208 Friesen M T 850-7652
209 Friesen C 854-3489
210 Janzen M 852-4292
301 Friesen K 859-9333
302 Warkentin Albert & Elsie 853-2685
303 Brotherston G J 859-8982
304 Follack H 853-9433
305 Harder H 864-4252
306 Martens J 853-7478
307 Morris A 850-2737
308 Zacharias Peter & Mary 855-8963
309 Suderman H 852-3197
310 Neufeld Ben 850-8720
BUSINESSES 3 HOUSEHOLDS 107

CLARKE DR -FROM 33700 BUSBY RD NORTH

- 2282 BRUINSMA TREE SERVICE tree service 854-6182
Bruinsma Ed W & Susan 854-6182
2283 Des Lauriers Emerson & Adelje 859-5860
2295 Patterson Albert H & Alvina 853-2009
2298 Miller M L 853-2410
2311 Lawlor Glen & Maria 853-2162
Lawlor Ryner 853-2162
2314 Lamont Brian 853-7798
Gladstone Wesley 853-7798
2319 Long Robert 854-3695
2326 Groot Ken & Linda 853-2241
2327 Battistoni P J 853-3124
2335 Jones Dan 853-1722
2336 Mc Donald L 859-1011
2346-2347 Not Verified (2 Hses)
2355 Scott R W 853-7978
2358-2369 Not Verified (2 Hses)
2369 Sanderson Billy 556-2521
2370 Heppner D 852-8380
2393 Not Verified
+ MC DOUGALL AV INTERSECTS
BUSINESSES 1 HOUSEHOLDS 19

CLAUDIA CT -FROM 31868 CONRAD AV NORTH

- 3058 Gibson R M & Margaret 850-2224
Gibson Stephanie 850-2224
3059 Boulanger Leon & Karen 864-0654
3068 Samograd T & Valerie 504-3335
3069 Hodges P 853-3258
3078 Fust Danny E & Karen 859-8547
3079 Lowey Dale & Colleen 852-6263
3088 Wallace Andrew J 852-3986
3089 Mc Mann Everett 853-0897
HOUSEHOLDS

CLEARBROOK RD -FROM 31943 KING RD NORTH

- 1630 Not Verified

CLEARBROOK RD

- 1648 Dhaliwal Chamkaur S & Surinder 852-3454
1681 FRASER VALLEY CHICK SALES LTD 864-0555
1694 Clarke Larry E & Pat 850-5807
1709-1733 Not Verified (2 Hses)
1736 Normand K A 855-4234
1745 Peters Vern A 855-6094
1762-1772 Not Verified (2 Hses)
1789 H & H TRAILER SALES LTD 864-0026
Craig Jacqueline 854-3840
1794-1806 Vacant (2 Hses)
1822 Irwin Wayne 504-7284
1858 Reddecopp Herbert 854-1042
Oppen Brian 854-1042
+ FREEWAY OVERPASS
+ MARSHALL RD INTERSECTS
+ JOYCE AV INTERSECTS
2073 HOLIDAY INN EXPRESS 859-6211
2073a RICKY'S RESTAURANT 859-6789
2095 MADEIRA CHEVRON TOWN PANTRY 850-6773
+ SHERWOOD CRES INTERSECTS
2112 Johnson Garry A 864-9492
2121 THREE D CYCLES LTD motorcycles sls-serv 859-4732
2122 102 P J AUTO SALES LIMITED auto sales 864-6239
2321 Vacant
2139 STRIP MALL
+ UNITS
1 CLEARBROOK GLASS 854-1327
3 MISTER TRANSMISSION 853-0020
4 LARK MOTORS (1981) LTD 853-2304
2142 CLEARWEST SOLUTIONS cellular telephones 504-3838
2156 Not Verified
2166 Vacant
+ SHERWOOD CRES INTERSECTS
2181 SHELL GAS STATION 850-1150
2182 Not Verified
2194 Penman Tammy 850-3021
+ MELMAR ST INTERSECTS
2211 GLENWOOD MANOR
101 Matties John W & Dolores 853-8901
102 Not Verified
103 Smith Mike 859-7485
104 Not Verified
105 Fischer Melford 852-5648
106 DIRECT FIRE SYSTEMS fire equip 859-0563
107 Carter H J 853-6704
108 Taylor L 870-0172
109 Not Verified
110 Trotter J 855-0546
111 Neuman E 859-9039
112 Not Verified
113 Markowski D 504-7828
114 Johnson Leonard 853-6072
115 Not Verified
116 Gibbs G 853-8809
201 Hood Alan 850-9085
202 Martens K 859-6618
203-204 Not Verified (2 Apts)
205 Unruh Adolf 859-0536
206 Whitney Den 855-5393
207 Pawlett K 850-7983
208 Parton K C 853-1035
209 Loewen Susie 859-5081
210 Enns E 859-6101
211 Keye S 853-7935
212 Allen M 853-9172
213 Neufeld Margaret 854-5063
214 Lee David & Dianne 853-8577
215 Feich E E 853-9734
216 Doucet M 859-2542
301 Guilbert 855-0754
302 Widge Eddie 855-8879
303 Not Verified
304 Lamothe J 852-4269
305 Heidebrecht Bud 864-4982
306 Landells S 859-5649
307 Thiessen Lawrence & Hilda 850-8560
308 Hart Gordon 850-2912
309 Klassen Trevor 852-8660
310 Anderson D 855-6923
311 Not Verified
312 O'Donnell Dorothy Jean 859-0363



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BAKERVIEW INN - ABBOTSFORD**
Phone 859-1341



Exit 92, Off Hwy. #1

1821 Sumas Way

WAGNER DR to WARE ST

180

HOMEOWNER

WAGNER DR

3367 Not Verified

3375 Parshad Ram S & Nirmla 4 850-9393

Parshad Neel & Suman 850-9393

3385 Not Verified

3394 Kaila Jagroop S & Simardeep 2 855-5370

Kaila Bikker S & Ranjit 855-5370

3395 Singh Piara 2 852-4734

Smid A 852-4734

3402 Mahi Sharanjit 2 854-1682

3403 Bhangu Harry 2 850-2897

3412 Dass Amrit & Vijai Lalit 2

3413 Gill Surinder 2 852-2861

Gill Taswinder 852-2861

Gill S 2 855-7663

3422 Lalli W 2 850-7112

3423 Bucusis David G & Sherry 2 504-7399

3432 Gill Sukhdarshan S 3 855-0180

3433 Mander Bhadur S & Taljinder 2 854-1573

Gill Shivinder S 854-1573

3456 Hundall Baljit & Jaswinder 2 854-5701

Hundall Kabal S & Sukwant 854-5701

Hundal Baljit & Jaswinder 2 556-3580

3457 Farwaha Jasbir S & Lakhbir 2 852-4751

Farwaha Harpreet K 852-4751

Farwaha Jagjit & Baljit 852-4751

Farwaha Sharanjit K 852-4751

3463-3524 Under Constn (4 Hses)

31236 Irion Roland A 2 854-5815

31246 Not Verified

31251 Sharma Manohar & Monika 3 854-3852

Sharma Tarlochan & Rekha 854-3852

31256 Papuc Rick N & Bonnie 3 855-6115

31261 Crocker L 2 852-2216

Crocker Elizabeth 852-2216

31264 Narivonchik Igor & Galina 556-7873

Narivonchik Irina 556-7873

31271 Dhillon Nirbhaj 2 864-6284

Deshi K S 864-6318

31274 Brar Sewa S & Angrej 2 855-6711

Brar Sukhjeet K 855-6711

31279 Watrin Kevin & Michelle 2 852-9383

31284 Badger Gordon K & Lisa 2 852-8199

31289 Mahal Rajdeep 504-3491

31292 Delbridge John R & Enri 3 855-4613

31297 Wollbaum David A & V Joan 2 556-2290

31300 Borseth Jason 864-0064

31305 Fik S 3 850-8440

31306 Jhinger Balbir 2 854-3928

31315 Sahota Nashatt 3 850-7824

31316 HERBIE'S PAINTING res painting
contr. 852-8398

Pahal Herbie H & Inderjit 3 852-8398

31325 Mann C S 2 855-0053

31326 Klassen Len A & Sharon 2 855-0169

31335 Weins Gerhard H & Maria 864-4215

31336 Beauchesne J C & A 2 852-6882

31343 Bains Malkit Singh 3 855-1922

Deol Sukhwinder 855-1922

31402 Under Constn

BUSINESSES 3 HOUSEHOLDS 74

**WAGNER PL -FROM WAGNER DR
NORTHEAST**

3442 BRITE GUTTER INSTALLATIONS LTD
contractor 854-1102

Ruiter Jim 2 854-1102

Ruiter D J 854-1102

3351 Mand Ranjit 3 852-6287

3352 Not Verified

3361 Torsky Linda S 504-5775

Torsky Melissa N 504-5775

3362 Not Verified

3371 Jarvis Gordon & Erika 855-1714

WAGNER PL

Jarvie Suzanne C 855-1714

3372 Johnsen Chris 3 854-8270

BUSINESSES 1 HOUSEHOLDS 7

**WALDEN ST -FROM 34500 BLK DONLYN
AV NORTH**

11

3525 Myers-Wardal D 2 853-9024

3537 Duncan Craig 864-8987

3547 Not Verified

+ **HURST CRES INTERSECTS**

3559 Code C 859-1569

3569 MARIA'S STUDIO 35 nails tech

Reimer M 2 854-1938

854-1938

3572 Flett K 3 859-8554

3579 Romanchuk Cameron B 3 853-0221

3584 Stralton T 2 854-3888

3589 Mac Pherson William & Sharon 2 855-6606

853-0030

3596 Madill L A 3 853-0030

+ **THOREAU AV INTERSECTS**

3602 Mac Neil Sean 855-1883

3605 Johnston Dennis R 4 859-5552

3614 Fraser Lon & Karen 3 853-8575

3617 Dyck Robert V 3 853-5463

3624 Birchfield Mike J & Brenda 853-8508

3627 Kuipers Henry & Marilyn 2 855-7578

852-1974

3632 Gruszczynski Danny 4 852-4559

3636 Green S J 2 853-7903

BUSINESSES 1 HOUSEHOLDS 19

**WALKER CRES -FROM 34600 BLK
MARSHALL RD SOUTH**

20

34650 Mayhew Don 3 852-8369

34660 Nelson Gary C & Leila 3 859-2073

34661 Penill E A 4 854-3354

34670 Barr M 832-8959

34671 Mulder John & Marianne 852-4358

+ **SKYLINE DR INTERSECTS**

34691 Mc Meekind Gary A 2 852-5195

Fairbairn Mark G 852-5195

Muscat Christopher J 852-5195

34694-34709 Not Verified (2 Hses)

34714 Botkin W D 2 504-0109

34729 Thornton C 3 852-1802

34734 Klein Paul 870-0274

34734 Klein Ehren 852-3888

34746 Rozsa S 2 859-6442

34750 Pincott Keith C 2 859-7836

34752 Not Verified

34753 Funk Melvin & Mona 3 853-6269

34756 Wandrei Bud 2 859-5262

Emery Ron F & Gloria 853-7106

+ **MARSHALL RD INTERSECTS**

HOUSEHOLDS 18

**WALNUT AV -FROM ABBOTSFORD-
MISSION HWY EAST**

11A

33874 Not Verified

33877 Pool John Jr 3 853-3625

33879 White Jim & Michelle 3 850-1341

33887 Green K L 854-5650

33887 Not Verified

33897 Fisher Harry 2 853-4994

33902-33904 Not Verified (2 Hses)

33907 Richardson A 2 859-4496

33919 Vacant

33945 Not Verified

+ **MC CRIMMON DR INTERSECTS**

+ **MAPLE AV INTERSECTS**

33986 Not Verified

33988 Mc Gurk Thomas 3 850-0287

33993 Not Verified

+ **PRATT CRES INTERSECTS**

+ **CAMBRIDGE ST INTERSECTS**

34115 Euverman H 3 556-0324

+ **WOODLAND ST INTERSECTS**

34161 Dykstra A 3 859-0823

34171 Bowler Harvey & Margaret 2 855-3387

WALNUT AV

34181 Flavell M R 3 859-6162

Mann Joseph 859-6162

+ **ASH ST INTERSECTS**

+ **GREEN BLVD INTERSECTS**

HOUSEHOLDS 18

**WALNUT ST -FROM 112 RIVERSIDE RD
NORTHWEST**

19

244-286 Not Verified (3 Hses)

298 Braaten Arden 2 854-3975

HOUSEHOLDS 4

WALSH AV -FROM 2616 WARE ST EAST

16A

33228 MERRY-GO-ROUND KIDS' STUFF
kids wear

33233 BAVARIA RESTAURANT 859-3154

33233c SCOTT MOTORCYCLE 864-0313

33236 ABBOTSFORD BOTTLE DEPOT
bottles recycling 853-7770

33241 COUNTRY WEST CONSTRUCTION
LTD 852-6868

ABBOTSFORD PEER SUPPORT FOR
SENIOR volunteer servs 850-0011

33241b MISTER ROOTER PLUMBING plmb
sewer & drain cin 853-8598

+ **ALLIANCE ST INTERSECTS**

BUSINESSES 7

WALTER RD -FROM WHATCOM RD EAST

10A

REGAL PEAK ESTATES

36110 SPAFFORDS DECOR INTERIORS
INC interior design 855-8889

Spafford T Kevin W & Maureen 2 855-0044

36111 Taylor L 2 852-6833

36115 Not Verified

46116 Federau F 504-0844

36119 Zeichroeb Bruce I

36120 Friend Doug 2 864-9767

36123 Breedveld Arthur 4 852-2525

Brown M T 852-2525

36126 Grimson Douglas E 2 864-6155

36127 Curtis Kevin F & Joan 3 854-1147

36132 Esau Ken L & Cheryl 850-9027

36133 Laurie K 2 855-5050

36140-36142 Not Verified (2 Hses)

36144 Nickel R 4 864-6400

36167 Baker F H 852-5056

36170 Penner Barry G & Annigje A 2 864-0057

852-4551

36202 Harworth S 3 852-4551

+ **CARRINGTON LA INTERSECTS**

BUSINESSES 2 HOUSEHOLDS 17

**WARE ST -FROM 33218 MARSHALL
NORTH**

6

2010 Not Verified

2020 Sanford S 3 850-7835

2029 PEACE LUTHERAN CHURCH

859-5409

2030 DEERFOOT REVIEW newspaper

850-6769

Neville M 3 850-6769

Pockett E 850-6769

2040 Olsen Rick R 2 855-4783

Rose Shannon M 855-4783

2047 Jeffery L 3 859-2544

2050 Not Verified

2055 Ganda Karmjit S 3 850-1839

2062 Veters Richard A 3 864-0333

2065 Not Verified

2067 Parks Don 2 859-7590

2070 Doering H I 2 859-3237

Doering Mark F 859-3237

2075 Kilby C 3 864-0613

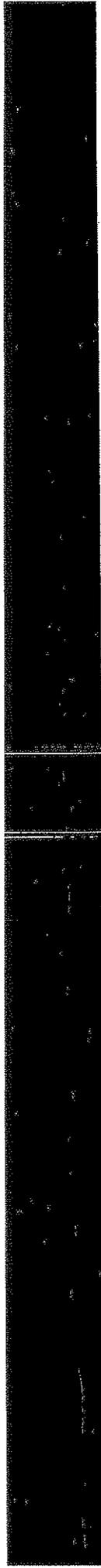
2077 Kilby John & Margaret 3 859-3786

2082 Not Verified

2090 Yarema Mathew 2 854-5012

2096 Wortley S 2 855-3387

**LOWER FRASER
VALLEY
DIRECTORY,
1970**



ABBOTSFORD

CLEARWATER

DIRECTORY,

1970

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CONCRETE**

Clearbrook Rd. South
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"TESTED



QUALITY"

TOTEM READY MIX

SAND and GRAVEL

PHONE

859-5208

Beech Av - Contd

- 31849 Bradley W E @ 859-5900
 - 31858 Vacant
 - 31860 Occupied
 - 31861 Enns J K @ 859-8226
 - 31870 Clearbrook Engineering mech design 859-7090
 - 31885 Neufeld Abr S 859-8957
ALDER BEGINS
 - 31906 Quiring Rev J H @ 859-4654
 - 31907 Voth J H @ 853-2873
 - 31918 Degeer J E 853-3516
 - 31919 Falk G H @ 859-8254
 - 31926 Alford M A @ 859-8742
 - 31927 Zacharias C 859-9904
 - 31929 Vacant
 - 31950 Dyck I @ 853-1204
 - 31951 Spent J @ 859-8084
- HOLLY INTERSECTS

BEECHWOOD AV

- EAST FROM 33690 WILDWOOD
- 33690 Whitehouse H 853-2563
 - 33705 McDonald D B @ 859-5787
 - 33708 Neufeld K G 853-3991
 - 33719 Paris J H @ 859-8462
 - 33726 Gregson J E 853-2059
 - 33737 Cromack A @ 859-9555
 - 33743 Mentel E J @ 859-7249
 - 33750 Coates E S @ 859-5620
 - 33753 Ratcliffe E R D @ 859-5408
- LOBBAN INTERSECTS

BELMONT AV

- EAST FROM 2645 JANZEN
- 31768 Wiebe Mrs A @ 859-9562
 - 31770 Thiessen D 859-7751
 - 31781 Richmond L @ 853-1658
 - 31794 Dyck B R @ 859-7529
 - 31795 Loewen P @ 859-5903

BERKS ST

- NORTH FROM 34538 KENT
ws New House
- 3013 Vodden B 859-8080
- YORK ENDS

BEVAN AV

- EAST FROM 2195 EMERSON
- 32712 Anderson P R @ 853-2740
 - 32730 Reimer R A @ 859-9058
 - 32740 Conroy A D @ 853-2375
 - 32752 Schendel Mrs E H @ 859-5856
 - 32768 Jory H M @ 859-5512
 - 32788 Kullman H G 859-8338
- GLADWIN INTERSECTS

- 32811 Yakoweshen M @ 859-8617
- 32829 Hamm H J @ 859-8891

Bevan Av - Contd

- 32848 Bakken A N @ 859-5886
 - 32853 Hendy E @ 853-2455
 - 32860 Tereposky Mrs E @ 859-8085
 - 32904 Occupied
 - 32932 Huesdon C H A @
 - 32947 Vacant
 - 32950 Occupied
- WILDWOOD ENDS
- 32961 Enns Roof 853-1210
 - 32961 Enns N J @ 853-1210
 - 32969 Janzen B W @ 853-2032
 - 32970 Dunlop Mrs M 859-7095
 - 32978 Isaaks J carpentry 859-5131

- 32978 Isaaks J E @ 859-5131
- 32981 Rokstad Mrs A @ 859-7454
- 32994 Occupied
- 32995 Zomar J Trkg 853-2314
- 32995 Zomar J S @ 853-2413

PRIMROSE ENDS

- 33021 McCarthy J 859-5482
- 33022 Unrau G P @ 853-2083
- 33031 Wolfe Mrs E @ 859-9194
- 33036 Fehr H 853-3905
- 33043 Munroe Mrs A 859-5897
- 33047 Niessen W @ 853-2420
- 33050 Cavacace A @ 859-7736

WILEROSE ENDS

- 33075 Temple E O @ 859-8694
- 33078 Fraser A O @ 853-3693
- 33083 Occupied
- 33095 De Vries D @ 853-1483
- 33106 Ducsay A 859-9587
- 33109 Fuerstenberg Mrs R M @ 853-3250

- 33119 Christianson C E @ 853-2357
 - 33129 De Jong S @ 859-4019
 - 33130 Godson Elem Sch 853-1833
 - 33141 Hildebrand H D @ 859-5779
 - 33151 Netsch J @ 859-5311
 - 33163 Moore F R @ 859-9737
 - 33171 Occupied
 - 33181 Zurowski L 859-9260
- WARE INTERSECTS

BEVERLEY CRES

- NORTH FROM 34683 OLD CLAYBURN
- 3223 Mageau B L @ 853-3280
 - 3241 Young J W G @ 853-3767
 - 3242 Borslein S A @ 853-1404
 - 3251 Vander Hoek F @ 859-7705
 - 3270 Sloboda E A @ 859-4985
 - 3280 Carver M E 859-9282
 - 3290 Shatford A R @ 853-3439
 - 3320 Pelletier A J @ 859-5388

BINDEN PL

- NORTH FROM 31870 CORAL
es New House
- 3061 Charles C E @

BIRCH ST

- NORTH ACROSS 34180 DOGWOOD
CRES
- 2567 Neetz R G @ 853-3285
 - 2581 Primrose R A @ 859-9444
- DOGWOOD CRES BEGINS
- 2597 Brown H 859-7303
 - 2613 King R V @ 859-9237
 - 2623 Dix A @ 853-2810
- HAZEL INTERSECTS

BIRCH ST (Clearbrook)

- NORTH FROM 31926 OAK
- 2322 Occupied
 - 2331 Schroeder F @
 - 2332 Funk Mrs S 859-4465
 - 2338 Guika J 859-5307
 - 2339 Peters Mrs M 853-2367
 - 2348 Kaszonyi J F @ 859-9700
 - 2349 Schmor H B @ 853-2994
 - 2354 Soloman Mrs A @
 - 2367 Rempel H D @ 853-3864
 - 2368 Enns A W @ 859-7308
 - 2378 Vacant
 - 2379 Harder Rev A A @ 859-5392
- PEARDONVILLE INTERSECTS

BOULDER ST

- NORTH FROM 32275 DAHLSTROM
- 2931 Regier H @ 853-1574
 - 2936 Treichel M L @ 859-7562
 - 2941 Tuchscherer L L @ 859-9721
 - 2961 Penner D F @ 859-7435
 - 2968 Nickel H @ 853-2130
 - 2976 Vacant
 - 2989 Kurtinacker L 853-3581
 - 2992 Thiesen Bernard L @ 859-9645

BOULT AV

- EAST FROM 2158 EMERSON
- 32741 Takeuchi M @ 853-3148
 - 32763 Occupied
 - 32773 Stiles R E @ 853-2621
- GLADWIN INTERSECTS

BOUNDARY RD

- EAST FROM 2420 McCALLUM
- 33626 Nelson Mrs V 859-8479
- HOMEVIEW BEGINS
- 33631 Dennis Miss D
 - 33640 Henderson Mrs D @ 853-1706
 - 33648 Laplante J D 859-7590
 - 33655 Gamache E 859-4025
 - 33668 Christian Science Soc
 - 33669 Chapman Mrs B L 859-8472
- PAULINE BEGINS
HILLSIDE ENDS



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Realty Ltd.**

& INSURANCE

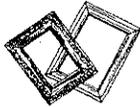
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Clearbrook Realty Ltd.
Clearbrook Insurance Agency Ltd.

Phone 853-2277



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ART SUPPLIES—CUSTOM PICTURE FRAMING

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Clearbrook

Cedar Av - Contd

- 34246 Appeldoorn H @ 859-4363
- 34252 Goertzen E E @ 853-3988
- 34258 Martin D F @ 853-3038
- EARL'S CT BEGINS
- 34264 Occupied
- 34272 Fribance G E @ 859-7830
- 34292 Tallman O O @ 859-8149
- 34295 Morris D E @ 859-7858
- ns New House

CEDAR LANE

- EAST FROM 2564 CLEARBROOK
- 32025 Occupied
- 32034 Schroeder Mrs A @ 859-5516
- 32040 Thiessen Mrs S @ 859-4148
- 32054 Brandt Mrs E @ 859-5716
- 32055 Kane J T @ 853-2459
- 32062 Warkentin D H @ 853-2189
- 32070 Warkentin A @ 859-9896
- 32088 Bauman A @ 859-9502
- AUBURN INTERSECTS

CENTENNIAL ST

- NORTH FROM 31881 UNION
- 270 Konrad P J @ 859-9853
- 2610 Giesbrecht H @
- 2611 Fast J H @ 859-9285
- 2625 Friesen Contrg bldg contrs
859-4232
- 2625 Friesen A O @ 859-4232
- 2628 Gossen J H @ 859-4438
- 2640 Kasper N @ 859-8177
- 2641 Wiebe G W @ 859-8202
- 2647 Born Mrs K @ 859-9405
- 2652 Maujoka M @
- 2657 Rempel A @ 859-9395
- 2662 Hooge H G @ 859-9406
- 2669 Rempel A W
- 2676 Ratzlaff G P @ 859-8642
- 2679 Lietz Mrs A @ 859-2028
- 2684 Thiessen D C @ 859-9595
- 2702 Driediger D D @ 859-4637
- 2710 Arendt J M @ 859-4339
- 2711 Qualey J E @ 859-5990
- 2718 Janzen H J @ 853-3108
- 2721 Heppner H M @
- 2728 Kroeker Mrs A @ 853-3930
- 2729 Friesen J M @ 853-2314
- OLD YALE RD INTERSECTS
- 2771 Brucks A @ 859-5834
- 2778 Wiebe P J @ 853-3092
- 2781 Zacharias J @ 853-3820
- 2789 Ljashenko H @ 859-9288
- 2798 Lenzmann Rev H @ 859-4924
- 2799 Wiens P H @ 859-9843
- DUCHESS BEGINS
- 2805 Enns H H @ 859-5888
- 2808 Occupied
- 2815 Fisher J E @ 859-8020

Centennial St - Contd

- 2808 Block H @ 859-8186
- COUNTESS CRES INTERSECTS

CENTRE ST

- NORTH FROM 31800 BLK GLEN-
WOOD
- BEECH BEGINS
- 2257 Reddicopp L @
- 2261 Goodlad W J @ 853-3205
- 2273 Dyck David @ 853-1356
- 2289 Thiessen J @ 859-9941
- 2315 Harder E bldg contr @ 859-4540
- 2315 Rita's Beauty Salon @ 859-8813
- OAK BEGINS
- 2323 Occupied
- 2333 Preston G R @ 853-3490
- 2343 Rempel P J @ 853-2046
- 2344 Block P C @ 859-9263
- 2353 Baerg R @ 859-9875
- 2353 Siemens A R @ 859-5107
- 2373 Harder J J @ 859-8930
- FOREST BEGINS
- 2425 Occupied
- 2426 Moore C T @ 859-4504
- 2436 Braun D H @ 859-8333
- 2437 Enns A J @ 853-2539
- 2446 Loewen D H @ 853-1547
- 2449 Baerg J @ 853-3235
- 2456 Wilson A J @ 859-7485
- 2459 Siemens Mrs A @ 859-9175
- 2466 Toews S @ 859-4324
- 2476 Johnston E C @ 853-3966
- SOUTH FRASER WAY INTER-
SECTS

CHELSEA AV

- EAST TO 2150 SANDALWOOD CRES
- 33256 Stuart F A @ 859-9428
- 33257 Siska J @ 859-9421
- 33266 Dick Rev E G @ 853-3511
- 33267 Stewart B L @ 853-2650
- 33277 Drew W A @ 859-4634
- SANDALWOOD CRES INTER-
SECTS

CHERRY ST

- NORTH FROM 33695 MARSHALL
- 2020 Trinity Lutheran Ch
- 2045 Fowler D H @ 859-8405
- 2054 Kular S W @ 853-2392
- 2059 Hampel Mrs A @ 853-2077
- MAYFAIR INTERSECTS

CHESTNUT ST

- NORTH FROM 34661 OLD CLAYBURN
- 3267 Hicks L R @ 853-1469
- 3232 Lyons Mrs A @ 859-7346
- 3291 Loewen J M @ 859-5081

Chestnut St - Contd

- 3295 Rolleman's Constn bldg contrs
859-4104
- 3296 Rolleman H H @ 859-4104
- 34667 Gossen F J @ 853-2870

CHURCH ST

- NORTH FROM 32061 PEARDONVILLE
- 2424 Regier P E @ 859-9811
- 2425 Zacharias Rev J L @ 853-1488
- 2432 Sima Mrs E @ 859-9153
- 2435 Siemens Mrs M @ 859-4169
- 2440 Bergen Mrs H W @ 859-5172
- 2441 Dyck H @ 859-8115
- 2445 Bergen E @ 853-1774
- 2449 Neufeld J @ 859-5078

CLARKE DR

- NORTH FROM 33750 BUSBY
- 2282 Tretbewey J O @ 853-2648
- 2283 Hougan A I @ 853-2510
- 2295 Patterson A H @ 853-2099
- 2298 Miller Mrs M L @ 853-2410
- 2311 Webster F C @ 853-1726
- 2314 Perry C P @ 853-1931
- 2319 Thiessen J I @ 853-2845
- 2326 D'Andrea A @ 853-3657
- 2327 Battistoni C F @ 853-3124
- 2335 Jones M D @ 853-6156
- 2336 Calland Rev N @ 853-2416
- 2346 Gregory Rev J H @ 853-2154
- 2347 Imhan R B @ 853-1500
- 2355 Harder I J @ 859-5662
- 2358 Hapiuk N @ 859-9014
- 2369 Groothof L @ 859-9495
- 2370 Kraft J G @ 859-8926
- 2393 Tucker M @ 853-2688
- BOUNDARY INTERSECTS

CLEARBROOK RD

- NORTH FROM 31943 KING
- 1630 Dick A A @ 859-4560
- 1648 Wiebe W @ 853-3692
- 1649 Bennett F C @ 859-9717
- MARSHALL RD EXTENSION ENDS
- 1709 Occupied
- 1733 Loewen A @ 859-9389
- 1736 Veer W J @ 859-4585
- 1745 Okkerse T H masonry constr
859-9235
- 1762 O'Brien D L @ 859-5327
- 1772 Weir N W @ 853-3440
- 1789 H & H Trailer Sales & Rentals
853-2894
- 1789 Hildebrandt H J @ 853-2894
- 1794 Vacant
- NOT OPENED THROUGH
- 1806 Rawleigh Prods @ 859-8323
- 1806 Toews W F @ 859-8323
- 1882 Isaac H P @ 859-8551

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32031 SOUTH FRASER WAY

PHONE 853-1361

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2467 PAULINE ST.

PHONE 853-1151

ABBOTSFORD

Clearbrook Rd - Contd

1824 Bergen Mrs K @ 859-4002
 1858 Matties H @ 859-5739
 MARSHALL RECOMMENCES
 JOYCE BEGINS
 2085 Lescheid W 859-7379
 2095 Friesen Equip farm equip
 859-7644
 2121 Wiebe J @ 853-2435
 2132 Itcush Mrs P @ 859-4557
 2139 Occupied
 2153 Vacant
 2166 Dueck J A @ 853-2942
 2175 Thiessen J R 859-8842
 2182 Rempel G J @ 859-9780
 2194 Friesen D D 853-1576
 2197 Lark Mtrs serv sta 853-3815
 MELMAR BEGINS
 2211 Fleming J J @ 859-8581
 2231 Lawson B J 859-7839
 2245 Occupied
 2276 Manley E W @ 859-8336
 2285 Bakerview Mennonite Brethren
 Ch 859-4611
 FIR BEGINS
 2310 Vacant
 2311 Whitmore P 859-4164
 2328 Bergen Mrs T @ 853-1631
 2331 Shroeder Mrs T @ 859-9775
 2339 Derksen Dr W H @ 853-3115
 2349 Goerz J @ 859-5198
 2359 Sawatzky Mrs A @ 859-8277
 2360 Wiens J J @ 859-7872
 2369 Dyck Miss M
 2372 Andres W G @ 853-3415
 2377 Epp G P @ 859-9596
 PEARDONVILLE INTERSECTS
 2410 Pankratz Mrs J @ 859-4487
 2411 Ferns Beauty Nook beauty salon
 859-4914
 2420 Krahn I I @ 859-8650
 2421 Occupied
 2430 Martens Mrs S @ 853-1891
 2431 Reimer Rev B D 859-7241
 SUNRISE CRES BEGINS
 2440 Krahn Mrs M @ 859-8174
 2448 Buhr Mrs A 859-5914
 2455 Warkenten A @ 859-8520
 2458 Occupied
 2466 Baxandall J @ 859-4908
 PINEVIEW BEGINS
 2467 Block Mrs K @
 2486 Peters Mrs K @ 859-8929
 2487 Friesen D A @ 853-2305
 SUNRISE CRES ENDS
 2494 Advance Htg @ 859-7261
 2497 Hildebrand Mrs M @ 859-4162
 2500 D&D Constn bldg contr 859-8267
 2500 Dyck A A @ 859-8267
 2502 Laudromat
 2502 Huffman J
 2502 Epp J
 2502 Friesen D

Clearbrook Rd - Contd

2507 Schmidtke C @ 859-7025
 2508 Enns I G A Foods
 2516 Occupied
 HILLCREST BEGINS
 2519 Occupied
 2529 Occupied
 2539 Rogalsky H J @ 859-5508
 2539 Schmidt A D @ 859-8229
 2540 Friesen Mrs M @ 853-2704
 2548 Kopp P P 859-5593
 2549 Loewen F F @ 859-4055
 CEDAR LANE BEGINS
 2569 Heppner J @
 2577 Vacant
 2579 Valley Taxidermy & Fibreglass
 859-4740
 2580 Filter Queens Sls vacuum clnrs
 859-8430
 2580 Wallace D H 859-4939
 SOUTH FRASER WAY INTERSECTS
 2611 Laundromat
 2613 Vic's Barber Shop 859-6240
 2615 Marshall Wells Plaza Hdw
 859-5612
 2627 Penner's Pharm 853-2421
 2631 Can Imperial Bank 853-3344
 2635 Heppner Jwlrs 859-4016
 2639 Clearbrook Food Centre 853-2310
 2640 Vacant
 2642 4 Giddings M E 853-1368
 2651 Neufeld Mrs E J @ 853-1432
 2665 Epp D D P 859-8379
 2672 Wiens J A @ 859-8865
 DUECK ENDS
 2682 Schmor Miss C 853-1038
 2689 Harder H
 2691 Tieszen A H @ 859-8841
 2693 Letkamen Mrs H @ 853-1945
 2694 Mielke F @ 853-1884
 NOBLE BEGINS
 2704 Enns Mrs S B @ 859-9212
 2716 Buller Mrs H @ 859-9822
 2728 Brandt J K @ 859-9822
 2736 Sukkau J A @ 859-4190
 2758 Gyuricza E @ 853-1066
 OLD YALE INTERSECTS
 2770 Neufeld M L piano tchr @
 859-5388
 2700 Neufeld W R violin tchr @
 859-5388
 2780 Wiens Mrs H @ 859-5389
 MT WADDINGTON BEGINS
 2794 Derksen J J @ 853-2402
 2808 Brown J I @ 859-4273
 2816 Wiens H J @ 859-9547
 2826 Peter's B B @ 859-9959
 2834 Hodel Miss O R @ 859-7042
 2836 Gutwin Miss H 859-4978
 TIMS BEGINS
 2844 Peters C N @ 853-2179

Clearbrook Rd - Contd

2855 Occupied
 1 Stonehouse R 859-7273
 2 Woloschuk D 859-9593
 3 Dyck E C bldg contr 859-4561
 4 Regier P
 2860 Nickel Mrs M @ 859-4561
 2873 Zurowski H C @ 853-3620
 2876 Stralut E 853-2348
 2882 Paetkau Miss M @
 2890 Reimer H G @ 859-5319
 HOPEDALE ENDS
 DAHLSTROM BEGINS
 2901 Wiebe Mrs C 853-3596
 2911 Niessen P 853-2980
 2940 Mennonite Brethren Bible Inst
 sch 853-3358
 2940 Mennonite Brethren Mission of
 BC 853-3358
 2940 Mennonite Brethren Christian
 Educ Ofc 853-3358
 2940 BC Conference of Mennonite
 Brethren Churches 853-3358
 2944 Schmidt G 859-8102
 2953 Occupied
 2972 Belton T
 2985 Braun G @ 853-3865
 2992 Braun N @ 859-9660
 CORAL ENDS
 3019 Unruh J W 859-9301
 3026 Schierling J 853-2936
 3035 Suderman H J 859-5849

COMMERCIAL ST

NORTH TO 32547 SOUTH FRASER
 WAY

2629 Ace Hydraulics mach shop @
 859-4442

2649 Occupied

SOUTH FRASER WAY INTERSECTS

CONWAY PL

SOUTH FROM HIGGINS

CORAL AV

EAST FROM 2953 PRINCESS

31796 Stelting H E @ 859-7768

31798 New House

31800 New House

31802 New House

31804 New House

CASTLE CT BEGINS

ROYAL ENDS

CLEARBROOK INTERSECTS

COUNTESS CRES

NORTH FROM 31876 OLD YALE

2626 Wiebe D P @ 853-1787

2627 Reimer J A @ 853-2328



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PHONE 859-5264

Abbotsford

Countess Cres - Contd

- 2730 Occupied
- 2769 Occupied
- 2785 Pauls H D @ 859-5042
- 2795 Rempel J I @ 853-2313
- 2805 Hooge H P @ 853-2412
- 31838 Ewert J J @ 853-3428
- 31847 Boldt P H @ 853-3588
- 31857 Riediger Mrs S @ 853-2078
- 31869 Martens J R @ 853-2070
- 31878 Derksen Mrs S @ 853-3557
- 31879 Ratzlaff - @ 859-8810
- 31888 Goosen J P @ 859-8197
- 31889 Martens Mrs F @ 859-4980
- 31909 Thiessen A I @ 859-9694
- 31910 Dyck P J @ 859-5048
- 31910 Martens N
- 31919 Klassen Mrs K C @ 859-5623

VICTORIA INTERSECTS

COUNTRESS ST

- NORTH FROM 31893 UNION
- 2640 Jantzen W 853-1652
- 2651 Wiebe J A @ 859-8541
- 2654 Konrad J @ 859-7855
- 2663 Schroeder W D @ 853-2382
- 2666 Giesbrecht J J @ 853-1791
- 2666 Martens A 853-3876
- 2673 Schmidt P @ 859-4603
- 2678 Doerksen G H @ 859-9057
- 2683 Konrad G A @ 853-2859
- 2690 Suderman P E @ 853-3989
- 2693 Doerksen Mrs K @ 859-5012
- 2702 Voth H A @ 859-7501
- 2709 Pauls N H @ 859-9983
- 2710 Warkentin J J @ 853-1896
- 2710 Orendt J
- 2720 Klassen H B @ 853-2063
- 2729 New House
- 2730 Redekop I J @
- 2731 Froese Mrs K
- 2769 Kran J @ 859-9692

OLD YALE INTERSECTS

CRESCENT WAY

- NORTH ACROSS 33483 CANNON
- 2329 Abbotsford Sr Secondary Sch 853-3367
- 2360 Nelson Miss F O @ 853-2409
- 2391 Upper FV Health Unit 859-5215
- CANNON BEGINS
- 2405 Heron E H @ 859-9381
- 2413 Easterbrook R C @ 859-5375
- 2421 Lloyd G N @ 859-5846
- 2427 Heke R W @ 859-8103
- 2435 Smith R C 859-9460
- 2441 Szalay C @ 859-9748
- 2442 Strachan R @ 853-1877
- 2449 Gilmour Mrs M @ 853-3266
- BRAUN BEGINS
- 2451 Ready G 853-1301

Crescent Way - Contd

- 2459 Williams E E 853-1382
- 2469 Iorio P @ 859-5017
- 2475 Papp Mrs R @ 859-9056
- 2483 McCallum J @ 859-5590
- 2491 Dalke R 859-7861

SWITZER INTERSECTS

CYPRUS ST

- EAST FROM 2469 MONTROSE
- 33771 Occupied

MONTVUE INTERSECTS

CYRIL ST

- NORTH FROM 2365 BECK
- 34375 Hiemstra H 859-8627
- 34339 Bell W C @ 853-2169
- 34337 Griffin R W 859-7746
- 34285 Bell Mrs A C @ 853-2572
- 34277 Jones Mrs E G F 859-9163
- 34219 Serl R R @ 859-9739
- 34213 Straiton J E R 853-2093
- 34207 Occupied
- 34205 Loewen C 853-3184
- 34201 Riedlinger A A 859-8488
- 34183 Dionne K E @ 859-8241
- 34165 Luesley H A @ 859-8329
- 34161 Rempel H B D @ 853-2542
- 34080 Surrey Co-op Feed Mill 859-5221

- 2513 Hartco Mach & Fiberglass @ 853-3731

- 2517 Occupied
- 2521 Coronation S
- 2531 Occupied
- 2541 Lindquist Mrs E 859-9006
- 2542 Surrey Co-op @ 859-5221
- 2549 Zurowski Mrs R M @ 853-1052
- 2559 Kish M 859-9379
- 2570 Hacker Press
- 2584 Credit Union (Abbotsford) 853-3317

- 2584 Fraser Valley Savings Credit Union 853-3317

ESSENDENE INTERSECTS

- 2626 Young H R 853-1912
- 2631 Croisdale Constn genl contrs 853-2635
- 2631 Croisdale E H @ 853-2635
- 2633 Csaki B @ 853-1318
- 2634 Akins T 859-8956
- 2644 Baker J @ 853-6046

HAZEL INTERSECTS

DAHL CRES

- EAST FROM 1828 McKENZIE
- 1825 Occupied
- 1829 Dahl I @ 853-1270
- 1833 Craig R G @ 853-1917

Dahl Cres - Contd

- 1839 Mungall R @ 853-3102
- 1849 Norton D F @ 859-4493
- HEATHER BEGINS
- 1857 Leech H J @ 859-7801
- 1863 Van Baalen J A @ 853-3803
- 1866 Swain W E @ 859-4416
- 1869 Verna's Beauty Salon 853-2048
- 1869 Johnston H D @ 853-2848
- 1875 Schellenberg D @ 859-8981
- 1881 Harter D C @ 859-8040

MARSHALL INTERSECTS

DAHLSTROM AV

- EAST FROM 2890 CLEARBROOK
- 32034 Neufeld Miss A @
- 32038 Vacant
- 32044 Vacant
- 32051 Stobbe B G 853-2897
- 32052 Pauls H F @ 859-5358
- 32057 Krause A @ 859-5933
- JOAN BEGINS
- 32076 Koehn J @ 853-1031
- 32088 Klein Mrs K @ 853-2833
- 32095 Klassen H I @ 859-4590
- 32110 Clearbrook Elec elec contr 859-9565
- 32110 Peleshytyk R J 859-9565
- 32112 Ecclestone J 853-6030
- 32118 Kingsma S drywall contr @ 853-3778

- 32121 Vacant
- 32132 Tiegen M 853-3043
- 32133 Plett H J @ 859-4692
- 32141 Rempel P J @ 859-5304
- 32142 Friesen Mrs A @ 859-5393
- 32149 Doerksen J @ 859-5520
- 32152 Warkentin L L 859-7804
- 32154 Froese E W
- 32161 Krahn P W @ 859-7545
- 32162 Carlson E C
- 32171 Wetsch A @ 859-5845
- TIMS CRESEnds
- 32182 Wiebe J D @ 853-2045
- 32201 1 McKay D 859-9438
- 2 Crape W A 853-2716
- 32208 Occupied
- 32221 Vacant

PARK ENDS

- 32260 Boonstra W W 853-2960
- 32261 Neufeld E 859-4124
- BOULDER BEGINS
- 32275 Thiessen B @ 853-3766
- 32286 Friesen D 853-3236
- 32307 Mierau Mrs M K @ 859-9974
- 32319 Forsythe R L -
- 32341 Letkeman H @ 859-5469
- 32342 Pauls H H @ 859-5398
- 32363 Isaac H @ 859-9290
- 32387 Hauer A H @ 859-7832

TRETHERWEY INTERSECTS

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3
JASPER ST
 NORTH FROM 32371 ROSSLAND
 2606 Timmerman R 853-3995
 2608 Friesen A J 859-7591
 2613 Taylor T R
 2613 Knelson J 853-2133
 2618 Kirschning S 859-7334
 2620 Hippisley Mrs J 859-8732
 2626 McCutcheon W D 859-4291
 2628 Gardner F I 859-7532
 2643 Epp P 853-6158

3
JOAN ST
 NORTH FROM 32067 DAHLSTROM
 2909 Hall F
 2910 Penner J G 853-3147
 2929 Folster C J 859-8778
 2930A Lawrence P O
 2930B Estok Mrs R M 853-3021
 2938 Schawer H 853-1292
 2939 Klassen J R 853-3505
 2950 Fast T A 859-7036
 2958 Janzen A 853-3592
 2961 Letkeman Mrs K 859-5178

4
JOYCE AV
 EAST FROM 2132 CLEARBROOK
 32024 Almond G S 859-7788
 32031 Loewen F C 859-8503
 32034 Fast A 853-2910
 32044 Fik Miss W 853-1458
 32055 Martens A 859-8427
 32065 Thiessen D 859-5985
 32075 Braun G A 859-7500
 32076 Baron M 859-9730
 32086 Bergen H G 859-9553
 32087 Unruh N 859-4354
 32096 Wieler N C 859-4933
 32111 Leukefeld S 859-7425
 32112 Epp W 853-3667
 32122 Swanson A D 853-3743
 32132 Rempel I G 853-3802
 SHERWOOD CRES BEGINS

6
KEATS ST
 NORTH FROM 1700 SHELLEY
 1702 Billington K
 1711 Klassen C E 853-3229
 1712 Grywinski P S
 1721 Leyen D 859-9609
 1730 Dyck F P 853-3830
 1732 Boldt W 853-3950
 1743 Quiring J bldg contr 859-8256
 HAWTHORNE INTERSECTS

11
KENT AV
 EAST FROM 2970 IMMEL
 34432 Fenton Mrs J L S 853-3474
 34433 New House

Kent Av - Contd
 34443 New House
 34448 McLean A A 853-3929
 34453 New House
 34458 Doerksen L A 859-5124
 34463 New House
 34468 Sperling D W 853-1457
 34473 New House
 34478 Killoran G A 853-1793
 34488 Ellis A 859-8265
 34498 Elsenheimer L J 859-4463
 34508 Gillberg H 859-5896
 34518 Liboiron R M 859-7434
 34538 Hildebrandt P A 853-3570
 BERKS BEGINS

8
KING CRES
 NORTH FROM 33800 BLK KING
 1625 New House
 1627 New House
 1629 Isaak W 853-1438
 1631 Wiebe J 859-8514
 1632 Occupied
 1639 Sutherland G G 859-4423
 1649 McPherson M H 859-7058
 1650 Williams J E 853-2818
 es New House
 MCKENZIE INTERSECTS

2
KING RD
 EAST FROM 1600 TOWNLINE
 ss West Abbotsford Mennonite Ch 859-8181
 31215 Janzen L H 853-1803
 31250 Bethel Bible Inst 859-5586
 31250 Poettcker J 859-8129
 31250 Schmidt G C 853-2515
 31286 Thiessen W P 853-1028
 31325 Dyck J G 859-5604
 31351 Hildebrandt Mrs A 859-8051
 31381 Neufeld J 859-9409
 31433 Dave'd Heating 853-2808
 31433 Regier D 853-2808
 31442 Buhr A 859-8121
 31453 R E G Roofers 859-4081
 31453 Davis R 859-4081
 31488 Embree R G 853-3522
 FOY BEGINS

4
 31534 Dueck C F 853-2856
 31602 Knight W J 859-5453
 31698 Reimer J P 859-8852
 31740 Suderman H V 859-9493
 31787 Nodecker P K 853-2852
 31804 Occupied
 31809 Rempel G A 859-8698
 31839 Hamm H
 31894 Occupied
 31943 Ens R C 859-8908
 CLEARBROOK BEGINS
 32030 King Mennonite Brethren Ch
 32051 Hunstad G L 859-4077

King Rd - Contd
 32096 Peters V A 859-7594
 32105 Sawatzky H 859-4205
 32146 Foth B 859-4909
 32195 Koop R 853-2862
 32204 Keeler W J 859-8804
 32220 Foth E F 853-1785
 32226 Occupied
 32236 Nickel W J 859-8847
 32267 Goetz K 853-3934
 32267 Friesen J
 32269 New House
 32345 Rez A 859-8763
 32352 Hooge G G 859-8995
 32409 Davies C J 859-5963
 32414 Kristoff A F 859-9259
 32425 Sawatzky C W 859-9924
 32460 Thompson W 853-1850
 32460 Zacharias A H 859-7854
 32483 Walter F 859-5057
 32515 Unruh O 853-3048
 32538 Block Bros Constn 859-3720
 32538 Block D J 859-5720
 32586 Bileske B 859-7400
 32623 Inside Outside Bldg Cing Servs 853-3763
 32623 Farkas S 853-3763
 32679 Lentzmann W 853-2148
 32709 Pilla J
 32716 Vandenberg R 859-5928
 32717 Thiessen B F 859-8942
 GLADWIN INTERSECTS

6
 32870 Star Kimberchiks
 32870 Sanders Poultry Farm 853-2913
 32905 Driediger H W 859-4489
 32926 Boreham J O 859-4547
 32965 Peters N 853-3489
 ns Jackson Elem Sch 859-5826
 JACKSON BEGINS
 33239 Kelly D A 853-2783
 33261 Flood Mrs A 853-2020
 33271 Sargeant W H 853-3185
 HIGHVIEW BEGINS
 33329 Occupied
 33379 Greer L N 859-9732
 33409 Mitchell R M 859-8053
 33411 Barrett Mrs D 853-1521
 FRANKLIN BEGINS
 33445 Brient J C 853-1566
 33447 Occupied
 33457 Wenman D E 859-4231
 33459 Bertrand L J 859-4734
 33477 1 Brucker A 853-1846
 2 Lamb G R 853-2403
 33481 3 Davidson M 859-7228
 33506 A F Pimbg contr 859-9529
 33506 Fussl A 859-9529
 33511 Kingma J 859-4395
 33535 Neufeld D M 859-8278
 33536 Marshall J L 859-4071
 33545 Kooy P 859-8054
 33547 Unger D 853-1688

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Mt View St - Contd

2795 Olson E 853-1882
2812 Holden Mrs I 853-3933
2871 Cook A @ 853-2576
2891 Suter Miss E M @ 859-5330
LAURNELL CRES ENDS

MT WADDINGTON AV

EAST FROM 2780 CLEARBROOK
32021 Block J J @ 859-8947
32024 Friesen Mrs A @ 859-9758
32029E Occupied
32029W Baerg C J 853-3135
32033N Derksen G G 859-7370
32033S Wall J W 859-7822
32034 Nickel R H 853-2181
32037 Woolsey J I 859-8442
32041 Janzen A A @ 859-8436
32044 Baerg Mrs J @ 859-5748
32050 Vacant
32051 Loopp J J @ 853-1868
32059 Voth J C @ 853-1889
32060 Klassen Mrs M F 859-9897
32065 Bartel D @ 853-2836
32070 Janzen T Mrs @ 859-5795
32073 Peters J W @ 859-8089
32080 Spanyor P @ 859-4570
32081 Warkentin G F @ 859-5384
32088 Kasper H @ 859-8268
32089 Quapp D J @ 859-9839
32094 Teichrob D J @ 859-8224
32097 McDonald C T @ 859-7533
32100 Enns J J @ 859-4528
32105 Quapp T @ 859-4678
32110 Koop J J @ 859-9916
32115 Martens P W @ 859-8751
32120 Unruh M K @ 859-5371
32127 Peters J W @ 853-3101
32147 Enns I @ 853-2829
32150 Prevost H @ 859-9646
32157 Schroeder P @ 853-2715
32162 Borg Mrs S 859-4254

NELSON RD

EAST FROM 2873 HORN
33090 Wakefield Mrs M V @ 853-2631
33110 Muligan D @ 853-2602
33123 Britten C M @ 859-4706
33126 Gray H L @ 859-5645
33140 Hardy N A @ 859-8688
33141 Hunt A L 853-3843
33151 Pfister E U 859-8141
33166 Royal Welcome welcome serv
859-9487
33166 Leoppy B @ 859-9487
33167 Hodges -
33179 Blom G @ 853-2984
33214 Dykstra E @ 859-7807
33223 Haveman Mrs E @ 859-9883
33228 Occupied

Nelson Rd - Contd

33233 Gahwiler R @ 859-4950
33244 Mickelow P @ 853-2777
33249 Driediger C C @ 853-2744
33252 Sandstrom A H @ 859-5820
33262 Dickie G R 859-7809
33281 Molnar L J @ 859-4591
33289 New House
33291 Gibson J R @ 859-9574
33310 Horvath Mrs P @ 859-4131
FULLER ENDS
33316 Bourquin SH 859-5068
33321 Raap T drywall contr @
859-8965
33322 Moore T L 859-5436
33338 Murphy J A @ 853-2593
33343 Vacant
33353 Stephan Mrs C 859-4509
33356 Hendricks V 853-2362
33364 Boyd Mrs L @ 859-8836
33370 Cheesworth S C 859-5883
BABICH BEGINS
33372 Ward R bldg contr @
33379 Healey F R @ 859-8088
33382 Sommergeld Mrs C @ 859-5768
33392 Klassen M 853-2101
33393 Yelnich B @ 859-4220
33406 Blinch W C @ 853-2109
33411 Grey D 853-2183
33416 Summers J @ 859-8027
33426 Gough Mrs M @ 853-1814
33431 Occupied
33436 Sawatzky J F @ 859-5609
33442 Stone Miss L E @ 859-4074
33448 Moore G 853-2941
33456 Dirksen G R 853-3448
33462 Leland F C @ 853-2732
33463 Franzen Mrs G @ 859-9122
33466 Holloway A W 853-2024
33468 Dewdney D A 853-2144
33470 Blatchford D O 853-3623
33471 Mark J @ 853-2425
33472 Haveman G
33474 Romansky R J
33476 McTaggart B G 859-7484
33481 Loewen M P @ 853-3758
33484 Anderline Mrs M
33489 Bennett Mrs O J @ 859-8489
33512 Boris M @ 853-2195
33522 Ronney L @ 859-8739
33544 Evans R H @ 859-8876
33545 Elliot Rev A L @ 859-9022
33564 Sandberg Mrs H @ 859-8049
33564 2 Friesen Mrs H 859-2592
33571 Davcy W E @ 853-1374
MT VIEW BEGINS
33598 Janzen H @ 859-4149
McCALLIM INTERSECTS

NOBLE AV

EAST FROM 2704 CLEARBROOK
32019 Schmidt D D @ 859-8245

Noble Av - Contd

32025 Warkentin R D 859-7490
32031 Heppner H H 859-7851
32039 Klassen A R C @ 853-1063

OAK AV

EAST FROM 2323 CENTRE
31816 Doerksen R H @ 853-2327
31824 Friesen A @ 853-3146
31825 Block Bros bldg contr 859-5558
31825 Block H @ 859-5558
31837 Redekop H @ 859-7084
31849 Wieler C K @ 859-8784
31860 Enns R J @
31862 Vacant
31884 Peters P J @ 859-5803
31889 Tower E
31891 Johnson H O 859-7849
ALDER INTERSECTS
31894 Wiebe E E 859-4736
31904 Hambly E C @ 859-8917
BIRCH INTERSECTS
31926 Penner P S @ 859-9419
31936 Janzen Miss N @ 853-1868
31950 Boese Reichardt & Boese
pntg contrs @ 853-1088
31950 Boese D @ 853-1088
HOLLY INTERSECTS
31966 Woelk J H 859-4979
31980 Goertzen P @ 859-4402
CLEARBROOK INTERSECTS

OLD CLAYBURN RD

EAST FROM 2867 ASH
2867 Talbot A A 859-5308
2881 McNeil E J @ 859-9789
2886 Switzer L M @ 859-8151
2918 Whiting R B 853-1245
2921 Micrau H A
2931 Braun A @ 859-8348
2945 Heppner Mrs E @ 859-9648
2979 New House
2980 Lister R S @ 859-8317
2989 Cook E @ 853-3602
2990 Evergreen Gro 859-9629
2990 Tessaro F 859-9629
IMMEL INTERSECTS
YORK BEGINS
3006 Hoover D G 853-1804
3023 Nonie's Beauty Salon 853-3981
3023 Brandes A D @ 853-3981
3033 Veldstra A 859-5018
3043 Cook R A @ 859-5921
3053 Johnstone D D @ 859-4308
3060 Margt Stenersen Elem Sch
859-4228
3063 Johnson D
3067 Occupied
3077 Wallace J E 853-3246
DORSET CRES BEGINS
3103 Munro J W @ 859-9141



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Peardonville Rd - Contd

- 32445 Wiebe I 853-3852
- 32446 Graham W @ 859-8889
- 32450 Vacant
- 32464 Rabbitt T P @ 859-8593

CASCADE ENDS

- 32514 Atsma W @ 859-4386
- 32553 Boldt D @ 853-3096

RIDEAU BEGINS

- 32584 Graham W R @ 853-2761
- 32585 Occupied
- 32606 Martens H H @ 853-2677
- 32611 Schwartz A A E @ 859-8597
- 32620 Thiessen J @ 859-8314
- 32646 Fraser Valley Constn Ltd @ 859-9031

- 32646 Enns J H @ 859-9031
- 32647 Harder G V @ 859-4340
- 32653 Dyck T @ 859-8549
- 32656 Jago E P @ 859-9847
- 32677 Dyck Mrs J @

EMERSON INTERSECTS
GLADWIN INTERSECTS

PEARL AV

11

- EAST FROM 2919 IMMEL
- 34421 Miller G 853-3409
- 34422 McIntee S H @ 853-3967
- 34423 Farrer R J 859-7381

PINE ST

7

- EAST FROM 2961 CEDAR
- 33765 Can Refractories bricks @ 859-5288

33766 Occupied
WEST RAILWAY ENDS
NOT OPENED THROUGH

GLADYS INTERSECTS

- 33860 Masonic Hall
- 33865 Neil's Carpet Installation 859-4201
- 33865 Wall N @ 859-4201
- 33871 Smith F H @ 859-9098
- 33881 Andress D M 853-6009
- 33886 Abbotsford Elem Sch 853-1408
- 33887 Paynter V C @ 859-8452
- 33897 Connor T @
- 33903 Lupuliak Mrs M @ 853-1836
- 33908 Borg B E @ 859-5647
- 33913 Holtsbaum Mrs L @ 853-1228
- 33916 Clarey F H @ 853-2439
- 33921 Mortimer S L @ 853-2756
- 33926 Pauls R D @ 859-4257
- 33927 Taylor G @
- 33934 Middleton T @ 859-7426
- 33935 Eckhardt G @ 859-4730
- 33951 Valley Vacuum Clnr & Plshr 859-8395
- 33951 Columbus W L 859-8395

Pine St - Contd

- 33952 Philip Sheffield Elem Sch 853-1938
- MAPLE BEGINS

PINEVIEW AV

- EAST FROM 2466 CLEARBROOK
- 32025 Thielmann J 859-4121
- 32032 Langeman P C @ 853-1540
- 32033 Peters K @ 859-9505
- 32035 Hastings Mrs R 853-1328
- 32040 Konrad A H @ 859-5956
- 32041 Knelsen Miss M @ 859-9886
- 32046 Penner C C @ 859-8455
- 32053 Krause D @ 853-1069
- 32056 Smith R W @ 859-5365
- 32062 Gerbrandt J H @ 859-8816
- 32063 Loeffler Mrs M @ 859-8958
- 32070 Vogt J D @ 859-4633
- 32071 Plett C
- 32078 Occupied

- 32079 MacLean W A @ 853-1037
- 32086 Dyck J P 859-5164
- 32087 Bergen Mrs J @ 859-8047
- 32094 Hildebrandt J G @ 859-9423
- 32095 Orr R A @ 859-9147
- 32104 Rempel Mrs N @ 859-4202
- 32109 Block Miss Mary @ 859-4983
- 32122 Paetkau W @ 859-7336
- 32123 Wagner W 853-1513
- 32134 Regier C I 853-1036
- 32135 Ewert P F 859-5340
- 32150 Wiebe I 853-3707
- 32151 Vogt Mrs A @ 859-4001

PARKVIEW INTERSECTS

- 32195 Howard K T @ 859-4267
 - 32203 Dyck J J @ 853-2957
 - 32204 Friesen Mrs A @ 859-8116
 - 32214 Isaac Mrs K 859-5093
 - 32217 Giesbrecht H @ 859-4739
 - 32224 Cantwell M 853-3274
 - 32225 Braun P 859-4351
 - 32235 Letkeman J H 853-2469
 - 32232 Cornies W W @ 853-3030
 - 32235 Letkeman J H @ 853-2469
 - 32243 Hintz C @ 853-2944
 - 32244 Clark F C @ 859-5705
 - 32250 Olson R C @ 859-9591
 - 32251 De Fehr F 859-8692
 - 32261 Campbell M J 859-7879
- LYNDEN INTERSECTS
- 32306 Occupied
- JAMES INTERSECTS

PLAXTON AV

5

- EAST ACROSS 2400 BLK WARE
- 33229 Yuhas G @ 859-8264
- 33241 Pollock Rev R M @ 853-2615
- 33242 Hiebert H @ 853-1528
- 33252 MacKinnon D A @ 859-8294

Plaxton Av - Contd

WARE INTERSECTS

- 33255 Buchanan J A @ 853-2393
 - 33262 Otten R G @ 859-8595
 - 33265 Rode A W 859-5333
 - 33277 Kuna D M @ 859-8381
 - 33291 Patterson B 859-7447
 - 33303 Kroeker J W @ 859-8128
- FARRANT CRES ENDS

PRATT ST

11

- NORTH FROM 33923 WALNUT
 - 2814 Peacock W H @ 859-4285
- OXFORD BEGINS
- 2827 Cundiff Mrs I 853-1439
 - 2835 Oss N @ 859-7033
- McCRIMAON INTERSECTS
- 34031 Pratt Rev Canon G E @ 853-2583
 - 34031 Potter G L 859-4573
 - 34077 Pederson L E @ 853-1589

PRIMROSE ST

6

- NORTH FROM 33020 MARSHALL
 - 2042 Schneider A @ 859-5351
 - 2043 Krause D J @ 853-2540
 - 2053 Lewis Mrs C @ 853-3276
 - 2061 Engdahl A V @ 853-3837
 - 2062 Vacant
 - 2071 Ahearn J T @ 859-7092
 - 2081 Behl E @ 859-8641
 - 2091 Lambert C C @ 853-2301
- BRUNDIGE INTERSECTS
- 2110 Rogers S J
 - 2126 Quinville R W @ 853-3172
 - 2127 Stephenson Mrs F @
 - 2136 Ross W J @ 859-9540
 - 2137 Hudson M @ 859-5515
 - 2152 McNally A I D @ 859-4906
 - 2153 Kehler C P @ 853-2647
 - 2162 Molnar K D @ 853-3691
 - 2163 Occupied
 - 2172 Martens E @ 859-8066
 - 2173 Dullaard P @ 853-3725
 - 2187 Makus O @ 859-9398
- BEVAN INTERSECTS

PRINCESS ST

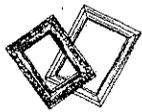
1

- NORTH FROM 31791 OLD YALE RD
- 2770 Wiens K G @ 859-8954
- 2771 Klassen J A @ 859-7251
- 2778 Kliever A @ 859-9957
- 2781 Geddert D H @ 859-4296
- 2789 Barkman D J @ 859-9895
- 2796 Unruh D 859-7382
- 2797 Epp A @ 859-5970
- 2806 Peters D J @ 859-4284
- 2807 Pankratz J @ 859-5568
- 2814 Occupied
- 2815 Collins B A @ 853-2443
- 2823 Espenberg Mrs A @ 859-8631
- 2824 Unruh H @ 853-3279

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Stanley St - Contd

- 2498 Peters P E @ 859-8163
- 2510 Petkau P D @ 853-3945
- 2511 Penner C J @ 859-4389
- 2534 Occupied
- 2537 Semyroz D 853-6108
- 2543 Remple P D 859-4101
- 2546 Kiss G S @ 853-3163
- 2559 Reimer Mrs E @ 859-4037
- 2560 Krahn W @ 853-1644
- 2575 Colorado Mrs S W @ 859-9227
- 2576 Cohn Mrs A @ 859-5724

STEVENSON ST

NORTH ACROSS 33186 BRUNDIGE

- 2064 Vacant
- 2067 Vacant
- 2076 Society Homes bldg contrs
853-2051

2076 Janzen J G @ 853-2051
BRUNDIGE INTERSECTS

- 2128 Palfy S @ 859-5866
- 2136 Abernathy B L
- 2139 Maisonneuve C A J @ 853-3869

SUGAR PINE ST

NORTH FROM 32445 PEARDONVILLE

- 2444 Hutchinson C N @ 859-9707
- 2451 New House
- 2454 MacLure L S @ 859-7437
- MAGNOLIA CRES BEGINS
- 2457 New House
- 2461 New House
- 2467 New House
- 2471 New House
- 2495 New House

SUNNYSIDE ST

NORTH TO 31605 OLD YALE RD

- 2681 Occupied
- 2693 Airth R @ 859-4608
- 2704 Klassen J J @ 859-5104
- 2717 Occupied
- 2724 Schellenberg G G @ 859-5166
- 2727 Martens A H @ 859-4436
- 2738 Wiebe J P @ 859-5989
- 2741 Attenmueller Mrs H @ 859-4791
- 2754 Wiens N H @ 859-9713
- 2754 Woodridge Devel bldg contr
859-9713

- 2755 Rempel D A @ 859-9794
 - 2766 Braun J D @ 859-9295
 - 2767 Baker J @ 853-2344
 - 2772 Klassen H @ 859-9403
 - 2783 Friesen J I @ 859-8147
- OLD YALE INTERSECTS

SUNRISE CRES

WEST FROM 2486 CLEARBROOK

- 31944 Tabor Home Soc rest home
859-8715

Sunrise Cres - Contd

- 31952 Friesen A J @ 859-9308
 - 31955 Van der Hoek E 859-5474
 - 31960 Siemens P P @ 859-5098
 - 31962 Loewen Mrs A @ 859-5880
 - 31963 Loewen H A P 859-8176
 - 31970 Driedger Miss H 859-9225
 - 31971 Hamm P P @ 859-9471
 - 31972 Campbell M C 853-1281
 - 31973 Peters Mrs M @ 859-5112
- CLEARBROOK INTERSECTS

SWANSEA AV

EAST TO 2050 SANDALWOOD CRES

- 33256 Jack E @ 859-4572
 - 33257 Featherstone R @ 859-8675
 - 33267 Manky L @ 859-4794
 - 33268 Graff A L @ 859-4337
 - 33277 Dekker C @ 853-3544
- SANDALWOOD CRES INTERSECTS

SWITZER AV

EAST ACROSS 2491 CRESCENT WAY

- 33496 Bruckal T A @ 859-5472
 - CRESCENT WAY ENDS
 - 33505 Smith J O @ 859-4512
 - 33514 Piltz Mrs E @ 859-9123
 - 33515 Blenkinsop B 853-3260
 - 33526 Rosborough F S @ 853-3779
 - 33533 Markin F J 859-7546
 - 33535 Kizmann W
 - 33538 Hawthorne R H @ 859-9283
 - 33549 Switzer M C @ 859-8497
 - 33554 I de Valois C 853-1202
 - 2 England N E 859-5425
 - 3 Hall Mrs M J 859-5959
 - 4 Griffiths Mrs E 853-2418
 - 5 Kewin Mrs D 859-4630
 - 6 Vacant
 - 7 Peters A 853-3823
 - 8 Poignant Mrs H 859-9791
 - 9 Fraser Mrs E M 853-1766
 - 10 Ward Mrs M E 853-2962
 - 11 Kendal Mrs -
- McCALLUM INTERSECTS

TAYLOR WAY

NORTH FROM 33860 VICTORY BLVD

- 2246 Daeck P G @ 859-4447

TESSARO CRES

NORTH THEN EAST FROM 33407 OLD

- YALE RD
- 2682 MacDonald G @ 853-3972
- 2683 Wiebe H L @ 853-2670
- 2691 Levasseur Mrs D @ 859-9424
- 2699 Fabas H J 853-3569
- 33403 Greif P @ 859-8516
- 33409 Frost N P 859-9310
- 33415 Guenter Miss A @ 853-3287

THOMAS DR

NORTH FROM 34400 KING J

- es New House
- 2506 Jones C L

TIMS CRES

EAST THEN NORTH FROM 2860
CLEARBROOK

- 32022 Martindale E @ 853-2536
 - 32028 Friesen Mrs A @ 859-5337
 - 32036 Peterson I @
 - 32043 Bergen J M @ 859-5331
 - 32044 Hiebert C H @ 859-9898
 - 32052 Raabe W @ 859-8073
 - 32059 Sawatzky I G @ 859-8439
 - ALICE ENDS
 - 32066 Fehr J @ 859-5036
 - 32075 Isaak Mrs S @ 859-9169
 - 32082 Abbas G @ 853-3486
 - 32089 Goertzen I G @ 859-8934
 - 32094 Langille I M @ 859-9313
 - 32096 Grant W @ 859-7593
 - 32108 Olbert A @ 859-4575
 - 32120 Kaszonyi T @ 859-8677
 - 32134 Wiebe H J @ 859-9890
 - 32143 Rahn H dry wall contr 859-7272
 - 32145 Van Steenis H G 859-7023
 - 32154 New House
 - 32162 Klassen F H 853-3654
 - 32176 Vacant
 - 32181 Wiens C @ 853-3054
 - 32194 Bay A @ 859-9641
 - 2846 Schapansky C @ 853-1727
 - 2856 Hildebrandt P G @ 859-5338
 - 2860 Heinrichs P W 859-9523
- DAHLSTROM INTERSECTS

TOWNLINE RD

NORTH FROM 31200 KING

- 1727 Martens A W 853-3963
- 1727 Wiebe A D
- 1777 Froese E @ 859-5575
- 1780 New House
- 1795 Penner Mrs K @ 859-5005
- 1821 Redekop P P @ 859-5450
- 1840 Bischoff A @ 859-4991
- 1855 Fast N P @ 859-9484
- 1895 Heppner J L @ 859-8761
- 1912 Marcotte M 859-9357
- 1913 Vacant
- 1930 Leo F D @ 859-9653
- 1939 Brandt J L @ 859-9090
- 1963 De Winter H B decrtr 853-3537
- 1990 Vacant
- 1993 Sawatzky F @ 859-4058
- 2015 Occupied
- 2034 Janzen B @ 853-2345
- 2035 Peters J H @ 853-2529
- 2055 Regier A W @ 859-9404
- 2069 Isaak A @ 853-2886

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PHONE 853-1361

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Abbotsford

Victory Blvd - Contd

- 33863 Kehler J H @ 859-4922
- 33866 Hagen A M @ 859-9702
- 33873 Buhler J @ 859-9522
- TAYLOR WAY BEGINS
- 33876 Bukowski E @ 859-8119
- 33886 MacDougall Mrs J W @ 859-9410
- 33897 Smith P P E @ 859-5901
- 33898 Johnson Mrs B @ 853-3952
- 33906 Kissock P @ 853-2423
- 33911 Hrussoocz V @ 853-2495
- 33916 Deas A M @ 859-9910
- 33919 Boulton J H @ 853-1248
- 33927 Csuti L J @ 859-5649
- 33934 Raglan E A @ 853-2578
- GRANT ENDS
- 33937 Ciccone V G @ 859-4082
- 33947 Dodd H F @ 853-1337
- 33954 Caul L L @ 859-4215
- 33959 Newby W C @ 859-9695
- 33969 Pongracz F @ 859-5372
- 33970 Buchanan R
- 33977 Kleininger J @ 859-5004
- McKENZIE INTERSECTS

VINEWOOD ST

- NORTH FROM 33245 MARSHALL
- 2018 Balliet P A 859-5634
- 2021 Sandstrom H V @ 853-1739
- 2029 Gee F
- 2030 Occupied
- 2040 Day P J @ 853-2651
- 2051 Brogaard Mrs I @ 859-4366
- 2052 Warkentine Mrs M @ 859-9603
- 2061 Vacant
- 2062 Cochrane G F @ 859-5717
- 2071 Hoock O 859-9026
- 2072 Sabo J @ 859-5765
- 2079 Hada J @ 859-5065
- 2082 Yanko S P @ 853-1359
- 2085 Brown E I @ 853-2092
- MAYFAIR BEGINS
- 2108 Carson J S @ 853-2180
- 2109 Fall Norman R 859-8863
- 2121 Lusty A A @ 853-2587
- 2131 Occupied
- 2141 Enns Mrs E @ 859-8971
- 2143 Timar J @ 859-4014
- 2148 Smorenburg W @ 859-4445
- 2153 Renner D L @ 859-4226
- 2158 Heitzmann J @ 859-9154
- 2170 1 Grant Mrs M 853-6040
- 2 Occupied
- 3 Occupied
- 4 Oostenbrug Mrs T
- 2182 Collins F
- 2185 Johansen J P @ 853-2990
- 2190 5 Clark M A
- 2192 6 Sigfusson Mrs S M
- WARE INTERSECTS

WALKER CRES

- SOUTH FROM 34600 BLK MARSHALL
- 34668 Van Tilborg R 859-4239
- 34670 Straiton R D @ 859-8331
- SKYLARK BEGINS
- 34691 Siebold C H @ 859-8217
- 34694 James N V D @
- 34709 Paul J D @ 853-2385
- 34729 Funk M C @ 853-2774
- 34734 Walker H C 859-8982
- 34746 Gibbard E H @ 859-9252
- 34752 Klippenstein H @ 859-9639
- MARSHALL INTERSECTS

WALNUT ST

- EAST FROM 2722 GLADYS
- ABBOTSFORD MISSION HWAY
- BEGINS
- 33887 Jantz H W 859-4761
- McCRIMMON BEGINS
- 33902 Berry W J @ 859-5363
- 33904 Froese Miss R M 859-8300
- 33907 Van Dorp H C @ 859-5629
- 33919 Allinott A J @ 859-5557
- 33923 Occupied
- 33945 Fast K J @ 853-1440
- MAPLE INTERSECTS
- 33986 Sollied R M @ 859-9086
- 33988 Domke Mrs E M @ 859-5050
- 33993 Kasper W H @ 853-3200
- PRATT AND CAMBRIDGE BEGINS
- 34115 Bukowski Mrs L 859-4956
- WOODLAND BEGINS
- 34161 Chausse W H @ 859-4093
- 34171 Klew K @ 859-5776
- 34181 Kvist H A @ 859-9402
- ASH INTERSECTS
- GREEN BEGINS

WALSH AV

- EAST FROM 2593 WARE
- 33236 Gough & Co Ltd elec equip
- 859-9804
- 33241 Home Oil Distrib 853-2177
- ALLIANCE INTERSECTS

WARE ST

- NORTH FROM 33218 MARSHALL
- 2010 Kroeker J F @ 859-8943
- 2020 Grant W L 859-4256
- 2030 Klassen G H @ 859-9173
- 2039 Peace Lutheran Ch 859-5409
- 2040 Blue M @ 853-1530
- 2047 Doering Rev F 859-5409
- 2050 Bos R W 853-3608
- 2062 Occupied
- 2065 Vacant
- 2067 Buller H 853-1746
- 2070 Freund G @ 859-5695
- 2075 Walter R bldg contr @ 859-4762

Ware St - Contd

- 2077 Vacant
- 2078 Vacant
- 2082 Occupied
- 2090 Rasmussen W @ 859-9088
- 2096 Occupied
- BRUNDIGE ENDS
- 2113 Myers C W @ 853-2368
- 2127 Sousedik F 859-8088
- 2129 Mayer W W 859-7281
- 2130 Szabo W @ 859-9927
- 2141 Morrison T R @ bldg contr
- 859-9073
- 2142 Occupied
- 2152 Occupied
- VINEWOOD ENDS
- 2184 Brown C J 853-2149
- 2191 Godson A S
- BEVAN ENDS
- 2221 Bev-Way Grocery 859-5573
- 2221 Blackman H A @ 859-5573
- 2222 Abbotsford Jr Secondary Sch
- 859-7125
- 2223 Occupied
- 2235 Occupied
- 2243 Occupied
- 2255 Fleming J 859-8159
- 2258 Hein W E @ 859-9761
- 2294 Ferguson Mrs E M 859-9661
- 2296 Benedict D H 859-7297
- ALTA CRES BEGINS
- 2306 Friesen P E @ 859-5407
- 2313 Des Mazes Mrs J @ 853-1763
- 2322 Templeton E B @ 859-8306
- 2339 Mahoney J A 859-7255
- 2356 Richardson J B @ 853-3857
- FARRANT CRES BEGINS
- 2365 Reed D M @ 853-2779
- 2365 Nokleby B O 853-3162
- 2370 Supernal Homes bldg contrs
- 853-1953
- 2370 Funk H D @ 853-1953
- 2377 Pawlovich Dr J P @ 853-3122
- 2385 Crocker P B @ 853-1315
- 2387 Kariton W N @ 859-8461
- 2394 Butchart J F @ 859-8243
- RAVINE BEGINS
- 2414 Krahn Dr J J @ 859-4707
- 2423 Occupied
- 2425 Terlingen Dr H A 859-4647
- 2425 Wattie Miss M 853-1947
- 2440 Neal L C @ 859-8944
- PLAXTON CRES INTERSECTS
- 2445 Lakeside Ter apts 859-7525
- 101 Stirn J F 859-7086
- 102 McRae M D 859-7574
- 103 Osborne P J 853-2637
- 104 Spence P R 853-1239
- 201 Deyo Dr A W 853-2072
- 202 Alp J E 859-5785
- 203 Gaetz M L 859-9824

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APPENDIX IV

MWLAP GROUNDWATER DATABASE SEARCH

Farm 1

**Groundwater Database System
Water Well Data by BCGS Number****Information Disclaimer**

The Province disclaims all responsibility for the accuracy of information provided. Information provided should not be used as a basis for making financial or any other commitments.

BCGS 092H022134 # 20

WTN 000000021406 AGRICULTURE CANADA St. 6947 LOUGHEED HIGHWAY Area AGASSIZ Land Dist. 59 Dist. Lot 36 Plan Lot Twp. Sect. Range IR Mer. Block Qtr. Island Const. Date 19680415 DRI Depth 144.0 ft. Dia. 8.0 in. 180 GPM 0

BCGS 092H022134 # 1

WTN 000000025569 BILL WALLACE St. HEATH RD Area AGASSIZ Land Dist. 59 Dist. Lot Plan Lot Twp. Sect. Range IR Mer. Block Qtr. Island Const. Date 19711018 DRI Depth 36.0 ft. Dia. 0.0 in. 20 GPM

BCGS 092H022134 # 2

WTN 000000035759 DIST OF KENT St. CHEAM AVE Area AGASSIZ Land Dist. 59 Dist. Lot Plan Lot Twp. 3 Sect. 30 Range IR Mer. Block Qtr. Island Const. Date 19760930 DRI Depth 42.0 ft. Dia. 6.0 in. 100 GPM

BCGS 092H022134 # 3

* WTN 000000035856 DIST OF KENT St. HIGH SCHOOL Area AGASSIZ Land Dist. 59 Dist. Lot Plan Lot Twp. 3 Sect. 30 Range IR Mer. Block Qtr. Island Const. Date 19761004 DRI Depth 38.0 ft. Dia. 6.0 in. 100 GPM

BCGS 092H022134 # 4

* WTN 000000032393 DIST. OF KENT St. ROBERT ROAD Area AGASSIZ Land Dist. 59 Dist. Lot Plan Lot Twp. 3 Sect. 30 Range IR Mer. Block Qtr. Island Const. Date 19750501 DRI Depth 38.0 ft. Dia. 6.0 in. 100 GPM

BCGS 092H022134 # 5

WTN 000000032439 DIST. OF KENT St. CEDAR PLACE & MORRIN RD Area AGASSIZ Land Dist. 59 Dist. Lot Plan Lot Twp. 3 Sect. 30 Range IR Mer. Block Qtr. Island Const. Date 19750502 DRI Depth 39.0 ft. Dia. 6.0 in. 100 GPM

BCGS 092H022134 # 7

WTN 000000029034 KENT DIST.MUNICIPAL. St. HEATH & PIONEER RDS Area AGASSIZ Land Dist. 59 Dist. Lot Plan 38419 Lot 47 Twp. 3 Sect. 30 Range 28 IR Mer. Block Qtr. Island Const. Date 19731011 DRI Depth 35.0 ft. Dia. 6.0 in. 0

BCGS 092H022134 # 8

WTN 000000031806 HEATHCOURT TRAILER P St. HEATH ROAD Area AGASSIZ Land Dist. 59 Dist. Lot Plan Lot Twp. 3 Sect. 30 Range 28 IR Mer. Block Qtr. Island Const. Date 19750101 UNK Depth 57.0 ft. Dia. 6.0 in. 75 GPM

BCGS 092H022134 # 9

* WTN 000000036086 MORROWS TRUCKING & R St. LOGAN SUBDIVISION Area AGASSIZ Land Dist. 59 Dist. Lot Plan Lot Twp. Sect. Range IR Mer. Block Qtr. Island Const. Date 19761130 DRI Depth 62.0 ft. Dia. 6.0 in. 150 GPM

BCGS 092H022134 # 10

WTN 000000044282 CORP DIST OF KENT St. MCCAFFERY & 7 HWY Area Land Dist. 59 Dist. Lot Plan Lot Twp. Sect. Range IR Mer. Block Qtr. Island Const. Date 19800108 DRI Depth 44.0 ft. Dia. 0.0 in. 0

BCGS 092H022134 # 19

WTN 000000021407 AGRICULTURE CANADA St. 6947 LOUGHEED HIGHWAY Area AGASSIZ Land Dist. 59 Dist. Lot 36 Plan Lot Twp. Sect. Range IR Mer. Block Qtr. Island Const. Date 19680415 DRI Depth 143.0 ft. Dia. 8.0 in. 260 GPM 0

BCGS 092H022134 # 11

WTN 000000035760 DIST OF KENT St. EVERGREEN ST. Area AGASSIZ Land Dist. 59 Dist. Lot Plan Lot Twp. 3 Sect. 30 Range IR Mer. Block Qtr. Island Const. Date 19760930 DRI Depth 64.0 ft. Dia. 6.0 in. 0 0

BCGS 092H022134 # 13

WTN 000000032444 TEN PEAK HOLDINGS LT St. AGASSIZ AVE.& MEADOW DR. Area AGASSIZ Land Dist. 59 Dist. Lot Plan Lot Twp. 3 Sect. 24 Range IR Mer. Block Qtr. Island Const. Date 19750505 DRI Depth 38.0 ft. Dia. 6.0 in. 100 GPM

BCGS 092H022134 # 14

WTN 000000039571 EDGAR POH & SON LTD St. CHEAM ST Area AGASSIZ Land Dist. 59 Dist. Lot Plan 5512 Lot 8 Twp. Sect. Range IR Mer. Block Qtr. Island Const. Date 19780425 DRI Depth 50.0 ft. Dia. 6.0 in. 8 GPM

BCGS 092H022134 # 17

WTN 000000053284 DISTRICT OF KENT St. PIONEER AVE Area AGASSIZ Land Dist. 59 Dist. Lot Plan 9868 Lot H Twp. Sect. Range IR Mer. Block Qtr. Island Const. Date 19840131 UNK Depth 60.0 ft. Dia. 6.0 in. 300 GPM

BCGS 092H022134 # 18

WTN 000000038547 SEZAR CONST LTD St. 1783 HWY 9 Area AGASSIZ Land Dist. 59 Dist. Lot 19 Plan 3953 Lot 1 Twp. Sect. Range IR Mer. Block Qtr. Island Const. Date 19771108 DRI Depth 64.0 ft. Dia. 8.0 in. 300 GPM

BCGS 092H022134 # 12

WTN 000000035011 MISSION IMPOSSIBLE H St. Area AGASSIZ Land Dist. 59 Dist. Lot 19 Plan 3953 Lot 1 Twp. Sect. Range IR Mer. Block Qtr. Island Const. Date 19760610 DRI Depth 62.0 ft. Dia. 8.0 in. 300 GPM

BCGS 092H022134 # 15

WTN 000000038658 FRASER VALLEY SAVING St. HEATH RD & HWY 9 Area AGASSIZ Land Dist. 59 Dist. Lot 19 Plan 4814 Lot 4 Twp. Sect. Range IR Mer. Block 4 Qtr. Island Const. Date 19771206 DRI Depth 40.0 ft. Dia. 6.0 in. 0

BCGS 092H022134 # 16

WTN 000000034430 EAGLE INSTALLATIONS St. 1884 HEATH RD Area AGASSIZ Land Dist. 59 Dist. Lot Plan SK6244 Lot A Twp. Sect. Range IR Mer. Block Qtr. Island Const. Date 19760308 DRI Depth 42.0 ft. Dia. 8.0 in. 20 GPM

BCGS 092H022134 # 21

WTN 000000075267 AGRICULTURE CANADA St. 6947 LOUGHEED HIGHWAY Area AGASSIZ Land Dist. 59 Dist. Lot 19 Plan Lot Twp. Sect. Range IR Mer. Block Qtr. Island Const. Date 19880501 DRI Depth 213.0 ft. Dia. 10.0 in. 90 GPM 0

BCGS 092H022134 # 22

WTN 000000075268 AGRICULTURE CANADA St. 6947 LOUGHEED HIGHWAY Area AGASSIZ Land Dist. 59 Dist. Lot 19 Plan Lot Twp. Sect. Range IR Mer. Block Qtr. Island Const. Date 19980801 DRI Depth 205.0 ft. Dia. 10.0 in. 200 GPM 0

BCGS 092H022134 # 23

WTN 000000078687 CANADA POST CORP. St. 7048 PIONEER AVENUE Area AGGASSIZ Land Dist. 59 Dist. Lot 19 Plan 32634 Lot 33 Twp. Sect. Range IR Mer. Block Qtr. Island Const. Date 19920101 DRI Depth 43 ft. Dia. 4 in. 0 0

BCGS 092H022134 # 24

WTN 000000078688 DISTRICT OF KENT St. 7170 CHEAM AVENUE Area AGGASSIZ Land Dist. 59 Dist. Lot 19 Plan 55814 Lot 213 Twp. Sect. Range IR Mer. Block Qtr. Island Const. Date 19940101 DRI Depth 70 ft. Dia. 6 in. 0 0

BCGS 092H022134 # 25

WTN 000000078689 DISTRICT OF KENT St. 7170 CHEAM AVENUE Area AGGASSIZ Land Dist. 59 Dist. Lot 19 Plan 55814 Lot 213 Twp. Sect. Range IR Mer. Block Qtr. Island Const. Date 19520101

DRI Depth ft. Dia. in. 0 0

BCGS 092H022134 # 26

WTN 000000078690 HEATH COURT TRAILER St. 21 - 1884 HEATH ROAD Area AGGASSIZ
Land Dist. 59 Dist. Lot 49 Plan 1130A Lot W Twp. Sect. Range IR Mer. Block Qtr. Island Const. Date
19710101 DRI Depth 40 ft. Dia. 2 in. 0 0 25 rows selected.

Farm 1

**Groundwater Database System
Water Well Data by BCGS Number****Information Disclaimer**

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BCGS 092H022312 # 1

WTN 000000044764 WALTER HATT St. MCCRAE RD Area AGGASIZ Land Dist. 37 Dist. Lot Plan Lot Twp. Sect. Range IR Mer. Block Qtr. Island Const. Date 19800411 UNK Depth 17.0 ft. Dia. 0.0 in. 15 GPM

BCGS 092H022312 # 2

WTN 000000044762 WALTER HATT St. MCCRAE RD Area AGGASIZ Land Dist. 37 Dist. Lot Plan Lot Twp. Sect. Range IR Mer. Block Qtr. Island Const. Date 19800411 DRI Depth 18.0 ft. Dia. 0.0 in. 0

BCGS 092H022312 # 3

WTN 000000044763 WALTER HATT St. MCCRAE RD Area AGGASIZ Land Dist. 37 Dist. Lot Plan Lot Twp. Sect. Range IR Mer. Block Qtr. Island Const. Date 19800411 DRI Depth 20.0 ft. Dia. 0.0 in. 0

Farm 2

**Groundwater Database System
Water Well Data by BCGS Number****Information Disclaimer**

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BCGS 092H022323 # 1

WTN 000000000851 JAMES SEYMOUR St. SEABIRD ISLAND RD Area AGASSIZ Land Dist. 59
Dist. Lot Plan Lot 45 Twp. Sect. Range IR Mer. Block Qtr. Island Const. Date DRI Depth 40.0 ft. Dia.
6.0 in. 20 GPM

Walmstey Ave.

**Groundwater Database System
Water Well Data by BCGS Number****Information Disclaimer**

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BCGS 092G009123 # 1

✓ WTN 000000010816 J W PETERS St. HUNTINGDON RD. Area Land Dist. 37 Dist. Lot Plan Lot Twp. 16 Sect. 5 Range IR Mer. Block Qtr. NW Island Const. Date 19500101 DUG Depth 60.0 ft. Dia. 36.0 in. 0

BCGS 092G009123 # 2

✓ WTN 000000010558 J REIMER St. HUNTINGDON RD. Area Land Dist. 37 Dist. Lot Plan Lot Twp. 16 Sect. 8 Range IR Mer. Block Qtr. SW Island Const. Date 19500101 DUG Depth 64.0 ft. Dia. 36.0 in. 0

BCGS 092G009123 # 3

WTN 000000010613 J BUICK St. HUNTINGDON RD. Area Land Dist. 37 Dist. Lot Plan Lot Twp. 16 Sect. 7 Range IR Mer. Block Qtr. SW Island Const. Date 19500101 DUG Depth 31.0 ft. Dia. 0.0 in. 0

BCGS 092G009123 # 4

✓ WTN 000000010692 G G FALK St. CLEARBROOK RD. Area Land Dist. 37 Dist. Lot Plan Lot Twp. 16 Sect. 5 Range IR Mer. Block Qtr. NW Island Const. Date 19500101 DUG Depth 60.0 ft. Dia. 0.0 in. 0

BCGS 092G009123 # 5

✓ WTN 000000010316 B D FALK St. HUNTINGDON RD. Area Land Dist. 37 Dist. Lot Plan Lot Twp. 16 Sect. 6 Range IR Mer. Block Qtr. NE Island Const. Date 19500101 DUG Depth 55.0 ft. Dia. 0.0 in. 0

BCGS 092G009123 # 6

✓ WTN 000000010821 H B FALK St. HUNTINGDON RD. Area Land Dist. 37 Dist. Lot Plan Lot Twp. 16 Sect. 8 Range IR Mer. Block Qtr. SW Island Const. Date 19500101 DUG Depth 75.0 ft. Dia. 36.0 in. 0

BCGS 092G009123 # 7

✓ WTN 000000010890 H J WILLIAMS St. HUNTINGDON RD. Area Land Dist. 37 Dist. Lot Plan Lot Twp. 16 Sect. 7 Range IR Mer. Block Qtr. SW Island Const. Date 19500101 DUG Depth 35.0 ft. Dia. 40.0 in. 0

BCGS 092G009123 # 8

WTN 000000010458 H H FALK St. HUNTINGDON RD. Area Land Dist. 37 Dist. Lot Plan Lot Twp.
16 Sect. 8 Range IR Mer. Block Qtr. SW Island Const. Date 19500101 DUG Depth 100.0 ft. Dia. 0.0 in.
0

BCGS 092G009123 # 9

WTN 000000010453 H REIMER St. HUNTINGDON RD. Area Land Dist. 37 Dist. Lot Plan Lot Twp.
16 Sect. 6 Range IR Mer. Block Qtr. NW Island Const. Date 19500101 DUG Depth 45.0 ft. Dia. 0.0 in.
0

BCGS 092G009123 # 11

WTN 000000010464 J H LOWEN St. HUNTINGDON RD. Area Land Dist. 37 Dist. Lot Plan Lot Twp.
16 Sect. 6 Range IR Mer. Block Qtr. NE Island Const. Date 19500101 DUG Depth 45.0 ft. Dia. 0.0 in. 0

BCGS 092G009123 # 12

WTN 000000010257 C E CUNDIFF St. HUNTINGDON RD. Area Land Dist. 37 Dist. Lot Plan Lot
Twp. 16 Sect. 7 Range IR Mer. Block Qtr. SE Island Const. Date 19500101 DUG Depth 62.0 ft. Dia.
36.0 in. 0

BCGS 092G009123 # 13

WTN 000000010524 P RATZLOFF St. HUNTINGDON RD. Area Land Dist. 37 Dist. Lot Plan Lot
Twp. 16 Sect. 6 Range IR Mer. Block Qtr. NE Island Const. Date 19500101 DUG Depth 43.0 ft. Dia.
30.0 in. 0

BCGS 092G009123 # 14

WTN 000000010277 SIEMANS St. HUNTINGDON RD. Area Land Dist. 37 Dist. Lot Plan Lot Twp.
16 Sect. 5 Range IR Mer. Block Qtr. NW Island Const. Date 19500101 DUG Depth 67.0 ft. Dia. 36.0 in.
0

BCGS 092G009123 # 15

WTN 000000010463 G T REMPLE St. Area Land Dist. 37 Dist. Lot Plan Lot Twp. 16 Sect. 7 Range IR
Mer. Block Qtr. SE Island Const. Date 19500101 DUG Depth 66.0 ft. Dia. 36.0 in. 0

BCGS 092G009123 # 16

WTN 000000014246 A REIMER St. HUNTINGDON RD. Area Land Dist. 37 Dist. Lot Plan Lot Twp.
16 Sect. 5 Range IR Mer. Block Qtr. NW Island Const. Date 19540101 DRI Depth 80.0 ft. Dia. 5.0 in. 0

BCGS 092G009123 # 17

WTN 000000010409 C EMNS St. Area Land Dist. 37 Dist. Lot Plan Lot Twp. 16 Sect. 7 Range IR Mer.
Block Qtr. SE Island Const. Date 19500101 DUG Depth 65.0 ft. Dia. 0.0 in. 0

BCGS 092G009123 # 18

✓ WTN 000000014243 R J LAXTON St. 31580 HUNTINGDON RD. Area Land Dist. 37 Dist. Lot Plan 11387 Lot 11 Twp. 16 Sect. 6 Range IR Mer. Block Qtr. NW Island Const. Date 19540101 DRI Depth 36.0 ft. Dia. 6.0 in. 0

BCGS 092G009123 # 19

✓ WTN 000000010610 J TALOUS St. HUNTINGDON RD. Area Land Dist. 37 Dist. Lot Plan Lot Twp. 16 Sect. 5 Range IR Mer. Block Qtr. NW Island Const. Date 19500101 DUG Depth 85.0 ft. Dia. 0.0 in. 0

BCGS 092G009123 # 20

✓ WTN 000000010819 C J KLARESEN St. CLEARBROOK RD. Area Land Dist. 37 Dist. Lot Plan Lot Twp. 16 Sect. 8 Range IR Mer. Block Qtr. SW Island Const. Date 19500101 DUG Depth 57.0 ft. Dia. 36.0 in. 0

BCGS 092G009123 # 21

WTN 000000010699 P F FRANK St. Area Land Dist. 37 Dist. Lot Plan Lot Twp. 16 Sect. 7 Range IR Mer. Block Qtr. SE Island Const. Date 19500101 DUG Depth 40.0 ft. Dia. 36.0 in. 0

BCGS 092G009123 # 22

✓ WTN 000000014250 J J WABBE St. CLEARBROOK RD. Area Land Dist. 37 Dist. Lot Plan Lot Twp. 16 Sect. 8 Range IR Mer. Block Qtr. SW Island Const. Date 19540101 DRI Depth 85.0 ft. Dia. 5.0 in. 0

BCGS 092G009123 # 23

✓ WTN 000000010224 A CORNIES St. WALMSLEY AVE. Area Land Dist. 37 Dist. Lot Plan Lot Twp. 16 Sect. 7 Range IR Mer. Block Qtr. SE Island Const. Date 19500101 DUG Depth 35.0 ft. Dia. 36.0 in. 0

BCGS 092G009123 # 24

✓ WTN 000000010362 J H WILLIAMS St. WALMSLEY AVE. Area Land Dist. 37 Dist. Lot Plan Lot Twp. 16 Sect. 7 Range IR Mer. Block Qtr. SE Island Const. Date 19500101 DUG Depth 40.0 ft. Dia. 36.0 in. 0

BCGS 092G009123 # 25

WTN 000000010597 D NICKEL St. Area Land Dist. 37 Dist. Lot Plan Lot Twp. 16 Sect. 5 Range IR Mer. Block Qtr. NW Island Const. Date 19500101 DUG Depth 82.0 ft. Dia. 36.0 in. 0

BCGS 092G009123 # 26

WTN 000000010462 W NEWFELD St. Area Land Dist. 37 Dist. Lot Plan Lot Twp. 16 Sect. 7 Range IR Mer. Block Qtr. SE Island Const. Date 19500101 DUG Depth 34.0 ft. Dia. 0.0 in. 0

BCGS 092G009123 # 27

WTN 000000010818 P FLEMING St. Area Land Dist. 37 Dist. Lot Plan Lot Twp. 16 Sect. 7 Range IR Mer. Block Qtr. NE Island Const. Date 19500101 DUG Depth 36.0 ft. Dia. 36.0 in. 0

BCGS 092G009123 # 28

WTN 000000010828 J KLEMINGS St. Area Land Dist. 37 Dist. Lot Plan Lot Twp. 16 Sect. 8 Range IR Mer. Block Qtr. NW Island Const. Date 19500101 DUG Depth 46.0 ft. Dia. 36.0 in. 0

BCGS 092G009123 # 29

WTN 000000010728 J IVERS St. Area Land Dist. 37 Dist. Lot Plan Lot Twp. 16 Sect. 7 Range IR Mer. Block Qtr. NW Island Const. Date 19500101 DUG Depth 30.0 ft. Dia. 36.0 in. 0

BCGS 092G009123 # 30

WTN 000000010381 J M LOEWEN St. Area Land Dist. 37 Dist. Lot Plan Lot Twp. 16 Sect. 7 Range IR Mer. Block Qtr. NW Island Const. Date 19500101 DUG Depth 30.0 ft. Dia. 30.0 in. 0

BCGS 092G009123 # 31

WTN 000000030263 WALTER JANZEN St. 31730 HUNTINGDON RD. Area ABBOTSFORD Land Dist. 37 Dist. Lot Plan 7813 Lot 2 Twp. 16 Sect. 6 Range IR Mer. Block Qtr. NE Island Const. Date 19740502 DRI Depth 63.0 ft. Dia. 8.0 in. 0

BCGS 092G009123 # 32

WTN 000000030047 WILLIAM LESCHIED St. 703 CLEARBROOK RD. Area Land Dist. 37 Dist. Lot Plan 7813 Lot 6 Twp. 16 Sect. 6 Range IR Mer. Block Qtr. NE Island Const. Date 19740401 UNK Depth 64.0 ft. Dia. 6.0 in. 16 GPM

BCGS 092G009123 # 33

WTN 000000038447 A HOPP St. 579 CLEARBROOK RD. Area ABBOTSFORD Land Dist. 37 Dist. Lot Plan 29371 Lot Twp. 16 Sect. 6 Range IR Mer. Block Qtr. Island Const. Date 19771026 DRI Depth 96.0 ft. Dia. 6.0 in. 20 GPM

BCGS 092G009123 # 34

WTN 000000038435 H P REIMER St. 31964 HUNTINGDON RD. Area ABBOTSFORD Land Dist. 37 Dist. Lot Plan 29371 Lot 10 Twp. 16 Sect. 6 Range IR Mer. Block Qtr. NE Island Const. Date 19771024 DRI Depth 87.0 ft. Dia. 6.0 in. 20 GPM

BCGS 092G009123 # 35

WTN 000000038222 DAVE LAXTON St. 31590 HUNTINGDON RD. Area ABBOTSFORD Land Dist. 37 Dist. Lot Plan 16462 Lot 1 Twp. 16 Sect. 6 Range IR Mer. Block Qtr. NW Island Const. Date 19770921 DRI Depth 58.0 ft. Dia. 6.0 in. 40 GPM

BCGS 092G009123 # 36

WTN 000000010496 J J HAEPNER St. Area Land Dist. 37 Dist. Lot Plan Lot Twp. 16 Sect. 8 Range IR Mer. Block Qtr. SW Island Const. Date 19500101 DUG Depth 55.0 ft. Dia. 0.0 in. 0

BCGS 092G009123 # 37

WTN 000000002493 P H JAMY St. Area Land Dist. 37 Dist. Lot Plan Lot Twp. 16 Sect. 8 Range IR Mer. Block Qtr. SW Island Const. Date 19450101 DRI Depth 106.0 ft. Dia. 4.0 in. 0

BCGS 092G009123 # 38

✓ WTN 000000014248 D LOGAN St. 889 CLEARBROOK RD. Area Land Dist. 37 Dist. Lot Plan 5250 Lot 2 Twp. 16 Sect. 7 Range IR Mer. Block 1 Qtr. SE Island Const. Date 19540101 DRI Depth 70.0 ft. Dia. 6.0 in. 0

BCGS 092G009123 # 39

✓ WTN 000000010779 DEPT OF AGRICULTURE St. 550 CLEARBROOK RD. Area Land Dist. 37 Dist. Lot Plan 5211 Lot 60 Twp. 16 Sect. 5 Range IR Mer. Block Qtr. NW Island Const. Date 19500101 DRI Depth 81.0 ft. Dia. 8.0 in. 350 USGM 0

BCGS 092G009123 # 40

WTN 000000003258 J F DE FEHR St. Area Land Dist. 37 Dist. Lot Plan Lot Twp. 16 Sect. 8 Range IR Mer. Block Qtr. SW Island Const. Date 19490101 DRI Depth 100.0 ft. Dia. 0.0 in. 0

BCGS 092G009123 # 41

✓ WTN 000000042376 KURT GAUTSCHI St. 31822 HUNTINGDON RD. Area ABBOTSFORD Land Dist. 37 Dist. Lot Plan 7813 Lot 4 Twp. 16 Sect. 6 Range IR Mer. Block Qtr. NE Island Const. Date 19790523 DRI Depth 102.0 ft. Dia. 8.0 in. 300 GPM 0

BCGS 092G009123 # 42

✓ WTN 000000041763 RICK REIMER St. 31906 HUNTINGDON RD. Area ABBOTSFORD Land Dist. 37 Dist. Lot Plan 7813 Lot 5 Twp. 16 Sect. 6 Range IR Mer. Block Qtr. Island Const. Date 19790223 DRI Depth 98.0 ft. Dia. 8.0 in. 150 GPM

BCGS 092G009123 # 43

✓ WTN 000000020213 H H FREISEN St. CLEARBROOK RD. Area Land Dist. 37 Dist. Lot Plan Lot Twp. 16 Sect. 5 Range IR Mer. Block Qtr. Island Const. Date 19661012 DRI Depth 85.0 ft. Dia. 6.0 in. 12 GPM

BCGS 092G009123 # 44

✓ WTN 000000014452 ESSO STATION & STORE St. 32375 HUNTINGDON RD. Area Land Dist. 37 Dist. Lot Plan 20989 Lot L Twp. 16 Sect. 8 Range IR Mer. Block 1 Qtr. SW Island Const. Date 19550101 DRI Depth 92.5 ft. Dia. 6.0 in. 0

BCGS 092G009123 # 45

✓ WTN 000000041782 RAY YOUNG St. 545 CLEARBROOK RD. Area ABBOTSFORD Land Dist. 37 Dist. Lot Plan 7813 Lot 7 Twp. 16 Sect. 6 Range IR Mer. Block Qtr. Island Const. Date 19790228 DRI Depth 100.0 ft. Dia. 6.0 in. 30 GPM

BCGS 092G009123 # 46

✓ WTN 000000014750 SOUTH POPLAR LUMBER St. 32317 HUNTINGDON RD. Area Land Dist. 37 Dist. Lot Plan 17695 Lot 2 Twp. 16 Sect. 8 Range IR Mer. Block Qtr. SW Island Const. Date 19560101 DRI Depth 123.0 ft. Dia. 8.0 in. 0

BCGS 092G009123 # 47

✓ WTN 000000054155 JACK REIMER St. 611 CLEARBROOK RD. Area MATSQUI Land Dist. 37 Dist. Lot Plan 62024 Lot 12 Twp. 16 Sect. 6 Range IR Mer. Block Qtr. NE Island Const. Date 19841016 UNK Depth 102.0 ft. Dia. 0.0 in. 100 GPM

BCGS 092G009123 # 48

✓ WTN 000000015974 DAVID H FALK St. 32241 HUNTINGDON RD. Area Land Dist. 37 Dist. Lot Plan 17695 Lot 7 Twp. 16 Sect. 8 Range IR Mer. Block 2 Qtr. SW Island Const. Date 19590101 DRI Depth 84.0 ft. Dia. 6.0 in. 5 GPM

BCGS 092G009123 # 49

✓ WTN 000000010497 JULIUS LOWEN St. 32294 HUNTINGDON RD. Area Land Dist. 37 Dist. Lot Plan Lot Twp. 16 Sect. 5 Range IR Mer. Block Qtr. NW Island Const. Date 19500101 DRI Depth 84.0 ft. Dia. 0.0 in. 10 GPM

BCGS 092G009123 # 50

✓ WTN 000000010730 JOHN TOEWS St. 32320 HUNTINGDON RD. Area Land Dist. 37 Dist. Lot Plan Lot Twp. 16 Sect. 5 Range IR Mer. Block Qtr. NW Island Const. Date 19500101 DRI Depth 85.0 ft. Dia. 0.0 in. 10 GPM

BCGS 092G009123 # 51

✓ WTN 000000023947 C E CUNDIFF St. HUNTINGDON RD. Area Land Dist. 37 Dist. Lot Plan Lot 1 Twp. 16 Sect. 7 Range IR Mer. Block 1 Qtr. SE Island Const. Date 19700901 DRI Depth 74.0 ft. Dia. 6.0 in. 50 GPM

BCGS 092G009123 # 52

✓ WTN 000000016946 J FALK St. 32189 HUNTINGDON RD. Area Land Dist. 37 Dist. Lot Plan Lot Twp. 16 Sect. Range IR Mer. Block Qtr. Island Const. Date 19610101 DRI Depth 81.0 ft. Dia. 6.0 in. 8 GPM

BCGS 092G009123 # 53

✓ WTN 000000033065 JOHN WALL St. 31545 WALMSLEY AVE. Area Land Dist. 37 Dist. Lot Plan 34137 Lot 23 Twp. 16 Sect. 7 Range IR Mer. Block Qtr. NW Island Const. Date 19750728 UNK Depth

80.0 ft. Dia. 6.0 in. 75 GPM

BCGS 092G009123 # 54

✓ WTN 000000037952 JOHN THIESEN St. 31711 WALMSLEY AVE. Area MATSQUI Land Dist. 37 Dist. Lot Plan 15987 Lot 2 Twp. 16 Sect. 7 Range IR Mer. Block Qtr. NE Island Const. Date 19770820 DRI Depth 65.0 ft. Dia. 6.0 in. 20 GPM 0

BCGS 092G009123 # 55

✓ WTN 000000041898 D & S TOORS St. 547 COLUMBIA ST. Area Land Dist. 37 Dist. Lot Plan 5211 Lot A Twp. 16 Sect. 5 Range IR Mer. Block Qtr. NW Island Const. Date 19790315 DRI Depth 129.0 ft. Dia. 8.0 in. 0

BCGS 092G009123 # 56

✓ WTN 000000037668 SABOLEY PROCESSORS L St. HUNTINGDON RD. Area Land Dist. 37 Dist. Lot Plan Lot Twp. 16 Sect. 7 Range IR Mer. Block Qtr. Island Const. Date 19770714 DRI Depth 83.0 ft. Dia. 8.0 in. 100 GPM

BCGS 092G009123 # 57

✓ WTN 000000038186 SABOLEY PROCESSORS L St. HUNTINGDON RD. Area Land Dist. 37 Dist. Lot Plan Lot Twp. 16 Sect. 7 Range IR Mer. Block Qtr. Island Const. Date 19770915 DRI Depth 60.0 ft. Dia. 6.0 in. 20 GPM

BCGS 092G009123 # 58

✓ WTN 000000031472 AL COLLIER St. 843 COLUMBIA ST. Area Land Dist. 37 Dist. Lot Plan 13913 Lot J Twp. 16 Sect. 8 Range IR Mer. Block Qtr. SW Island Const. Date 19741012 UNK Depth 124.0 ft. Dia. 6.0 in. 30 GPM

BCGS 092G009123 # 59

✓ WTN 000000037276 SABOLAY PROCESSORS L St. HUNTINGDON RD. Area ABBOTSFORD Land Dist. 37 Dist. Lot Plan Lot Twp. 16 Sect. 7 Range IR Mer. Block Qtr. Island Const. Date 19770531 DRI Depth 84.0 ft. Dia. 8.0 in. 400 GPM 0

BCGS 092G009123 # 60

✓ WTN 000000038425 JOE DIMARTINO St. 32113 HUNTINGDON RD. Area ABBOTSFORD Land Dist. 37 Dist. Lot Plan 08976 Lot 5 Twp. 16 Sect. 8 Range IR Mer. Block Qtr. SW Island Const. Date 19771021 DRI Depth 137.0 ft. Dia. 6.0 in. 30 GPM

BCGS 092G009123 # 61

✓ WTN 000000045111 G WOODHAMS St. 31587 WALMSLEY AVE. Area MATSQUI Land Dist. 37 Dist. Lot Plan 39956 Lot 28 Twp. 16 Sect. 7 Range IR Mer. Block Qtr. Island Const. Date 19800523 DRI Depth 60.0 ft. Dia. 6.0 in. 15 USGM

BCGS 092G009123 # 62

✓ WTN 000000038097 BLAIR MCMINN St. 32022 HUNTINGDON RD. Area ABBOTSFORD Land Dist. 37 Dist. Lot Plan Lot Twp. 16 Sect. 5 Range IR Mer. Block Qtr. Island Const. Date 19770902 DRI Depth 80.0 ft. Dia. 6.0 in. 15 GPM

BCGS 092G009123 # 63

✓ WTN 000000039673 GORDON GILBERG St. 831 COLUMBIA ST. Area Land Dist. 37 Dist. Lot Plan 20989 Lot K Twp. 16 Sect. 8 Range IR Mer. Block 1 Qtr. Island Const. Date 19780508 DRI Depth 140.0 ft. Dia. 6.0 in. 20 GPM

BCGS 092G009123 # 64

✓ WTN 000000041421 HAJO KENNELS St. 31931 HUNTINGDON RD. Area ABBOTSFORD Land Dist. 37 Dist. Lot Plan 5250 Lot 1 Twp. 16 Sect. 7 Range IR Mer. Block 1 Qtr. Island Const. Date 19790101 DRI Depth 91.0 ft. Dia. 6.0 in. 20 GPM

BCGS 092G009123 # 65

✓ WTN 000000038378 BLAIR MCMINN St. 32022 HUNTINGDON RD. Area ABBOTSFORD Land Dist. 37 Dist. Lot Plan Lot Twp. 16 Sect. 5 Range IR Mer. Block Qtr. Island Const. Date 19771013 DRI Depth 140.0 ft. Dia. 8.0 in. 100 GPM

BCGS 092G009123 # 66

✓ WTN 000000043628 HELMUT SAWATSKY St. 1219 CLEARBROOK RD. Area ABBOTSFORD Land Dist. 37 Dist. Lot Plan 15987 Lot 4 Twp. 16 Sect. 7 Range IR Mer. Block Qtr. Island Const. Date 19791012 DRI Depth 100.0 ft. Dia. 0.0 in. 10 GPM

BCGS 092G009123 # 67

✓ WTN 000000035292 PARMJIT S THIND St. 32294 HUNTINGDON RD. Area Land Dist. 37 Dist. Lot Plan 5211 Lot 57 Twp. 16 Sect. 5 Range IR Mer. Block Qtr. NW Island Const. Date 19760717 DRI Depth 131.0 ft. Dia. 0.0 in. 120 GPM

✓ BCGS 092G009123 # 68

WTN 000000041863 KONDOLAY BROS FARMS St. WALMSLEY AVE. Area ABBOTSFORD Land Dist. 37 Dist. Lot Plan 5479 Lot Twp. 16 Sect. 7 Range IR Mer. Block Qtr. Island Const. Date 19790307 DRI Depth 120.0 ft. Dia. 8.0 in. 0

BCGS 092G009123 # 69

✓ WTN 000000045503 WALTER SIEMENS St. 1237 COLUMBIA RD. Area CLEARBROOK Land Dist. 37 Dist. Lot Plan 5508 Lot 8 Twp. 16 Sect. 8 Range IR Mer. Block Qtr. Island Const. Date 19800704 DRI Depth 175.0 ft. Dia. 8.0 in. 250 GPM 0

BCGS 092G009123 # 70

WTN 000000030046 DEPT AGRICULTURE St. 31790 WALMSLEY AVE. Area Land Dist. 37 Dist. Lot Plan Lot Twp. 16 Sect. 7 Range IR Mer. Block Qtr. SE Island Const. Date 19740401 UNK Depth 87.0 ft. Dia. 8.0 in. 0

BCGS 092G009123 # 71

WTN 000000042316 SIDHO BERRY FARM St. 32320 HUNTINGDON RD. Area ABBOTSFORD Land Dist. 37 Dist. Lot Plan 38951 Lot 56 Twp. 16 Sect. 5 Range IR Mer. Block Qtr. Island Const. Date 19790509 DRI Depth 141.0 ft. Dia. 8.0 in. 250 GPM

BCGS 092G009123 # 72

WTN 000000055798 BAGHER FARMS St. COLUMBIA ST. Area Land Dist. 37 Dist. Lot Plan Lot 6 Twp. 16 Sect. 8 Range IR Mer. Block Qtr. Island Const. Date 19860302 DRI Depth 150.0 ft. Dia. 0.0 in. 150 GPM

BCGS 092G009123 # 73

WTN 000000054650 GEORGE SIEMENS St. 1224 CLEARBROOK RD. Area MATSQUI Land Dist. 37 Dist. Lot Plan 5508 Lot 1 Twp. 16 Sect. 8 Range IR Mer. Block Qtr. NW Island Const. Date 19850409 DRI Depth 120.0 ft. Dia. 6.0 in. 90 GPM 0

BCGS 092G009123 # 74

WTN 000000033125 PETER FALK St. 889 COLUMBIA ST. Area Land Dist. 37 Dist. Lot Plan 36781 Lot 19 Twp. 16 Sect. 8 Range IR Mer. Block Qtr. SW Island Const. Date 19750801 UNK Depth 117.0 ft. Dia. 6.0 in. 40 GPM

BCGS 092G009123 # 75

WTN 000000056608 JOHN MEGHJI St. 32172 HUNTINGDON RD. Area ABBOTSFORD Land Dist. 37 Dist. Lot Plan 5211 Lot A Twp. 16 Sect. 5 Range IR Mer. Block Qtr. NW Island Const. Date 19861004 UNK Depth 124.0 ft. Dia. 8.0 in. 200 GPM

BCGS 092G009123 # 79

WTN 000000023681 FALK & SONS St. 32317 HUNTINGDON RD. Area MATSQUI Land Dist. 37 Dist. Lot Plan 17695 Lot 6 Twp. 16 Sect. 8 Range IR Mer. Block Qtr. SW Island Const. Date 19700620 DRI Depth 120.0 ft. Dia. 8.0 in. 450 GPM 0

BCGS 092G009123 # 78

WTN 000000042030 J & K BERRY FARMS St. 32241 HUNTINGDON RD. Area Land Dist. 37 Dist. Lot Plan 17695 Lot 7 Twp. 16 Sect. 8 Range IR Mer. Block Qtr. SW Island Const. Date 19790401 UNK Depth 143.0 ft. Dia. 8.0 in. 200 GPM 0

BCGS 092G009123 # 10

WTN 000000026787 GROUNDWATER DIVISION St. HUNTINGDON RD. Area CLEARBROOK Land Dist. 37 Dist. Lot Plan Lot Twp. 16 Sect. 7 Range IR Mer. Block Qtr. SE Island Const. Date

19720816 DRI Depth 63.0 ft. Dia. 6.0 in. 24.7 GPM 0

BCGS 092G009123 # 76

✓ WTN 000000028271 MIRUS GROWERS St. CLOUMBIA RD. Area MATSQUI Land Dist. 37 Dist. Lot Plan Lot Twp. 16 Sect. 8 Range IR Mer. Block Qtr. SW Island Const. Date 19730615 DRI Depth 129.0 ft. Dia. 12.0 in. 0

BCGS 092G009123 # 77

✓ WTN 000000057843 DHALI WAL St. 889 CLEARBROOK RD. Area CLEARBROOK Land Dist. 37 Dist. Lot Plan 5250 Lot 2 Twp. 16 Sect. 7 Range IR Mer. Block Qtr. Island Const. Date 19880112 DRI Depth 105.0 ft. Dia. 11.0 in. 100 GPM 0

BCGS 092G009123 # 80

✓ WTN 000000081642 WALTER SIEMENS St. 1224 CLEARBROOK ROAD Area CLEARBROOK Land Dist. 37 Dist. Lot Plan 5508 Lot 1 Twp. 16 Sect. 8 Range IR Mer. Block Qtr. NW Island Const. Date 19891101 DRI Depth 100 ft. Dia. 6 in. 0 0 80 rows selected.

Clearbrook Rd

**Groundwater Database System
Water Well Data by BCGS Number****Information Disclaimer**

The Province disclaims all responsibility for the accuracy of information provided. Information provided should not be used as a basis for making financial or any other commitments.

BCGS 092G009124 # 78

X WTN 000000040980 J R FRASER St. 590 COLUMBIA ST. Area CLEARBROOK Land Dist. 37 Dist. Lot Plan 10835 Lot 44 Twp. 16 Sect. 5 Range IR Mer. Block Qtr. Island Const. Date 19781115 DRI Depth 125.0 ft. Dia. 6.0 in. 7 GPM 0

BCGS 092G009124 # 1

WTN 000000002355 J CAMPBELL St. Area Land Dist. 37 Dist. Lot Plan Lot Twp. 16 Sect. 4 Range IR Mer. Block Qtr. NW Island Const. Date 19440101 DUG Depth 130.0 ft. Dia. 0.0 in. 0

BCGS 092G009124 # 2

WTN 000000010641 J DYCK St. Area Land Dist. 37 Dist. Lot Plan Lot Twp. 16 Sect. 9 Range IR Mer. Block Qtr. SW Island Const. Date 19500101 DUG Depth 89.0 ft. Dia. 0.0 in. 0

BCGS 092G009124 # 3

D WTN 000000010253 A MARTIN St. Area Land Dist. 37 Dist. Lot Plan Lot Twp. 16 Sect. 9 Range IR Mer. Block Qtr. SW Island Const. Date 19500101 DUG Depth 136.0 ft. Dia. 5.0 in. 0

BCGS 092G009124 # 4

WTN 000000010457 J KETTER St. Area Land Dist. 37 Dist. Lot Plan Lot Twp. 16 Sect. 8 Range IR Mer. Block Qtr. SE Island Const. Date 19500101 DUG Depth 110.0 ft. Dia. 4.0 in. 0

BCGS 092G009124 # 5

WTN 000000014456 R RATZLOFF St. EMERSON RD. Area Land Dist. 37 Dist. Lot Plan Lot Twp. 16 Sect. 9 Range IR Mer. Block Qtr. SW Island Const. Date 19550101 DRI Depth 146.0 ft. Dia. 6.0 in. 0

BCGS 092G009124 # 6

WTN 000000010384 P RENDIKOP St. Area Land Dist. 37 Dist. Lot Plan Lot Twp. 16 Sect. 8 Range IR Mer. Block Qtr. SE Island Const. Date 19500101 DUG Depth 94.0 ft. Dia. 0.0 in. 0

BCGS 092G009124 # 7

WTN 000000010894 HENRY DEFEHR St. 33082 HUNTINGDON RD. Area Land Dist. 37 Dist. Lot Plan Lot Twp. 16 Sect. 4 Range IR Mer. Block Qtr. NW Island Const. Date 19500101 DUG Depth 56.0 ft. Dia. 0.0 in. 0

BCGS 092G009124 # 8

WTN 00000002745 R H NICKEL St. Area Land Dist. 37 Dist. Lot Plan Lot Twp. 16 Sect. 9 Range IR Mer. Block Qtr. SE Island Const. Date 19470101 DRI Depth 116.0 ft. Dia. 6.0 in. 0

BCGS 092G009124 # 9

WTN 000000010647 A SEHEFFLER St. Area Land Dist. 37 Dist. Lot Plan Lot Twp. 16 Sect. 8 Range IR Mer. Block Qtr. SE Island Const. Date 19500101 DUG Depth 112.0 ft. Dia. 4.0 in. 0

BCGS 092G009124 # 10

WTN 000000010340 M THURSON St. Area Land Dist. 37 Dist. Lot Plan Lot Twp. 16 Sect. 4 Range IR Mer. Block Qtr. NW Island Const. Date 19500101 DUG Depth 56.0 ft. Dia. 30.0 in. 0

BCGS 092G009124 # 11

WTN 000000010288 B NICKEL St. Area Land Dist. 37 Dist. Lot Plan Lot Twp. 16 Sect. 9 Range IR Mer. Block Qtr. SW Island Const. Date 19500101 DRI Depth 114.0 ft. Dia. 6.0 in. 0

BCGS 092G009124 # 12

WTN 000000013982 BROWN SUBDIVISION St. Area Land Dist. 37 Dist. Lot Plan Lot Twp. 16 Sect. 5 Range IR Mer. Block Qtr. NE Island Const. Date 19530101 UNK Depth 0.0 ft. Dia. 0.0 in. 0

BCGS 092G009124 # 13

WTN 000000010559 G J DIRKSON St. Area Land Dist. 37 Dist. Lot Plan Lot Twp. 16 Sect. 4 Range IR Mer. Block Qtr. NE Island Const. Date 19500101 DUG Depth 63.0 ft. Dia. 36.0 in. 0

BCGS 092G009124 # 14

WTN 000000002683 H SCHULTZ St. Area Land Dist. 37 Dist. Lot Plan Lot Twp. 16 Sect. 9 Range IR Mer. Block Qtr. SW Island Const. Date 19460101 DRI Depth 94.0 ft. Dia. 4.0 in. 0

BCGS 092G009124 # 16

WTN 000000013981 P SIEMEN St. Area Land Dist. 37 Dist. Lot Plan Lot Twp. 16 Sect. 9 Range IR Mer. Block Qtr. SW Island Const. Date 19530101 DUG Depth 83.0 ft. Dia. 0.0 in. 0

BCGS 092G009124 # 17

WTN 000000010523 St. Area Land Dist. 37 Dist. Lot Plan Lot Twp. 16 Sect. 5 Range IR Mer. Block Qtr. NE Island Const. Date 19500101 DRI Depth 106.0 ft. Dia. 4.0 in. 0

BCGS 092G009124 # 18

WTN 000000010556 J VOTH St. Area Land Dist. 37 Dist. Lot Plan Lot Twp. 16 Sect. 8 Range IR Mer. Block Qtr. NE Island Const. Date 19500101 DUG Depth 55.0 ft. Dia. 0.0 in. 0

BCGS 092G009124 # 19

WTN 000000010612 B M DYCK St. Area Land Dist. 37 Dist. Lot Plan Lot Twp. 16 Sect. 4 Range IR Mer. Block Qtr. NW Island Const. Date 19500101 DRI Depth 90.0 ft. Dia. 4.0 in. 0

BCGS 092G009124 # 20

X WTN 000000013566 C HINTZ St. 32712 HUNTINGDON RD. Area Land Dist. 37 Dist. Lot Plan 6157 Lot 30 Twp. 16 Sect. 5 Range IR Mer. Block 40 Qtr. NE Island Const. Date 19510101 DRI Depth 128.0 ft. Dia. 5.0 in. 0

BCGS 092G009124 # 21

WTN 000000010336 H GREAN St. Area Land Dist. 37 Dist. Lot Plan Lot Twp. 16 Sect. 8 Range IR Mer. Block Qtr. SE Island Const. Date 19500101 DUG Depth 58.0 ft. Dia. 36.0 in. 0

BCGS 092G009124 # 22

X WTN 000000015071 J J DERKSEN St. GLADWIN RD. Area Land Dist. 37 Dist. Lot Plan 9147 Lot 2 Twp. 16 Sect. 9 Range IR Mer. Block Qtr. SW Island Const. Date 19570101 DRI Depth 130.0 ft. Dia. 0.0 in. 6 GPM

BCGS 092G009124 # 23

U WTN 000000014748 ISAAC L DYCK St. EMERSON RD. Area Land Dist. 37 Dist. Lot Plan 9147 Lot 4 Twp. 16 Sect. 9 Range IR Mer. Block Qtr. SW Island Const. Date 19560101 UNK Depth 136.0 ft. Dia. 0.0 in. 5 GPM

BCGS 092G009124 # 24

WTN 000000010688 H KLEINEER St. Area Land Dist. 37 Dist. Lot Plan Lot Twp. 16 Sect. 4 Range IR Mer. Block Qtr. NW Island Const. Date 19500101 DRI Depth 100.0 ft. Dia. 0.0 in. 0

BCGS 092G009124 # 25

WTN 000000013563 A NICKEL St. Area Land Dist. 37 Dist. Lot Plan Lot Twp. 16 Sect. 8 Range IR Mer. Block Qtr. SE Island Const. Date 19510101 DUG Depth 140.0 ft. Dia. 4.0 in. 0

BCGS 092G009124 # 26

WTN 000000010303 G JENSEN St. Area Land Dist. 37 Dist. Lot Plan Lot Twp. 16 Sect. 4 Range IR Mer. Block Qtr. NW Island Const. Date 19500101 OTH Depth 80.0 ft. Dia. 36.0 in. 0

BCGS 092G009124 # 27

WTN 000000014000 SOUTH PAPLAR St. Area Land Dist. 37 Dist. Lot Plan Lot Twp. 16 Sect. 5 Range IR Mer. Block Qtr. NE Island Const. Date 19530101 DRI Depth 0.0 ft. Dia. 0.0 in. 0

U BCGS 092G009124 # 28

WTN 000000018002 NARCOTIC CENTER St. VYE RD. Area Land Dist. 37 Dist. Lot Plan Lot Twp. 16 Sect. 9 Range IR Mer. Block Qtr. SE Island Const. Date 19630301 DRI Depth 250.0 ft. Dia. 12.0 in. 0

BCGS 092G009124 # 29

WTN 000000002687 B E DYCK St. Area Land Dist. 37 Dist. Lot Plan Lot Twp. 16 Sect. 4 Range IR Mer. Block Qtr. NE Island Const. Date 19460101 DRI Depth 114.0 ft. Dia. 4.0 in. 0

BCGS 092G009124 # 30

WTN 000000010637 J JENSEN St. Area Land Dist. 37 Dist. Lot Plan Lot Twp. 16 Sect. 4 Range IR Mer. Block Qtr. NE Island Const. Date 19500101 DUG Depth 80.0 ft. Dia. 6.0 in. 0

BCGS 092G009124 # 31

WTN 000000023372 H UNRUH St. 1116 GLADWIN RD. Area MATSQUI Land Dist. 37 Dist. Lot Plan 26071 Lot 6 Twp. 16 Sect. 9 Range IR Mer. Block Qtr. SW Island Const. Date 19700318 DRI Depth 163.0 ft. Dia. 10.0 in. 250 GPM 0

BCGS 092G009124 # 32

WTN 000000030822 A F WARMENHOVEN St. 1018 GLADWIN RD. Area Land Dist. 37 Dist. Lot Plan 5211 Lot 9 Twp. 16 Sect. 9 Range IR Mer. Block Qtr. SW Island Const. Date 19740720 UNK Depth 160.0 ft. Dia. 8.0 in. 100 GPM

BCGS 092G009124 # 33

WTN 000000013996 J ROBERTSON St. 33160 HUNTINGDON RD. Area Land Dist. 37 Dist. Lot Plan 13871 Lot Twp. 16 Sect. 4 Range IR Mer. Block Qtr. NW Island Const. Date 19530101 DRI Depth 84.0 ft. Dia. 6.0 in. 0

BCGS 092G009124 # 34

WTN 000000014249 J B NICKEL St. 1128 COLUMBIA ST. Area Land Dist. 37 Dist. Lot Plan 7133 Lot 1 Twp. 16 Sect. 8 Range IR Mer. Block Qtr. SE Island Const. Date 19540101 DRI Depth 102.0 ft. Dia. 6.0 in. 0

BCGS 092G009124 # 35

WTN 000000040865 P FACK St. 910 GLADWIN RD. Area ABBOTSFORD Land Dist. 37 Dist. Lot Plan 9086 Lot 2 Twp. 16 Sect. 9 Range IR Mer. Block Qtr. Island Const. Date 19781023 DRI Depth 170.0 ft. Dia. 6.0 in. 200 GPM

BCGS 092G009124 # 36

WTN 000000002281 B FREAD St. Area Land Dist. 37 Dist. Lot Plan Lot Twp. 16 Sect. 8 Range IR Mer. Block Qtr. SE Island Const. Date 19430101 DRI Depth 100.0 ft. Dia. 0.0 in. 0

BCGS 092G009124 # 37

X WTN 000000015968 B H UNRAH St. COLUMBIA ST. Area Land Dist. 37 Dist. Lot Plan 13711 Lot 4 Twp. 16 Sect. 5 Range IR Mer. Block 43 Qtr. NE Island Const. Date 19590101 DRI Depth 114.0 ft. Dia. 6.0 in. 0

BCGS 092G009124 # 38

X WTN 000000016458 REV WILLIAM I NEUFEL St. COLUMBIA ST. Area Land Dist. 37 Dist. Lot Plan 21566 Lot 11 Twp. 16 Sect. 5 Range IR Mer. Block 43 Qtr. NE Island Const. Date 19600101 DRI Depth 121.0 ft. Dia. 6.0 in. 8 GPM

BCGS 092G009124 # 39

X WTN 000000052650 DEPT OF PUBLIC WORKS St. HUNTINGDON RD. Area MATSQUI Land Dist. 37 Dist. Lot Plan Lot Twp. 16 Sect. 9 Range IR Mer. Block Qtr. Island Const. Date 19830824 DRI Depth 186.0 ft. Dia. 8.0 in. 300 GPM

BCGS 092G009124 # 40

X WTN 000000019797 SIEGFRIED SCHULTZ St. 33220 HUNTINGDON RD. Area Land Dist. 37 Dist. Lot Plan 5211 Lot 16 Twp. 16 Sect. 4 Range IR Mer. Block Qtr. NE Island Const. Date 19660101 DRI Depth 85.0 ft. Dia. 6.0 in. 25 GPM

BCGS 092G009124 # 41

W WTN 000000010817 M SCHAPANSKY St. Area Land Dist. 37 Dist. Lot Plan Lot Twp. 16 Sect. 8 Range IR Mer. Block Qtr. SE Island Const. Date 19500101 DUG Depth 77.0 ft. Dia. 0.0 in. 0

BCGS 092G009124 # 42

X WTN 000000014740 JOHN TOEWS St. 618 COLUMBIA ST. Area Land Dist. 37 Dist. Lot Plan 21566 Lot 10 Twp. 16 Sect. 5 Range IR Mer. Block 43 Qtr. NE Island Const. Date 19560101 DRI Depth 111.0 ft. Dia. 6.0 in. 0

BCGS 092G009124 # 43

> WTN 000000043210 VERN CODE St. 32843 HUNTINGDON RD. Area ABBOTSFORD Land Dist. 37 Dist. Lot Plan 9086 Lot 6 Twp. 16 Sect. 9 Range IR Mer. Block Qtr. Island Const. Date 19790824 UNK Depth 145.0 ft. Dia. 0.0 in. 11 GPM

BCGS 092G009124 # 44

X WTN 000000015077 J E SAWATSKY St. HUNTINGDON RD. Area Land Dist. 37 Dist. Lot Plan Lot Twp. 16 Sect. 5 Range IR Mer. Block Qtr. NE Island Const. Date 19570101 DRI Depth 100.0 ft. Dia. 4.0 in. 0

BCGS 092G009124 # 45

W WTN 000000015984 UNRAH St. COLUMBIA ST. & HUNTINGDON RD. Area Land Dist. 37 Dist. Lot Plan 18765 Lot C Twp. 16 Sect. 8 Range IR Mer. Block Qtr. SE Island Const. Date 19590101 DRI Depth 114.0 ft. Dia. 6.0 in. 0

BCGS 092G009124 # 46

WTN 000000010306 SCHULTZ St. Area Land Dist. 37 Dist. Lot Plan Lot Twp. 16 Sect. 4 Range IR Mer. Block Qtr. NE Island Const. Date 19500101 UNK Depth 126.0 ft. Dia. 0.0 in. 400 GPM

BCGS 092G009124 # 47

WTN 000000016933 C W SAWATSKY St. COLUMBIA ST. Area Land Dist. 37 Dist. Lot Plan 8295 Lot 2 Twp. 16 Sect. 8 Range IR Mer. Block Qtr. SE Island Const. Date 19610101 DRI Depth 78.0 ft. Dia. 6.0 in. 8 GPM

BCGS 092G009124 # 48

WTN 000000010634 SAWATSKY St. 324 MONTGOMERY AVE. Area Land Dist. 37 Dist. Lot Plan Lot Twp. 16 Sect. 5 Range IR Mer. Block Qtr. NE Island Const. Date 19500101 DRI Depth 91.5 ft. Dia. 6.0 in. 4.5 GPM

BCGS 092G009124 # 50

WTN 000000028203 WAYNE ROSS St. 725 SHORT RD. Area Land Dist. 37 Dist. Lot Plan 6106 Lot Twp. 16 Sect. 4 Range IR Mer. Block Qtr. NW Island Const. Date 19730601 UNK Depth 140.0 ft. Dia. 6.0 in. 40 GPM

BCGS 092G009124 # 51

WTN 000000010422 MENNONITE CHURCH St. VYE RD. Area Land Dist. 37 Dist. Lot Plan Lot Twp. 16 Sect. 5 Range IR Mer. Block Qtr. NE Island Const. Date 19500101 DRI Depth 99.5 ft. Dia. 0.0 in. 0

BCGS 092G009124 # 52

WTN 000000020862 H H KLASSEN St. 32595 HUNTINGDON RD. Area Land Dist. 37 Dist. Lot Plan 5211 Lot 67 Twp. 16 Sect. 8 Range IR Mer. Block Qtr. SE Island Const. Date 19670818 DRI Depth 113.0 ft. Dia. 4.0 in. 5 GPM

BCGS 092G009124 # 53

WTN 000000010304 DENNIS FRIESEN St. 32687 HUNTINGDON RD. Area Land Dist. 37 Dist. Lot Plan Lot Twp. 16 Sect. 8 Range IR Mer. Block Qtr. SE Island Const. Date 19500101 DRI Depth 121.0 ft. Dia. 6.0 in. 0

BCGS 092G009124 # 54

WTN 000000024229 C FEDERAU St. 542 COLUMBIA ST. Area MATSQUI Land Dist. 37 Dist. Lot Plan 10853 Lot 1 Twp. 16 Sect. 5 Range IR Mer. Block Qtr. NW Island Const. Date 19701125 DRI Depth 120.0 ft. Dia. 6.0 in. 10 GPM

BCGS 092G009124 # 56

WTN 000000038189 CLEARBROOK GRAIN & M St. 576 GLADWIN RD. Area MATSQUI Land

Dist. 37 Dist. Lot Plan 5211 Lot 33 Twp. 16 Sect. 4 Range IR Mer. Block Qtr. Island Const. Date 19770916 DRI Depth 145.0 ft. Dia. 8.0 in. 100 GPM

BCGS 092G009124 # 57

X WTN 000000023216 D D KRAHN St. 950 COLUMBIA ST. Area Land Dist. 37 Dist. Lot Plan 8295 Lot 4 Twp. 16 Sect. 8 Range IR Mer. Block Qtr. SE Island Const. Date 19700109 DRI Depth 92.5 ft. Dia. 7.0 in. 0

BCGS 092G009124 # 59

X WTN 000000010695 H KRECKER St. HUNTINGDON RD. & COLUMBIA ST. Area MATSQUI Land Dist. 37 Dist. Lot Plan Lot Twp. 16 Sect. 8 Range IR Mer. Block Qtr. SE Island Const. Date 19500101 DRI Depth 102.0 ft. Dia. 6.0 in. 100 GPM

BCGS 092G009124 # 60

X WTN 000000039155 MARTHA THIESEN St. 33120 HUNTINGDON RD. Area ABBOTSFORD Land Dist. 37 Dist. Lot Plan 11143 Lot 2 Twp. 16 Sect. 4 Range IR Mer. Block Qtr. Island Const. Date 19780116 DRI Depth 80.0 ft. Dia. 6.0 in. 6 GPM

BCGS 092G009124 # 61

X WTN 000000010716 OTTO FRIESEN St. COLUMBIA ST. Area MATSQUI Land Dist. 37 Dist. Lot Plan Lot Twp. 16 Sect. 8 Range IR Mer. Block Qtr. NE Island Const. Date 19500101 DRI Depth 114.0 ft. Dia. 0.0 in. 0

BCGS 092G009124 # 62

X WTN 000000040961 S SCHULZ St. SHORT RD. Area MATSQUI Land Dist. 37 Dist. Lot Plan 6106 Lot A Twp. 16 Sect. 4 Range IR Mer. Block Qtr. Island Const. Date 19781109 DRI Depth 133.0 ft. Dia. 6.0 in. 10 GPM

BCGS 092G009124 # 63

X WTN 000000036713 GEORGE EPP St. 736 COLUMBIA ST. Area ABBOTSFORD Land Dist. 37 Dist. Lot Plan Lot A Twp. 16 Sect. 5 Range IR Mer. Block Qtr. Island Const. Date 19770221 DRI Depth 118.0 ft. Dia. 8.0 in. 45 GPM

BCGS 092G009124 # 64

X WTN 000000035097 LEN MARTENS St. 32483 HUNTINGDON RD. Area ABBOTSFORD Land Dist. 37 Dist. Lot Plan 8675 Lot 10 Twp. 16 Sect. 8 Range IR Mer. Block Qtr. SE Island Const. Date 19760623 DRI Depth 105.0 ft. Dia. 6.0 in. 8 GPH

BCGS 092G009124 # 66

X WTN 000000038593 BUCK BARRETTE St. 629 GLADWIN RD. Area Land Dist. 37 Dist. Lot Plan 39643 Lot 46 Twp. 16 Sect. 5 Range IR Mer. Block Qtr. NE Island Const. Date 19771118 DRI Depth 134.0 ft. Dia. 0.0 in. 10 GPM

BCGS 092G009124 # 67

WTN 000000034999 DALJIT S ALAMWALA St. 32712 HUNTINGDON RD. Area Land Dist. 37 Dist. Lot Plan 6157 Lot 3 Twp. 16 Sect. 5 Range IR Mer. Block Qtr. NE Island Const. Date 19760607 OTH Depth 150.0 ft. Dia. 8.0 in. 70 GPM

BCGS 092G009124 # 68

WTN 000000044011 JOHN S ROBERTSON St. 33160 HUNTINGDON RD. Area ABBOTSFORD Land Dist. 37 Dist. Lot Plan 11143 Lot 1 Twp. 16 Sect. 4 Range IR Mer. Block Qtr. Island Const. Date 19791220 DRI Depth 120.0 ft. Dia. 0.0 in. 40 GPM

BCGS 092G009124 # 69

WTN 000000040406 DENNIS WRIGHT St. 32421 HUNTINGDON RD. Area ABBOTSFORD Land Dist. 37 Dist. Lot Plan 15691 Lot 15 Twp. 16 Sect. 8 Range IR Mer. Block Qtr. Island Const. Date 19780818 DRI Depth 120.0 ft. Dia. 6.0 in. 5 GPM

BCGS 092G009124 # 71

WTN 000000042505 L W DYCKE St. 582 SHORT RD. Area Land Dist. 37 Dist. Lot Plan 14073 Lot Twp. 16 Sect. 4 Range IR Mer. Block Qtr. NE Island Const. Date 19790601 UNK Depth 144.0 ft. Dia. 6.0 in. 15 GPM

BCGS 092G009124 # 72

WTN 000000042878 DAVE BOOTSMA St. 938 COLUMBIA ST. Area ABBOTSFORD Land Dist. 37 Dist. Lot Plan 8295 Lot 5 Twp. 16 Sect. 8 Range IR Mer. Block Qtr. Island Const. Date 19790718 DRI Depth 126.0 ft. Dia. 0.0 in. 15 GPM

BCGS 092G009124 # 73

WTN 000000041422 MAURICE WETTSTEIN St. 926 COLUMBIA ST. Area ABBOTSFORD Land Dist. 37 Dist. Lot Plan 8295 Lot 6 Twp. 16 Sect. 8 Range IR Mer. Block Qtr. Island Const. Date 19790101 DRI Depth 128.0 ft. Dia. 0.0 in. 15 GPM

BCGS 092G009124 # 74

WTN 000000048361 RATTAN PARMAR St. 1125 GLADWIN RD. Area ABBOTSFORD Land Dist. 37 Dist. Lot Plan 4791 Lot 2 Twp. 16 Sect. 8 Range IR Mer. Block Qtr. Island Const. Date 19810624 DRI Depth 168.0 ft. Dia. 8.0 in. 21 GPM 0

BCGS 092G009124 # 75

WTN 000000028199 J C JANSEN St. 648 COLUMBIA ST. Area MATSQUI Land Dist. 37 Dist. Lot Plan 14087 Lot 1 Twp. 16 Sect. 5 Range IR Mer. Block Qtr. NE Island Const. Date 19730601 UNK Depth 121.0 ft. Dia. 6.0 in. 8 GPM

BCGS 092G009124 # 15

X WTN 000000013978 H LEPP St. COLUMBIA ST. Area Land Dist. 37 Dist. Lot Plan 14087 Lot A
Twp. 16 Sect. 5 Range IR Mer. Block Qtr. NE Island Const. Date 19530101 DRI Depth 138.0 ft. Dia.
6.0 in. 0

BCGS 092G009124 # 55

X WTN 000000029335 ERNST SCHALOSKE St. 32250 HUNTINGDON RD. Area Land Dist. 37 Dist.
Lot Plan 5211 Lot 42 Twp. 16 Sect. 5 Range IR Mer. Block Qtr. NE Island Const. Date 19731219 UNK
Depth 153.0 ft. Dia. 10.0 in. 0

BCGS 092G009124 # 65

X WTN 000000044794 J & K BERRY FARM St. 32850 HUNTINGDON RD. Area ABBOTSFORD
Land Dist. 37 Dist. Lot Plan 5211 Lot 13 Twp. 16 Sect. 4 Range IR Mer. Block Qtr. Island Const. Date
19800415 DRI Depth 183.0 ft. Dia. 0.0 in. 30 GPM

BCGS 092G009124 # 77

X WTN 000000058787 GILL BILL St. 1283 GLADWIN RD. Area ABBOTSFORD Land Dist. 37 Dist.
Lot Plan 3477 Lot 1 Twp. 16 Sect. 8 Range IR Mer. Block Qtr. Island Const. Date 19890506 DRI Depth
159.0 ft. Dia. 6.0 in. 60 GPM 0 74 rows selected.



Well Tag Number 000000021406	Construction Date 19680415
Owner: AGRICULTURE CANADA	Driller LANGLEY WATER WELLS
Address: 6947 LOUGHEED HIGHWAY	License Number
Area: AGASSIZ	
WELL LOCATION:	
YALE (YDYD) Land District	
District Lot 36 Plan Lot	PRODUCTION DATA AT TIME OF DRILLING:
Township Section Range	Well Yield 180 GPM
Indian Reserve Meridian Block	Artesian Flow 0
Quarter	Static Level 7 feet
Island	
BCGS Number (NAD 27) 092H022134 Well 20	Water Utility
Well Use Irrigation	Lithology Info Flag
Construction Method Drilled	Pump Test Info Flag
Diameter 8.0 inches	File Info Flag
Well Depth 144.0 feet	Sieve Info Flag
Elevation 0	Screen Info Flag
Bedrock Depth UNK feet	Water Chemistry Info Flag Y
Screen from 130 to 140 feet	Field Chemistry Info Flag
Slot Size 1 30 Slot Size 2 0	Site Info (SEAM)
Slot Size 3 0 Slot Size 4 0	Other Info Flag
GENERAL REMARKS:	
<p>From 0 To 6 Ft. silt</p> <p>From 6 To 109 Ft. gravel & boulders</p> <p>From 109 To 144 Ft. medium sand</p>	

Information Disclaimer:

The Province disclaims all responsibility for the accuracy of information provided. Information provided should not be used as a basis for making financial or any other commitments.

Date entered to WELL



Well Tag Number 000000021407	Construction Date 19680415
Owner: AGRICULTURE CANADA	Driller LANGLEY WATER WELLS
Address: 6947 LOUGHEED HIGHWAY	License Number
Area: AGASSIZ	
WELL LOCATION:	
YALE (YDYD) Land District	
District Lot 36 Plan Lot	
Township Section Range	
Indian Reserve Meridian Block	
Quarter	
Island	
BCGS Number (NAD 27) 092H022134 Well 19	PRODUCTION DATA AT TIME OF DRILLING:
Well Use Irrigation	Well Yield 260 GPM
Construction Method Drilled	Artesian Flow 0
Diameter 8.0 inches	Static Level 5 feet
Well Depth 143.0 feet	
Elevation 0	Water Utility
Bedrock Depth UNK feet	Lithology Info Flag
Screen from 130 to 140 feet	Pump Test Info Flag
Slot Size 1 30 Slot Size 2 0	File Info Flag
Slot Size 3 0 Slot Size 4 0	Sieve Info Flag
	Screen Info Flag
	Water Chemistry Info Flag Y
	Field Chemistry Info Flag
	Site Info (SEAM)
	Other Info Flag
GENERAL REMARKS:	
From 0 To 4 Ft. silt	
From 4 To 112 Ft. gravel & boulders	
From 112 To 143 Ft. medium sand	

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Date entered to WELL



Well Tag Number 000000075267 Owner: AGRICULTURE CANADA Address: 6947 LOUGHEED HIGHWAY Area: AGASSIZ WELL LOCATION: YALE (YDYD) Land District District Lot 19 Plan Lot Township Section Range Indian Reserve Meridian Block Quarter Island BCGS Number (NAD 27) 092H022134 Well 21 Well Use Other Construction Method Drilled Diameter 10.0 inches Well Depth 213.0 feet Elevation 0 Bedrock Depth feet Screen from 102 to 183 feet Slot Size 1 25 Slot Size 2 0 Slot Size 3 0 Slot Size 4 0	Construction Date 19880501 Driller CLARK DRILLING SERVICES LTD License Number PRODUCTION DATA AT TIME OF DRILLING: Well Yield 90 GPM Artesian Flow 0 Static Level 9 feet Water Utility Lithology Info Flag Pump Test Info Flag File Info Flag Sieve Info Flag Screen Info Flag Water Chemistry Info Flag Field Chemistry Info Flag Site Info (SEAM) Other Info Flag
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GENERAL REMARKS:
 GEOTHERMAL PURPOSE

From 0 To 7 Ft. sandy loam, brown
 From 7 To 15 Ft. sand and gravel, cobbles to 5"
 From 15 To 30 Ft. w-b sand & gravel, same as above, grey
 From 30 To 37 Ft. skip graded sand and cobbles
 From 37 To 43 Ft. sand and gravel
 From 43 To 53 Ft. skip graded sand and gravel, brown
 From 53 To 59 Ft. sand and some stones, brown
 From 59 To 70 Ft. coarse sand, the odd stone, brown
 From 70 To 76 Ft. skip graded sand and gravel, brown
 From 76 To 80 Ft. medium sand, brown
 From 80 To 101 Ft. skip graded sand and gravels, brown
 From 101 To 121 Ft. coarse sand, very loose, brown
 From 121 To 140 Ft. fine sand and stones, skip graded
 From 140 To 145 Ft. coarse loose sand, 2" minus stones
 From 145 To 179 Ft. coarse sand, brown
 From 179 To 182 Ft. sand and gravel
 From 182 To 197 Ft. mostly gravel, some sand
 From 197 To 202 Ft. skip graded, 3" stones and sand
 From 202 To 213 Ft. med grey sand, grey silt in wash water

19 rows selected.

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Date entered to WELL 19990219



Well Tag Number 000000075268	Construction Date 19980801
Owner: AGRICULTURE CANADA	Driller CLARK DRILLING SERVICES LTD
Address: 6947 LOUGHEED HIGHWAY	License Number
Area: AGASSIZ	
WELL LOCATION:	
YALE (YDYD) Land District	
District Lot 19 Plan Lot	
Township Section Range	
Indian Reserve Meridian Block	
Quarter	
Island	
BCGS Number (NAD 27) 092H022134 Well 22	PRODUCTION DATA AT TIME OF DRILLING:
Well Use Other	Well Yield 200 GPM
Construction Method Drilled	Artesian Flow 0
Diameter 10.0 inches	Static Level 8 feet
Well Depth 205.0 feet	
Elevation 0	Water Utility
Bedrock Depth feet	Lithology Info Flag
Screen from 103 to 201 feet	Pump Test Info Flag
Slot Size 1 25 Slot Size 2 15	File Info Flag
Slot Size 3 0 Slot Size 4 0	Sieve Info Flag
	Screen Info Flag
	Water Chemistry Info Flag
	Field Chemistry Info Flag
	Site Info (SEAM)
	Other Info Flag

GENERAL REMARKS:
 GEOTHERMAL PURPOSE

From 0 To 4 Ft. brown silt, loam
 From 4 To 8 Ft. 6" minus dry gravel
 From 8 To 10 Ft. silty gravel, wet
 From 10 To 30 Ft. 6" minus w-b gravel, skip graded
 From 30 To 50 Ft. 6" minus w-b gravel
 From 50 To 60 Ft. 6" minus w-b gravel, skip graded
 From 60 To 78 Ft. well graded gravel, brown
 From 78 To 80 Ft. coarse sand, brown
 From 80 To 89 Ft. well graded gravel, 4" minus
 From 89 To 108 Ft. skip graded coarse sand and stones
 From 108 To 115 Ft. coarse sand, brown
 From 115 To 125 Ft. skip graded sand & 4" minus stones
 From 125 To 153 Ft. well graded gravel, brown
 From 153 To 156 Ft. coarse sand, brown
 From 156 To 162 Ft. 4" minus sand and stones, brown
 From 162 To 172 Ft. coarse sand and some fine gravel
 From 172 To 182 Ft. coarse sand
 From 182 To 184 Ft. finer sand
 From 184 To 190 Ft. coarse sand, brown
 From 190 To 205 Ft. coarse sand, the odd stone

20 rows selected.

Information Disclaimer:

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Date entered to WELL 19990219

APPENDIX V

INSURER'S ADVISORY ORGANIZATION SEARCH



INSURERS' ADVISORY ORGANIZATION INC.
A Subsidiary of Underwriters Adjustment Bureau Ltd.

British Columbia and Yukon Division
Vancouver Office

840 Howe Street, Suite 400
Box 39
Vancouver, British Columbia
V6Z 2M7

Telephone: (604) 684-1581
Toll-Free: 1-800-665-5661
Fax: (604) 688-6986
Website: www.iao.ca

October 10, 2003

Simone Mol
Golder Associates Ltd
#500 - 4260 Still Creek Drive
Burnaby, BC
V5C 6C6

Address: 6947 Lougheed Hwy, Agassiz, BC
Project #: 03-1412-127

Dear Simone,

As requested, we have searched our records concerning the above site and no Fire Insurance Maps or IAO insurance reports were found. A \$ 25.00 research fee for conducting the search will be applied. Our invoice will follow shortly.

Thank you for employing the services of the IAO.

Sincerely,

A handwritten signature in black ink, appearing to read 'D.C. Brazeau', written over a horizontal line.

Douglas C. Brazeau
Environmental Consultant
IAO (Vancouver)



INSURERS' ADVISORY ORGANIZATION INC.
A Subsidiary of Underwriters Adjustment Bureau Ltd

British Columbia and Yukon Division
Vancouver Office

840 Howe Street, Suite 400
Box 39
Vancouver, British Columbia
V6Z 2M7

Telephone: (604) 684-1581
Toll-Free: 1-800-665-5661
Fax: (604) 688-6986
Website: www.iao.ca

November 26, 2003

Simone Mol
Golder Associates Ltd
#500 - 4260 Still Creek Drive
Burnaby, BC
V5C 6C6

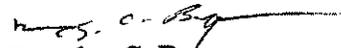
Address: 510 Clearbrook Road, Abbotsford, BC
Project #: 03-1412-127

Dear Simone,

As requested, we have searched our records concerning the above site and no Fire Insurance Maps or IAO insurance reports were found. A \$ 25.00 research fee for conducting the search will be applied. Our invoice will follow shortly.

Thank you for employing the services of the IAO.

Sincerely,


Douglas C. Brazeau
Environmental Consultant
IAO (Vancouver)

Handwritten note: 6066635



INSURERS' ADVISORY ORGANIZATION INC.
A Subsidiary of Underwriters Adjustment Bureau Ltd.

British Columbia and Yukon Division
Vancouver Office

840 Howe Street, Suite 400
Box 39
Vancouver, British Columbia
V6Z 2M7

Telephone: (604) 684-1581
Toll-Free: 1-800-665-5661
Fax: (604) 688-6986
Website: www.iao.ca

April 29, 2004

Simone Mol
Golder Associates Ltd
#500 - 4260 Still Creek Drive
Burnaby, BC
V5C 6C6

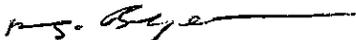
Address: 31790 Wamsley Avenue, Abbotsford, BC
Project #: N/A

Dear Simone,

As requested, we have searched our records concerning the above site and no Fire Insurance Maps or IAO insurance reports were found. No research fee will be applied for conducting this search.

Thank you for employing the services of the IAO.

Sincerely,


Douglas C. Brazeau
Environmental Consultant
IAO (Vancouver)

APPENDIX VI
ENVIRONMENT CANADA RESPONSE



Simone Mol
Golder Associates Ltd.
#500 - 4260 Still Creek Drive
Burnaby, B.C. V5C 6C6

RECEIVED FEB 9 - 2004

OUR FILE: 4706-4-1

November 12, 2003

Dear Simone Mol:

RE: INFORMATION SEARCH on Agriculture Canada + Agassiz Research Station + Agriculture & Agrisood Canada + Canada Department of Agriculture + Department of Agriculture at

- 6947 Lougheed Highway, Agassiz, BC, and
- 510 Clearbrook Road, Abbotsford, BC, and
- 3179 Walmsley Avenue, Abbotsford, BC.

I am writing in response to your letter of November 3rd, 2003 (Job No: 03-1412-127).

We searched our records for files under the names of Agriculture Canada + Agassiz Research Station + Agriculture & Agrisood Canada + Canada Department of Agriculture + Department of Agriculture only.

Our search included:

- 1) Company notification to Environment Canada of PCB storage in British Columbia - our database includes # reports of PCB's in use,
- 2) Inspections records in British Columbia of non-compliance with the acts and regulations administered by Environment Canada (*C.E.P.A.* and the pollution provisions of the *Fisheries Act*),
- 3) Reports of any spills that may be connected with the company (our Spills Database has a record of reported spills between December 1983 and present in British Columbia).

The records in the Pacific and Yukon Region indicated no significant problems in the above areas.

Other than permits issued by the Ministry of Water, Land and Air Protection, I do not know if any permits, approvals or orders have been issued under other federal or provincial legislation by other government departments.

While the above information is correct and accurate to the best of our knowledge, it is the responsibility of the land owner/occupant to ensure compliance with all applicable regulations. Accordingly, this letter is written without prejudice to any future action which may be required for protection of public health and the environment.

Yours truly,

Bev Defehr
Enforcement and Emergencies Division
Environmental Protection Branch
(604) 666-6201

EcoLogo® Paper / Papier Eco-Logo®



APPENDIX VII
BC SITE REGISTRY SEARCH

As of: OCT 05, 2003 BC Online: Site Registry 03-10-09
Folio: 03-1412-127 For: PA59614 GOLDER ASSOCIATES LTD. (BURNABY) 14:01:44
Page 1

Synopsis Report

SITE LOCATION

Site ID: 1032 Latitude: 49d 14m 09.8s
Victoria File: 26250-20/0650 Longitude: 121d 45m 40.3s
Regional File: 26250-20/0149
Region: SURREY, LOWER MAINLAND

Common Name:
Site Address: 1756 HIGHWAY 9
City: AGASSIZ Prov/State: BC
Postal Code:

Registered: MAY 30, 1998 Updated: JAN 31, 2003 Detail Removed: JAN 31, 2003

Notations: 5 Participants: 10 Associated Sites: 0
Documents: 7 Susp. Land Use: 2 Parcel Descriptions: 0

Location Description: LAT/LONG DERIVED BY DGPS WITH DCI/FM RTCM - FEB.6,1997

Status: ACTIVE - UNDER ASSESSMENT
Fee category: UNRANKED

No Site Profile has been submitted for this site

End of Synopsis Report

As of: OCT 05, 2003 BC Online: Site Registry 03-10-09
For: PA59614 GOLDER ASSOCIATES LTD. (BURNABY) 14:01:44
Folio: 03-1412-127 Page 1

Synopsis Report

SITE LOCATION

Site ID: 1032 Latitude: 49d 14m 09.8s
Victoria File: 26250-20/0650 Longitude: 121d 45m 40.3s
Regional File: 26250-20/0149
Region: SURREY, LOWER MAINLAND

Common Name:
Site Address: 1756 HIGHWAY 9
City: AGASSIZ Prov/State: BC
Postal Code:

Registered: MAY 30, 1998 Updated: JAN 31, 2003 Detail Removed: JAN 31, 2003

Notations: 5 Participants: 10 Associated Sites: 0
Documents: 7 Susp. Land Use: 2 Parcel Descriptions: 0

Location Description: LAT/LONG DERIVED BY DGPS WITH DCI/FM RTCM - FEB.6,1997

Status: ACTIVE - UNDER ASSESSMENT
Fee category: UNRANKED

No Site Profile has been submitted for this site

End of Synopsis Report

As Of: NOV 16, 2003

BC Online: Site Registry

03/11/17

For: PA59614 GOLDER ASSOCIATES LTD. (BURNABY)

10:55:09

Folio: 031412127

Page 1

Area Nil Search

As of NOV 16, 2003, no records from the B.C. Environment Site Registry fall within 0.5 kilometers of coordinates

Latitude 49 degrees, 0 minutes, 45.8 seconds, and
Longitude 122 degrees, 20 minutes, 15.4 seconds.

Sites may be revealed by searching with alternate search methods. For example, a site not revealed in an Area search may be revealed by searching with another piece of information such as PID, PIN, address or Crown Lands File Number

As Of: NOV 16, 2003

BC Online: Site Registry

03/11/17

Folio: 031412127

For: PA59614 GOLDER ASSOCIATES LTD. (BURNABY)

10:58:15

Page 1

Area Nil Search

As of NOV 16, 2003, no records from the B.C. Environment Site Registry fall within 0.5 kilometers of coordinates

Latitude 49 degrees, 1 minutes, 25.7 seconds, and

Longitude 122 degrees, 20 minutes, 46.7 seconds.

Sites may be revealed by searching with alternate search methods. For example, a site not revealed in an Area search may be revealed by searching with another piece of information such as PID, PIN, address or Crown Lands File Number

APPENDIX VIII
SITE RECONNAISSANCE PHOTOGRAPHS



PHOTOGRAPH 1

Administration/laboratory building.



PHOTOGRAPH 2

Poultry house.

Golder Associates



PHOTOGRAPH 3

Chemical Storage Area.



PHOTOGRAPH 4

Cow barn (new).

Golder Associates



PHOTOGRAPH 5

Cow barn.



PHOTOGRAPH 6

Manure facility.

Golder Associates



PHOTOGRAPH 7

Pesticide building.



PHOTOGRAPH 8

Waste pesticide AST.

Golder Associates



PHOTOGRAPH 9

Feed mill.



PHOTOGRAPH 10

Location of former Hydrochloric Acid AST.

Golder Associates



PHOTOGRAPH 11

Compost facility.



PHOTOGRAPH 12

Equipment Maintenance.

Golder Associates



PHOTOGRAPH 13

Fuel and oil storage.



PHOTOGRAPH 14

Implement shed.
Golder Associates



PHOTOGRAPH 15

Carpenter shop, Entomology laboratory, and Post Harvest Physiology laboratory.



PHOTOGRAPH 16

Sewerage treatment facility (Farm 2).

Golder Associates



PHOTOGRAPH 17

Sludge stockpile (Farm 2).



PHOTOGRAPH 18

Equipment storage shed and AST.



PHOTOGRAPH 19

Inside equipment storage shed.

Golder Associates



PHOTOGRAPH 20

House, AST, storage shed.



PHOTOGRAPH 21

Equipment storage shed.



PHOTOGRAPH 22

Inside equipment storage shed.

Golder Associates



PHOTOGRAPH 23

Pesticide, fertilizer and paint shed.



PHOTOGRAPH 24

Inside pesticide, fertilizer and paint shed.

Golder Associates



PHOTOGRAPH 25

Screenhouse, former fuel shed and storage shed.



PHOTOGRAPH 26

Pumphouse and weather station.

APPENDIX IX

**BOREHOLE LOGS AND MONITORING
WELL INSTALLATION DETAILS**

DEPTH SCALE METRES	BORING METHOD	SOIL PROFILE			SAMPLES					OVM ppm	OVM ppm	ADDITIONAL LAB. TESTING	PIEZOMETER OR STANDPIPE INSTALLATION					
		DESCRIPTION	STRATA PLOT	ELEV. DEPTH (m)	NUMBER	TYPE	BLOWS/0.3m	CORE No.	CORE RECOVERY %					OVM ppm				
														5	10	15	20	
0		Ground Surface		0.00														
1	Sonic Drilling Ltd. 152mm O.D. Sonic Drilling	Firm, moist, brown, coarse gravelly SILT, some cobbles. - no odours.	1	CC				100	⊕									
2										1.22	1	100	⊕					
3		Loose, moist, brown, medium SAND and rounded GRAVEL, some small cobbles. - no odours. - below 3.05m depth: cobbly.	3	CC					100	⊕								
4											3.66	2	100	⊕				
5											4	CC						
6		Compact, wet, brown, coarse SAND, some cobbles. - no odours.	5	CC					100	⊕								
7											3	100	⊕					
8		6	CC					100	⊕									
9										8.53	7	CC						
10		Dense, wet, grey GRAVEL, some coarse sand, some cobbles. - no odours.	7	CC				100	⊕									
11										10.06								
12	End of MONITORING WELL.																	
13																		
14																		
15																		

ENVIROLOG 03-1412-127.GPJ GLDR_CAN.GDT 7/5/04

DEPTH SCALE METRES	BORING METHOD	SOIL PROFILE			SAMPLES				OVM ppm				ADDITIONAL LAB. TESTING	PIEZOMETER OR STANDPIPE INSTALLATION	
		DESCRIPTION	STRATA PLOT	ELEV.	NUMBER	TYPE	BLOWS/0.3m	CORE No.	CORE RECOVERY %	5	10	15			20
				DEPTH (m)						OVM ppm					
0		Ground Surface		0.00											
1		Firm, moist, brown SILT, trace fine sand. - no odours.			1	CC			⊕						Concrete. Silica Sand
2		Compact, damp, brown, medium, gravelly SAND, occasional cobbles. - no odours. - below 2.13m depth: light grey.		1.22			1	100							Bentonite Seal
3		Compact, wet, grey-brown, medium to coarse SAND and GRAVEL, occasional cobbles. - no odours.		2.44			3		⊕						Cuttings
4	3			2	100										
5	4			4		⊕									
6		Dense, wet, grey GRAVEL, some coarse sand, some cobbles. - below 7.32m depth: sandy.		5.49			3		⊕						Bentonite Seal
7			5		5	CC		3	100						10/20 Silica Sand
8			6		6	CC		4	100	⊕					
9		End of MONITORING WELL.		10.06											#10 Slotted Screen 50mm dia. Schedule 40 PVC Pipe
10															
11															
12															
13															
14															
15															

ENVIROLOG 03-1412-127.GPJ GLDR_CAN.GDT 7/5/04

DEPTH SCALE METRES	BORING METHOD	SOIL PROFILE		SAMPLES						OVM ppm	OVM ppm	ADDITIONAL LAB. TESTING	PIEZOMETER OR STANDPIPE INSTALLATION				
		DESCRIPTION	STRATA PLOT	ELEV. DEPTH (m)	NUMBER	TYPE	BLOWS/0.3m	CORE No.	CORE RECOVERY %					OVM ppm			
														5	10	15	20
0		Ground Surface		0.00													
1	Sonic Drilling Ltd. 152mm O.D. Sonic Drilling	Compact, moist, brown, fine SAND and GRAVEL, occasional cobbles. - no odours. - below 0.9m depth: dry, light grey and brown, no cobbles.		1	CC		1	100	⊕							Concrete. Silica Sand	
2				2	CC				⊕					Bentonite Seal			
3		Dense, wet, grey, coarse, sandy GRAVEL, occasional cobbles. - no odours.		2.44													
4				3	CC				⊕					Cuttings			
5		Dense, wet, grey, coarse SAND and GRAVEL, occasional cobbles. - no odours.		3.66													
6				4	CC				⊕								
7		Dense, wet, grey, coarse, sandy GRAVEL, occasional cobbles. - no odours.		6.10													Bentonite Seal
8	5			CC				⊕					10/20 Silica Sand				
9	Dense, wet, grey, coarse, sandy GRAVEL, occasional cobbles. - no odours.			6	CC				⊕							#10 Slotted Screen 50mm dia. Schedule 40 PVC Pipe	
10			7	CC				4	100	⊕							
10	End of MONITORING WELL.		10.06														
11																	
12																	
13																	
14																	
15																	

ENVIROLOG 03-1412-127.GPJ GLDR_CAN.GDT 7/5/04



APPENDIX X
LABORATORY REPORTS

RECEIVED FEB 24 2004



ALS Environmental

CHEMICAL ANALYSIS REPORT

Date: February 19, 2004

ALS File No. T9344

Report On: 03-1412-127 Water Analysis

Report To: **Golder Associates Ltd.**
500 - 4260 Still Creek Drive
Burnaby, BC
V5C 6C6

Attention: **Ms. Simone Mol**

Received: February 6, 2004

ALS ENVIRONMENTAL

per:

Scott P. Hoekstra, B.Sc. - Project Chemist
Amber Springer, B.Sc. - Project Chemist

RESULTS OF ANALYSIS - Water



Sample ID	8588-01	8588-02	8588-03	8588-04	8588-05
Sample Date	04-02-05	04-02-05	04-02-05	04-02-05	04-02-05
ALS ID	1	2	3	4	5

Physical Tests

Colour	(CU)	-	-	-	-	-
Conductivity	(uS/cm)	-	-	-	-	-
Total Dissolved Solids		-	-	-	-	-
Hardness	CaCO3	-	-	-	-	70.8
pH		-	-	-	-	-
Turbidity	(NTU)	-	-	-	-	-

Nutrients

Nitrate Nitrogen	N	8.73	5.54	3.80	0.376	6.66
Nitrite Nitrogen	N	0.0024	<0.0010	<0.0010	<0.0010	0.0313

Results are expressed as milligrams per litre except where noted.
 < = Less than the detection limit indicated.
 VPH = Volatile Petroleum Hydrocarbons.
 EPH = Extractable Petroleum Hydrocarbons.
 EPH10-19 is equivalent to EHW10-19.
 LEPH & HEPH = Light and Heavy Extractable Petroleum Hydrocarbons.

File No. T9344

RESULTS OF ANALYSIS - Water



Sample ID 8588-05
Sample Date 04-02-05
ALS ID 5

Dissolved Metals

Aluminum	D-Al	0.0228
Antimony	D-Sb	<0.00050
Arsenic	D-As	<0.00050
Barium	D-Ba	0.028
Beryllium	D-Be	<0.0010
Boron	D-B	<0.10
Cadmium	D-Cd	0.000123
Calcium	D-Ca	19.3
Chromium	D-Cr	<0.0010
Cobalt	D-Co	0.00224
Copper	D-Cu	<0.0010
Iron	D-Fe	<0.030
Lead	D-Pb	<0.00050
Lithium	D-Li	<0.0050
Magnesium	D-Mg	5.50
Manganese	D-Mn	0.378
Mercury	D-Hg	<0.000050
Molybdenum	D-Mo	<0.0010
Nickel	D-Ni	0.0036
Potassium	D-K	4.0
Selenium	D-Se	<0.0010
Silver	D-Ag	<0.000020
Sodium	D-Na	3.8
Thallium	D-Tl	<0.00020
Tin	D-Sn	<0.00050
Titanium	D-Ti	<0.010
Uranium	D-U	<0.00020
Vanadium	D-V	<0.030
Zinc	D-Zn	<0.0050

Results are expressed as milligrams per litre except where noted.

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EPH = Extractable Petroleum Hydrocarbons.

EPH10-19 is equivalent to EHW10-19.

LEPH & HEPH = Light and Heavy Extractable Petroleum Hydrocarbons.

File No. T9344

RESULTS OF ANALYSIS - Water



Sample ID 8588-05

Sample Date 04-02-05
ALS ID 5

Non-Halogenated Volatiles

Benzene	<0.00050
Ethylbenzene	<0.00050
Styrene	<0.0010
Toluene	<0.0010
meta- & para-Xylene	<0.00050
ortho-Xylene	<0.00050
Total Xylenes	<0.0010
Volatile Hydrocarbons (VH6-10)	<0.10
VPH	<0.10

Polycyclic Aromatic Hydrocarbons

Acenaphthene	<0.000050
Acenaphthylene	<0.000050
Acridine	<0.000050
Anthracene	<0.000050
Benz(a)anthracene	<0.000050
Benzo(a)pyrene	<0.000010
Benzo(b)fluoranthene	<0.000050
Benzo(g,h,i)perylene	<0.000050
Benzo(k)fluoranthene	<0.000050
Chrysene	<0.000050
Dibenz(a,h)anthracene	<0.000050
Fluoranthene	<0.000050
Fluorene	<0.000050
Indeno(1,2,3-c,d)pyrene	<0.000050
Naphthalene	<0.000050
Phenanthrene	<0.000050
Pyrene	<0.000050
Quinoline	<0.000050

Extractable Hydrocarbons

EPH10-19	<0.30
EPH19-32	<1.0
LEPH	<0.30
HEPH	<1.0

Results are expressed as milligrams per litre except where noted.

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EPH10-19 is equivalent to EHW10-19.

LEPH & HEPH = Light and Heavy Extractable Petroleum Hydrocarbons.

File No. T9344

RESULTS OF ANALYSIS - Water



Sample ID 8588-05

Sample Date 04-02-05
ALS ID 5

Polychlorinated Biphenyls

Total Polychlorinated Biphenyls <0.0010

Organochlorine Pesticides

Aldrin	<0.000050
alpha-BHC	<0.000050
beta-BHC	<0.00010
delta-BHC	<0.000050
cis-Chlordane (alpha)	<0.000050
trans-Chlordane (gamma)	<0.000050
2,4'-DDD	<0.00010
4,4'-DDD	<0.000050
2,4'-DDE	<0.00010
4,4'-DDE	<0.000050
2,4'-DDT	<0.00010
4,4'-DDT	<0.00010
Dieldrin	<0.000050
Endosulfan I	<0.000050
Endosulfan II	<0.000050
Endosulfan Sulfate	<0.000050
Endrin	<0.00020
Heptachlor	<0.00010
Heptachlor Epoxide	<0.000050
Lindane (gamma - BHC)	<0.000050
Methoxychlor	<0.00020
Mirex	<0.000050
cis-Nonachlor	<0.000050
trans-Nonachlor	<0.000050
Oxychlordane	<0.000050

Results are expressed as milligrams per litre except where noted.

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EPH10-19 is equivalent to EHw10-19.

LEPH & HEPH = Light and Heavy Extractable Petroleum Hydrocarbons.

RESULTS OF ANALYSIS - Water

Sample ID 8588-05
 Sample Date 04-02-05
 ALS ID 5

Organophosphate Pesticides

Azinphos methyl	<0.00050
Carbophenothion	<0.00050
Chlorpyrifos	<0.00050
Coumaphos	<0.00050
Diazinon	<0.00050
Dichlorvos/Naled	<0.00050
Dimethoate	<0.00050
Disulfoton	<0.00050
Ethion	<0.00050
Fenitrothion	<0.00050
Fensulfothion	<0.00050
Fenthion	<0.00050
Fonofos	<0.00050
Malathion	<0.00050
Mevinphos (Total)	<0.00050
Parathion	<0.00050
Parathion-methyl	<0.00050
Phorate	<0.00050
Phosalone	<0.00050
Phosmet	<0.00050
Terbufos	<0.00050

Results are expressed as milligrams per litre except where noted.

< = Less than the detection limit indicated.

VPH = Volatile Petroleum Hydrocarbons.

EPH = Extractable Petroleum Hydrocarbons.

EPH10-19 is equivalent to EHW10-19.

LEPH & HEPH = Light and Heavy Extractable Petroleum Hydrocarbons.

RESULTS OF ANALYSIS - Water

Sample ID			8588-06	8588-07	8588-08	8588-09	8588-10
Sample Date			04-02-05	04-02-05	04-02-05	04-02-05	04-02-05
ALS ID			6	7	8	9	10
Physical Tests							
Colour	(CU)		-	-	-	<5.0	<5.0
Conductivity	(uS/cm)		-	-	-	262	285
Total Dissolved Solids			-	-	-	165	166
Hardness	CaCO3		24.9	78.9	-	135	144
pH			-	-	-	8.12	8.20
Turbidity	(NTU)		-	-	-	0.36	<0.10
Dissolved Anions							
Alkalinity-Total		CaCO3	-	-	-	116	137
Chloride	Cl		-	-	-	3.10	2.93
Fluoride	F		-	-	-	0.062	0.058
Sulphate	SO4		-	-	-	18.4	9.5
Nutrients							
Nitrate Nitrogen		N	3.31	3.65	3.70	<0.0050	0.564
Nitrite Nitrogen		N	0.0354	0.313	0.150	<0.0010	0.0329

Results are expressed as milligrams per litre except where noted.

< = Less than the detection limit indicated.

VPH = Volatile Petroleum Hydrocarbons.

EPH = Extractable Petroleum Hydrocarbons.

EPH10-19 is equivalent to EHw10-19.

LEPH & HEPH = Light and Heavy Extractable Petroleum Hydrocarbons.

RESULTS OF ANALYSIS - Water

Sample ID	8588-06	8588-07	8588-09	8588-10
Sample Date	04-02-05	04-02-05	04-02-05	04-02-05
ALS ID	6	7	9	10

Dissolved Metals

Aluminum	D-Al	0.112	0.0726	<0.0050	<0.0050
Antimony	D-Sb	<0.00050	<0.00050	<0.00050	<0.00050
Arsenic	D-As	<0.00050	<0.00050	0.00378	0.00407
Barium	D-Ba	0.035	0.113	0.042	0.042
Beryllium	D-Be	<0.0010	<0.0010	<0.0010	<0.0010
Boron	D-B	<0.10	<0.10	<0.10	<0.10
Cadmium	D-Cd	0.000114	0.000337	<0.000050	<0.000050
Calcium	D-Ca	7.06	22.8	39.8	41.6
Chromium	D-Cr	<0.0010	<0.0010	<0.0010	<0.0010
Cobalt	D-Co	0.00203	0.00935	0.00083	0.00064
Copper	D-Cu	<0.0010	<0.0010	<0.0010	<0.0010
Iron	D-Fe	0.055	2.16	0.030	<0.030
Lead	D-Pb	<0.00050	<0.00050	<0.00050	<0.00050
Lithium	D-Li	<0.0050	<0.0050	<0.0050	<0.0050
Magnesium	D-Mg	1.76	5.32	8.65	9.62
Manganese	D-Mn	0.397	1.85	0.387	0.953
Mercury	D-Hg	<0.000050	<0.000050	<0.000050	<0.000050
Molybdenum	D-Mo	<0.0010	<0.0010	0.0015	<0.0010
Nickel	D-Ni	0.0047	0.0071	<0.0010	<0.0010
Potassium	D-K	6.5	8.6	<2.0	2.7
Selenium	D-Se	<0.0010	<0.0010	<0.0010	<0.0010
Silver	D-Ag	<0.000020	<0.000020	<0.000020	<0.000020
Sodium	D-Na	3.6	4.4	3.7	3.4
Thallium	D-Tl	<0.00020	<0.00020	<0.00020	<0.00020
Tin	D-Sn	<0.00050	<0.00050	<0.00050	<0.00050
Titanium	D-Ti	<0.010	<0.010	<0.010	<0.010
Uranium	D-U	<0.00020	<0.00020	0.00021	<0.00020
Vanadium	D-V	<0.030	<0.030	<0.030	<0.030
Zinc	D-Zn	<0.0050	<0.0050	0.0259	0.0056

Results are expressed as milligrams per litre except where noted.

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VPH = Volatile Petroleum Hydrocarbons.

EPH = Extractable Petroleum Hydrocarbons.

EPH10-19 is equivalent to EHW10-19.

LEPH & HEPH = Light and Heavy Extractable Petroleum Hydrocarbons.

RESULTS OF ANALYSIS - Water

Sample ID	8588-06	8588-07
Sample Date	04-02-05	04-02-05
ALS ID	6	7

Non-Halogenated Volatiles

Benzene	<0.00050	<0.00050
Ethylbenzene	<0.00050	<0.00050
Styrene	<0.0010	<0.0010
Toluene	<0.0010	<0.0010
meta- & para-Xylene	<0.00050	<0.00050
ortho-Xylene	<0.00050	<0.00050
Total Xylenes	<0.0010	<0.0010
Volatile Hydrocarbons (VH6-10)	<0.10	<0.10
VPH	<0.10	<0.10

Polycyclic Aromatic Hydrocarbons

Acenaphthene	<0.000050	<0.000050
Acenaphthylene	<0.000050	<0.000050
Acridine	<0.000050	<0.000050
Anthracene	<0.000050	<0.000050
Benz(a)anthracene	<0.000050	<0.000050
Benzo(a)pyrene	<0.000010	<0.000010
Benzo(b)fluoranthene	<0.000050	<0.000050
Benzo(g,h,i)perylene	<0.000050	<0.000050
Benzo(k)fluoranthene	<0.000050	<0.000050
Chrysene	<0.000050	<0.000050
Dibenz(a,h)anthracene	<0.000050	<0.000050
Fluoranthene	<0.000050	<0.000050
Fluorene	<0.000050	<0.000050
Indeno(1,2,3-c,d)pyrene	<0.000050	<0.000050
Naphthalene	<0.000050	<0.000050
Phenanthrene	<0.000050	<0.000050
Pyrene	<0.000050	<0.000050
Quinoline	<0.000050	<0.000050

Extractable Hydrocarbons

EPH10-19	<0.30	<0.30
EPH19-32	<1.0	<1.0
LEPH	<0.30	<0.30
HEPH	<1.0	<1.0

Results are expressed as milligrams per litre except where noted.

< = Less than the detection limit indicated.

VPH = Volatile Petroleum Hydrocarbons.

EPH = Extractable Petroleum Hydrocarbons.

EPH10-19 is equivalent to EHW10-19.

LEPH & HEPH = Light and Heavy Extractable Petroleum Hydrocarbons.

RESULTS OF ANALYSIS - Water

Sample ID	8588-06	8588-07	8588-08	8588-09	8588-10
Sample Date	04-02-05	04-02-05	04-02-05	04-02-05	04-02-05
ALS ID	6	7	8	9	10

Polychlorinated Biphenyls

Total Polychlorinated Biphenyls	<0.0010	<0.0010	-	-	-
---------------------------------	---------	---------	---	---	---

Organochlorine Pesticides

Aldrin	<0.000050	<0.000050	<0.000050	<0.000050	<0.000050
alpha-BHC	<0.000050	<0.000050	<0.000050	<0.000050	<0.000050
beta-BHC	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010
delta-BHC	<0.000050	<0.000050	<0.000050	<0.000050	<0.000050
cis-Chlordane (alpha)	<0.000050	<0.000050	<0.000050	<0.000050	<0.000050
trans-Chlordane (gamma)	<0.000050	<0.000050	<0.000050	<0.000050	<0.000050
2,4'-DDD	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010
4,4'-DDD	<0.000050	<0.000050	<0.000050	<0.000050	<0.000050
2,4'-DDE	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010
4,4'-DDE	<0.000050	<0.000050	<0.000050	<0.000050	<0.000050
2,4'-DDT	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010
4,4'-DDT	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010
Dieldrin	<0.000050	<0.000050	<0.000050	<0.000050	<0.000050
Endosulfan I	<0.000050	<0.000050	<0.000050	<0.000050	<0.000050
Endosulfan II	<0.000050	<0.000050	<0.000050	<0.000050	<0.000050
Endosulfan Sulfate	<0.000050	<0.000050	<0.000050	<0.000050	<0.000050
Endrin	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020
Heptachlor	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010
Heptachlor Epoxide	<0.000050	<0.000050	<0.000050	<0.000050	<0.000050
Lindane (gamma - BHC)	<0.000050	<0.000050	<0.000050	<0.000050	<0.000050
Methoxychlor	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020
Mirex	<0.000050	<0.000050	<0.000050	<0.000050	<0.000050
cis-Nonachlor	<0.000050	<0.000050	<0.000050	<0.000050	<0.000050
trans-Nonachlor	<0.000050	<0.000050	<0.000050	<0.000050	<0.000050
Oxychlordane	<0.000050	<0.000050	<0.000050	<0.000050	<0.000050

Results are expressed as milligrams per litre except where noted.

< = Less than the detection limit indicated.

VPH = Volatile Petroleum Hydrocarbons.

EPH = Extractable Petroleum Hydrocarbons.

EPH10-19 is equivalent to EHW10-19.

LEPH & HEPH = Light and Heavy Extractable Petroleum Hydrocarbons.

RESULTS OF ANALYSIS - Water

Sample ID	8588-06	8588-07	8588-08	8588-09	8588-10
Sample Date	04-02-05	04-02-05	04-02-05	04-02-05	04-02-05
ALS ID	6	7	8	9	10
<u>Organophosphate Pesticides</u>					
Azinphos methyl	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050
Carbophenothion	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050
Chlorpyrifos	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050
Coumaphos	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050
Diazinon	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050
Dichlorvos/Naled	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050
Dimethoate	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050
Disulfoton	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050
Ethion	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050
Fenitrothion	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050
Fensulfothion	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050
Fenthion	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050
Fonofos	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050
Malathion	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050
Mevinphos (Total)	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050
Parathion	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050
Parathion-methyl	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050
Phorate	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050
Phosalone	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050
Phosmet	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050
Terbufos	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050

Results are expressed as milligrams per litre except where noted.

< = Less than the detection limit indicated.

VPH = Volatile Petroleum Hydrocarbons.

EPH = Extractable Petroleum Hydrocarbons.

EPH10-19 is equivalent to EHW10-19.

LEPH & HEPH = Light and Heavy Extractable Petroleum Hydrocarbons.

Appendix 1 - QUALITY CONTROL - Replicates



Water	8588-08	8588-08
	04-02-05	QC # 374346

Nutrients

Nitrate Nitrogen	N	3.70	3.70
Nitrite Nitrogen	N	0.150	0.150

Results are expressed as milligrams per litre except where noted.
< = Less than the detection limit indicated.
VPH = Volatile Petroleum Hydrocarbons.
EPH = Extractable Petroleum Hydrocarbons.
EPH10-19 is equivalent to EHw10-19.
LEPH & HEPH = Light and Heavy Extractable Petroleum Hydrocarbons.

Appendix 2 - METHODOLOGY



Outlines of the methodologies utilized for the analysis of the samples submitted are as follows

Dissolved Anions in Water by Ion Chromatography

This analysis is carried out using procedures adapted from APHA Method 4110 "Determination of Anions by Ion Chromatography" and EPA Method 300.0 "Determination of Inorganic Anions by Ion Chromatography". Anions are determined by filtering the sample through a 0.45 micron membrane filter and injecting the filtrate onto a Dionex IonPac AG17 anion exchange column with a hydroxide eluent stream. Anions routinely determined by this method include: bromide, chloride, fluoride, nitrate, nitrite and sulphate.

Recommended Holding Time:

Sample: 28 days (bromide, chloride, fluoride, sulphate)

Sample: 2 days (nitrate, nitrite)

Reference: APHA and EPA

For more detail see ALS Environmental "Collection & Sampling Guide"

Conventional Parameters in Water

These analyses are carried out in accordance with procedures described in "Methods for Chemical Analysis of Water and Wastes" (USEPA), "Manual for the Chemical Analysis of Water, Wastewaters, Sediments and Biological Tissues" (BCMOE), and/or "Standard Methods for the Examination of Water and Wastewater" (APHA). Further details are available on request.

Metals in Water

This analysis is carried out using procedures adapted from "Standard Methods for the Examination of Water and Wastewater" 20th Edition 1998 published by the American Public Health Association, and with procedures adapted from "Test Methods for Evaluating Solid Waste" SW-846 published by the United States Environmental Protection Agency (EPA). The procedures may involve preliminary sample treatment by acid digestion, using either hotplate or microwave oven, or filtration (EPA Method 3005A). Instrumental analysis is by atomic absorption/emission spectrophotometry (EPA Method 7000 series), inductively coupled plasma - optical emission spectrophotometry (EPA Method 6010B), and/or inductively coupled plasma - mass spectrometry (EPA Method 6020).

Recommended Holding Time:

Sample: 6 months

Reference: EPA

For more detail see: ALS "Collection & Sampling Guide"

Mercury in Water

This analysis is carried out using procedures adapted from "Standard Methods for the Examination of Water and Wastewater" 20th Edition 1998 published by the American Public Health Association, and with procedures



Appendix 2 - METHODOLOGY - Continued

adapted from "Test Methods for Evaluating Solid Waste" SW-846 published by the United States Environmental Protection Agency (EPA). The procedure involves a cold-oxidation of the acidified sample using bromine monochloride prior to reduction of the sample with stannous chloride. Instrumental analysis is by cold vapour atomic absorption and/or fluorescence spectrophotometry (EPA Method 7470A/7471A/245.7).

Recommended Holding Time:

Sample: 28 days

Reference: EPA

For more detail see ALS Environmental "Collection & Sampling Guide"

Volatile Organic Compounds and Volatile Hydrocarbons in Water

This procedure involves the purge and trap extraction of the sample prior to analysis for Volatile Hydrocarbons (VH) by capillary column gas chromatography with flame-ionization detection (GC/FID) and for specific Volatile Organic Compounds (VOC) by capillary column gas chromatography with mass spectrometric detection (GC/MS). The VH analysis is carried out in accordance with the British Columbia Ministry of Environment, Lands and Parks (BCMELP) Analytical Method for Contaminated Sites "Volatile Hydrocarbons in Water by GC/FID" (Version 2.1, July 1999). The VOC analysis is carried out using procedures adapted from "Test Methods for Evaluating Solid Waste" SW-846, Method 8260, published by the United States Environmental Protection Agency (EPA).

Note:

For chlorinated waters certain conditions may cause the formation of trihalomethanes after sample collection. Appropriate chemical treatment of chlorinated waters will prevent trihalomethane formation in the samples.

Recommended Holding Time:

Sample: 7 days (VH); 14 days (VOC)

Reference: BCWLAP (VH); EPA (VOC)

For more detail see ALS Environmental "Collection & Sampling Guide"

Calculation of Total Xylenes

Total Xylenes is the sum of the ortho, meta, and para Xylene isomer concentrations. It is calculated by adding the concentrations of all Xylene isomers that are greater than their detection limits. Results that are below detection limit are treated as zero. The detection limit for this parameter is equal to the sum of the detection limits of the individual xylene parameters.

Volatile Petroleum Hydrocarbons (VPH) in Water

These results are determined according to the British Columbia Ministry of Environment, Lands, and Parks Analytical Method for Contaminated Sites "Calculation of Volatile Petroleum Hydrocarbons in Solids or Water" (Version 2.1, July 20, 1999). According to this method, the concentrations



Appendix 2 - METHODOLOGY - Continued

of specific Monocyclic Aromatic Hydrocarbons (Benzene, Toluene, Ethylbenzene, and Xylenes) are subtracted from the collective concentration of Volatile Hydrocarbons (VH) that elute between n-hexane (nC6) and n-decane (nC10). Analysis of Volatile Hydrocarbons adheres to all prescribed elements of BCMELP method "Volatile Hydrocarbons in Water by GC/FID" (Version 2.1, July 20, 1999).

Recommended Holding Time: Not Applicable

Polycyclic Aromatic Hydrocarbons in Water

This analysis is carried out using procedures adapted from "Test Methods for Evaluating Solid Waste" SW-846, Methods 3510, 3630 & 8270, published by the United States Environmental Protection Agency (EPA). The procedure involves extraction of the entire water sample with dichloromethane. The extract is then solvent exchanged to toluene prior to analysis by capillary column gas chromatography with mass spectrometric detection (GC/MS).

Recommended Holding Time:

Sample: 7 days Extract: 40 days

Reference: EPA

For more detail see ALS Environmental "Collection & Sampling Guide"

Extractable Hydrocarbons in Water

This analysis is carried out in accordance with the British Columbia Ministry of Environment, Lands and Parks (BCMELP) Analytical Method for Contaminated Sites "Extractable Petroleum Hydrocarbons in Water by GC/FID" (Version 2.1, July 1999). The procedure involves extraction of the entire water sample with dichloromethane. The extract is then solvent exchanged to toluene and analysed by capillary column gas chromatography with flame ionization detection (GC/FID). EPH results include Polycyclic Aromatic Hydrocarbons (PAH) and are therefore not equivalent to Light and Heavy Extractable Petroleum Hydrocarbons (LEPH/HEPH).

Recommended Holding Time:

Sample: 7 days Extract: 40 days

Reference: BCMELP

For more detail see ALS Environmental "Collection & Sampling Guide"

Light and Heavy Extractable Petroleum Hydrocarbons in Water

These results are determined according to the British Columbia Ministry of Environment, Lands, and Parks Analytical Method for Contaminated Sites "Calculation of Light and Heavy Extractable Petroleum Hydrocarbons in Solids or Water". According to this method, LEPH and HEPH are calculated by subtracting selected Polynuclear Aromatic Hydrocarbon results from Extractable Petroleum Hydrocarbon results. To calculate LEPH, the individual results for Acenaphthene, Acridine, Anthracene, Fluorene, Naphthalene, and Phenanthrene are subtracted from EPH(C10-19). To calculate HEPH, the individual results for Benz(a)anthracene, Benzo(a)pyrene, Fluoranthene, and Pyrene are subtracted from EPH(C19-32).



Appendix 2 - METHODOLOGY - Continued

Analysis of Extractable Petroleum Hydrocarbons adheres to all prescribed elements of the BCMELP method "Extractable Petroleum Hydrocarbons in Water by GC/FID" (Version 2.1, July 20, 1999).

Recommended Holding Time: Not Applicable

Polychlorinated Biphenyls in Water

This analysis is carried out using procedures adapted from "Test Methods for Evaluating Solid Waste" SW-846, Methods 3510, 3620, 3660, 3665 & 8082, published by the United States Environmental Protection Agency (EPA). The procedure involves a liquid-liquid extraction of the entire water sample using dichloromethane. The extract is then solvent exchanged to hexane followed by one or more of the following clean-up procedures (if required): florisil clean-up, sulphur clean-up and/or sulphuric acid clean-up. The final extract is analysed by capillary column gas chromatography with electron capture detection (GC/ECD).

Recommended Holding Time:

Sample: 7 days Extract: 40 days

Reference: EPA

For more detail see ALS Environmental "Collection & Sampling Guide"

Organochlorine Pesticides in Water

This analysis is carried out using procedures adapted from "Test Methods for Evaluating Solid Waste" SW-846, Methods 3510, 3610, 3630, 3660 & 8081, published by the United States Environmental Protection Agency (EPA). The procedure involves extraction of the entire water sample with dichloromethane. The extract is then solvent exchanged to hexane followed by one or more of the following clean-up procedures (if required): alumina clean-up, silica gel clean-up and/or sulphur clean-up. The final extract is analysed by dual capillary column gas chromatography with electron capture detection (GC/ECD) and/or mass spectrometric detection (GC/MS).

Recommended Holding Time:

Sample: 7 days Extract: 40 days

Reference: EPA

For more detail see ALS Environmental "Collection & Sampling Guide"

Organophosphate Pesticides in Water

This analysis is carried out using procedures adapted from "Test Methods for Evaluating Solid Waste" SW-846, Methods 3510, 8141 & 8270 published by the United States Environmental Protection Agency (EPA). The procedure involves extraction of the entire water sample with dichloromethane. The extract is then solvent exchanged to hexane and analysed by capillary column gas chromatography with mass spectrometric detection (GC/MS).

Recommended Holding Time:

Sample: 7 days Extract: 40 days

Appendix 2 - METHODOLOGY - Continued



Reference: EPA

For more detail see ALS Environmental "Collection & Sampling Guide"

Colour in Water

This analysis is carried out using procedures adapted from APHA Method 2120 "Color". Colour (true colour) is determined by filtering a sample through a 0.45 micron membrane filter followed by analysis of the filtrate using the platinum-cobalt colourimetric method.

Recommended Holding Time:

Sample: 2 days

Reference: APHA

For more detail see ALS Environmental "Collection & Sampling Guide"

Conductivity in Water

This analysis is carried out using procedures adapted from APHA Method 2510 "Conductivity". Conductivity is determined using a conductivity electrode.

Recommended Holding Time:

Sample: 28 days

Reference: APHA

For more detail see ALS Environmental "Collection & Sampling Guide"

Solids in Water

This analysis is carried out using procedures adapted from APHA Method 2540 "Solids". Solids are determined gravimetrically. Total dissolved solids (TDS) and total suspended solids (TSS) are determined by filtering a sample through a glass fibre filter, TDS is determined by evaporating the filtrate to dryness at 180 degrees celsius, TSS is determined by drying the filter at 104 degrees celsius. Total solids are determined by evaporating a sample to dryness at 104 degrees celsius. Fixed and volatile solids are determined by igniting a dried sample residue at 550 degrees celsius.

Recommended Holding Time:

Sample: 7 days

Reference: APHA

For more detail see ALS Environmental "Collection & Sampling Guide"

pH in Water

This analysis is carried out using procedures adapted from APHA Method 4500-H "pH Value". The pH is determined in the laboratory using a pH electrode.

Recommended Holding Time:

Sample: 2 hours

Reference: APHA

File No. T9344

Appendix 2 - METHODOLOGY - Continued



For more detail see ALS Environmental "Collection & Sampling Guide"

Turbidity of Water

This analysis is carried out using procedures adapted from APHA Method 2130 "Turbidity". Turbidity is determined by the nephelometric method.

Recommended Holding Time:

Sample: 2 days

Reference: APHA

For more detail see ALS Environmental "Collection & Sampling Guide"

Alkalinity in Water by Colourimetry

This analysis is carried out using procedures adapted from EPA Method 310.2 "Alkalinity". Total Alkalinity is determined using the methyl orange colourimetric method.

Recommended Holding Time:

Sample: 14 days

Reference: APHA

For more detail see ALS Environmental "Collection & Sampling Guide"

Results contained within this report relate only to the samples as submitted.

This Chemical Analysis Report shall only be reproduced in full, except with the written approval of ALS Environmental.

End of Report

CHAIN OF CUSTODY RECORD/ANALYSIS REQUEST



500 - 4260 Still Creek Drive
 Burnaby, British Columbia, Canada V5C 6C6
 Telephone (604) 298-6623 Fax (604) 298-5253

Office the final reports should be sent to:

500-4260 Still Creek Dr.
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 Fax: (604) 298-5253

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 Tel: (604) 850-8786
 Fax: (604) 850-8756

220 - 174 Wilson Street
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 V9A 7N6
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Project Number: 03-142-177
 Laboratory Name: ALS
 Address: 1968 Fourth St
 Telephone/Fax: 604-298-4488
 Contact: Andy Spinger
 Golder Contact: Amy Robinson
 Golder E-mail Address: arobinson@golder.com

Sample Control Number (SCN)	Sample Matrix (over)	Date Sampled (D / M / Y)	Analyses Required										Remarks (over)	
			Number of Containers	Ntr/10-Uthale	Ps/10-ides	PCRS	NOTALS (5g)	BTX / VPH	ITR / IETH	EDACH/MS/10g	RUSH			
T9344	H ₂ O	05/02/04	1	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
8588 - 01				✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
8588 - 02				✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
8588 - 03				✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
8588 - 04				✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
8588 - 05				✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
8588 - 06				✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
8588 - 07				✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
8588 - 08				✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
8588 - 09				✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
8588 - 10				✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
- 11														
- 12														

Relinquished by: Signature [Signature] Company _____ Date _____
 Relinquished by: Signature _____ Company _____ Date _____
 Method of Shipment: _____ Waybill No.: _____
 Shipped by: _____ Shipment Condition: _____ Seal Intact: _____
 Received for Lab by: _____ Date _____
 Temp (°C) _____ Cooler opened by: LS Date 05/02/04
 Time _____ Company _____
 Time _____ Company _____
 Time _____ Date _____
 Time _____ Date _____

Comments: stored in ice



CHEMICAL ANALYSIS REPORT

Date: February 19, 2004

ALS File No. T9345

Report On: 03-1412-127 Soil/Water Analysis

Report To: **Golder Associates Ltd.**
500 - 4260 Still Creek Drive
Burnaby, BC
V5C 6C6

Attention: **Ms. Simone Mol**

Received: February 6, 2004

ALS ENVIRONMENTAL

per:

Scott P. Hoekstra, B.Sc. - Project Chemist
Amber Springer, B.Sc. - Project Chemist

RESULTS OF ANALYSIS - Sediment/Soil ¹

Sample ID		8589-01	8589-02	8589-03	8589-04	8589-05
Sample Date		04-02-05	04-02-05	04-02-05	04-02-05	04-02-05
ALS ID		1	2	3	4	5
Physical Tests						
Moisture	%	-	-	-	4.76	4.45
pH		6.41	8.24	8.18	5.81	5.94
Total Metals						
Antimony	T-Sb	<10	<10	<10	<10	<10
Arsenic	T-As	<5.0	<5.0	<5.0	7.6	5.7
Barium	T-Ba	171	108	111	75.4	72.3
Beryllium	T-Be	<0.50	<0.50	<0.50	<0.50	<0.50
Cadmium	T-Cd	0.76	<0.50	<0.50	2.01	1.57
Chromium	T-Cr	3.6	<2.0	<2.0	27.5	25.4
Cobalt	T-Co	<2.0	<2.0	<2.0	12.3	7.9
Copper	T-Cu	16.9	9.4	11.9	39.9	59.0
Lead	T-Pb	<50	<50	<50	<50	61
Mercury	T-Hg	<0.050	<0.050	<0.050	0.086	0.051
Molybdenum	T-Mo	<4.0	<4.0	5.7	<4.0	<4.0
Nickel	T-Ni	5.3	<5.0	<5.0	36.4	22.7
Selenium	T-Se	<2.0	<3.0	<2.0	<2.0	<2.0
Silver	T-Ag	<2.0	<2.0	<2.0	<2.0	<2.0
Tin	T-Sn	<5.0	<5.0	<5.0	<5.0	<5.0
Vanadium	T-V	5.5	2.2	3.0	39.6	43.1
Zinc	T-Zn	80.1	35.6	41.6	167	115

< = Less than the detection limit indicated.

EPH = Extractable Petroleum Hydrocarbons.

¹Results are expressed as milligrams per dry kilogram except where noted.

File No. T9345

RESULTS OF ANALYSIS - Sediment/Soil¹



Sample ID	8589-04	8589-05
Sample Date	04-02-05	04-02-05
ALS ID	4	5

Extractable Hydrocarbons

EPH10-19	240	<200
EPH19-32	1780	500

< = Less than the detection limit indicated.

EPH = Extractable Petroleum Hydrocarbons.

¹Results are expressed as milligrams per dry kilogram except where noted.

File No. T9345

RESULTS OF ANALYSIS - Water¹



Sample ID 8589-06

Sample Date 04-02-05
ALS ID 6

Physical Tests

Colour	(CU)	<5.0
Conductivity	(uS/cm)	271
Total Dissolved Solids		157
Hardness	CaCO3	90.5
pH		7.79
Turbidity	(NTU)	17.9

Dissolved Anions

Alkalinity-Total		CaCO3	39.6
Chloride	Cl		20.9
Fluoride	F		0.036
Sulphate	SO4		21.9

Nutrients

Nitrate Nitrogen	N	8.99
Nitrite Nitrogen	N	0.0060

< = Less than the detection limit indicated.
EPH = Extractable Petroleum Hydrocarbons.
¹Results are expressed as milligrams per litre except where noted.

RESULTS OF ANALYSIS - Water¹

Sample ID 8589-06

Sample Date 04-02-05
ALS ID 6**Dissolved Metals**

Aluminum	D-Al	<0.0050
Antimony	D-Sb	<0.00050
Arsenic	D-As	<0.00050
Barium	D-Ba	<0.020
Beryllium	D-Be	<0.0010
Boron	D-B	<0.10
Cadmium	D-Cd	0.000085
Calcium	D-Ca	26.9
Chromium	D-Cr	<0.0010
Cobalt	D-Co	0.00045
Copper	D-Cu	0.0048
Iron	D-Fe	0.626
Lead	D-Pb	<0.00050
Lithium	D-Li	<0.0050
Magnesium	D-Mg	5.67
Manganese	D-Mn	0.237
Mercury	D-Hg	<0.000050
Molybdenum	D-Mo	<0.0010
Nickel	D-Ni	0.0014
Potassium	D-K	<2.0
Selenium	D-Se	<0.0010
Silver	D-Ag	<0.000020
Sodium	D-Na	15.5
Thallium	D-Tl	<0.00020
Tin	D-Sn	<0.00050
Titanium	D-Ti	<0.010
Uranium	D-U	<0.00020
Vanadium	D-V	<0.030
Zinc	D-Zn	0.0955

< = Less than the detection limit indicated.

EPH = Extractable Petroleum Hydrocarbons.

¹Results are expressed as milligrams per litre except where noted.

File No. T9345

RESULTS OF ANALYSIS - Water¹



Sample ID 8589-06

Sample Date 04-02-05
ALS ID 6

Organochlorine Pesticides

Aldrin	<0.000050
alpha-BHC	<0.000050
beta-BHC	<0.00010
delta-BHC	<0.000050
cis-Chlordane (alpha)	<0.000050
trans-Chlordane (gamma)	<0.000050
2,4'-DDD	<0.00010
4,4'-DDD	<0.000050
2,4'-DDE	<0.00010
4,4'-DDE	<0.000050
2,4'-DDT	<0.00010
4,4'-DDT	<0.00010
Dieldrin	<0.000050
Endosulfan I	<0.000050
Endosulfan II	<0.000050
Endosulfan Sulfate	<0.000050
Endrin	<0.00020
Heptachlor	<0.00010
Heptachlor Epoxide	<0.000050
Lindane (gamma - BHC)	<0.000050
Methoxychlor	<0.00020
Mirex	<0.000050
cis-Nonachlor	<0.000050
trans-Nonachlor	<0.000050
Oxychlordane	<0.000050

< = Less than the detection limit indicated.

EPH = Extractable Petroleum Hydrocarbons.

¹Results are expressed as milligrams per litre except where noted.

File No. T9345

RESULTS OF ANALYSIS - Water¹



Sample ID 8589-06

Sample Date 04-02-05
ALS ID 6

Organophosphate Pesticides

Azinphos methyl	<0.00050
Carbophenothion	<0.00050
Chlorpyrifos	<0.00050
Coumaphos	<0.00050
Diazinon	<0.00050
Dichlorvos/Naled	<0.00050
Dimethoate	<0.00050
Disulfoton	<0.00050
Ethion	<0.00050
Fenitrothion	<0.00050
Fensulfothion	<0.00050
Fenthion	<0.00050
Fonofos	<0.00050
Malathion	<0.00050
Mevinphos (Total)	<0.00050
Parathion	<0.00050
Parathion-methyl	<0.00050
Phorate	<0.00050
Phosalone	<0.00050
Phosmet	<0.00050
Terbufos	<0.00050

< = Less than the detection limit indicated.

EPH = Extractable Petroleum Hydrocarbons.

¹Results are expressed as milligrams per litre except where noted.

Appendix 1 - QUALITY CONTROL - Replicates



Sediment/Soil ¹	8589-05	8589-05
	04-02-05	QC # 374347

Physical Tests

Moisture	%	4.45	4.78
pH		5.94	5.92

Total Metals

Antimony	T-Sb	<10	<10
Arsenic	T-As	5.7	5.3
Barium	T-Ba	72.3	64.6
Beryllium	T-Be	<0.50	<0.50
Cadmium	T-Cd	1.57	1.39
Chromium	T-Cr	25.4	23.2
Cobalt	T-Co	7.9	6.9
Copper	T-Cu	59.0	50.2
Lead	T-Pb	61	58
Mercury	T-Hg	0.051	0.061
Molybdenum	T-Mo	<4.0	<4.0
Nickel	T-Ni	22.7	19.2
Selenium	T-Se	<2.0	<2.0
Silver	T-Ag	<2.0	<2.0
Tin	T-Sn	<5.0	<5.0
Vanadium	T-V	43.1	35.7
Zinc	T-Zn	115	98.2

Extractable Hydrocarbons

EPH10-19	<200	<200
EPH19-32	500	360

< = Less than the detection limit indicated.
 EPH = Extractable Petroleum Hydrocarbons.
 Results are expressed as milligrams per dry kilogram except where noted.

Appendix 2 - METHODOLOGY



Outlines of the methodologies utilized for the analysis of the samples submitted are as follows

pH in Soil

This analysis is carried out in accordance with procedures described in "Soil Sampling and Methods of Analysis" (CSSS). The procedure involves mixing the air-dried sample with deionized/distilled water. The pH of the solution is then measured using a standard pH probe. A one to two ratio of sediment to water is used for mineral soils and a one to ten ratio is used for highly organic soils.

Metals in Sediment/Soil

This analysis is carried out using procedures from CSR Analytical Method 8 "Strong Acid Leachable Metals (SALM) in Soil", BC Ministry of Environment, Lands and Parks, 26 June 2001, and procedures adapted from "Test Methods for Evaluating Solid Waste", SW-846 Method 3050B or Method 3051, United States Environmental Protection Agency (EPA). The sample is manually homogenized, dried at 60 degrees Celsius, sieved through a 2 mm (10 mesh) sieve, and a representative subsample of the dry material is weighed. The sample is then digested at 90 degrees Celsius for 2 hours by either hotplate or block digester using a 1:1 ratio of concentrated nitric and hydrochloric acids. Instrumental analysis is by atomic absorption/fluorescence spectrophotometry (EPA Method 7000 series), inductively coupled plasma - optical emission spectrophotometry (EPA Method 6010B), and/or inductively coupled plasma - mass spectrometry (EPA Method 6020).

Method Limitation: This method is not a total digestion technique. It is a very strong acid digestion that is intended to dissolve those metals that may be environmentally available. By design, elements bound in silicate structures are not normally dissolved by this procedure as they are not usually mobile in the environment.

Recommended Holding Time:

Sample:	6 months (Hg = 28 days)
Extract:	6 months (Hg = 28 days, Sb & Sn = 7 days)
Reference:	BCMELP

For more detail see ALS Environmental "Collection & Sampling Guide"

Moisture in Sediment/Soil

This analysis is carried out gravimetrically by drying the sample at 103 C for a minimum of six hours.

Recommended Holding Time:

Sample:	14 days
Reference:	Puget

For more detail see ALS Environmental "Collection & Sampling Guide"



Extractable Hydrocarbons in Sediment/Soil

This analysis is carried out in accordance with the British Columbia Ministry of Environment, Lands and Parks (BCMELP) Analytical Method for Contaminated Sites "Extractable Petroleum Hydrocarbons in Solids by GC/FID, Version 2.1 July 1999". The procedure uses an automated system (Accelerated Solvent Extractor - ASE) to extract a subsample of the sediment/soil with a 1:1 mixture of hexane and acetone at high temperature and pressure. The extract is then solvent exchanged to toluene and analysed by capillary column gas chromatography with flame ionization detection (GC/FID). EPH results include Polycyclic Aromatic Hydrocarbons (PAH) and are therefore not equivalent to Light and Heavy Extractable Petroleum Hydrocarbons (LEPH/HEPH).

Recommended Holding Time:

Sample: 14 days Extract: 40 days

Reference: BCMELP

For more detail see ALS Environmental "Collection & Sampling Guide"

Colour in Water

This analysis is carried out using procedures adapted from APHA Method 2120 "Color". Colour (true colour) is determined by filtering a sample through a 0.45 micron membrane filter followed by analysis of the filtrate using the platinum-cobalt colourimetric method.

Recommended Holding Time:

Sample: 2 days

Reference: APHA

For more detail see ALS Environmental "Collection & Sampling Guide"

Conductivity in Water

This analysis is carried out using procedures adapted from APHA Method 2510 "Conductivity". Conductivity is determined using a conductivity electrode.

Recommended Holding Time:

Sample: 28 days

Reference: APHA

For more detail see ALS Environmental "Collection & Sampling Guide"

Solids in Water

This analysis is carried out using procedures adapted from APHA Method 2540 "Solids". Solids are determined gravimetrically. Total dissolved solids (TDS) and total suspended solids (TSS) are determined by filtering a sample through a glass fibre filter, TDS is determined by evaporating the filtrate to dryness at 180 degrees celsius, TSS is determined by drying the filter at 104 degrees celsius. Total solids are determined by evaporating a sample to dryness at 104 degrees celsius. Fixed and volatile solids are determined by igniting a dried sample residue at 550 degrees celsius.



Recommended Holding Time:

Sample: 7 days

Reference: APHA

For more detail see ALS Environmental "Collection & Sampling Guide"

Conventional Parameters in Water

These analyses are carried out in accordance with procedures described in "Methods for Chemical Analysis of Water and Wastes" (USEPA), "Manual for the Chemical Analysis of Water, Wastewaters, Sediments and Biological Tissues" (BCMOE), and/or "Standard Methods for the Examination of Water and Wastewater" (APHA). Further details are available on request.

pH in Water

This analysis is carried out using procedures adapted from APHA Method 4500-H "pH Value". The pH is determined in the laboratory using a pH electrode.

Recommended Holding Time:

Sample: 2 hours

Reference: APHA

For more detail see ALS Environmental "Collection & Sampling Guide"

Turbidity of Water

This analysis is carried out using procedures adapted from APHA Method 2130 "Turbidity". Turbidity is determined by the nephelometric method.

Recommended Holding Time:

Sample: 2 days

Reference: APHA

For more detail see ALS Environmental "Collection & Sampling Guide"

Alkalinity in Water by Colourimetry

This analysis is carried out using procedures adapted from EPA Method 310.2 "Alkalinity". Total Alkalinity is determined using the methyl orange colourimetric method.

Recommended Holding Time:

Sample: 14 days

Reference: APHA

For more detail see ALS Environmental "Collection & Sampling Guide"

**Dissolved Anions in Water by Ion Chromatography**

This analysis is carried out using procedures adapted from APHA Method 4110 "Determination of Anions by Ion Chromatography" and EPA Method 300.0 "Determination of Inorganic Anions by Ion Chromatography". Anions are determined by filtering the sample through a 0.45 micron membrane filter and injecting the filtrate onto a Dionex IonPac AG17 anion exchange column with a hydroxide eluent stream. Anions routinely determined by this method include: bromide, chloride, fluoride, nitrate, nitrite and sulphate.

Recommended Holding Time:

Sample: 28 days (bromide, chloride, fluoride, sulphate)

Sample: 2 days (nitrate, nitrite)

Reference: APHA and EPA

For more detail see ALS Environmental "Collection & Sampling Guide"

Metals in Water

This analysis is carried out using procedures adapted from "Standard Methods for the Examination of Water and Wastewater" 20th Edition 1998 published by the American Public Health Association, and with procedures adapted from "Test Methods for Evaluating Solid Waste" SW-846 published by the United States Environmental Protection Agency (EPA). The procedures may involve preliminary sample treatment by acid digestion, using either hotplate or microwave oven, or filtration (EPA Method 3005A). Instrumental analysis is by atomic absorption/emission spectrophotometry (EPA Method 7000 series), inductively coupled plasma - optical emission spectrophotometry (EPA Method 6010B), and/or inductively coupled plasma - mass spectrometry (EPA Method 6020).

Recommended Holding Time:

Sample: 6 months

Reference: EPA

For more detail see: ALS "Collection & Sampling Guide"

Mercury in Water

This analysis is carried out using procedures adapted from "Standard Methods for the Examination of Water and Wastewater" 20th Edition 1998 published by the American Public Health Association, and with procedures adapted from "Test Methods for Evaluating Solid Waste" SW-846 published by the United States Environmental Protection Agency (EPA). The procedure involves a cold-oxidation of the acidified sample using bromine monochloride prior to reduction of the sample with stannous chloride. Instrumental analysis is by cold vapour atomic absorption and/or fluorescence spectrophotometry (EPA Method 7470A/7471A/245.7).

Recommended Holding Time:

Sample: 28 days

Reference: EPA

For more detail see ALS Environmental "Collection & Sampling Guide"



Organochlorine Pesticides in Water

This analysis is carried out using procedures adapted from "Test Methods for Evaluating Solid Waste" SW-846, Methods 3510, 3610, 3630, 3660 & 8081, published by the United States Environmental Protection Agency (EPA). The procedure involves extraction of the entire water sample with dichloromethane. The extract is then solvent exchanged to hexane followed by one or more of the following clean-up procedures (if required): alumina clean-up, silica gel clean-up and/or sulphur clean-up. The final extract is analysed by dual capillary column gas chromatography with electron capture detection (GC/ECD) and/or mass spectrometric detection (GC/MS).

Recommended Holding Time:

Sample: 7 days Extract: 40 days

Reference: EPA

For more detail see ALS Environmental "Collection & Sampling Guide"

Organophosphate Pesticides in Water

This analysis is carried out using procedures adapted from "Test Methods for Evaluating Solid Waste" SW-846, Methods 3510, 8141 & 8270 published by the United States Environmental Protection Agency (EPA). The procedure involves extraction of the entire water sample with dichloromethane. The extract is then solvent exchanged to hexane and analysed by capillary column gas chromatography with mass spectrometric detection (GC/MS).

Recommended Holding Time:

Sample: 7 days Extract: 40 days

Reference: EPA

For more detail see ALS Environmental "Collection & Sampling Guide"

Results contained within this report relate only to the samples as submitted.

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End of Report

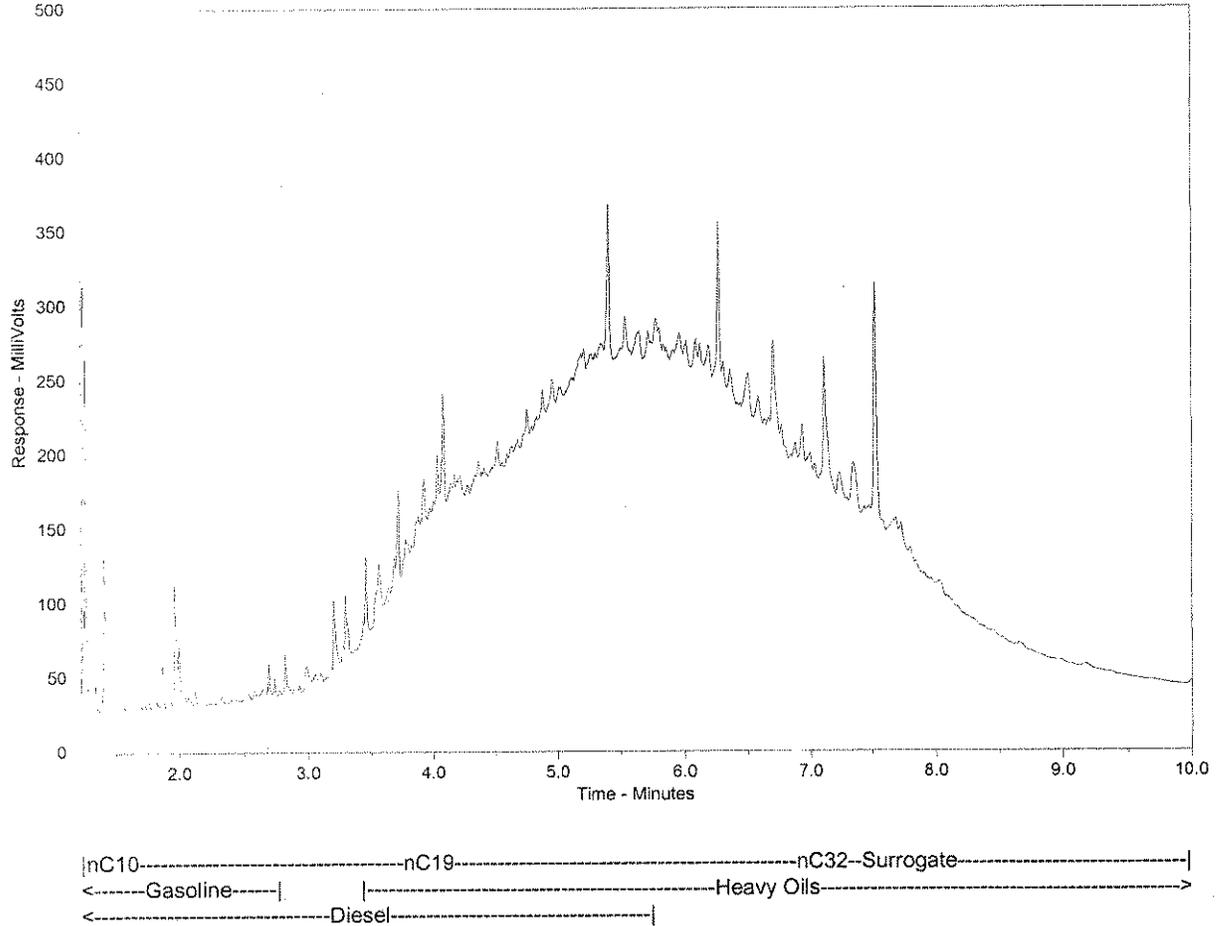
ALS Environmental - Hydrocarbon Distribution Report

Client Sample ID:

ALS Sample ID: T9345-T--4

File Name: i:\Chrom\gc22\data\gc22_09febB.0011.RAW

Run Information: Acquired on GC22, 2/9/2004 6:40:59 PM



Sample Amount = 10.1 (g or mL)

Dilution Factor = 10.0

The Hydrocarbon Distribution Report is intended to assist you in characterizing hydrocarbon products that may be present in your sample. For further interpretation, a current library of reference products is available upon request.

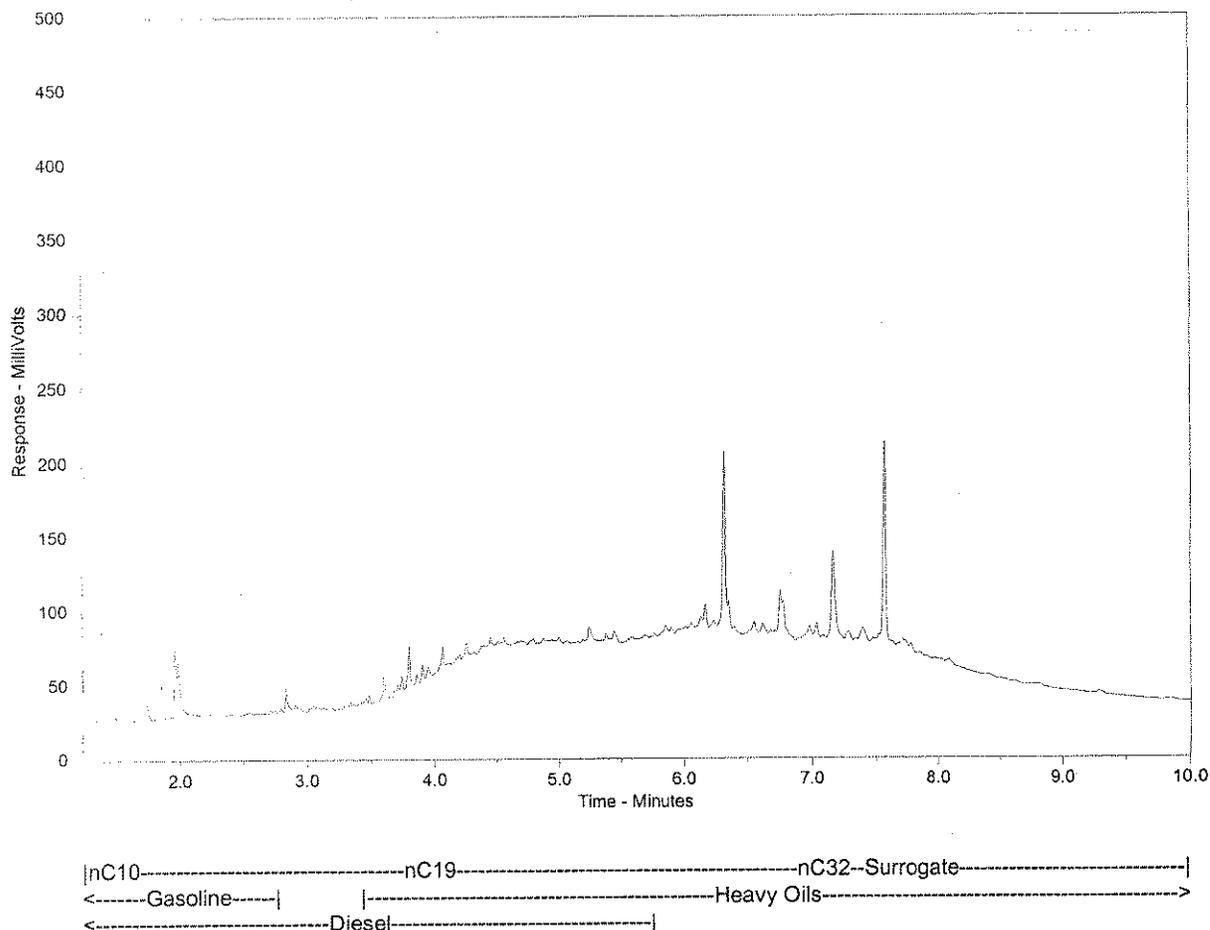
The scale at the bottom of the chromatogram indicates the approximate retention times of common petroleum products, and three n-alkane hydrocarbon marker compounds. Depending on the amount of hydrocarbons present in the sample, a C35 surrogate compound may be visible. Surrogate compounds are added to all samples as a component of quality control.

Peak heights in this report are a function of the sample concentration, the sample amount extracted, the sample dilution factor, and the response scale at the left.

ALS Environmental - Hydrocarbon Distribution Report**Client Sample ID:****ALS Sample ID:** T9345-T--5

File Name: i:\Chrom\gc22\data\gc22_09febA.0012.RAW

Run Information: Acquired on GC22, 2/9/2004 7:00:32 PM



Sample Amount = 9.7 (g or mL)

Dilution Factor = 10.0

The Hydrocarbon Distribution Report is intended to assist you in characterizing hydrocarbon products that may be present in your sample. For further interpretation, a current library of reference products is available upon request.

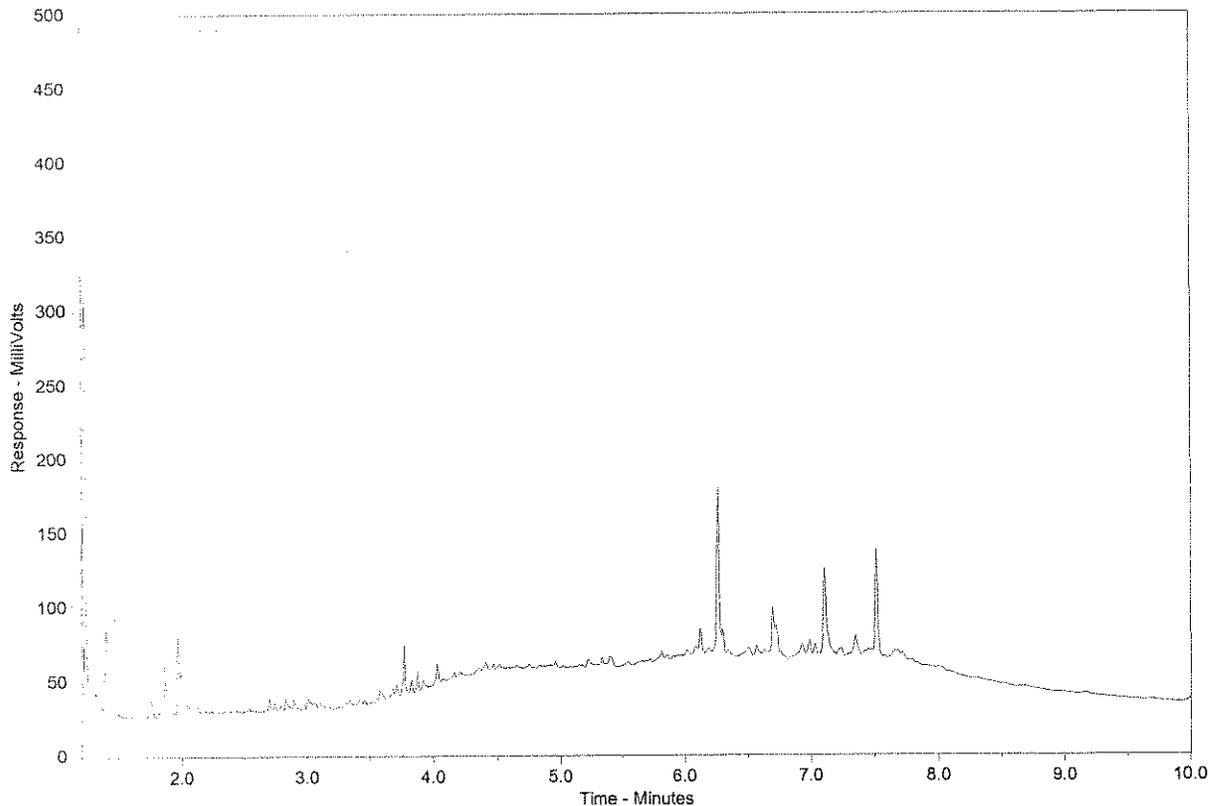
The scale at the bottom of the chromatogram indicates the approximate retention times of common petroleum products, and three n-alkane hydrocarbon marker compounds. Depending on the amount of hydrocarbons present in the sample, a C35 surrogate compound may be visible. Surrogate compounds are added to all samples as a component of quality control.

Peak heights in this report are a function of the sample concentration, the sample amount extracted, the sample dilution factor, and the response scale at the left.

ALS Environmental - Hydrocarbon Distribution Report**Client Sample ID:****ALS Sample ID:** QC-T--374347#T9345-5DUP

File Name: i:\Chrom\gc22\data\gc22_09febB.0012.RAW

Run Information: Acquired on GC22, 2/9/2004 7:00:32 PM



Sample Amount = 9.6 (g or mL)

Dilution Factor = 10.0

The Hydrocarbon Distribution Report is intended to assist you in characterizing hydrocarbon products that may be present in your sample. For further interpretation, a current library of reference products is available upon request.

The scale at the bottom of the chromatogram indicates the approximate retention times of common petroleum products, and three n-alkane hydrocarbon marker compounds. Depending on the amount of hydrocarbons present in the sample, a C35 surrogate compound may be visible. Surrogate compounds are added to all samples as a component of quality control.

Peak heights in this report are a function of the sample concentration, the sample amount extracted, the sample dilution factor, and the response scale at the left.

APPENDIX XI

**BOREHOLE LOGS AND MONITORING WELL INSTALLATION
DETAILS OF PREVIOUSLY INSTALLED WELLS**

PROJECT: Agr. Can/Agassiz

RECORD OF BOREHOLE MW-10

SHEET 1 OF 1

PROJECT NUMBER: 922 1881

BORING LOCATION: 1-C17

DATUM: MSL

BORING DATE: 12/3/92

DEPTH METERS	BORING METHOD	SOIL PROFILE			SAMPLES			HEADSPACE OVM READING				PIEZOMETER GRAPHIC WATER LEVEL	
		DESCRIPTION	GRAPHIC LOG	ELEV. DEPTH	NUMBER	TYPE	PPM	0	25	50	75	100	
0	152 mm Sonic Drill	Soft to firm, moist to wet, medium brown, mottled grey, clayey SILT, trace organics (roots)	[Graphic Log]	17.412									
1				1	DO								
		Compact, moist, brown, fine to medium SAND	[Graphic Log]	1.37									
2		Compact, moist, grey, fine to medium silty SAND	[Graphic Log]	1.68	2	DO							
		Compact, moist, medium brown, medium SAND	[Graphic Log]	2.07									
3		Compact, wet, medium brownish grey, coarse sandy GRAVEL	[Graphic Log]	2.44	3	DO							
4		End of Borehole at 3.96m											
5													
6													
7													
8													
9													
10													

DRILLING CONTRACTOR: Sonic Drilling

DO = Drill Open



LOGGED: MD

CHECKED: PE

DATE: 1/20/93

PROJECT: Agr. Can/Agassiz

RECORD OF BOREHOLE MW-13D

SHEET 1 OF 2

PROJECT NUMBER: 922 1881

BORING LOCATION: 1-C18

DATUM: MSL

BORING DATE: 1/7/93

DEPTH METERS	BORING METHOD	SOIL PROFILE			SAMPLES			HEADSPACE OVM READING				PIEZOMETER GRAPHIC WATER LEVEL		
		DESCRIPTION	GRAPHIC LOG	ELEV.	NUMBER	TYPE	0	25	50	75	100			
				DEPTH									PPM	
0	152 mm Sonic Drill	Stratigraphy to 4.0 depth as reported on MW-13S		17.555									<p>Flush Mount Concrete Sand Bentonite and Native Slough 3.20 m bgs 1/7/93 50 mm Floor Pipe Bentonite Seal 20/30 Silica Sand #10 Slot PVC Screen Slough</p>	
1														
2														
3														
4		Dense, moist, grey, fine to coarse, sub-angular to sub-round GRAVEL, some sand to sandy gravel, trace to some cobbles (to 100 mm), trace silt	4.0	1	DO									
5														
6		Compact, wet, fine to coarse sub-rounded GRAVEL, some medium sand, trace silt, trace cobbles (to 30 mm)	5.5											
7														
8														
9														
10														

Log continued on next page

DRILLING CONTRACTOR: Sonic Drilling
DO = Drill Open



LOGGED: PE
CHECKED: PE
DATE: 1/20/93

PROJECT: Agr. Can/Agassiz

RECORD OF BOREHOLE MW-13D

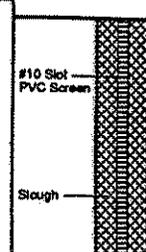
SHEET 2 OF 2

PROJECT NUMBER: 922 1881

BORING LOCATION: 1-C18

DATUM: MSL

BORING DATE: 1/7/93

DEPTH METERS	BORING METHOD	SOIL PROFILE			SAMPLES			HEADSPACE OVM READING				PIEZOMETER GRAPHIC WATER LEVEL	
		DESCRIPTION	GRAPHIC LOG	ELEV.	NUMBER	TYPE	PPM	0	25	50	75		100
				DEPTH									
10	152 mm Sonic Drill	Compact, wet, fine to coarse sub-rounded GRAVEL, some medium sand, trace silt, trace cobbles (to 80 mm)		17.555									
11				3	DO								
12		End of Borehole at 11.6 m											
13													
14													
15													
16													
17													
18													
19													
20													

DRILLING CONTRACTOR: Sonic Drilling
DO = Drill Open



LOGGED: PE
CHECKED: PE
DATE: 1/20/93

PROJECT: Agr. Can/Agassiz
 PROJECT NUMBER: 922 1881

RECORD OF BOREHOLE MW-25

BORING LOCATION: 1-C13

SHEET 1 OF 1
 DATUM: MSL
 BORING DATE: 12/4/92

DEPTH METERS	BORING METHOD	SOIL PROFILE			SAMPLES			HEADSPACE OVM READING				PIEZOMETER GRAPHIC	
		DESCRIPTION	GRAPHIC LOG	ELEV.	NUMBER	TYPE	PPM	0	25	50	75	100	WATER LEVEL
				DEPTH				PPM					
0	152 mm Sonic Drill	Loose, moist, brown, silty fine SAND to SAND and SILT (FILL)		16.430									
		Loose, friable to blocky, moist to wet, dark brown, SILT and SAND, grading to sandy SILT (NATIVE).		0.3	1	DO							
		Mottled SILT, in 30mm lense above 0.9m				2	DO						
1		Compact, wet, brown, slightly mottled silty fine SAND		0.9									
		Compact, wet, brown, fine to medium SAND, trace grading to grey SAND, trace silt		1.3	3	DO							
2													
3		End of Borehole at 3.0m		3.0									
4													
5													
6													
7													
8													
9													
10													

DRILLING CONTRACTOR: Sonic Drilling
 DO = Drill Open



LOGGED: PE
 CHECKED: PE
 DATE: 1/20/93

APPENDIX XII

NCSCS FORM

Table I
Ranking of APECs in Gitanmax based on the
National Classification System for Contaminated Sites

Category	Evaluation Factor	Scoring Guideline	APEC 1 - Building 37	APEC 2 - Former Landfill (near Building 54)	APEC 3 - Groundwater Quality at Site	APEC 4 - Sewerage Treatment Equipment	APEC 5 - Equipment Shed	APEC 6 - Pesticide, Fertilizer and Paint Shed
I. Contaminant(s) Characteristics	A. Degree of hazard							
	* High concern contaminants - high concentration	14	11	5	5	3	5	11
	* High concern contaminants - low concentration	11						
	* Medium concern contaminants - high concentration	8						
	* Medium concern contaminants - low concentration	5						
	* Low concern contaminants	3						
	B. Contaminant Quantity (area/volume of site contamination)							
	* >10 ha, or >1000m ³ , or drums of liquid	10	2	2	6	2	2	2
	* 2 to 10 ha, or 100 to 1000 m ³	6						
	* <2 ha, or <100 m ³	2						
	C. Physical State of Contaminants							
	* Liquid/gas	9	5	5	9	3	5	5
	* Sludge	7						
	* Solid	3						
	Special Considerations	-6 to +6						
Subtotal I			18	12	20	8	12	18
II. Exposure Pathways	A. Groundwater							
	1. Known contamination at or beyond property boundary							
	* Groundwater significantly exceeds Canadian Drinking Water Guidelines (CDWG) by >2x or known contact of contaminants with groundwater	11	-	-	-	-	-	-
	* Between 1 and 2x CDWG or probable contact with groundwater	6						
	* Meets Canadian Drinking Water Guidelines	0	0	0	0	0	0	0
	2. Potential for groundwater contamination							
	(a) Engineered subsurface containment							
	* No containment	4				4		
	* Partial containment	2						
	* Full containment	0						
(b) Thickness of confining layer over aquifer(s) of concern	1.5				1			
* 3 m or less	1							
* 3 to 10 m	0							
* >10 m								
(c) Hydraulic conductivity of the confining layer								
* >10 ⁻⁴ cm/sec	1.5				1			
* 10 ⁻⁴ to 10 ⁻⁶ cm/sec	1							
* <10 ⁻⁶ cm/sec	0.5							
II. Exposure Pathways, cont'd	(d) Annual Rainfall							
	* >1000mm	1				0.6		
	* 600 mm	0.6						
	* 400 mm	0.4						
	* 200mm	0.2						
	(e) Hydraulic conductivity of aquifer(s) of concern							
	* >10 ⁻² cm/sec	3				1.5		
	* 10 ⁻² - 10 ⁻⁴ cm/sec	1.5						
	* <10 ⁻⁴ cm/sec	0.5						
	3. Special Considerations	-4 to +4						
B. Surface Water								
1. Observed or measured contamination of water/effluent discharged from site								
* Known or strongly suspected to exceed Canadian Water Quality Guidelines (CWQG) by >2x	11	-	-	-	-	-	-	
* Known or strongly suspected to be between 1 - 2x CWQG	6							
* Meets Canadian Water Quality Guidelines	0							
2. Potential for surface water contamination								
(a) Surface Containment								
* No containment	5	5	5	5	5	3	5	
* Partial containment	3							
* Full containment	0.5							
(b) Distance to perennial surface water								
* 0 to <100m	3	0.5	0.5	0.5	3	0.5	0.5	
* 100 to 300m	2							
* >300m	0.5							
(c) Topography								
* Contaminants above ground level and slope is steep	1.5	0	0	0	0	0	0	
* Contaminants at or below ground level and slope is steep	1.2							
* Contaminants above ground level and slope is flat	0.8							
* Contaminants at or below ground level and slope is flat	0							
(d) Run-off potential								
* >1000mm rainfall and low permeability surface material	1	0.6	0.6	0.6	0.6	0.6	0.6	
* <500mm rainfall and high permeable surface material	0.6							
	0.2							

Table I
Ranking of APECs in Gitanmax based on the
National Classification System for Contaminated Sites

Category	Evaluation Factor	Scoring Guideline	APEC 1 - Building 37	APEC 2 - Former Landfill (near Building 54)	APEC 3 - Groundwater Quality at Site	APEC 4 - Sewerage Treatment Equipment	APEC 5 - Equipment Shed	APEC 6 - Pesticide, Fertilizer and Paint Shed
II. Exposure Pathways, cont'd	(e) Flood Potential * 1 in 2 years * 1 in 10 years * 1 in 50 years	0.5 0.3 0.1	0.1	0.1	0.1	0.1	0.1	0.1
	3. Special Considerations	-4 to +4						
	C. Direct Contact							
	1. Known contamination of media off-site * Known contamination of soil, sediment or air off-site due to contact with contaminated soil, dust, air, etc. (vector transported should also be considered) * Strongly suspected contamination of media off-site * No contamination of media off-site	11 6 0	-	-	-	-	-	-
	2. Potential for direct human and/or animal contact							
	(a) Airborne Emissions (gases, vapours, dust, etc.) * Known or suspected airborne emissions impacting on neighbouring properties * Airborne emissions generally restricted to site * No airborne emissions	5 3 0	0	0	0	0	0	0
	(b) Accessibility of Site (ability to contact materials) * Limited or no barriers to prevent site access; contaminants not covered * Moderate accessibility or intervening barriers; contaminants are covered * Controlled access or remote location and contaminants are covered	4 3 0	3	0	0	0	0	0
	(c) Hazardous soil gas migration * Contaminants are putrescible and soil permeability is high * Soil contaminants are putrescible but soil permeability is low and/or groundwater is <2m from surface * No putrescible contaminants at the site	2 1 0	0	1	0	0	0	0
	3. Special Considerations	-4 to +4						
	Subtotal II			9.2	7.2	6.2	16.8	4.2
III. Receptors	A. Human and Animal Uses							
	1. Known adverse impact on humans or domestic animals as a result of the contaminated site * Known adverse effect on humans or domestic animals * Strongly suspected adverse effect on humans or domestic animals	18 15	-	-	-	-	-	-
	2. Potential for impact on humans or animals							
	(a) Drinking water supply							
	(i) Known impact on drinking water supply. Drinking water supply is known to be adversely affected as a result of site contamination * Known contamination of drinking water supply to levels above CDWG * Strongly suspected contamination of drinking water supply * Drinking water supply is known not to be contaminated	9 7 0	0	0	0	0	0	0
	(ii) Potential for impact on drinking water supply							
	° Proximity to drinking water supply * 0 to <100m * 100 to <300m * 300m to <1km * 1 to 5km	6 5 4 3				4		
	° "Availability" of alternate drinking water supply * Alternate drinking water supply is not available * Alternate drinking water supply would be difficult to obtain * Alternate drinking water supply available	3 2 0.5				0.5		
	(b) Other Water Resources (groundwater or surface water)							
	(i) Known impact on used water resource Water resource (used for recreational purposes, commercial food preparation, livestock watering, irrigation or other food chain uses) is known to be adversely affected as a result of site contamination * Water resource is known to be contaminated above CWQG * Water resource is strongly suspected to be contaminated above CWQG * Water resource is known not to be contaminated	4 3 0	-	-	-	-	-	-

Table I
Ranking of APECs in Gitanmax based on the
National Classification System for Contaminated Sites

Category	Evaluation Factor	Scoring Guideline	APEC 1 - Building 37	APEC 2 - Former Landfill (near Building 54)	APEC 3 - Groundwater Quality at Site	APEC 4 - Sewerage Treatment Equipment	APEC 5 - Equipment Shed	APEC 6 - Pesticide, Fertilizer and Paint Shed
III. Receptors, cont'd	(ii) Potential for impact on water resources ° Proximity to water resources used for activities listed above * 0 to <100m * 100 to <300m * 300m to <1km * 1 to 5km	2 1.5 1 0.5				2	1.5	1
	Frequency of Use Water Use Recreational (swimming, fishing) Commercial food preparation Livestock watering Irrigation Other domestic or food chain uses Not currently used but likely future use ° Use of water resources - if multiple uses, give highest score (use following table)	Frequent 2 1.5 1 1 0.5 0.5 0.5 ° Occasional 1 0.8 0.5 0.5 0.3 0.2				2	2	2
	(c) Direct human exposure (I) Known contamination of land used by humans * Known contamination of land used for agricultural or residential/parkland/school purposes above AG or R/P EQC values * Known contamination of land used for commercial or industrial purposes above C/I EQC values * Land is known not to be contaminated	5 3.5 0		-	-	-	0	-
	(ii) Potential human exposure through land use * Use of land at and surrounding site (use following table; give highest score to worst case scenario) Distance From Site Land Use (current or future) 0-300m 300m-1km 1-5km Residential Agricultural Parkland/School Commercial/Industrial	5 5 4 3 3 4.5 4 3 1 3		5	5	5	5	5
3. Special Considerations		-5 to +5						
III. Receptors, cont'd	B. Environment 1. Known adverse impact on a sensitive environment as a result of the contaminated site * Known adverse impact on sensitive environment * Evidence of stress on aquatic species or vegetative stress on trees, crops or plant life located on properties neighbouring the site * Strongly suspected adverse impact on sensitive environment	16 14 12	-	-	-	-	-	-
	2. Potential for impact on sensitive environments (a) Distance from site to nearest sensitive environment (e.g., sensitive aquatic environment, nature preserve, habitat for endangered species, sensitive forest reserves, national parks or forests, etc.) * 0 to <500m *500 m to <2km *2 to <5km *5 to 10km (b) Groundwater - distance to important or susceptible groundwater resource(s) * 0 to <500m *500 m to <2km *2 to <5km *5 to 10km	10 6 2 0.5 6 4 2 1						
	3. Special Considerations		-5 to +5					
	Subtotal III			5	5	5	13.5	8.5
	TOTAL SCORE		32.2	24.2	31.2	38.3	24.7	32.2

Table II
 Ranking of Previous APECs in Gitanmaax based on the
 National Classification System for Contaminated Sites

Category	Evaluation Factor	Scoring Guideline	1-A1	1-A3	1-C2	1-C3	1-C5	1-C6	1-C8	1-C9	1-C10	1-C11	1-C13	1-C19
I. Contaminant(s) Characteristics	A. Degree of hazard * High concern contaminants - high concentration * High concern contaminants - low concentration * Medium concern contaminants - high concentration * Medium concern contaminants - low concentration * Low concern contaminants	14 11 8 5 3	3	3	3	3	3	3	3	3	3	3	3	3
	B. Contaminant Quantity (area/volume of site contamination) * >10 ha, or >1000m ³ , or drums of liquid * 2 to 10 ha, or 100 to 1000 m ³ * <2 ha, or <100 m ³	10 6 2	6	6	6	2	2	2	2	6	6	6	6	2
	C. Physical State of Contaminants * Liquid/gas * Sludge * Solid	9 7 3	3	3	3	2	2	2	2	3	3	3	3	3
	Special Considerations	-6 to +6												
Subtotal I			12	12	12	7	7	7	8	12	12	12	12	8
II. Exposure Pathways	A. Groundwater 1. Known contamination at or beyond property boundary * Groundwater significantly exceeds Canadian Drinking Water Guidelines (CDWG) by >2x or known contact of contaminants with groundwater * Between 1 and 2x CDWG or probable contact with groundwater * Meets Canadian Drinking Water Guidelines	11 6 0	-	-	-	-	-	-	-	-	-	-	-	-
	2. Potential for groundwater contamination (a) Engineered subsurface containment * No containment * Partial containment * Full containment (b) Thickness of confining layer over aquifer(s) of concern * 3 m or less * 3 to 10 m * >10 m (c) Hydraulic conductivity of the confining layer * >10 ⁻⁴ cm/sec * 10 ⁻⁴ to 10 ⁻⁶ cm/sec * <10 ⁻⁶ cm/sec	4 2 0 1.5 1 0 1.5 1 0.5												
	(d) Annual Rainfall * >1000mm * 600 mm * 400 mm * 200mm (e) Hydraulic conductivity of aquifer(s) of concern * >10 ⁻² cm/sec * 10 ⁻² - 10 ⁻⁴ cm/sec * <10 ⁻⁴ cm/sec	1 0.6 0.4 0.2 3 1.5 0.5												
	3. Special Considerations	-4 to +4												
II. Exposure Pathways, cont'd	B. Surface Water 1. Observed or measured contamination of water/effluent discharged from site * Known or strongly suspected to exceed Canadian Water Quality Guidelines (CWQG) by >2x * Known or strongly suspected to be between 1 - 2x CWQG * Meets Canadian Water Quality Guidelines	11 6 0	-	-	-	-	-	-	-	-	-	-	-	-
	2. Potential for surface water contamination (a) Surface Containment * No containment * Partial containment * Full containment (b) Distance to perennial surface water * 0 to <100m * 100 to 300m * >300m (c) Topography * Contaminants above ground level and slope is steep * Contaminants at or below ground level and slope is steep * Contaminants above ground level and slope is flat * Contaminants at or below ground level and slope is flat (d) Run-off potential * >1000mm rainfall and low permeability surface material * <500mm rainfall and high permeable surface material	5 3 0.5 3 2 0.5 1.5 1.2 0.8 0 1 0.6 0.6 0.2	3	3	5	5	5	5	5	5	5	5	5	5
	(e) Flood Potential * 1 in 2 years * 1 in 10 years * 1 in 50 years	0.5 0.3 0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
	3. Special Considerations	-4 to +4												
II. Exposure Pathways, cont'd	C. Direct Contact 1. Known contamination of media off-site * Known contamination of soil, sediment or air off-site due to contact with contaminated soil, dust, air, etc. (vector transported should also be considered) * Strongly suspected contamination of media off-site * No contamination of media off-site	11 6 0	-	-	-	-	-	-	-	-	-	-	-	-
	2. Potential for direct human and/or animal contact (a) Airborne Emissions (gases, vapours, dust, etc.) * Known or suspected airborne emissions impacting on neighbouring properties * Airborne emissions generally restricted to site * No airborne emissions (b) Accessibility of Site (ability to contact materials) * Limited or no barriers to prevent site access; contaminants not covered * Moderate accessibility or intervening barriers; contaminants are covered * Controlled access or remote location and contaminants are covered (c) Hazardous soil gas migration * Contaminants are putrescible and soil permeability is high * Soil contaminants are putrescible but soil permeability is low and/or groundwater is <2m from surface * No putrescible contaminants at the site	5 3 0 4 3 0 2 1 0	0	0	0	0	0	0	0	0	0	0	0	0
	3. Special Considerations	-4 to +4												
	Subtotal II		7.2	7.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2
III. Receptors	A. Human and Animal Uses 1. Known adverse impact on humans or domestic animals as a result of the contaminated site * Known adverse effect on humans or domestic animals * Strongly suspected adverse effect on humans or domestic animals	18 15	-	-	-	-	-	-	-	-	-	-	-	-
	2. Potential for impact on humans or animals (a) Drinking water supply (i) Known impact on drinking water supply. Drinking water supply is known to be adversely affected as a result of site contamination * Known contamination of drinking water supply to levels above CDWG * Strongly suspected contamination of drinking water supply * Drinking water supply is known not to be contaminated	9 7 0	0	0	0	0	0	0	0	0	0	0	0	0
	(ii) Potential for impact on drinking water supply * Proximity to drinking water supply * 0 to <100m * 100 to <300m * 300m to <1km * 1 to 5km * "Availability" of alternate drinking water supply * Alternate drinking water supply is not available * Alternate drinking water supply would be difficult to obtain * Alternate drinking water supply available	6 5 4 3 3 2 0.5												
	3. Special Considerations	-4 to +4												

Table II
 Ranking of Previous APECs in Gitanmaax based on the
 National Classification System for Contaminated Sites

Category	Evaluation Factor	Scoring Guideline	1-A1	1-A3	1-C2	1-C3	1-C5	1-C6	1-C8	1-C9	1-C10	1-C11	1-C13	1-C19	
III. Receptors, cont'd	(b) Other Water Resources (groundwater or surface water) (i) Known impact on used water resource Water resource (used for recreational purposes, commercial food preparation, livestock watering, irrigation or other food chain uses) is known to be adversely affected as a result of site contamination * Water resource is known to be contaminated above CWQG * Water resource is strongly suspected to be contaminated above CWQG * Water resource is known not to be contaminated	4 3 0	- - 0												
	(ii) Potential for impact on water resources * Proximity to water resources used for activities listed above * 0 to <100m * 100 to <300m * 300m to <1km * 1 to 5km Frequency of Use Water Use Recreational (swimming, fishing) Commercial food preparation Livestock watering Irrigation Other domestic or food chain uses Not currently used but likely future use * Use of water resources - if multiple uses, give highest score (use following table)	2 1.5 1 0.5 Frequent Occasional 2 1 1.5 0.8 1 0.5 1 0.5 0.5 0.3 0.5 0.2													
	(c) Direct human exposure (i) Known contamination of land used by humans * Known contamination of land used for agricultural or residential/parkland/school purposes above AG or R/P EQC values * Known contamination of land used for commercial or industrial purposes above C/I EQC values * Land is known not to be contaminated	5 3.5 0	- - 0												
	(ii) Potential human exposure through land use * Use of land at and surrounding site (use following table; give highest score to worst case scenario) Distance From Site Land Use (current or future) 0-300m 300m-1km 1-5km Residential 5 4.5 3 Agricultural 5 4 2.5 Parkland/School 4 3 1.5 Commercial/Industrial 3 1 0.5		5 5 5 5 5 5 5 5												
3. Special Considerations		-5 to +5													
III. Receptors, cont'd	B. Environment 1. Known adverse impact on a sensitive environment as a result of the contaminated site * Known adverse impact on sensitive environment * Evidence of stress on aquatic species or vegetative stress on trees, crops or plant life located on properties neighbouring the site * Strongly suspected adverse impact on sensitive environment	16 14 12	- - -												
	2. Potential for impact on sensitive environments (a) Distance from site to nearest sensitive environment (e.g., sensitive aquatic environment, nature preserve, habitat for endangered species, sensitive forest reserves, national parks or forests, etc.) * 0 to <500m * 500 m to <2km * 2 to <5km * 5 to 10km (b) Groundwater - distance to important or susceptible groundwater resource(s) * 0 to <500m * 500 m to <2km * 2 to <5km * 5 to 10km	10 6 2 0.5 6 4 2 1													
	3. Special Considerations		-5 to +5												
	Subtotal III			5	5	5	5	5	5	5	5	5	5	5	5
TOTAL SCORE			24.2	24.2	26.2	21.2	21.2	21.2	22.2	26.2	26.2	26.2	26.2	22.2	

APPENDIX XIII

AAFC CONTAMINATED SITES SUMMARY FORM

AAFC's ENVIRONMENTAL SUMMARY FORM - APEC 4

1. Establishment Name Agassiz Research Station: APEC 4 – Sewage Treatment Equipment
2. DFRP Number _____
3. Contaminated Site Number _____
4. Waste description Metals in soil
5. Site Status (select one)
 - i. Under Assessment X
 - ii. Under Remediation
 - iii. Remediated and under Risk Management
 - iv. Under Risk Management
 - v. Remediation Complete
 - vi. Remediation by 3rd Party
 - vii. Assessed - No Action Required
6. Action Required (select one)
 - i. None
 - ii. Action Not Likely Required X
 - iii. Action May be Required
 - iv. Action Likely Required
 - v. Monitoring
 - vi. Remediaton
 - vii. Additional Study
 - ii. Monitoring and Additional Study
 - ix. Additional Study and Remediation
 - x. Risk Management
7. NCSCS Risk Level (select one)
 - i. Class 1
 - ii. Class 2
 - iii. Class 3
 - iv. Class I
 - v. Class N X
8. Location of Contamination on Property (use directions, buildings, etc...): Area of contamination is to the south of the sewage treatment equipment located on Agassiz Farm 2 (Figure 8)
9. Coordinate Sources (select one)
 - i. Global Positioning System (GPS)
 - ii. Survey Plan (Less than 1:25,000)
 - iii. Topographic Map (1:25,000)
 - iv. Topographic Map (1:50,000)
 - v. Topographic Map (1:250,000)
 - vi. General Map (1:1,000,000)
 - vii. General Map (Greater than 1:1,000,000)
 - viii. Not applicable
10. Latitude and Longitude of Centre of Site Using GPS Coordinate System (DDD.MMM.SSS)

-
11. Contaminant Category
- i. Petroleum hydrocarbons and PAHs
 - ii. Heavy Metals X
 - iii. Oxygen Depleting Substances
 - iv. Toxic Organics
 - v. Radioactives
 - vi. Nuisance Substances
 - vii. Explosives
 - viii. Other Contaminants
- Liability to Crown (\$): Not Applicable
12. Quality of Liability Estimate: Not Applicable
13. Date of Liability Estimate: Not Applicable
14. Contingency to Crown (\$): Not Applicable
15. Quality of Contingent Estimate: _____
16. Date of Contingent Estimate: _____

AAFC's ENVIRONMENTAL SUMMARY FORM - APEC 5

16. Establishment Name Walmsley Research Farm: APEC 5 –Equipment Shed
17. DFRP Number _____
18. Contaminated Site Number _____
19. Waste description Metals and Petroleum Hydrocarbons in soil
20. Site Status (select one)
- i. Under Assessment X
 - ii. Under Remediation
 - iii. Remediated and under Risk Management
 - iv. Under Risk Management
 - v. Remediation Complete
 - vi. Remediation by 3rd Party
 - vii. Assessed - No Action Required
21. Action Required (select one)
- i. None
 - ii. Action Not Likely Required X
 - iii. Action May be Required
 - iv. Action Likely Required
 - v. Monitoring
 - vi. Remediaton
 - vii. Additional Study
 - ii. Monitoring and Additional Study
 - ix. Additional Study and Remediation
 - x. Risk Management
22. NCSCS Risk Level (select one)
- i. Class 1
 - ii. Class 2
 - iii. Class 3 X
 - iv. Class I
 - v. Class N
23. Location of Contamination on Property (use directions, buildings, etc...): Area of contamination is located within the Equipment Shed on Walmsley Research Farm (Figure 9)
24. Coordinate Sources (select one)
- i. Global Positioning System (GPS)
 - ii. Survey Plan (Less than 1:25,000)
 - iii. Topographic Map (1:25,000)
 - iv. Topographic Map (1:50,000)
 - v. Topographic Map (1:250,000)
 - vi. General Map (1:1,000,000)
 - vii. General Map (Greater than 1:1,000,000)
 - viii. Not applicable
25. Latitude and Longitude of Centre of Site Using GPS Coordinate System (DDD.MMM.SSS)

-
26. Contaminant Category
- i. Petroleum hydrocarbons and PAHs X
 - ii. Heavy Metals X
 - iii. Oxygen Depleting Substances
 - iv. Toxic Organics
 - v. Radioactives
 - vi. Nuisance Substances
 - vii. Explosives
 - viii. Other Contaminants
- Liability to Crown (\$): 5,000
27. Quality of Liability Estimate:
28. Date of Liability Estimate: March 31, 2004
29. Contingency to Crown (\$): Not Applicable
30. Quality of Contingent Estimate: _____
16. Date of Contingent Estimate: