

**Golder Associates Ltd.**

2390 Argentia Road  
Mississauga, Ontario, Canada L5N 5Z7  
Telephone 905-567-4444  
Fax 905-567-6561



**REPORT ON**

**PHASE I ENVIRONMENTAL SITE ASSESSMENT  
Site Visit March 25, 2004**

**163 INKERMAN STREET, GUELPH**

**45 SILVERCREEK PARKWAY SOUTH, GUELPH  
(PART LOT 21, 22, DIVISION A, PART LOT 3  
BLOCK Y, PART LOTS 123 TO 126 AND LOT 130  
PLAN 274 PARTS 1 & 2 61R4030)**

**PART LOTS 10 TO PART LOTS 2 AND 3,  
DIVISION E, CONCESSION 1, PART LOTS 10 TO  
PART LOTS 12 PLAN 52, PART LOT 3. PART  
NAPOLEAN STREET CLOSED, GUELPH**

Submitted to:

Lafarge Canada Inc.  
7880 Keele Street, 5<sup>th</sup> Floor  
Concord, Ontario  
L4K 4G7

**DISTRIBUTION:**

2 Copies      Lafarge Canada Inc., Concord  
2 Copies      Golder Associates Ltd., Mississauga

June 2004

04-1113-053



## EXECUTIVE SUMMARY

Golder Associates Ltd. ("Golder") was retained by Lafarge Canada Inc. ("Lafarge") in March, 2004 to conduct a Phase I Environmental Site Assessment ("Phase I ESA") of three (3) properties owned by Lafarge located at 163 Inkerman Street, Guelph (hereinafter referred to as "Parcel A"), 45 Silvercreek Parkway (hereinafter referred to as "Parcel B"), and Part Lots 2 and 3, Division E, Concession 1, Part Lots 10 to Part Lots 12, Plan 52, Part Lot 3, Part Napoleon Street Closed, Guelph (hereinafter referred to as "Parcel C"). Collectively, Parcels A, B, and C will be referred to as the "Site". The Site reconnaissance was conducted on March 25, 2004. At the time of the Site reconnaissance Parcels B and C were vacant, while Parcel A was developed with one (1) building occupied by Evans Industrial ("Evans"). Historically, Parcels B and C were utilized as a sand and gravel pit, and later contained an asphalt plant, ready-mix and block manufacturer.

Based on the findings presented herein, the following issues of potential environmental concern are noted:

- Parcels B and C of the Site have been subject to sand and gravel extraction, asphalt making activities and concrete and block activities.
- Sedimentation ponds have historically been located on Parcels B and C.
- Fill placement has occurred on-Site of unknown aesthetic and chemical quality.
- Stormwater exiting the properties north of the Site drain onto Parcel B through Howitt Creek before entering Speed River. Several properties located approximately 1 km north of the Site are listed as generators of subject wastes. The chemical and waste storage practices on properties north of the Site are unknown. (In addition, Lafarge staff informed Golder that the MOE contacted Lafarge regarding potential contamination upgradient of the Site.)
- Water, reportedly mixed with hydrochloric acid, was used to wash trucks and the wastewater reportedly drained on-Site.
- Golder was also informed by Ms. Pam Kraft of Lafarge that a fire occurred on Parcel A approximately seven (7) years ago. The cause of the fire and the extent of the damages are unknown.
- Staining observed on an AST and on a concrete enclosure on Parcel A. Staining was also observed on the asphalt surrounding the concrete closure.
- Historically, several wastes were reportedly produced on-Site. These included: sanitary wastes discharged to a septic system (septic tank and tile bed), concrete truck washing wastewater (containing hydrochloric acid), waste oils and lubricants from machine and truck maintenance activities, and oils placed on roadways for dust control.
- Areas throughout Parcels B and C were subjected to littering of household and construction debris.

- Staining was observed on a concrete pad immediately adjacent to a concrete enclosure for coloured and clear diesel ASTs on Parcel A. The base of the concrete enclosure could not be observed at the time of the Site reconnaissance visit.
- Previous reports indicated that several storage areas were reportedly located throughout Parcel C. Previous investigations noted evidence of tar materials in the soil near the former asphalt plant (Parcel B) found during a test pit program and cold asphalt was reportedly identified near the former asphalt plant, northwest of the creek. The reports also indicated that the tar material appears not to contribute contamination to the underlying soils. In addition, crushed drums, containing a tar-like residue, and underlying contaminated soil were reportedly identified. The TPH results of the soil obtained in the immediate vicinity of the drums reportedly exceeded the Alberta guidelines "Alberta Subsurface Remediation Guidelines for Underground Storage Tanks (1991)" which were used for comparison.
- Two ASTs and seven (7) USTs were reportedly historically located on Parcels B and C for refueling purposes. A previous investigation indicated that the BTEX and TPH results for both groundwater and soils at and below the water table in the area of a diesel UST on Parcel C reportedly exceeded Alberta and CCME criteria for both residential/parkland and commercial/industrial land uses. A previous investigation also indicated that based on samples taken from a combination of test pitting, soil drilling and groundwater well installation, petroleum hydrocarbons were identified in the soil and groundwater in the immediate vicinity of the former and present vehicle fuelling areas. The report also concluded that the hydrocarbons did not appear to have moved far from their assumed source, however the soil and groundwater have been impacted locally. Golder was unable to determine whether all seven (7) USTs have been removed off-Site.
- An abandoned water well was reportedly identified on Parcel B.
- Canadian National Railway lines are located along the north and south boundaries of Site. We do not know the quality of the fill along the rail line and we do not know if any historical spillage has occurred on the line.

## TABLE OF CONTENTS

<u>SECTION</u>	<u>PAGE</u>
1.0 INTRODUCTION.....	1
1.1 Background .....	1
1.2 Scope of Work.....	1
2.0 SITE DESCRIPTION.....	3
2.1 Site Location and Setting .....	3
2.2 Site Physical Description .....	4
2.3 Site Operations .....	4
3.0 HISTORICAL RECORDS REVIEW .....	6
3.1 Aerial Photographs.....	6
3.2 Review of Street Directories .....	7
3.3 Review of Insurance Maps and Reports.....	8
3.4 Regulatory Information .....	8
3.4.1 Ontario Ministry of Environment .....	9
3.4.2 Technical Standards and Safety Authority – Fuel Safety Division .....	11
3.4.3 City of Guelph – City Hall .....	11
3.4.4 Grand River Conservation Authority .....	12
3.5 Previous Investigations .....	12
4.0 SITE VISIT FINDINGS .....	17
4.1 Air Emissions.....	17
4.2 Water and Wastewater Discharges.....	17
4.3 Waste Management and Handling .....	18
4.3.1 Site Observations Regarding Subject Waste.....	18
4.3.2 Site Observations Regarding Non-hazardous Solid Waste.....	19
4.4 Material and Chemical Storage, Handling and Management .....	19
4.5 Polychlorinated Biphenyl-Containing Materials and Equipment (PCBs) .....	20
4.6 Asbestos-Containing Materials (ACMs).....	20
4.7 Lead-Based Paints .....	20
4.8 Ozone-Depleting Substances .....	21
4.9 Mercury .....	21
4.10 Radioactive Materials.....	21
4.11 Radon Gas .....	21
4.12 Herbicides and Pesticides.....	21
4.13 Storage Tanks.....	21
4.13.1 Site Observations - Aboveground Storage Tanks .....	21
4.13.2 Site Observations - Underground Storage Tanks.....	23
4.14 Spills.....	24
4.15 Surrounding Land Use .....	24
4.16 Natural Environment Receptors.....	25
4.16.1 Wetlands.....	25

**TABLE OF CONTENTS cont'd**

5.0 CONCLUSIONS.....26  
6.0 LIMITATIONS AND USE OF REPORT.....28  
7.0 LIST OF CONTACTS.....29  
8.0 CLOSURE.....30

**LIST OF FIGURES**

- Figure 1 Site Location Map**  
**Figure 2 Site Setting**

**LIST OF APPENDICES**

- APPENDIX 1 Aerial Photographs**  
**APPENDIX 2 CGI Environmental Services Documentation**  
**APPENDIX 3 Regulatory Responses**  
**APPENDIX 4 Site Photographs**

## 1.0 INTRODUCTION

### 1.1 Background

Golder Associates Ltd. ("Golder") was retained by Lafarge Canada Inc. ("Lafarge") in March 2004 to conduct a Phase I Environmental Site Assessment ("Phase I ESA") of three (3) properties owned by Lafarge located at 163 Inkerman Street, Guelph (hereinafter referred to as "Parcel A"), 45 Silvercreek Parkway (hereinafter referred to as "Parcel B"), and Part Lots 2 and 3, Division E, Concession 1, Part Lots 10 to Part Lots 12, Plan 52, Part Lot 3, Part Napoleon Street Closed, Guelph (hereinafter referred to as "Parcel C"). Collectively, Parcels A, B, and C will be referred to as the "Site". The Site reconnaissance was conducted on March 25, 2004. At the time of the Site reconnaissance Parcels B and C were vacant, while Parcel A was developed with one (1) building occupied by Evans Industrial ("Evans"). Historically, Parcels B and C were utilized as a sand gravel quarry, and later contained an asphalt plant and cement manufacturer.

### 1.2 Scope of Work

Golder completed the Phase I ESA in accordance with the Canadian Standards Association document Z768-01 'Phase I – Environmental Site Assessments' including, but not limited to: a review of available current and historical information of the Site and surrounding properties, a reconnaissance of the Site, and completing this report. In particular, the activities completed included a historical review of the Site and areas within 200 m of the Site, a Site visit, and a regulatory information review. The Site reconnaissance also included a cursory observation of neighbouring properties from the Site and publicly accessible areas.

The scope of work that has been carried out included the following:

- A review of available aerial photographs on file at the National Air Photo Library in Ottawa, Ontario;
- A review of historical, geological and hydrogeological information in published government reports, maps and aerial photographs;
- A review of insurance documents and plans from CGI Environmental Services ("CGI");
- A reconnaissance of the Site and local vicinity on March 25, 2004;
- A check of the Ontario Ministry of Environment ("MOE") inventory of waste disposal sites, MOE inventory of registered PCB storage sites and MOE Waste Generator databases; and
- Requests to regulatory authorities having jurisdiction over the Site for information held on file pertaining to the Site.

As part of the Scope of Work, Golder did not conduct a health and safety, engineering or structural evaluation of the Site. Testing of the Site soils, rock, groundwater, surface water, air or building materials for occupational health and safety materials or substances of potential environmental concern were not conducted. In addition, a comprehensive environmental compliance audit was not within the scope of this work nor was a review of planning issues that may affect this property.

Notwithstanding the above, Golder Associates were concurrently completing a Phase II ESA of the property. That work is reported under separate cover.

## 2.0 SITE DESCRIPTION

### 2.1 Site Location and Setting

The Site consists of three (3) land parcels totally approximately 22 hectares (55 acres) in Guelph, Ontario (see Figure 1). The Site, as indicated on Figure 2, is located in a mixed residential, commercial and industrial area. Parcel A is approximately 0.30 hectares (0.73 acres) and is bounded by Inkerman Street to the south, a residential property, a commercial property and Alma Street North to the east, a Canadian National Railway line and vacant land to the north, and parkland and a Canadian National Railway line to the west. Parcel B is approximately 15 hectares (36 acres) and is bounded by a Canadian National Railway line and residential properties to the south, a Canadian National Railway line as well as residential, commercial and industrial properties to the east and north, and Silvercreek Parkway South to the west. Parcel C is approximately 7 hectares (18 acres) and is bounded by a Canadian National Railway line and residential properties to the south, Silvercreek Parkway South to the east, a Canadian National Railway line and residential properties to the north and Highway 6 North (Hanlon Expressway) to the west. The Universal Transverse Mercator ("UTM") coordinates for the centre of each Parcels A, B, and C are as follows: 559470 m E; 4820270 m N, 559260 m E; 4820120 m N, and 559030 m E; 4819800 m N, respectively. The ground surface of the Site is characterized by a variety of features, but in general the ground surface slopes towards Howitt Creek which flows south through Parcel B.

Parcel A currently consists of one (1) two-storey building and flat, paved parking and driving areas. Parcels B and C currently consist of overgrown treed areas and grassy fields, Howitt Creek, former asphalt roadways and some areas with debris and litter.

Access to Parcel A is from Inkerman Street. Access to Parcels B and C is from Silvercreek Parkway South.

The current zoning of the Site is identified as M2 (Industrial) zone. A notice observed along the west boundary of Parcel B (Silvercreek Parkway South) indicated that applications have been submitted to the Ministry of Municipal Affairs for Draft Plan Approval of subdivision and to the City of Guelph for amendments to the official plan and zoning by-law to permit a subdivision on approximately 22 hectares of land. The notice also indicated that the applicant proposed to subdivide the lands for corporate offices, ancillary commercial, high-density residential (west of Silvercreek Parkway South only), offices, service commercial, business park and potential Go-Transit station and civic arena complex, open space parking and storm water management land uses. We do not know of that development application is still active or was approved.



## 2.2 Site Physical Description

Howitt Creek is located in the centre of Parcel B, and flows southeast towards Speed River.

Based on published geological information, overburden soil materials at and in the vicinity of the Site generally consist of gravel and sand, known as Glaciofluvial outwash or ice-contact deposits (Ontario Ministry of Northern Development and Mines Map No. 2556). Bedrock on the Site is comprised of sandstone, shale, dolostone and siltstone of the Guelph and/or Amabel Formation.

Based on a review of the Ministry of the Environment (MOE) Water Well Records for Ontario, the closest drilled well (other than environmental monitoring wells) in relation to Parcel B is located on-Site approximately 100 m northeast of the centre of Parcel B. That record indicated that sulphur water was found at 70 feet below ground surface ("ft bgs"). The water well record indicates clay, sand and stones extended to 19 ft bgs, overlying white limestone to 70 ft bgs, brown limestone to 105 ft bgs, black limestone to 120 ft bgs and grey limestone to 132 ft bgs.

Regional groundwater flow is expected to be in a southeasterly direction towards Lake Ontario. It should be noted, however, that the direction of groundwater flow could be influenced by the presence of relict underground structures on-Site. It is likely that the local groundwater flow will be towards Howitt Creek.

Significant overburden stockpiling and fill is present on Parcels B and C.

## 2.3 Site Operations

Lafarge is the current owner of the Site.

Historical data reviewed by Golder suggests that Parcels B and C were utilized for sand and gravel extraction from the early 1900s to approximately 1970. A Dames & Moore, Canada report (1992) indicated that in June 1992 a portion of Parcel B was reportedly owned or occupied by McArthur Engineering and Construction Company. In 1929, Innerkip Lime and Stone Company of Woodstock leased a portion of Parcel C.

Barber Building Block Company was present on Parcel B in 1951. From the early 1930s to 1957 Parcel B was owned and operated by Guelph Sand and Gravel. Standard Aggregates (a division of Lafarge) purchased the land from Guelph Sand and Gravel in the late 1950s. Lafarge later purchased Barber Building Block Company in 1974.

Historical data reviewed by Golder indicates that an asphalt plant, the Red-D-Mix (Hamilton) Ltd. facility, the Barber Building Block Company, and a crusher and conveyors were located on Parcel B (east of Silvercreek Parkway South).

The crushed stone was washed down with water from the holding pond located in the south portion of Parcel B. After washing, the wastewater was directed towards several sedimentation settling ponds across Parcel B.

Between 1964 and 1965 the Red-D-Mix plant was dismantled and rebuilt on Parcel C (west of Silvercreek Parkway South). In the early 1990s, Nolan Construction and Arbro Concrete Forming leased a portion of the Red-D-Mix facility on Parcel C. The Barber Block Building remained in its original location on Parcel B until 1980.

As indicated in Section 2.2, Howitt Creek flows south towards Speed River. Historically, the creek ran east and west across the Site. After 1978, the creek had been diverted.

The building on Parcel A is currently leased by Evans Industrial for truck maintenance activities. The Site representative reported that a portion of the building was formerly used for storage of Lafarge records. According to the available street directories (see Section 3.2), the building has been occupied by Lafarge Construction from 1995 to present, occupied by Permanent Paving Company from 1983 to 1994, vacant in 1982, occupied by Henderson's Roll-Off Services Ltd. in 1980 and 1981, and listed as "storage" in 1978 and 1979.

### 3.0 HISTORICAL RECORDS REVIEW

#### 3.1 Aerial Photographs

A review of aerial photographs for the years 1930, 1964, 1972, 1981 and 1990 obtained from the National Air Photo Library in Ottawa was conducted to develop a history of the development of the Site and surrounding properties (within 200 m). Information obtained from the aerial photographs review is summarized in Table 1 and copies of the aerial photographs are presented in Appendix 1.

**Table 1**  
**Aerial Photographs of the Site and Surrounding Area**

Date	Site	Surrounding Property Direction			
		North	West	South	East
1930	Parcel A and a portion of Parcel B appear to be graded. Agricultural land is also present on Parcel B. Parcel C appears to be agricultural and vacant land.	Canadian National Railway line then undeveloped and agricultural land.	Undeveloped and agricultural land.	Canadian National Railway line then undeveloped, agricultural and residential land.	Canadian National Railway line and residential properties.
1964	Parcel A and the east portion of Parcel B are not within the aerial photograph. Parcel C and the west portion of Parcel B appear as active sand and gravel operations. The land is characterized by roadways, ponded water and excavated areas.	Canadian National Railway line then residential properties.	Extensive plant activities then vacant and agricultural.	Views south of the Site not within the scope of the aerial.	Views east of the Site not within the scope of the aerial.
1972	Parcel A constructed with one (1) building. It cannot be determined whether the building is consistent with the current building. Parcels B and C developed with sand and gravel operations.	Canadian National Railway line then residential properties.	Same as above.	Canadian National Railway line then residential properties and undeveloped areas. Quarrying activities noted on properties southwest of Parcel C.	Canadian National Railway line then residential properties and some industrial/commercial development.
1981	Parcel A same as in 1972. Sand and gravel operations limited to the centre portion of Parcel C and the northeast portion of Parcel B. Red-D-Mix	Same as above.	Highway 6 North, then vacant land.	Same as above.	Same as above.

Date	Site	Surrounding Property Direction			
		North	West	South	East
	Concrete plant present on Parcel C.				
1990	Same as above.	Same as above.	Highway 6 North, then vacant land and residential properties.	Same as above.	Same as above.

Information available from the review of aerial photographs is limited by the scale of the aerial photography. Based on the review of the available historical aerial photography, the Site was developed between 1930 and 1964. The properties surrounding the Site were primarily developed for agricultural and residential use prior to 1930 and developed further west for industrial use between 1930 and 1964. Canadian National Railway lines appears to have been developed adjacent to the Site prior to 1930. Further discussion of this issue is presented in Section 4.14.

### 3.2 Review of Street Directories

A review of available city street directories (1967 to 2003) located at the Toronto Reference Library was performed by Golder in order to review the occupancy history of the Site and surrounding properties.

According to the available street directories, Lafarge Construction has occupied Parcel A from 1995 to present. Parcel A was listed as being occupied by Permanent Paving Company from 1983 to 1994, vacant in 1982, occupied by Henderson's Roll-Off Services Ltd. in 1980 and 1981, and listed as "storage" in 1978 and 1979. Industrial and commercial properties listed in the street directories in the vicinity of Parcel A include: Red-D-Mix Concrete Co. (167 Inkerman Street) from 1974 to 1980, Guelph Sand and Gravel Co. office (165 Inkerman Street) in 1973, Guelph Sand and Gravel Co. office (169 Inkerman Street) in 1967 and 1968, and Barber Building Blocks Ltd. plant and yard (167 Inkerman Street) in 1967 to 1973.

According to the available street directories, Lafarge Construction Materials has occupied 45 Silvercreek Parkway South from 1998 to 2001. It is Golder's understanding that 45 Silvercreek Parkway South was located on the east side of Silvercreek Parkway South (Parcel B). However, the street directories indicated that 45 Silvercreek Parkway South was located on the west side of Silvercreek Parkway South (Parcel C). This report will continue to refer 45 Silvercreek Parkway South as Parcel B. From 2002 to present, 45 Silvercreek Parkway South was listed as vacant in the street directories. The 1973 street directories indicated that Red-D-Mix Concrete Co. was listed on Silvercreek Parkway South (no street address listed). Residential properties were the only other properties listed on Silvercreek Parkway South in the street directories.

Commercial and/or industrial properties, with addresses in the vicinity of the Parcels A and B were first listed as being present on Petrolia Road (north of east portion of Parcel B) in 1967. Industrial and commercial properties listed on Petrolia Road include: Knight Lumber Company Limited (12 Petrolia Road) from 1967 to present, Kemp Manufacturing Company Ltd. and Kemac Oil Heating Equipment and Metal Fabrication (19 Petrolia Road) from 1967 to 1978, Mike the Mover Ltd. and MC Moving (15 Petrolia Road) in 1998 and 1999, and All Pro Fast Freight (15 Petrolia Road) in 2002 and 2003.

No obvious issues of potential environmental concern were noted based on Golder's review of the street directories. It should be noted that the precise nature of operations historically conducted on these properties could not be confirmed.

### **3.3 Review of Insurance Maps and Reports**

Golder made a request to CGI Environmental Services ("CGI") on April 16, 2004 for any insurance reports or plans prepared for the Site. Two (2) fire insurance plans (1946 and 1960) were available from CGI covering Parcels A and B. A copy of the available information is presented in Appendix 2. Based on a review of the abovementioned documents, the following is noteworthy:

- The 1946 fire insurance plan noted one (1) underground storage tank (UST) located adjacent to a building marked "oils" in the northeast portion of Parcel B.
- The 1960 fire insurance plan noted three (3) USTs located in the northeast portion of Parcel B. The 1960 fire insurance plan did not mark the original UST noted in the 1946 fire insurance plan.
- The 1960 fire insurance plan also noted two (2) buildings, constructed with asbestos cladding, adjacent to two structures noted as "oil tanks" on Parcel B.

### **3.4 Regulatory Information**

As part of the scope of work, requests were made to regulatory agencies in order to establish if there is information on file related to the Site. The following agencies were contacted:

- Freedom of Information and Protection of Privacy office of the MOE ("FOI");
- Technical Standards and Safety Authority – Fuel Safety Division ("TSSA");
- City of Guelph ("City"); and
- Grand River Conservation Authority ("GRCA").

Golder made formal requests to the FOI, TSSA, the City, and the GRCA on March 24, 2004, for information held on file pertaining to the environmental status of the Site. The results of these efforts are described below.

### 3.4.1 Ontario Ministry of Environment

The Freedom of Information and Protection of Privacy ("FOI") office of the MOE was contacted to determine if the MOE has maintained a file with respect to the Site. Specifically, the MOE was asked what information they have regarding historic spills, orders and complaints.

A response regarding Parcel A was received from the MOE, dated May 14, 2004. The response included copies of documentation pertaining to HWIN registration details, generator reports and Acknowledgement of Subject Waste Registration. A copy of the response is provided in Appendix 3. The following information is noteworthy:

- The HWIN registration details indicated that Lafarge Canada Inc. (Generator No. ON0213909) is registered as a generator of aliphatic solvents, petroleum distillates, light fuels, oil skimmings and sludges and waste oils and lubricants.

A response regarding Parcel B was received from the MOE, dated May 18, 2004. The response included a copy of documentation pertaining to subject waste registration. A copy of the response is provided in Appendix 3. The following information is noteworthy:

- The subject waste registration documents indicated that Red-D-Mix Concrete (Generator No. ON0321713) was registered as a generator of waste oils and lubricants.

A response regarding Parcel C was received from the MOE, dated May 14, 2004. The response included a copy of a Certificate of Approval (Industrial Sewage Works). A copy of the response is provided in Appendix 3. The following information is noteworthy:

- Certificate of Approval (Industrial Sewage Works) No. 0664-5BGRGH, dated June 28, 2002, is an approval for a stormwater management facility for expansion of an existing refrigerator manufacturing plant with discharge of stormwater to the adjacent municipal drain along Whitelaw Road (Township Road No. 5). It is noteworthy that Whitelaw Road is located approximately 2 km south southwest of Parcel C. It is Golder's opinion that the Certificate of Approval is not referring to Parcel C, but to a parcel of land that has a similar legal description.

Golder was informed by Mr. Randy Warren of Lafarge that the MOE reported that there was petroleum impacted groundwater upgradient of the Site. Further discussion of this issue is presented in Section 4.15.

Golder was also informed by Ms. Pam Kraft of Lafarge that a fire occurred on Parcel A approximately seven (7) years ago. The cause of the fire and the extent of the damages are unknown. The historical fire is noted as an issue of potential environmental concern.

In addition to the above, Golder reviewed the following database information:

- MOE Ontario Inventory of PCB Storage Sites (2000);
- MOE Waste Disposal Site Inventory (1991); and
- MOE Waste Generator Database (2000).

These information sources indicated that:

- The Site is not registered as a PCB storage site in the 2000 MOE Inventory of PCB Storage Sites. According to the inventory, one (1) registered PCB storage site is located at Zehrs Market – Will West Shopping Centre (Willow Road West and Silvercreek Parkway), located approximately 1.0 km northwest of Parcels B and C. According to the inventory the PCB storage site is considered a low level site (< 1,000 ppm) with one (1) drum of soil (400 kg), one (1) drum of other material (150 kg), and a high level site (> 1,000 ppm) with 303 capacitors and 10 drums of ballasts.
- The Site is not listed as a former municipal coal gasification plant or as an industrial site producing and using coal tar and related tars.
- No active waste disposal sites are listed within 2 km of Parcels A, B, or C in the MOE Waste Disposal Site Inventory (1991). One (1) closed waste disposal site listed in the MOE Waste Disposal Site Inventory (1991) is located approximately 1.1 km east northeast of Parcel A, 1.3 km east northeast of Parcel B, and 1.6 km east northeast of Parcel C. The closed waste disposal site reportedly contains urban, municipal/domestic wastes and has been closed over 20 years.
- Listings for Parcels A and B were found in the MOE Waste Generator Database (2000). Table 2 provides a listing of the waste classes registered at Parcel A (163 Inkerman Street, Lafarge Canada Inc.), under Generator No. ON0213909, and Parcel B (45 Silvercreek Parkway, Lafarge Canada Inc.), under Generator No. ON0321713.

**Table 2**  
**Registered Waste Classes**

<b>Lafarge Canada Inc. (163 Inkerman Street – Parcel A)</b>	
<b>Waste Class</b>	<b>Description</b>
212L	Aliphatic Solvents (Liquid Industrial Waste)
213I	Petroleum Distillates (Ignitable)
221I	Light Fuels (Ignitable)
251*	Oil Skimmings & Sludges (For Manifest, Specific Gravity)
251T	Oil Skimmings & Sludges (Leachate Toxic)

252L	Waste Oils & Lubricants (Liquid Industrial Waste)
<b>Lafarge Canada Inc. (45 Silvercreek Parkway – Parcel B)</b>	
<b>Waste Class</b>	<b>Description</b>
252L	Waste Oils & Lubricants (Liquid Industrial Waste)

Golder's review of the Waste Generator Database for neighbouring properties identified several registered generators of subject waste in the vicinity of the Site. Specifically, the property at 20 Alma Street South (Control Painting and Office Services) located approximately 200 m east of the Site, is listed as a generator of aromatic solvents. The properties at 159, 161, 218, 222, and 248 Silvercreek Parkway North (Star 1 Hour Photo Lab, Shoppers Drug Mart, K.C.S. Photolab, A & P Drug Mart Ltd., and Chemisar Laboratories Inc., respectively), all located approximately 1.0 km north of the Site, are listed as a generators of subject wastes including photoprocessing wastes, pharmaceuticals, pathological wastes, and organic laboratory chemicals.

### 3.4.2 Technical Standards and Safety Authority – Fuel Safety Division

The Technical Standards and Safety Authority – Fuel Safety Division (“TSSA”) maintains records related to registered underground storage tanks (“USTs”) for petroleum-related products. The TSSA was contacted to establish the status of the Site with respect to their Agency, to identify outstanding instructions, incident reports, fuel oil spills or contamination records associated with the Site. Based on a conversation between Golder and Mr. Prem Lal of TSSA on March 24, 2004, a computer search of the Site municipal address indicated no outstanding incident reports, instructions, fuel oil spills or contamination records respecting the Site. In addition, no USTs were licensed or registered for the Site.

Although registered aboveground or underground storage tanks were not identified through the TSSA search, previous reports prepared by others indicated that at Parcel B and Parcel C each contained an underground storage tank for fuelling purposes. The survey diagram is dated December 17, 1975. Further discussed of the underground storage tanks is presented in Section 3.5.

### 3.4.3 City of Guelph – City Hall

A request for information was made to the City for records and information on sanitary wastewater or storm sewer-use non-compliance events contravening the local Sewer-Use By-Law and other environmental concerns on record for the Site. At the time of writing this report, no response had been received from the City. When a formal response is received, it will be reviewed. A copy of the response will be forwarded to Lafarge with a brief discussion, and that information should be appended to this report, in Appendix 3.



Previous reports prepared by others (Dillon Consulting Engineers, March 1992) indicate that the storm water runoff from approximately 600 acres of residential/commercial lands situated north of the Site collects primarily in Howitt Creek which flows south towards Speed River. Further discussion of this issue is presented in Section 3.6.

#### **3.4.4 Grand River Conservation Authority**

A request for information on zoning restrictions and sensitive habitats was made to the GRCA. Under the *Conservation Authorities Act*, there may be restrictions to building and fill placement within the flood line and the fill line of a river or creek. Permits are required for the fill, construction or alteration of lands on or adjacent to floodplains and waterways.

At the time of writing this report, no response had been received from the GRCA. When a formal response is received, it will be reviewed. A copy of the response will be forwarded to Lafarge with a brief discussion, and that information should be appended to this report, in Appendix 3.

#### **3.5 Previous Investigations**

Several reports containing environmental information have been generated for the Site. The following reports were available for review:

- Report on, Summary of Environmental Findings and Proposed Remedial Strategies, Canada Lafarge Site, Guelph, Ontario, prepared by Dames & Moore, Canada, December 9, 1991.
- Report on, Subsurface Environmental Investigation, Red-D-Mix Site, Guelph, Ontario, Standard industries, Division of Lafarge Canada Inc., prepared by Dillon Consulting Engineers, March 1992.
- Draft report on, Environmental Investigation and Hydrogeologic Assessment for a Proposed Development in Guelph by Candevco Properties Group Inc., prepared by Dames & Moore, Canada, April 15, 1992.
- Report on, Annual Groundwater Sampling Program at the Red-D-Mix Site, Silvercreek Parkway, Guelph, prepared by XCG Environmental Services Inc., May 13, 1994.
- Report on, Annual Groundwater Sampling Program at the Red-D-Mix Site, Silvercreek Parkway, Guelph, prepared by XCG Environmental Services Inc., April 13, 1995.
- Report on, Annual Groundwater Sampling Program at the Red-D-Mix Site, Silvercreek Parkway, Guelph, prepared by XCG Environmental Services Inc., July 19, 1996.
- Draft Report on, Red-D-Mix Plant, 45 Silvercreek Parkway South, Guelph, Ontario, prepared by O'Connor Associates Environmental Inc., September 25, 1997.

- Draft Report on, Red-D-Mix Plant, 45 Silvercreek Parkway South, Guelph, Ontario, prepared by O'Connor Associates Environmental Inc., October 8, 1997.
- Report on, Geophysical investigation in Guelph, Ontario, prepared by multiVIEW Geoservices Inc., October 1997.
- Report on, Red-D-Mix Plant (Northeast Parcel), 45 Silvercreek Parkway South, Guelph, Ontario, prepared by O'Connor Associates Environmental Inc., April 9, 1998.

The following presents a brief summary of the more significant findings of these documents:

- The Dames & Moore report (1991) indicated that the field investigation included 34 test pits (excavated to depths of 3.0 to 4.4 m), 13 boreholes (drilled to depth of 3 to 8 mbgs), 13 groundwater monitor installations, and five (5) temporary stream gaging points to address the potential environmental concerns that were reportedly identified in previous reports. The potential environmental concerns and the results of the investigation noted in the report are as follows:
  - Previous road oiling – the results of one (1) sample of oily road bed material (obtained from the roadway extending east off Silvercreek Parkway) was reportedly non-detectable for PCBs.
  - Environmental quality of overburden sand and gravel – 11 samples of the overburden were submitted for phytotoxicology analysis, and the results were reportedly compared to the MOE Decommissioning Guidelines (1990) and CCME (1991) both for residential/parkland and commercial/industrial uses. All reported analytical values reportedly passed the above guidelines.
  - Abandoned underground fuel storage tank northeast corner of property – test pits and one (1) borehole constructed into the till in the immediate vicinity of the tank reportedly did not reveal any visual or olfactory evidence of hydrocarbon contamination.
  - Underground diesel storage tank in-use west of Silvercreek Parkway – the groundwater and soil samples extracted from one (1) borehole were tested for TPH and BTEXs. The BTEX and TPH results for both groundwater and soils at and below the water table reportedly exceeded Alberta and CCME criteria established for both residential/parkland and commercial/industrial land uses.
  - Tar materials in the soil near the former asphalt plant – evidence of a tar-like substance was reportedly found during the test pit program northeast of the creek and cold asphalt was reportedly identified near the former asphalt plant, northwest of the creek. The report also indicated that the tar material appears not to contribute contamination to the underlying soils. The exact locations of these materials was not noted on the figures within this report.
  - Crushed drums and underlying contaminated soil – 20 (45 gallon) drums containing a tar-like residue were reportedly identified. The TPH results of the soil obtained in the immediate vicinity of the drums reportedly exceeded the Alberta guidelines.

- Demolition debris – 400 m<sup>3</sup> of concrete and brick and 250 m<sup>3</sup> of mixed wood waste, asphalt, concrete, brick and steel were reportedly noted east of the creek, while 2,000 m<sup>3</sup> of mixed wood waste, asphalt, concrete, brick and steel were reportedly noted west of the creek. The locations of the demolition debris were not noted on the figures in this report.
- The report also indicated that an abandoned water well was reportedly identified in a water well record.
- The report prepared by Dillon (1992) indicated that two (2) gasoline tanks and one (1) diesel tank were removed from Parcel C and one (1) 5,000 gallon underground diesel tank was in-use on Parcel C. The report concluded that based on samples taken from a combination of test pitting, soil drilling and groundwater well installation, petroleum hydrocarbons were identified in the soil and groundwater in the immediate vicinity of the former and present vehicle fuelling areas. The report also concluded that the hydrocarbons did not appear to have moved far from their assumed source, however the soil and groundwater have been impacted locally.
- The Dames & Moore (1992) report indicated that:
  - there were reportedly several storage areas located throughout Parcel C and included: drums of HCl in a metal shed outside the main plant, two drums of crete release agent for stripping, stored adjacent to the truck wash area, limestone, sand and gravel stored in concrete corals, six aboveground storage tanks (ASTs) (one empty, one each of slag cement, Portland cement and fly ash, and two containing diesel), one diesel underground storage tank (UST), three ASTs used for the storage of calcium chloride, sodium hydroxide, and triethanolamine were located inside the Red-D-Mix building;
  - there were reportedly several wastes produced on-Site and included: sanitary wastes discharged to a septic system (septic tank and tile bed), concrete truck washing wastewater (containing hydrochloric acid) ran onto the surface soils, waste oils and lubricants from machine and truck maintenance activities, and oils placed on roadways for dust control;
  - there was reportedly one fuel tank that appeared to be filled with sand in the northeast corner of Parcel B and that there were two former USTs associated with the former Red-D-Mix concrete plant (Parcel B);
  - there was reportedly no evidence of asbestos-containing materials or electrical equipment containing PCBs at the Red-D-Mix facility; and
  - there have reportedly been no reportable spills, although oil staining was reportedly observed outside the south wall of the Red-D-Mix building in the vicinity of the truck oil change area and adjacent to the truck washing area.
- The Dames & Moore (1992) identified the following areas of potential environmental concern:
  - Oil-stained soil reportedly observed south of the Red-D-Mix plant building and in the vicinity of the truck oil and grease changing area;

- Seepage of dilute hydrochloric acid solution onto the ground in the vicinity of the concrete truck washing station;
  - The possible soil and groundwater contamination from former diesel and gasoline USTs in front of the Red-D-Mix plant;
  - The possible groundwater contamination from a diesel UST currently used west of Silvercreek Parkway South;
  - The quality of the fill material located in the sedimentation/settling ponds;
  - The quality of fill mixed with construction demolition materials and buried drums located east of Silvercreek Parkway South;
  - The possible soil and groundwater contamination from an abandoned diesel UST (now filled with sand) located south of the former Barber Building Block Company;
  - Road bed contamination with oiling activities;
  - The possible soil and groundwater contamination from two former USTs located on the former Red-D-Mix property east of Silvercreek Parkway South;
  - The stream sediments in the former alternate creek drain course prior to 1978;
  - The overburden quality for commercial/industrial/parkland/residential land use development; and
  - The abandoned water well located in the northeast corner of the Site.
- The Dames & Moore (1992) report concluded that based on the results of the chemical analyses and field observations, the Site is suitable for commercial and/or residential development provided:
    - The well is appropriately abandoned;
    - The crushed drums and underlying stained soil are removed;
    - The abandoned fuel tank and backfill material in the northeast corner of the Site are removed;
    - The cold asphalt and tarry material in the north-central portion of the Site are removed;
    - The diesel tank presently in use near the Red-D-Mix plant is appropriately decommissioned;
    - The contaminated soils and groundwater in the vicinity of the former diesel and gasoline tank on the Red-D-Mix property are remediated to acceptable standards;
    - The construction and demolition materials, as well as the fill in the south-central portion of the Site are removed; and
    - The oily road bed surfaces and stained soil are removed.

- The multiVIEW report (1997) indicated that 40 in-phase anomalies, representing buried metallic objects were reportedly delineated on the east portion of Parcel B, 25 in-phase anomalies, representing buried metallic objects were reportedly delineated on the southwest portion of Parcel B, and five (5) in-phase anomalies, representing buried metallic objects were reportedly delineated on the east portion of Parcel C.
- Reports by Dames and Moore (1991, 1992), XCG Environmental Services (1994, 1995), M.M. Dillon (1992), and O'Connor Associates Environmental (1997, 1998) indicated that soil and groundwater in Parcels B and C were impacted by total petroleum hydrocarbons, volatile organic compounds, and inorganic chemicals. The greatest degree of contamination tended to occur within the southeastern portion of the Lafarge Site (i.e. Parcel C / former Red-D-Mix Plant Area).

## **4.0 SITE VISIT FINDINGS**

Ms. Stefania Sottile of Golder conducted a Site visit on March 25, 2004. Golder was accompanied on the Site reconnaissance for Parcel A by Mr. Greg Schneider, Evans Industrial. Golder was not accompanied on the Site reconnaissance for Parcels B and C by a Site representative. The Site visit was documented with photographs and additional notes. At the time of the Site reconnaissance visits, the weather conditions were overcast, and the temperature was approximately 15°C. The ground surface of the Site was damp at the time of the Site visit. Where appropriate, references to issues of potential environmental concern are provided in Figure 2 and photographs of some of the features noted during the Site visit are attached in Appendix 4.

The Phase I ESA findings as presented below are organized according to the issue of potential environmental concern (air emissions, wastewater discharges, etc.). The area was examined for visual or olfactory indications of potential environmental concern. The Site reconnaissance also included a cursory inspection of neighbouring properties from the Site and publicly accessible areas. The results of the Site reconnaissance are discussed below.

### **4.1 Air Emissions**

Current discharges to the atmosphere from the Site are limited to emissions from truck maintenance activities as part of the Evans Industrial operations on Parcel A, including hand-held tools, minor sanding and welding. There are no emissions currently discharged to the atmosphere from Parcels B and C.

The Site reportedly does not have a Certificate of Approval (Air) from the Ministry of Environment. No obvious issues of material environmental concern were noted with respect to air emissions.

### **4.2 Water and Wastewater Discharges**

Water is provided to the building on Parcel A by the City of Guelph. Water is reportedly only used for sanitary purposes.

Ponded water was not observed on-Site. However, former settling ponds noted in previous reports were located on Parcels B and C, while sand and gravel activities, as well as the asphalt plant, were in operation. In addition, water was reportedly mixed with hydrochloric acid and used to wash trucks. Previous reports indicated that the wastewater associated with truck washing drained on-Site.

Stormwater intercepted on-Site seeps into the ground, or drains towards Howitt Creek. Available reports suggest that the creek has been redirected in the past in order to facilitate washing activities.

### **4.3 Waste Management and Handling**

There are two (2) broad waste classes currently recognised under Ontario law: subject waste and non-hazardous solid waste. Subject waste is that waste which is subject to the manifesting and generator registration requirements of Ontario Regulation 347, and includes liquid industrial wastes and hazardous wastes. Non-hazardous solid waste refers to that which is not subject to the generator registration and manifesting requirements of Ontario Regulation 347. These broad waste classes changed on March 31, 2001 when Ontario Regulation 558/00, which applies exclusively to liquid industrial and hazardous waste, came into effect.

#### **4.3.1 Site Observations Regarding Subject Waste**

The Site is not currently registered with the MOE as a generator of subject waste.

Activities conducted on Parcel A generate subject wastes including waste oil and lubricants (from machine and truck maintenance activities) and petroleum distillates (from a parts cleaner). The Site representative indicated that waste oils from truck maintenance activities are manually poured into an aboveground storage tank (AST) located on-Site. The AST is located outside along the north side of the building on Parcel A, and was observed to be provided with a wooden shelter and a concrete containment. Significant staining was observed on the AST and on the concrete enclosure. Staining was also observed on the asphalt surrounding the concrete closure. The Site representative indicated that the parts cleaner is maintained by Safety Kleen. No staining or evidence of upset was noted on the concrete floor surrounding the parts cleaner.

Golder observed a concrete pit located in the workshop of Parcel A. The concrete was approximately 6 m in length, 2 m in width and 1.5 m deep. The pit is used for maintenance activities (i.e. oil changes). At the time of the Site reconnaissance visit, the pit was observed to be stained. The Site representative indicated that concrete pit did not appear to have any cracks or pitting.

Subject wastes would have at one time been generated on Parcels B and C during former operations. The former handling and storage practices of subject wastes on Parcels B and C are unknown.

Previous reports indicated that there were reportedly several wastes produced on-Site and included: sanitary wastes discharged to a septic system (septic tank and tile bed), concrete truck washing wastewater (containing hydrochloric acid) ran onto the surface soils, waste oils and lubricants from machine and truck maintenance activities, and oils placed on roadways for dust control.

#### **4.3.2 Site Observations Regarding Non-hazardous Solid Waste**

At the time of the Site reconnaissance visit, Parcels B and C were observed to be littered with a variety of general refuse and debris at the time of the Site reconnaissance visit.

The Site representative indicated that minor amounts of non-hazardous wastes are produced on Parcel A and are limited to paper and lunch wastes.

Parcel B was observed to have roadway remnants, and several areas littered with a variety of household wastes and construction debris. The former drum storage area, the former truck washout area, the former asphalt plant area and a portion of land along Silvercreek Parkway South were the areas most highly subjected to litter. Household wastes observed consisted of carpet, styrofoam, newspapers, plastic and glass bottles, cans, a sink, tires, scrap wood and branches and general refuse. Construction wastes observed on Parcel B included rusted metal cladding, concrete pieces covered with asphalt and rusted metal ropes. Isolated burned areas were also noted throughout Parcel B.

Parcel C was observed to have roadway remnants, and areas littered with a variety of household wastes and construction debris. The former Red-D-Mix plant area and a portion of land immediately north of the south Canadian National Railway line were the areas most highly subjected to litter. Household wastes observed consisted of styrofoam, newspapers, plastic and glass bottles, cans, scrap wood and branches, whole and broken concrete and bricks and general refuse. Isolated burned areas were also noted throughout Parcel C.

#### **4.4 Material and Chemical Storage, Handling and Management**

Chemical storage on Parcel A was limited to small quantity containers of paints, oils, lubricants, body filler, reducers and Varsol. The small quantity containers were observed inside the workshop on metal shelves and on the concrete floor. A parts cleaner was also observed in the workshop. No staining or evidence of upset was noted on the concrete floor surrounding the chemical storage areas.

In addition, coloured and clear diesel was stored in two (2) ASTs located outside the south wall of the building on Parcel A. Further discussion of the ASTs is presented in Section 4.13.1.



Chemical storage was not observed on Parcels B and C at the time of the Site reconnaissance visit.

Previous reports summarized in Section 3.5 noted several ASTs and USTs for fuelling purposes were located on Parcels B and C. Further discussion regarding the ASTs and USTs is presented in Sections 4.13.1 and 4.13.2.

A previous report [Dames & Moore (1992)] indicated that there were reportedly several storage areas located throughout Parcel C and included: drums of HCl in a metal shed outside the main plant, two drums of crete release agent for stripping stored adjacent to the truck wash area, limestone, sand and gravel stored in concrete corals, six ASTs (one empty, one each of slag cement, Portland cement and fly ash, and two containing diesel), three ASTs used for the storage of calcium chloride, sodium hydroxide, and triethanolamine were located inside the Red-D-Mix building.

No staining or evidence of upset was noted on the ground surface throughout Parcels B and C.

#### **4.5 Polychlorinated Biphenyl-Containing Materials and Equipment (PCBs)**

At the time of the Site reconnaissance visit, no stained or leaking electrical equipment was noted during the Site reconnaissance visit.

However, based on the age of the earlier building structures, it is considered possible that PCBs would have been in the electrical equipment that was on-Site. Where that equipment was removed to, is not known.

#### **4.6 Asbestos-Containing Materials (ACMs)**

No suspect friable ACMs were observed by Golder during the Site visit. However, as indicated in Section 3.3, a 1960 fire insurance plan noted two (2) buildings constructed with asbestos cladding on Parcel B. Based on the age of the earlier building structures, it is considered likely that ACMs were present in other building materials on-Site and possibly in such places as buried transite piping. It is currently not possible to confirm or refute whether any of these materials were or, remain on-Site.

#### **4.7 Lead-Based Paints**

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 0.5 percent by weight (e.g. road paint). Due to the age of the earlier Site buildings, it is considered possible that lead-based paints may have been used on-

Site. However, the potential on-Site presence of lead-based paints is not considered to be an issue of significant environmental concern.

#### **4.8 Ozone-Depleting Substances**

No potential ODSs substances were observed.

#### **4.9 Mercury**

No potential on-Site sources of mercury such as thermostats or barometer gauges were observed.

#### **4.10 Radioactive Materials**

No equipment that may contain radioisotopes was observed on-Site during the Site reconnaissance.

#### **4.11 Radon Gas**

Radon gas is a product of the natural decay series that begins with uranium. Radon is produced directly from radium, which can be commonly found in geological units that contain black shale and/or granite. Radon gas can migrate through the ground and enter buildings through porous concrete or fractures. Radon tends to accumulate in poorly ventilated basements. In general, soils in southern Ontario have a low radon gas generating potential.

Due to the fact that there are no basements located on-Site, radon gas is not considered to be an issue of environmental concern.

#### **4.12 Herbicides and Pesticides**

Golder is unaware of herbicides and pesticides used on-Site.

#### **4.13 Storage Tanks**

##### **4.13.1 Site Observations - Aboveground Storage Tanks**

As indicated in Sections 3.5 and 4.4, several aboveground storage tanks (ASTs) are, or were, located on-Site. Table 3 below provides a summary of the ASTs.

**Table 3**  
**Current and Former Aboveground Storage Tanks**

<b>Parcel A</b>			
<b>Construction</b>	<b>Volume</b>	<b>Contents</b>	<b>Status / Observations</b>
Steel (1991)	4,500 L	Coloured diesel	In-use and provided with secondary containment in the form of a concrete enclosure and roof. Minor staining was observed on the concrete pad immediately beside the concrete enclosure where refueling activities occur (the base of the concrete enclosure could not be observed at the time of the Site visit).
Steel (1991)	4,500 L	Clear diesel	In-use and provided with secondary containment in the form of a concrete enclosure and roof. Minor staining was observed on the concrete pad immediately beside the concrete enclosure where refueling activities occur (the base of the concrete enclosure could not be observed at the time of the Site visit).
<b>Parcel B</b>			
<b>Construction</b>	<b>Volume</b>	<b>Contents</b>	<b>Status / Observations</b>
Unknown	Unknown	Oil	Not observed during the Site visit - Information from CGI (see Section 3.3)
Unknown	Unknown	Oil	Not observed during the Site visit - Information from CGI (see Section 3.3)
<b>Parcel C</b>			
<b>Construction</b>	<b>Volume</b>	<b>Contents</b>	<b>Status / Observations</b>
Unknown	500 L	Diesel	Formerly located in the truck wash area [Dames & Moore (1992) report]. Not observed during the Site visit.
Unknown	500 L	Diesel	Formerly located in the truck wash area [Dames & Moore (1992) report]. Not observed during the Site visit.
Unknown	2,000 L	Calcium	Formerly located south of the main plant [Dames & Moore (1992) report]. Not observed during the Site visit.
Unknown	100 tonne capacity	Slag cement	Formerly located on Parcel C [Dames & Moore (1992) report] - specific location not noted in report. Not observed during the Site visit.
Unknown	130 tonne capacity	Portland cement	Formerly located on Parcel C [Dames & Moore (1992) report] - specific location not noted in report. Not observed during the Site visit.
Unknown	Unknown	Fly ash	Formerly located on Parcel C [Dames & Moore (1992) report] - specific location not noted in report. Not observed during the Site visit.
Unknown	7,000 L	Calcium chloride	Formerly located inside the Red-D-Mix building [Dames & Moore (1992) report]. Not observed during the Site visit.
Unknown	9,200 L	Prokrete (triethanolamine)	Formerly located inside the Red-D-Mix building [Dames & Moore (1992) report]. Not observed during the Site visit.
Unknown	1,200 L	Pro air (sodium hydroxide)	Formerly located inside the Red-D-Mix building [Dames & Moore (1992) report]. Not observed during the Site visit.

#### 4.13.2 Site Observations - Underground Storage Tanks

No evidence of underground storage tanks ("USTs"), such as fill or vent pipes, was observed at the time of the Site reconnaissance.

As indicated in Sections 3.5 and 4.4, previous reports indicated that there were several USTs formerly located on Parcels B and C. Table 4 summarizes the USTs formerly located on Parcel B and C.

**Table 4**  
**Former Underground Storage Tanks**

Parcel B			
Construction	Volume	Contents	Status / Observations
Unknown	Unknown	Fuel (specific type unknown)	Was reportedly filled with sand and abandoned (has reportedly since been removed). Formerly located in the northeast portion of Parcel B [Dames & Moore (1992) report]. Evidence of the UST was not observed during the Site visit. UST noted on the 1960 fire insurance plan received from CGI (see Section 3.3).
Unknown	Unknown	Unknown	UST noted in the northeast portion of Parcel B on the 1946 fire insurance plan received from CGI (see Section 3.3). This UST was not noted in the 1960 fire insurance map. Evidence of the UST was not observed during the Site visit.
Unknown	Unknown	Unknown	UST noted to be east of the former asphalt plant, at the original Red-D-Mix Concrete (Hamilton) Ltd. plant.
Unknown	Unknown	Unknown	UST noted to be east of the former asphalt plant, at the original Red-D-Mix Concrete (Hamilton) Ltd. plant.
Parcel C			
Construction	Volume	Contents	Status / Observations
Steel	22,500 L	Diesel	Formerly located east of the main plant and reportedly installed in 1990 [Dames & Moore (1992) report]. Evidence of the UST was not observed during the Site visit.
Unknown	Unknown	Diesel	Formerly located on Parcel C [Dames & Moore (1992) report] – specific location not noted in report. Evidence of the UST was not observed during the Site visit.
Unknown	Unknown	Gasoline	Formerly located on Parcel C [Dames & Moore (1992) report] – specific location not noted in report. Evidence of the UST was not observed during the Site visit.

#### 4.14 Spills

A spill is broadly termed an event or release that may cause, or is likely to cause, adverse effects on human health or the natural environment. At the time of the Site reconnaissance visit, no significant staining or evidence of upset was noted to indicate a spill had recently occurred on-Site.

Staining or evidence of upset could not be observed in certain areas due to the amount of overgrown vegetation on Parcels B and C.

#### 4.15 Surrounding Land Use

During the Site visit, a visual reconnaissance of the outdoor operations of the adjacent properties that may potentially impact the Site was carried out from the Site and publicly accessible areas.

The use of the surrounding properties is detailed on Figure 2. The following describes observations of neighbouring lands.

##### **NORTH**

Properties north of the Site are inferred to be hydrogeologically up-gradient to the Site and are developed for residential use. Properties located further north, beyond the residential area, are developed for industrial/commercial use. The north property boundaries of Parcels A, B and C are adjacent to a Canadian National Railway line. The historical presence of a railway line is noted as an issue of potential environmental concern for the Site, based on the potential for historical spills to have occurred along the line.

As indicated in Section 3.4.1, Golder's review of the Waste Generator Database (2001) for neighbouring properties identified several registered generators of subject waste in the vicinity of the Site. Specifically, the property at 20 Alma Street South (Control Painting and Office Services) located approximately 200 m east of the Site, is listed as a generator of aromatic solvents. The properties at 159, 161, 218, 222, and 248 Silvercreek Parkway North (Star 1 Hour Photo Lab, Shoppers Drug Mart, K.C.S. Photolab, A & P Drug Mart Ltd., and Chemisar Laboratories Inc., respectively), all located approximately 1.0 km north of the Site, are listed as a generators of subject wastes including photoprocessing wastes, pharmaceuticals, pathological wastes, and organic laboratory chemicals.

During the Site reconnaissance visit, Golder noted an AST located on a residential property immediately north of Parcel B, beyond the Canadian National Railway line. No staining or evidence of upset was noted on the ground surface surrounding the AST.

No other occupancies were identified that present obvious issues of environmental concern for the Site.

### **EAST**

Properties east of the Site are inferred to be hydrogeologically down-gradient to the Site. The properties east of the Site are developed and occupied mostly for residential use with some minor and industrial/commercial use. The east property boundary of Parcel B is adjacent to a Canadian National Railway line. The historical presence of a railway line is noted as an issue of potential environmental concern for the Site, based on the potential for historical spills to have occurred along the line.

No other occupancies were identified that present obvious issues of environmental concern for the Site.

### **SOUTH**

Properties immediately south of the Site are inferred to be hydrogeologically down-gradient of the Site. The properties south of the Site are developed for residential use. The south property boundaries of Parcels B and C are adjacent to a Canadian National Railway line. The historical presence of a railway line is noted as an issue of potential environmental concern for the Site, based on the potential for historical spills to have occurred along the line.

No other occupancies were identified that present obvious issues of environmental concern for the Site.

### **WEST**

The property immediately west of Parcel A consists of parkland, while the properties immediately west of Parcels B and C are developed for transportation use (Silvercreek Parkway South and Highway 6 North, respectively).

No occupancies were identified that present obvious issues of environmental concern for the Site.

## **4.16 Natural Environment Receptors**

### **4.16.1 Wetlands**

No significant wetlands were observed on the Site or within 200 m of the Site.

## 5.0 CONCLUSIONS

Based on the findings presented herein, the following issues of potential environmental concern are noted:

- Parcels B and C of the Site have been subject to sand and gravel extraction, asphalt making activities and concrete and block activities.
- Sedimentation ponds have historically been located on Parcels B and C.
- Fill placement has occurred on-Site of unknown aesthetic and chemical quality.
- Stormwater exiting the properties north of the Site drain onto Parcel B through Howitt Creek before entering Speed River. Several properties located approximately 1 km north of the Site are listed as generators of subject wastes. The chemical and waste storage practices on properties north of the Site are unknown. (In addition, Lafarge staff informed Golder that the MOE contacted Lafarge regarding potential contamination upgradient of the Site.)
- Water, reportedly mixed with hydrochloric acid, was used to wash trucks and the wastewater reportedly drained on-Site.
- Golder was also informed by Ms. Pam Kraft of Lafarge that a fire occurred on Parcel A approximately seven (7) years ago. The cause of the fire and the extent of the damages are unknown.
- Staining observed on an AST and on a concrete enclosure on Parcel A. Staining was also observed on the asphalt surrounding the concrete closure.
- Historically, several wastes were reportedly produced on-Site. These included: sanitary wastes discharged to a septic system (septic tank and tile bed), concrete truck washing wastewater (containing hydrochloric acid), waste oils and lubricants from machine and truck maintenance activities, and oils placed on roadways for dust control.
- Areas throughout Parcels B and C were subjected to littering of household and construction debris.
- Staining was observed on a concrete pad immediately adjacent to a concrete enclosure for coloured and clear diesel ASTs on Parcel A. The base of the concrete enclosure could not be observed at the time of the Site reconnaissance visit.
- Previous reports indicated that several storage areas were reportedly located throughout Parcel C. Previous investigations noted evidence of tar materials in the soil near the former asphalt plant (Parcel B) found during a test pit program and cold asphalt was reportedly identified near the former asphalt plant, northwest of the creek. The reports also indicated that the tar material appears not to contribute contamination to the underlying soils. In addition, crushed drums, containing a tar-like residue, and underlying contaminated soil were reportedly identified. The TPH results of the soil obtained in the immediate vicinity of the drums reportedly exceeded the Alberta guidelines "Alberta Subsurface Remediation Guidelines for Underground Storage Tanks (1991)" which were used for comparison.

- Two ASTs and seven (7) USTs were reportedly historically located on Parcels B and C for refueling purposes. A previous investigation indicated that the BTEX and TPH results for both groundwater and soils at and below the water table in the area of a diesel UST on Parcel C reportedly exceeded Alberta and CCME criteria for both residential/parkland and commercial/industrial land uses. A previous investigation also indicated that based on samples taken from a combination of test pitting, soil drilling and groundwater well installation, petroleum hydrocarbons were identified in the soil and groundwater in the immediate vicinity of the former and present vehicle fuelling areas. The report also concluded that the hydrocarbons did not appear to have moved far from their assumed source, however the soil and groundwater have been impacted locally. Golder was unable to determine whether all seven (7) USTs have been removed off-Site.
- An abandoned water well was reportedly identified on Parcel B.
- Canadian National Railway lines are located along the north and south boundaries of Site. We do not know the quality of the fill along the rail line and we do not know if any historical spillage has occurred on the line.



## 6.0 LIMITATIONS AND USE OF REPORT

This report was prepared for the exclusive use of Lafarge Canada Inc., and it is intended to provide an assessment of the environmental conditions of the Site located at 163 Inkerman Street, 45 Silvercreek Parkway, and Part Lots 2 and 3, Division E, Concession 1, Part Lots 10 to Part Lots 12, Plan 52, Part Lot 3, Part Napoleon Street Closed, Guelph, Ontario, Canada at the time of the Site visit. Any use which a third party makes of this report, or any reliance on or decisions to be made based on it by a third party, are the responsibility of the third parties. Should additional parties require reliance on this report, written authorization from Golder will be required. Golder disclaims responsibility of consequential financial effects on transactions or property values, or requirements for follow-up actions and costs.

The report is based on data and information collected during the Phase I ESA of the property conducted by Golder. It is based solely on the conditions on the Site encountered at the time of the Site visit on March 25, 2004, supplemented by a review of historical information and data obtained by Golder as described in this report, and discussion with a representative of the owner/occupant, as reported herein. Except as otherwise may be requested, Golder disclaims any obligation to update this report for events taking place, or with respect to information that becomes available to Golder after the time during which Golder conducted the Phase I ESA. No soil, water, liquid, gas, product or chemical sampling and analytical testing other than that described herein at or in the vicinity of the Site was conducted as part of this Phase I ESA.

In evaluating the property, Golder has relied in good faith on information provided by other individuals noted in this report. Golder has assumed that the information provided is factual and accurate. In addition, the findings in this report are based, to a large degree, upon information provided by the current owner/occupant. Golder accepts no responsibility for any deficiency, misstatement or inaccuracy contained in this report as a result of omissions, misinterpretations or fraudulent acts of persons interviewed or contacted.

Golder makes no other representations 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 and these interpretations may change over time.

## 7.0 LIST OF CONTACTS

The following is a list of persons contacted and references reviewed for the purposes of preparing this report:

Source	Date
Canadian Standards Association document Z768-94 'Phase I – Environmental Site Assessments'	April 1994
National Air Photo Library, Ottawa – Aerial Photographs	1930, 1964, 1972, 1981 and 1990
Ontario Ministry of Northern Development and Mines Map No. 2544 – “Bedrock Geology of Ontario – Southern Sheet”	1991
Ontario Ministry of Northern Development and Mines Map No. 2556 – “Quaternary Geology of Ontario – Southern Sheet”	1991
ISO 14010: Guidance for Conducting Environmental Audits	1996
Manifest and Generator Registration Information for the Year of 1999 – Ontario Ministry of the Environment Environmental Monitoring and Reporting Branch	2000
Ontario Inventory of PCB Storage Sites - Ontario Ministry of the Environment Environmental Monitoring and Reporting Branch	January 2000
Waste Disposal Site Inventory – Ontario Ministry of the Environment	June 1991
Water Well Records for Ontario – Waterloo, Wellington	1946 - 1976
Map Base by Natural Resources Information Branch, Air Photography 1983 (Map No. 10 17 5550 48200)	1998
Map Base by Natural Resources Information Branch, Air Photography 1983 (Map No. 10 17 5550 48150)	1998
CGI Environmental Services	April 23, 2004
Technical Standards and Safety Authority - Fuel Safety Division	March 24, 2004
Ontario Ministry of the Environment – Freedom of Information and Protection of Privacy Office	May 14, 2004 and May 18, 2004
City of Guelph	March 24, 2004
Grand River Conservation Authority	March 24, 2004
Mr. Greg Schneider – Site representative for Parcel A	March 25, 2004

## 8.0 CLOSURE

We trust that the information presented in this report meets your current requirement. Should you have any questions, or concerns, please do not hesitate to contact the undersigned.

### GOLDER ASSOCIATES LTD.



Stefania S. Sottile, B.E.S., E.M.P.D.  
Environmental Consultant



Dan P. Bunner, M.Sc., CEA  
Senior Reviewer

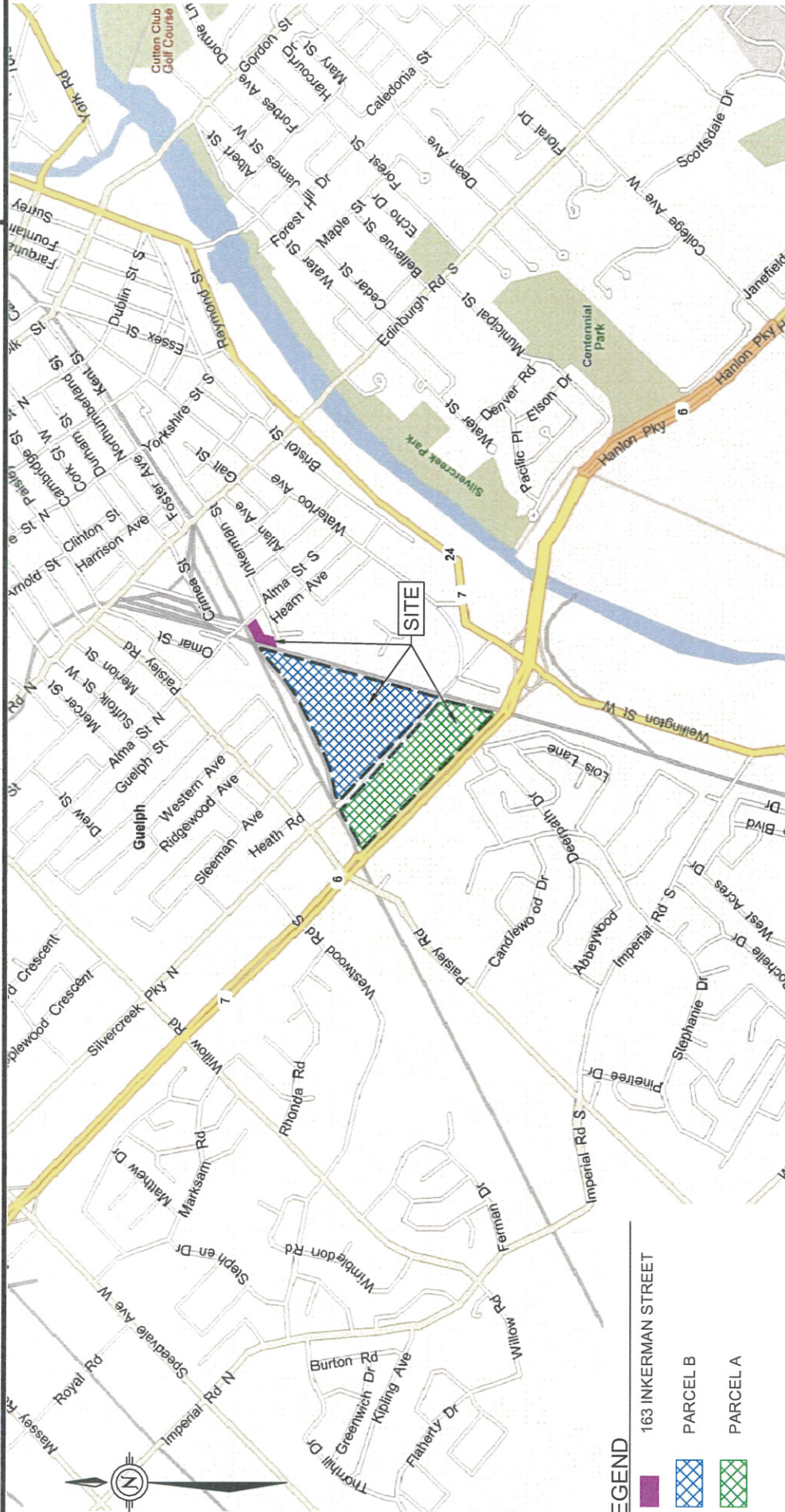
SSS/DDB/sss/ah/spc

N:\Active\2004\1113\04-1113-053 Lafarge-Guelph-Phase II\Phase I ESA\04-1113-053 Phase I ESA Final Report.doc

## FIGURES

# SITE LOCATION MAP

FIGURE 1



### LEGEND

-  163 INKERMAN STREET
-  PARCEL B
-  PARCELA

### REFERENCE:

MICROSOFT MAPPOINT COPYRIGHT 1988-2001 MICROSOFT CORP. AND/OR ITS SUPPLIERS. ALL RIGHTS RESERVED.

DATE: JUNE 2004

PROJECT: 04-1113-053

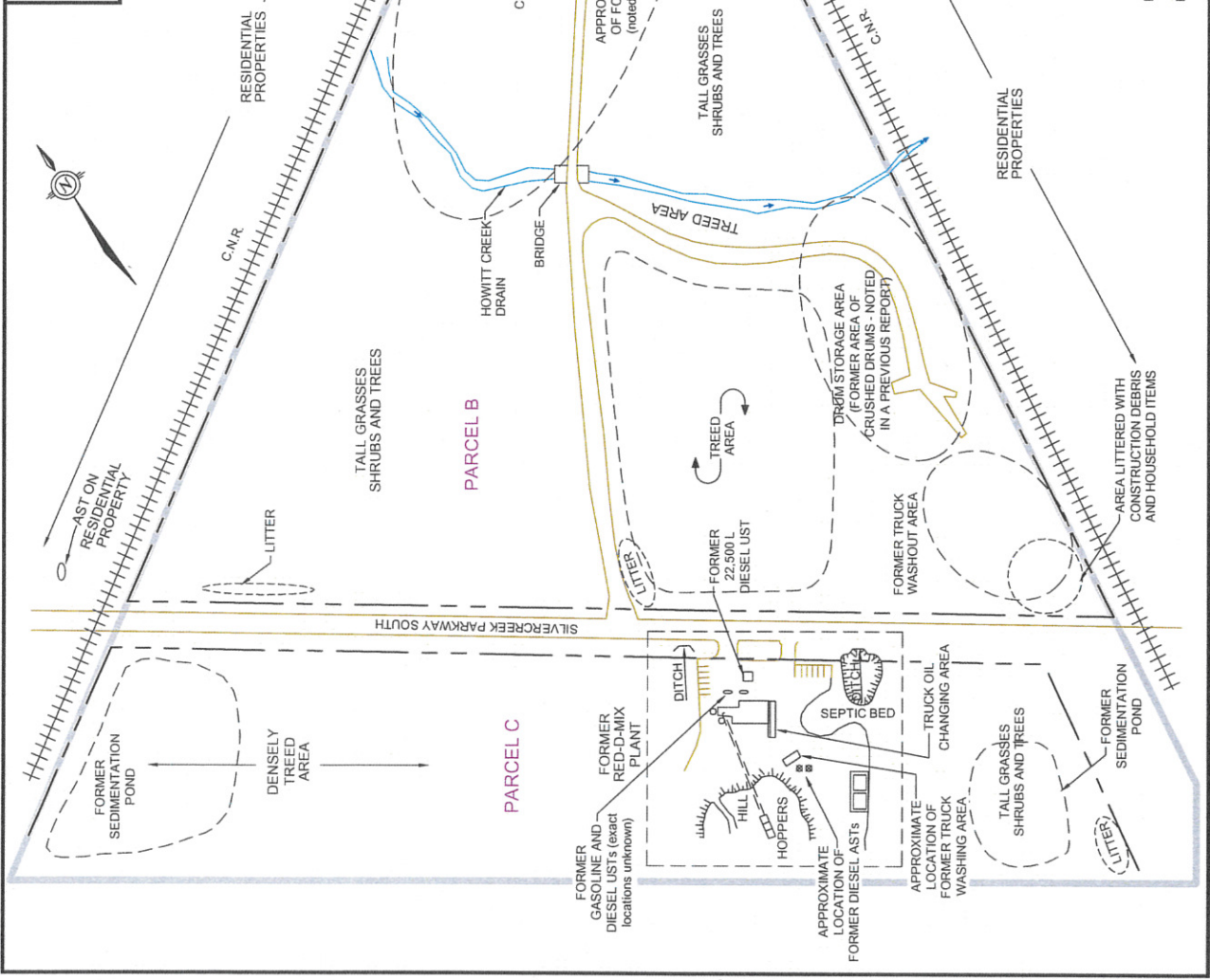


CAD: KD

CHK: 



SITE PLAN  
(FORMER RED-D-MIX PLANT)



LEGEND  
 - - - - - SITE BOUNDARY

REFERENCE  
 BASE PLAN DIGITIZED FROM DRAWING No. 1 BY O'CONNOR ASSOCIATES, DATED 98/04/06, SCALE 1:2500.

SCALE 1:2500  
 0 50 100 METRES



DATE: JUNE 2004  
 PROJECT: 04-1113-053

CAD: KD  
 CHK: [Signature]

APPENDIX 1

Aerial Photographs

AERIAL PHOTOGRAPH 1930

FIGURE



PLOT DATE: April 23, 2004  
FILENAME: T:\Projects\2004\04-1113-053 (LAFARGE, Ontario)\-BA-041113053BA1930.dwg



DATE: APRIL 2004  
PROJECT: 04-1113-053



CAD: KD  
CHK: AA



AERIAL PHOTOGRAPH 1964

FIGURE



PLOT DATE: April 23, 2004  
FILENAME: T:\Projects\2004\04-1113-053 (LAFARGE, Ontario)\-BA-041113053BA1964.dwg



DATE: APRIL 2004  
PROJECT: 04-1113-053



CAD: KD  
CHK: AA

AERIAL PHOTOGRAPH 1972

FIGURE



PLOT DATE: April 23, 2004  
FILENAME: T:\Projects\2004\04-1113-053 (LAFARGE, Ontario)\-BA-\041113053BA1972.dwg



DATE: APRIL 2004

PROJECT: 04-1113-053



CAD: KD

CHK: AA

AERIAL PHOTOGRAPH 1981

FIGURE



PLOT DATE: April 23, 2004  
FILENAME: T:\Projects\2004\04-1113-053 (LAFARGE, Ontario)\-BA-\041113053BA1981.dwg



DATE: APRIL 2004  
PROJECT: 04-1113-053



CAD: KD  
CHK: [Signature]

AERIAL PHOTOGRAPH 1990

FIGURE



A27597-89  
ICAS 90-16, Item 8.1, Guelph, Ontario  
Line INE (89-91) 11100 ASL, June 25, 1990  
112637, 153.373 mm



DATE: APRIL 2004  
PROJECT: 04-1113-053



CAD: KD  
CHK: [Signature]

PLOT DATE: June 25, 2004  
FILENAME: T:\Projects\2004\04-1113-053 (LAFARGE, Ontario)\-BA-\041113053BA1990.dwg

APPENDIX 2

CGI Documentation

# STANDARD KEY OF SIGNS

ADOPTED BY BOARD ASSOCIATIONS IN CANADA

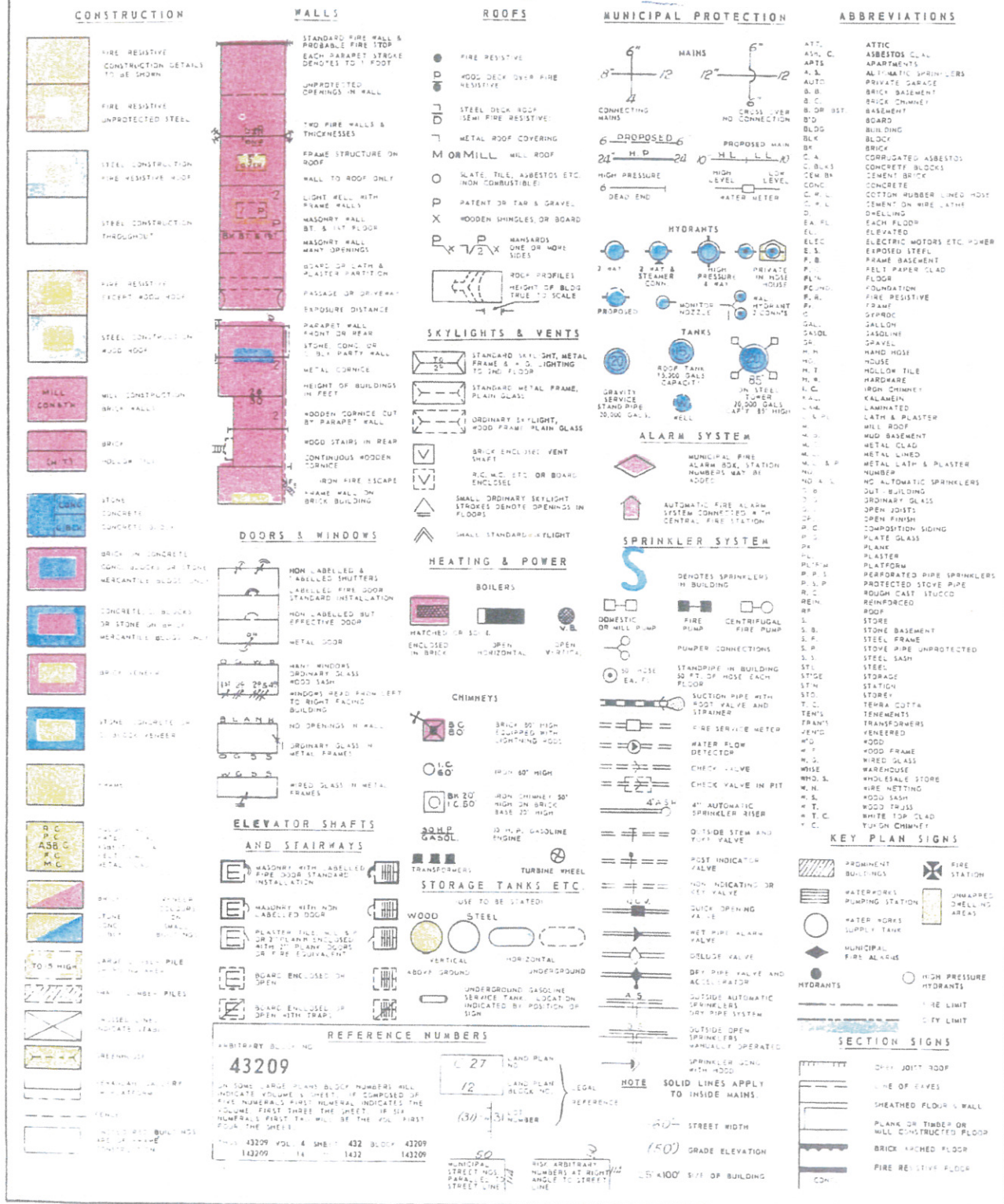
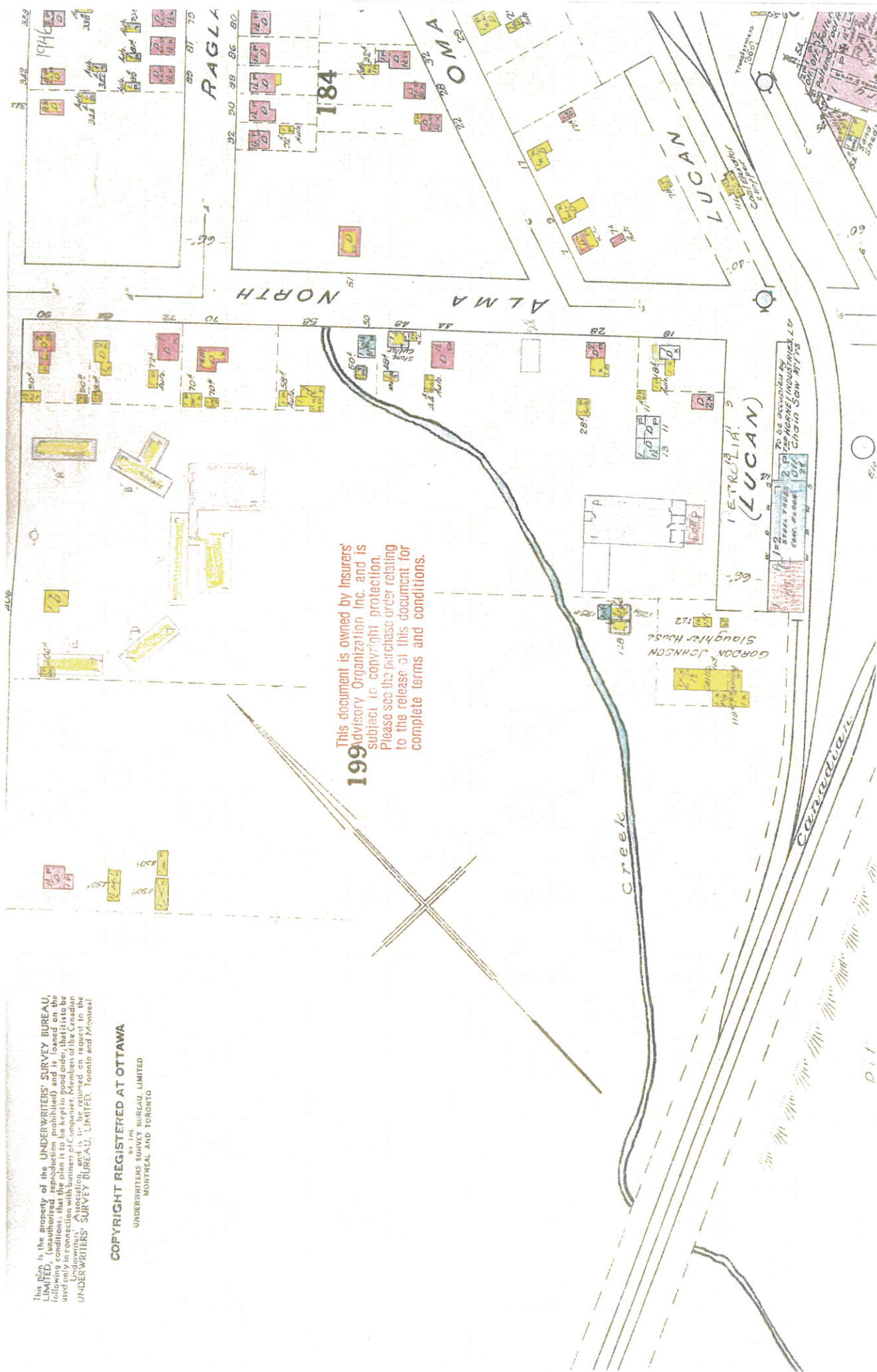


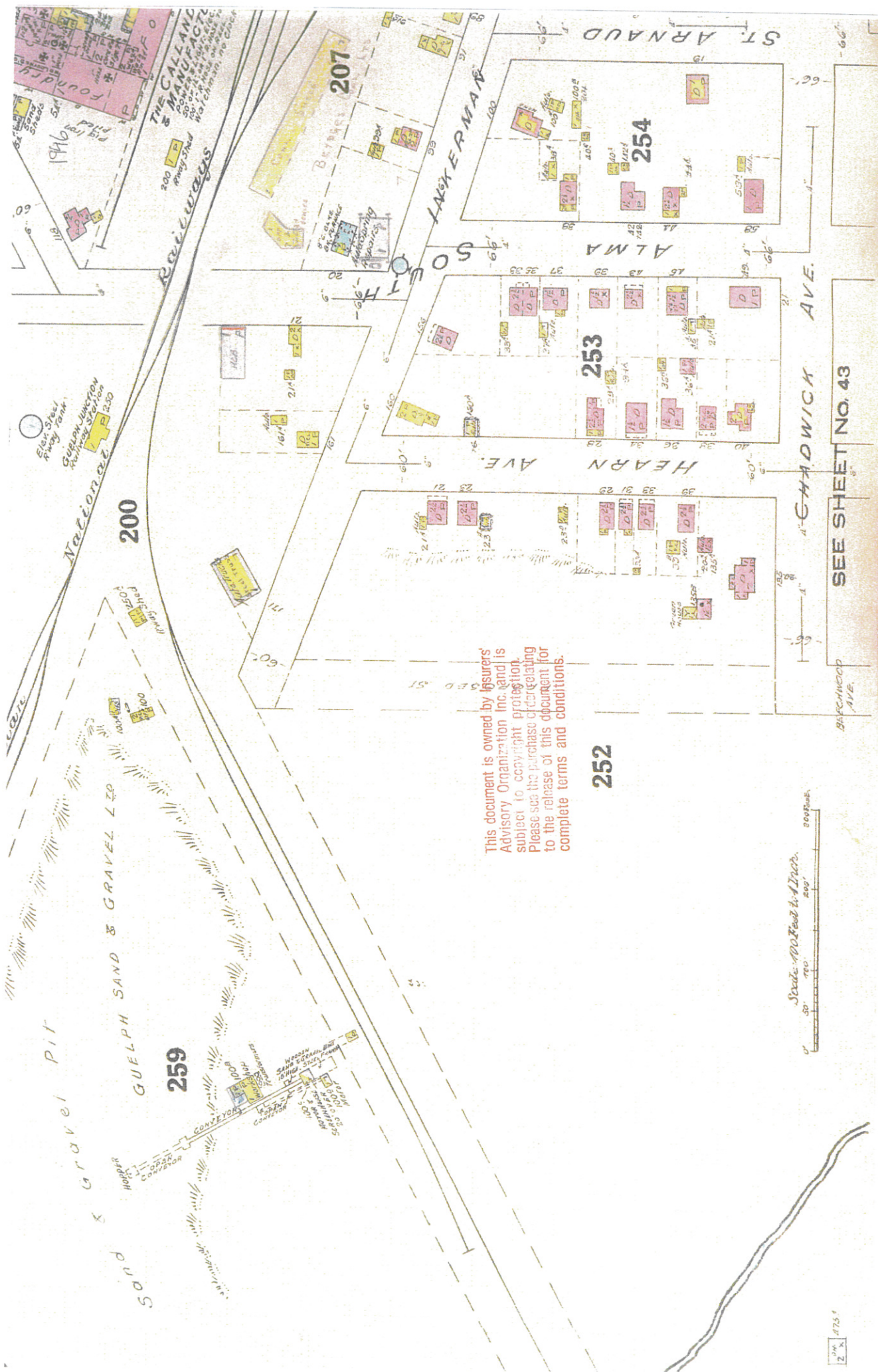
Figure 2: Standard Key of Signs, Adopted by Board Associations in Canada (col)

This plan is the property of the UNDERWRITERS' SURVEY BUREAU, LIMITED (and reproduction prohibited) and is loaned on the following conditions: (1) it is to be kept in good order, that it is to be used only in connection with business of the Canadian Underwriters' Association, and is to be returned on request to the UNDERWRITERS' SURVEY BUREAU, LIMITED, Toronto and Montreal.

**COPYRIGHT REGISTERED AT OTTAWA**  
 BY THE  
 UNDERWRITERS SURVEY BUREAU, LIMITED  
 MONTREAL AND TORONTO

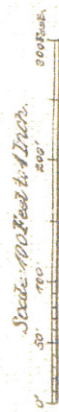
**199**  
 This document is owned by Insurers' Advisory Organization Inc. and is subject to copyright protection. Please see the purchase order relating to the release of this document for complete terms and conditions.





This document is owned by Insurers' Advisory Organization Inc. and is subject to copyright protection. Please see the purchase agreement to the release of this document for complete terms and conditions.

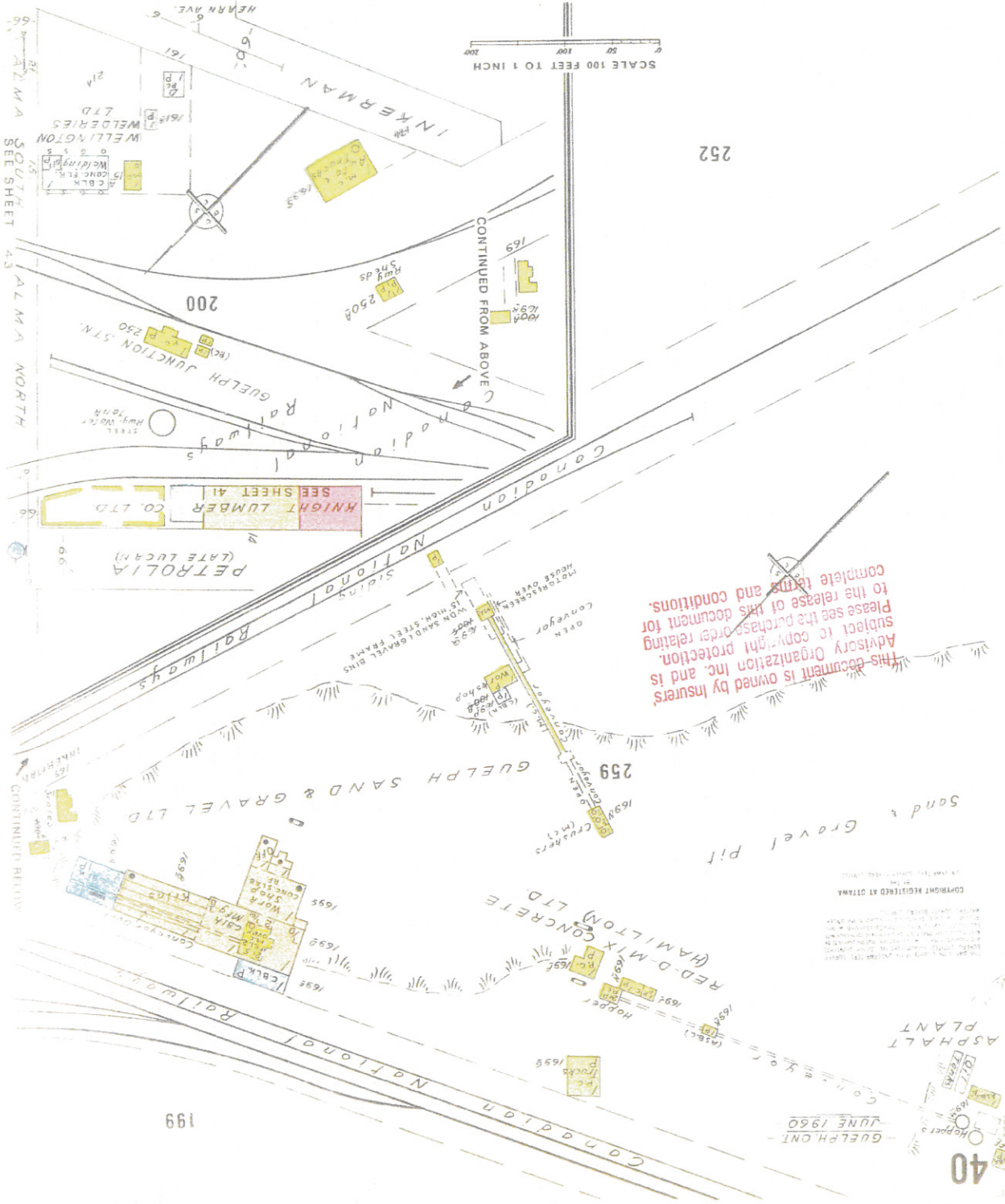
252



SEE SHEET No. 43

175' 2 X





This document is owned by Insurers Advisory Organization Inc. and is subject to copyright protection. Please see the purchase order relating to the release of this document for complete terms and conditions.

COPYRIGHT REGISTERED AT OTTAWA  
 1960  
 GUELPH, ONT.  
 JUNE 1960

ASPHALT PLANT  
 Hoppers  
 Conveyors  
 40

199

## APPENDIX 3

### Regulatory Responses

Ministry of  
the Environment

Freedom of Information and  
Protection of Privacy Office

12<sup>th</sup> Floor  
40 St. Clair Avenue West  
Toronto ON M4V 1M2  
Tel.: (416) 314-4075  
Fax: (416) 314-4285

Ministère de  
l'Environnement

Bureau de l'accès à l'information  
et de la protection de la vie privée

12<sup>e</sup> étage  
40, avenue St. Clair ouest  
Toronto ON M4V 1M2  
Tél.: (416) 314-4075  
Télééc.: (416) 314-4285



May 14, 2004

Ms Stefania S. Sottile  
Golder Associates Ltd.  
2390 Argenta Road  
Mississauga, ON L5N 5Z7

Dear Ms Sottile:

RE: ***Freedom of Information and  
Protection of Privacy Act Request  
Our File # WCR041267  
Your Reference # 04-1113-053***

This letter is in response to your request made pursuant to the *Freedom of Information and Protection of Privacy Act* relating to 163 Inkerman Street, Guelph, Ontario. (*Parcel A*)

After a thorough search of the Guelph District Office, Spills Action Centre, Investigations and Enforcement Branch, Environmental SWAT Team, Environmental Monitoring and Reporting Branch and Environmental Assessment and Approvals Branch, records were located in response to your request. After reviewing the records, it is my decision to provide full access to the attached information.

To provide you with a copy of the records and in accordance with Section 57 of the *Freedom of Information and Protection of Privacy Act*, the fee is:

• Search Time 1 hour @ \$30/hour	\$30.00
• Photocopying 33 pages @ \$0.20/page	6.60
• Delivery	<u>3.00</u>
• Total	\$39.60
• Less Deposit Received	<u>-30.00</u>
• <b>Balance Waived</b>	<b>\$9.60</b>
• <b>Amount Due</b>	<b>Nil</b>

If you object to any decision I have made, you may request a review by contacting the Information and Privacy Commissioner, 80 Bloor Street West, 17th Floor, Toronto, M5S 2V1. Please note that there is a \$25.00 fee and you only have 30 days from receipt of this letter to request a review.

If you have any questions regarding this matter, please contact Kathy Paidock at 416-327-1429.

Yours truly,

  
Jim Lewis  
Manager

Attachment

c: B. Hislop

0761DEA (05/02)



Ministry of the Environment

central site | feedback | search | site map | français

HOME | AIR | WATER | LAND | ABOUT US | NEWS & PUBLICATIONS

**hwin**  
Administration



Search

Go

Waste Classes List

Company Name : LAFARGE CANADA INC.

Company Number: ON0213909 (Generator)

[Active Waste Class](#) | [In Active Waste Class](#) | [Add New Waste Class](#)

Waste Class	Physical State	Class Description	Waste type	Status
212 - L	Liquid	ALIPHATIC SOLVENTS	aliphatic solvents and residues, ethylene glycol / antifreeze	<a href="#">View</a> Active
213 - I	Liquid	PETROLEUM DISTILLATES	varsol, white spirits and petroleum distillates, thinners	<a href="#">View</a> Active
221 - I	Liquid	LIGHT FUELS	gasoline, kerosine, diesel, tank drawings/washings/bottoms/spill clean-up residues	<a href="#">View</a> Active
251 - T	Liquid	OIL SKIMMINGS & SLUDGES	Interceptor clean-out, Oil/water separator sludge, Oily water, Washbay clean-out, Water and oil sludge	<a href="#">View</a> Active
251 - L	Liquid	OIL SKIMMINGS & SLUDGES	Interceptor clean-out, Oil/water separator sludge, Oily water, Washbay clean-out, Water and oil sludge	<a href="#">View</a> Active
252 - L	Liquid	WASTE OILS & LUBRICANTS	automotive oil, bulk waste oils, crankcase oil, grease, hydraulic oil, oils, bulk	<a href="#">View</a> Active

Back



HOME AIR WATER LAND

ABOUT US NEWS & PUBLICATIONS

Ministry of the Environment

central site | feedback | search | site map | français

Environment Canada / Environnement Canada



Search

Go

Generator Details

Registration/Notification Number

ON0213909

Legal Company Name

Primary Name: LAFARGE CANADA INC.

Division Name: NA

Company Operating Name

Primary Name: LAFARGE CANADA INC.

Division Name: NA

Mailing Address

Division Building: NA  
 Address Line 1: 7880 KEELE STREET  
 Address Line 2: 5TH FLOOR  
 Town/City: CONCORD  
 County: (if inside Ontario) YORK (R. M.)

Post Box Number: NA

Postal Code / Zip Code: L4K 4G7  
 Province/State (if inside Canada/US) ONTARIO  
 Province / State (if outside Canada / US) NA

Country: Canada

Site Location

This should be the street address of the site that is being registered. You are required to register each site that generates hazardous waste separately.

Division Building: NA  
 Address Line 1: 163 INKERMAN STREET  
 Address Line 2: NA  
 Town/City: GUELPH  
 County: (if inside Ontario) WELLINGTON  
 County: (if outside Ontario) NA

Post Box Number: NA

Postal Code / Zip Code: N1H 3E1  
 Province / State (if inside Canada / US) ONTARIO  
 Province / State (if outside Canada / US) NA



Ministry of the Environment  
de l'Environnement

Ontario

NOTE: Regulation 309 requires generators of hazardous or liquid industrial wastes to submit a Generator Registration Report using this form respecting each waste generation facility and each hazardous or liquid industrial waste.

REMARQUE: Le règlement 309 exige que les producteurs de déchets industriels liquides ou dangereux présentent un Rapport d'inscription du producteur en se servant de présente formule pour chaque lieu de production de déchets et chaque déchet industriel liquide ou dangereux.

Generator Registration Report  
"Regulation 309, R.R.O. 1980, Form 2"

Rapport d'inscription du producteur  
"Règlement 309, R.R.O. de 1980, formule 2"

ENVIRONMENTAL MONITORING  
APR 5 1995

Part I - Generator Identification / Partie I - Identification du producteur

This report is / Le présent rapport constitue:

1.  an initial generator registration report / un premier rapport d'inscription du producteur

or / ou

2.  a revision - enter Ontario Generator Registration No. / une révision - veuillez inscrire le numéro d'inscription du producteur de l'Ontario

3. For generators located outside of Ontario, enter Registration/Notification number assigned by your local environmental authority. / Si vous êtes un producteur de l'extérieur de l'Ontario, veuillez inscrire le numéro d'inscription/d'identification attribué par les autorités locales en matière d'environnement.

Generator Registration Number / N° d'inscription du producteur  
0 N O 2 / 3 9 0 9

Name of Generator (Enter the corporate name or, if a partnership or proprietorship, the name of the principal(s). If the generator intends to carry on business under a separate name or style, this should also be entered.) / Nom du producteur (Veuillez inscrire la dénomination sociale ou, s'il s'agit d'une société en nom collectif ou d'une société propriétaire unique, le nom du (des) principal (principaux) propriétaire(s). Si le producteur envisage d'exploiter une entreprise sous une dénomination ou un nom distinct, veuillez également le noter.)

4. Name / Nom  
L A F A R G E C A N A D A I N C

5. Address / Adresse  
7 8 8 0 K E E L E S T . , S T H F L O O R

6. Municipality / Municipalité  
C O N C O R D

Province/State / Province/État  
O N T

Postal Code / Code postal  
L 4 K 4 G 7

7. Site location / Lieu des installations  
1 0 3 I N K E R M A N S T R E E T

8. Municipality / Municipalité  
G U E L P H

Province/State / Province/État  
O N T

Postal Code / Code postal

9. Name of contact / Nom de la personne à contacter

Tel No. / N° de tél.  
9 0 5 7 3 8 7 0 7 0

10. Standard Industrial Classification Codes (SIC) for Site noted in Section 7. / Codes de la classification des activités économiques pour les installations décrites au n° 7

11. Total number of wastes to be registered with this report / Nombre total de déchets à inscrire au moyen de ce rapport

12. Name of Company Official / Nom du représentant autorisé de la compagnie  
L I S A F O R W E L L

13. Position / Poste  
E N V I R O N M E N T A L E N G I N E E R

14. Signature / Signature  
Lisa Forwell

15. Date / Date  
M A R . 2 3 / 9 5

PENALTY / PÉNALTÉ

Contraventions may be punished by fines of up to \$2,000 (higher if environmental damage may result). (Environmental Protection Act, sections 47 and 147)  
Toute infraction peut être sanctionnée par une amende maximale de 2 000 \$ (ou plus s'il peut en résulter une détérioration de l'environnement). (Articles 47 et 147 de la Loi sur la protection de l'environnement)

16. Ministry Use Only / Réservé au ministère

County Code / Code de comté

Regional/District Code / Code de région/district

Ministry of  
Environment  
and Energy

Ministère de  
l'Environnement  
et de l'Énergie

135 St. Clair Avenue West  
Suite 100  
Toronto ON M4V 1P5

135, avenue St. Clair ouest  
Bureau 100  
Toronto ON M4V 1P5

May 4, 1995

LAFARGE CANADA INC.  
7880 KEELE STREET, 5TH FLOOR  
CONCORD, ONT  
L4K 4G7

Attention: MS. LISA FORWELL

Re: Acknowledgement of Subject Waste Registration

In accordance with Subsection 18(3) of Ontario Regulation 347, this letter acknowledges receipt of your Generator Registration Report dated March 23, 1995. The Generator Registration Number assigned to your company is:

ON0213909

for the site located at:

163 INKERMAN STREET  
GUELPH, ONT

A list of acknowledged waste number(s) is attached as Schedule "A". The format of this schedule has been modified since July 1993. A waste number now appears only once, regardless of the number of different waste streams which may have identical waste numbers. The waste description is also generic. However, you are still required to register all waste streams, even if they have identical waste numbers.

For off-site disposal of subject waste, the appropriate waste number(s) acknowledged in Schedule "A", and the Generator Registration Number, must be entered in Part A of each manifest form after receipt of this generator registration document. Under Ontario's Environmental Protection Act, the property receiving the waste must be approved as a disposal site for the waste it is receiving. The disposal of waste at an uncertified site is illegal.

The selection of accurate waste numbers is your responsibility. This acknowledgement must not be considered a confirmation of the accuracy of the information submitted by you. Should the waste number(s) you have selected be deemed incorrect by the Ministry, or improper waste disposal occurs at any time, you may be subject to legal action as provided by the Environmental Protection Act and Regulation 347.

It is important to note that under Subsection 18(4) of Regulation 347, a supplementary Generator Registration Report must be submitted to the Ministry within 15 days for any of the following reasons:

1. if the name, address or telephone number of your company or generating site changes, or
2. if there is a significant change in the description, the waste number, or the physical or chemical characteristics of your registered waste(s), or
3. if you generate a hazardous or liquid industrial waste that has not been registered with the Ministry, even if its waste number is already listed on Schedule "A".

Your Generator Registration Report has been forwarded to the District Office of this Ministry that is closest to your generating site. Staff of the District Office conduct post-registration audits and may contact you for additional information or may visit your site.

Should you have any questions concerning generator registration or manifesting requirements, please contact the appropriate District Office of the Ministry.

Toronto	(416)326-6700	Owen Sound	(519)371-2901
Oakville	(905)815-5920	Sarnia	(519)336-4030
York-Durham	(416)424-3000	Windsor	(519)254-2546
Hamilton	(905)521-7650	Sudbury	(705)675-4501
Cambridge	(519)622-8121	North Bay	(705)476-1001
Welland	(905)732-0816	Gravenhurst	(705)687-6647
Kingston	(613)549-4000	Barrie	(705)726-1730
Cornwall	(613)933-7402	Thunder Bay	(807)475-1315
Ottawa	(613)521-3450	Kenora	(807)468-2718
Peterborough	(705)743-2972	Sault Ste. Marie	(705)949-4640
London	(519)661-2200	Timmins	(705)268-3222



Director  
Regulation 347, R.R.O., 1990  
Environmental Protection Act



SCHEDULE "A"

In accordance with information submitted with your generator registration report(s), the site indicated below is registered for the waste number(s) shown on this schedule, which may represent more than one waste stream. This attached Schedule forms part of the acknowledgement of generator registration for the following site:

LAFARGE CANADA INC.

163 INKERMAN STREET  
GUELPH, ONT

identified by Generator Registration Number ON0213909, dated in Toronto, May 4, 1995.

<u>WASTE STREAM</u>	<u>WASTE NUMBER</u>
1. ALIPHATIC SOLVENTS	212L
2. PETROLEUM DISTILLATES	213I
3. LIGHT FUELS	221I
4. OIL SKIMMINGS & SLUDGES	251L
5. OIL SKIMMINGS & SLUDGES	251T
6. WASTE OILS & LUBRICANTS	252L

---- End of List ----



Ministry of the Environment

Ontario

# Generator Registration Reports (GRR) Summary

May 28 2

Generator Registration No. <i>ON 0213909</i>	Company Name <i>Permanent Paving</i>	Log No. <i>30257</i>
---	---	-------------------------

## Waste Management Branch Review

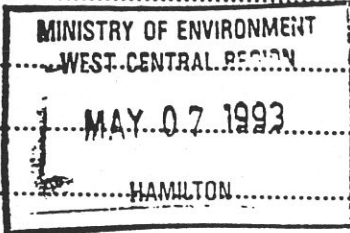
Initial GRR    
 Re-submission    
 Name Change    
 Address Change

GRR(s) Dated <i>MAR 29/93</i>	Date Received <i>APR 7/93</i>
----------------------------------	----------------------------------

Letter(s) Dated	Date Received
-----------------	---------------

Telephone Record

Remarks



Waste(s) Added  
*251 T , 251 L*

Please follow-up carriers/receivers    
 Acknowledged    
 Rejected    
 Exempted

Waste Management Branch Reviewer <i>J. Ye</i>	Date <i>APR 8/93</i>
--	-------------------------

## Regional Review

No changes to GRR    
 Clarification to GRR (attachments enclosed)    
 Changes to GRR (attachments enclosed)

<input type="checkbox"/> Site Audit <input type="checkbox"/> Telephone Audit	Company Contact	Audit Date
---	-----------------	------------

Remarks

Regional Reviewer	Date
-------------------	------

District Officer / Reg. 309 Co-ordinator	Date
--	------

Ministry of  
Environment  
and Energy

Ministère de  
l'Environnement  
et de l'Énergie

135 St. Clair Avenue West  
Suite 100  
Toronto ON M4V 1P5

135, avenue St. Clair ouest  
Bureau 100  
Toronto ON M4V 1P5

April 21, 1993

Permanent Paving Company  
A Standard Industries Company  
Div. of Canada Cement Lafarge Ltd.  
P.O. Box 210  
45 McIntosh Drive  
Markham, Ontario  
L3P 3J7

Attn: Mr. H. Assinck  
Safety Manager

Dear Mr. Assinck:

RE: Acknowledgement of Subject Waste Registration

As prescribed by Section 15(4) of Ontario Regulation 309, this letter acknowledges receipt of your Generator Registration Report(s) dated February 16, 1987 and further correspondence as outlined in Schedule "B" for the following site:

163 Inkerman Street  
Guelph, Ontario

The Generator Registration Number assigned to your company at this site is:

ON0213909

Please note that this Generator Registration Number must be used only in conjunction with the site for which it was issued.

This acknowledgement letter supersedes the previous acknowledgement letter dated October 19, 1992 for this site.

Please ensure that the company name shown in this letter is complete and accurate. This would be the corporate name or, if a partnership or proprietorship, the name of the principal(s). If you intend to carry on business under a separate name or style, this should also be entered. If there is a discrepancy, it is your responsibility to re-register providing us with your complete and accurate company name.

A list of the waste stream(s) covered by this acknowledgement is attached to this letter as Schedule "A".

Under the Environmental Protection Act of Ontario, off-site and on-site disposal of subject wastes is only permissible if the property receiving the waste has been approved as a waste disposal site. The disposal of waste materials in an uncertified site is unlawful.

For off-site disposal of subject wastes, the waste number(s) describing the waste stream(s) in Schedule "A" and the Generator Registration Number must be entered on manifest forms for each waste transaction after you have received this generator registration document.

For on-site disposal of subject wastes covered by this acknowledgement, including on-site incineration, landfilling and discharges to sanitary sewers, every generator shall retain records for a period of at least two years. These records shall include the generator registration number, waste name(s), waste number(s), quantity and disposition of the waste(s).

For off-site disposal of any registerable solid wastes shown in Schedule "A" (waste classes ending in the letter "N"), manifesting is not required at this time. These wastes can be disposed of at most approved municipal landfilling sites.

The selection of accurate waste classes is the responsibility of each waste generator. This acknowledgement must not be considered as a confirmation of the accuracy of information submitted by you. Based on the information you have provided, the waste class(es) that has (have) been selected appear(s) to be correct. If, due to new information or re-assessment of information submitted, you feel your waste is inappropriately classified, you should apply for a revision to your registration using the Generator Registration Report, Form 2. Should the waste class(es) that you have selected be deemed incorrect by the Ministry, or improper waste disposal occurs at any time, you may be subject to legal action as provided by the Environmental Protection Act and Regulation 309.

Your Generator Registration Report has now been forwarded to the District Office of this Ministry that is closest to your generating site. The District Office will be conducting a post-registration audit and may be contacting you for additional information or may be conducting site visits.

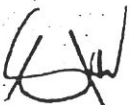
It is important to note that under Section 15(4) of Ontario Regulation 309, a new Generator Registration Report must be submitted to the Ministry within fifteen (15) days for any of the following reasons:

1. If the name, address or telephone number of your company or waste generating site changes.
2. If the description, the waste class or physical or chemical characteristics of your registered wastes change(s).
3. If you generate a hazardous or liquid industrial waste that has not been registered with the Ministry.


If the quantity of registered wastes or your carrier or receiver changes, automatic re-registration is not required. However, in order to update our file, we may periodically request additional information when we observe or suspect a significant change as compared to the most recent information submitted by you for registration purposes.

Should you have any questions concerning generator registration or manifesting requirements, please contact the Waste Management Branch Reviewer identified below at 323-5143.

Yours truly,

  
Director  
Regulation 309, R.R.O., 1980  
Environmental Protection Act

Waste Management Branch Reviewer: \_\_\_\_\_

  
T. Yee

WT/sf

Enclosure

SCHEDULE "A"

This attached Schedule forms part of the acknowledgement of generator registration for the facility and site identified by Generator Registration Number ON0213909, dated at Toronto, April 21, 1993.

Waste Stream	Waste Class
1. Spent solvent, i.e. varsol	213I
2. Waste crankcase oil and lubricants	252L
3. Diesel fuel	221I
4. Antifreeze	212L
5. Waste transformer oil containing less than 50 ppm PCB	251T
6. Oily water	251L

Waste Management Branch Reviewer:



T. Yee

SCHEDULE "B"

This attached Schedule forms part of the acknowledgement of generator registration for the facility and site identified by Generator Registration Number ON0213909, dated at Toronto, April 21, 1993.

	<u>Date</u>
Initial Generator Registration Report (GRR)	FEB 16, 1987
Supplemental GRR	OCT 2, 1992
Supplemental GRR	MAR 29, 1993

Waste Management Branch Reviewer:



\_\_\_\_\_  
T. Yee



WASTE MANAGEMENT ADMINISTRATION  
APR 07 1993  
MANIFEST SYSTEM

Rapport d'inscription du producteur  
"Règlement 309, R.R.O. de 1980, formule 2"

NOTE: Regulation 309 requires generators of hazardous or liquid industrial wastes to submit a Generator Registration Report using this form respecting each waste generated at each facility and each hazardous or liquid industrial waste.

REMARQUE: Le règlement 309 exige que les producteurs de déchets industriels liquides ou dangereux présentent un Rapport d'inscription du producteur en se servant de la présente formule pour chaque lieu de production de déchets et chaque déchet industriel liquide ou dangereux.

Part I - Generator Identification / Partie I - Identification du producteur

30-257

This report is / Le présent rapport constitue:

Generator Registration Number  
N° d'inscription du producteur

- 1.  an initial generator registration report / un premier rapport d'inscription du producteur
- or / ou
- 2.  a revision - enter Ontario Generator Registration No. / une révision - veuillez inscrire le numéro d'inscription du producteur de l'Ontario

0 N Q 2 1 3 9 0 9

3. For generators located outside of Ontario, enter Registration/Notification number assigned by your local environmental authority. / Si vous êtes un producteur de l'extérieur de l'Ontario, veuillez inscrire le numéro d'inscription/d'identification attribué par les autorités locales en matière d'environnement.

Name of Generator (Enter the corporate name or, if a partnership or proprietorship, the name of the principal(s). If the generator intends to carry on business under a separate name or style, this should also be entered.) / Nom du producteur (Veuillez inscrire la dénomination sociale ou, s'il s'agit d'une société en nom collectif ou d'une société propriétaire unique, le nom du (des) principal (principaux) propriétaire(s). Si le producteur envisage d'exploiter une entreprise sous une dénomination ou un nom distinct, veuillez également le noter.)

4. Name / Nom: PERMANENT PAVING

5. Address / Adresse: PO BOX 210, 45 MCINTOSH DRIVE

6. Municipality / Municipalité: MARKHAM  
Province/State / Province/Etat: ONT  
Postal Code / Code postal: L3R3V7

7. Site location / Lieu des installations: 163 INKERMAN ST. GUELPH

8. Municipality / Municipalité: GUELPH  
Province/State / Province/Etat: ONT  
Postal Code / Code postal: N1H6K1

9. Name of contact / Nom de la personne à contacter: BILL BLEACH  
Tel No. / N° de tél: 5198243201

10. Standard Industrial Classification Codes (SIC) for Site noted in Section 7. / Codes de la classification des activités économiques pour les installations décrites au n° 7

11. Total number of wastes to be registered with this report / Nombre total de déchets à inscrire au moyen de ce rapport: 002

12. Name of Company Official / Nom du représentant autorisé de la compagnie: HARRY ASSINCK

13. Position / Poste: SAFETY MANAGER

14. Signature / Signature: *Harry Assinck*

15. Date / Date: MARCH 29/93

CONTRAVENTIONS MAY BE PUNISHED BY FINES OF UP TO \$2,000 (HIGHER IF ENVIRONMENTAL DAMAGE MAY RESULT). (ENVIRONMENTAL PROTECTION ACT, SECTIONS 47 AND 147).  
Toute infraction peut être sanctionnée par une amende maximale de 2 000 \$ (ou plus s'il peut en résulter une détérioration de l'environnement). (Articles 47 et 147 de la Loi sur la protection de l'environnement)

16. Ministry Use Only / Réserve au ministère

County Code / Code de comté	
Regional/District Code / Code de région/district	
Municipal Code / Code de municipalité	
Inter City Tie Line / Ligne privée interurbaine	



Part 2 - Waste Identification / Partie 2 - Identification des déchets

1. Description of Waste / Description des déchets

TRANSFORMER OIL & RELATED MATERIALS.

WASTE MANAGEMENT BRANCH  
APR 07 1993  
MATERIAL SYSTEM

2. Description of generating process / Description du procédé de production

MAINTENANCE - DRAINING AND CLEAN-UP OF TRANSFORMER AND OTHER ELECTRICAL EQUIPMENT

3. Waste quantity generated or accumulated / Quantité des déchets produite ou accumulée

Continuous process / Procédé continu

Batch process / par lots

RANDOM

Grid for continuous process quantity

or / ou

Grid for batch process quantity

Grid for batch process quantity

kg/mo. / kg/mois

batches/mo. / lots/mois

kg/batch / kg/lot

VOLUMES. Approx 25 gal / yr

4. Primary characteristic / Caractéristique principale

MINERAL OIL DIELECTRIC FLUID

Analytical data (if applicable). If the data has been estimated, attach separate sheet outlining the basis for the estimate. / Données analytiques (le cas échéant). Si les données sont estimatives, veuillez annexer une feuille à part pour décrire sur quoi reposent les estimations.

LESS THAN 50 P.P.M PCB BY GC

Name of Laboratory (if applicable). / Laboratoire (le cas échéant)

RONDAR INC.

Waste Class / Catégorie des déchets

251T

Hazardous Waste Number / Numéro des déchets dangereux

Grid for hazardous waste number

WA

Specific Gravity / Gravité spécifique

Grid for specific gravity

Grid for specific gravity

Physical State (Solid-S, Liquid-L, Gas-G) / État physique (solide-S, liquide-L, gaz-G)

L

For Ministry Use Only / Réserve au ministère

Grid for ministry use only

Secondary Characteristic / Caractéristique secondaire

Analytical data (if applicable) / Données analytiques (le cas échéant)

Part 3 - Waste Management / Partie 3 - Gestion des déchets

1. Principal Intended Receiver / Réceptonnaire principal prévu

Company name and address / Nom et adresse de la compagnie

A.F. WHITE  
36 ADAMS BLVD.

Receiver No. / N° du réceptonnaire

A100212

Municipality / Municipalité

BRANTFORD

Province/State / Province:État

ONT

Postal Code / Code postal

Grid for postal code

Principal Intended Carrier / Transporteur principal prévu

Company name and address / Nom et adresse de la compagnie

A.F. WHITE  
RR# 6

MOE Carrier No. / N° au M. de l'E. du transporteur

A800434

Part 2 - Waste Identification / Partie 2 - Identification des déchets

WASTE MANAGEMENT BRANCH  
APR 07 1993  
MANIFEST SYSTEM

1. Description of Waste / Description des déchets

OILY WATER

2. Description of generating process / Description du procédé de production

OIL THAT HAS HAD WATER GET INTO DRUMS,  
BULK STORAGE ETC.

3. Waste quantity generated or accumulated / Quantité des déchets produite ou accumulée

Continuous process / Procédé continu

Batch process / par lots

RANDON

--	--	--	--	--	--	--	--	--	--

or / ou

--	--

--	--	--	--	--	--	--	--	--	--

T.B.A.

VOLUMES

kg/mo. / kg/mois

batches/mo.  
lots/mois

kg/batch / kg/lot

APPROX 50 gallons/yr

4. Primary characteristic / Caractéristique principale

OILY WATER, OIL THAT IS CONTAMINATED WITH WATER

Analytical data (if applicable). If the data has been estimated, attach separate sheet outlining the basis for the estimate. / Données analytiques (le cas échéant). Si les données sont estimatives, veuillez annexer une feuille à part pour décrire sur quoi reposent les estimations.

Name of Laboratory (if applicable). / Laboratoire (le cas échéant)

Waste Class / Catégorie des déchets

2	5	1	L
---	---	---	---

Hazardous Waste Number / Numéro des déchets dangereux

--	--

W	A
---	---

Specific Gravity / Gravité spécifique

--	--	--	--

Physical State (Solid-S, Liquid-L, Gas-G) / État physique (solide-S, liquide-L, gaz-G)

L
---

For Ministry Use Only / Réserve au ministère

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

5. Secondary Characteristic / Caractéristique secondaire

Analytical data (if applicable) / Données analytiques (le cas échéant)

Part 3 - Waste Management / Partie 3 - Gestion des déchets

1. Principal Intended Receiver / Réceptionnaire principal prévu

Company name and address / Nom et adresse de la compagnie

S	A	F	E	T	Y		K	L	E	E	N								

Receiver No. / N° du réceptionnaire

--	--	--	--	--	--	--	--	--	--	--	--	--	--

Municipality / Municipalité

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Province/State / Province:État

--	--	--	--

Postal Code / Code postal

--	--	--	--	--	--

Principal Intended Carrier / Transporteur principal prévu

Company name and address / Nom et adresse de la compagnie

S	A	F	E	T	Y		K	L	E	E	N								

MOE Carrier No. / N° du M. de l'E. du transporteur

A					
---	--	--	--	--	--



Ministry  
of the  
Environment

Ministère  
de  
l'Environnement

Ontario

135 St. Clair Avenue West  
Suite 100  
Toronto, Ontario  
M4V 1P5

135, avenue St. Clair ouest  
Bureau 100  
Toronto (Ontario)  
M4V 1P5

OCT 19 1992

Permanent Paving Company  
A Standard Industries Company  
Div. of Canada Cement Lafarge Ltd.  
P.O. Box 1284  
Guelph, Ontario  
N1H 6N6

Attn: Mr. H. Assinck  
Safety Manager

Dear Mr. Assinck:

RE: Acknowledgement of Subject Waste Registration

As prescribed by Section 15(4) of Ontario Regulation 309, this letter acknowledges receipt of your Generator Registration Report(s) dated February 16, 1987 and further correspondence as outlined in Schedule "B" for the following site:

163 Inkerman Street  
Guelph, Ontario

The Generator Registration Number assigned to your company at this site is:

ON0213909

Please note that this Generator Registration Number must be used only in conjunction with the site for which it was issued.

This acknowledgement letter supersedes the previous acknowledgement letter dated June 8, 1987 for this site.

Please ensure that the company name shown in this letter is complete and accurate. This would be the corporate name or, if a partnership or proprietorship, the name of the principal(s). If you intend to carry on business under a separate name or style, this should also be entered. If there is a discrepancy, it is your responsibility to re-register providing us with your complete and accurate company name.



A list of the waste stream(s) covered by this acknowledgement is attached to this letter as Schedule "A".

Under the Environmental Protection Act of Ontario, off-site and on-site disposal of subject wastes is only permissible if the property receiving the waste has been approved as a waste disposal site. The disposal of waste materials in an uncertified site is unlawful.

For off-site disposal of subject wastes, the waste number(s) describing the waste stream(s) in Schedule "A" and the Generator Registration Number must be entered on manifest forms for each waste transaction after you have received this generator registration document.

For on-site disposal of subject wastes covered by this acknowledgement, including on-site incineration, landfilling and discharges to sanitary sewers, every generator shall retain records for a period of at least two years. These records shall include the generator registration number, waste name(s), waste number(s), quantity and disposition of the waste(s).

For off-site disposal of any registerable solid wastes shown in Schedule "A" (waste classes ending in the letter "N"), manifesting is not required at this time. These wastes can be disposed of at most approved municipal landfilling sites.

The selection of accurate waste classes is the responsibility of each waste generator. This acknowledgement must not be considered as a confirmation of the accuracy of information submitted by you. Based on the information you have provided, the waste class(es) that has (have) been selected appear(s) to be correct. If, due to new information or re-assessment of information submitted, you feel your waste is inappropriately classified, you should apply for a revision to your registration using the Generator Registration Report, Form 2. Should the waste class(es) that you have selected be deemed incorrect by the Ministry, or improper waste disposal occurs at any time, you may be subject to legal action as provided by the Environmental Protection Act and Regulation 309.

Your Generator Registration Report has now been forwarded to the District Office of this Ministry that is closest to your generating site. The District Office will be conducting a post-registration audit and may be contacting you for additional information or may be conducting site visits.


It is important to note that under Section 15(4) of Ontario Regulation 309, a new Generator Registration Report must be submitted to the Ministry within fifteen (15) days for any of the following reasons:

1. If the name, address or telephone number of your company or waste generating site changes.
2. If the description, the waste class or physical or chemical characteristics of your registered wastes change(s).
3. If you generate a hazardous or liquid industrial waste that has not been registered with the Ministry.


If the quantity of registered wastes or your carrier or receiver changes, automatic re-registration is not required. However, in order to update our file, we may periodically request additional information when we observe or suspect a significant change as compared to the most recent information submitted by you for registration purposes.

Should you have any questions concerning generator registration or manifesting requirements, please contact the Waste Management Branch Reviewer identified below at 323-5143.

Yours truly,

  
 Director  
 Regulation 309, R.R.O., 1980  
 Environmental Protection Act

Waste Management Branch Reviewer:

  
 \_\_\_\_\_  
 T. Yee

WT/sf

Enclosure

SCHEDULE "A"

This attached Schedule forms part of the acknowledgement of generator registration for the facility and site identified by Generator Registration Number ON0213909, dated at Toronto,

OCT 19 1992

Waste Stream	Waste Class
1. Spent solvent, i.e. varsol	213I
2. Waste crankcase oil and lubricants	252L
3. Diesel fuel	221I
4. Antifreeze	212L

Waste Management Branch Reviewer:



T. Yee

SCHEDULE "B"

This attached Schedule forms part of the acknowledgement of generator registration for the facility and site identified by Generator Registration Number ON0213909, dated at Toronto, **OCT 19 1992**

	<u>Date</u>
Initial Generator Registration Report (GRR)	FEB 16, 1987
Supplemental GRR	OCT 2, 1992

Waste Management Branch Reviewer:   
T. Yee



Ministry of the Environment  
de l'Environnement

WASTE MANAGEMENT

SEP 25 1992

Generator Registration Report  
"Reg" on 309, R.R.O. 1980, Form 2"

Rapport d'inscription du producteur

WASTE REGISTRATION REPORT de 1980, formule 2"

NOTE: Regulation 309 requires generators of hazardous or liquid industrial wastes to submit a Generator Registration Report using this form respecting each waste generated at each facility and each hazardous or liquid industrial waste.  
REMARQUE: Le règlement 309 exige que les producteurs de déchets industriels liquides ou dangereux présentent un Rapport d'inscription du producteur en se servant de présente formule pour chaque lieu de production de déchets et chaque déchet industriel liquide ou dangereux.

Part I - Generator Identification / Partie I - Identification du producteur

MANIFEST SYSTEM

30-207

This report is / Le présent rapport constitue:

Generator Registration Number  
N° d'inscription du producteur

- 1.  an initial generator registration report / un premier rapport d'inscription du producteur
- or / ou
- 2.  a revision - enter Ontario Generator Registration No. / une révision - veuillez inscrire le numéro d'inscription du producteur de l'Ontario

010213909

3. For generators located outside of Ontario, enter Registration/Notification number assigned by your local environmental authority. / Si vous êtes un producteur de l'extérieur de l'Ontario, veuillez inscrire le numéro d'inscription/d'identification attribué par les autorités locales en matière d'environnement.

Name of Generator (Enter the corporate name or, if a partnership or proprietorship, the name of the principal(s). If the generator intends to carry on business under a separate name or style, this should also be entered.) / Nom du producteur (Veuillez inscrire la dénomination sociale ou, s'il s'agit d'une société en nom collectif ou d'une société à propriétaire unique, le nom du (des) principal (principaux) propriétaire(s). Si le producteur envisage d'exploiter une entreprise sous une dénomination ou un nom distinct, veuillez également le noter.)

4. Name / Nom PERMAMENT PAVING

5. Address / Adresse P.O. BOX 1284 -

6. Municipality / Municipalité GUELPH  
Province/State / Province/État ONT  
Postal Code / Code postal N1A6W6

7. Site location / Lieu des installations 163 INKERMAN STREET

8. Municipality / Municipalité GUELPH  
Province/State / Province/État ONT  
Postal Code / Code postal N1A6W6

9. Name of contact / Nom de la personne à contacter MR. TERRY WILMS  
Tel No. / N° de tél. 5198211511

10. Standard Industrial Classification Codes (SIC) for Site noted in Section 7. / Codes de la classification des activités économiques pour les installations décrites au n° 7.

11. Total number of wastes to be registered with this report / Nombre total de déchets à inscrire au moyen de ce rapport --3

12. Name of Company Official / Nom du représentant autorisé de la compagnie HARRY ASSINCK.  
13. Position / Poste SAFETY MANAGER

14. Signature / Signature Harry Assinck 475-6110.  
15. Date / Date Dec 2/92

PENALTY

PENALITE

Contraventions may be punished by fines of up to \$2,000 (higher if environmental damage may result). (Environmental Protection Act, sections 47 and 147)  
Toute infraction peut être sanctionnée par une amende maximale de 2 000 \$ (ou plus s'il peut en résulter une détérioration de l'environnement). (Articles 47 et 147 de la Loi sur la protection de l'environnement)

16. Ministry Use Only / Réserve au ministère

County Code / Code de comté	
Regional/District Code / Code de région/district	
Municipal Code / Code de municipalité	
Inter City Tie Line / Ligne privée interurbaine	



Part 2 - Waste Identification / Partie 2 - Identification des déchets

WASTE MANAGEMENT BRANCH

OCT - 5 1992

MANIFEST SYSTEM

1. Description of Waste / Description des déchets

Diesel fuel.

2. Description of generating process / Description du procédé de production

Diesel fuel for equipment.

3. Waste quantity generated or accumulated / Quantité des déchets produite ou accumulée

200 gal / yr

Batch process / par lots

4. Primary characteristic / Caractéristique principale

Diesel fuel.

Harry Brown

Analytical data (if applicable). If the data has been estimated, attach separate sheet outlining the basis for the estimate. / Données analytiques (le cas échéant). Si les données sont estimatives, veuillez annexer une feuille à part pour décrire sur quoi reposent les estimations.

Name of Laboratory (if applicable). / Laboratoire (le cas échéant)

Waste Class / Catégorie des déchets: 221I

Hazardous Waste Number / Numéro des déchets dangereux

Specific Gravity / Gravité spécifique

Physical State (Solid-S, Liquid-L, Gas-G) / État physique (solide-S, liquide-L, gaz-G)

For Ministry Use Only / Réservé au ministère

Secondary Characteristic / Caractéristique secondaire

Analytical data (if applicable) / Données analytiques (le cas échéant)

Part 3 - Waste Management / Partie 3 - Gestion des déchets

1. Principal Intended Receiver / Réceptionnaire principal prévu

Company name and address / Nom et adresse de la compagnie

ON SITE STORAGE

Receiver No. / N° du réceptionnaire

Municipality / Municipalité

Province/State / Province/État

Postal Code / Code postal

Principal Intended Carrier / Transporteur principal prévu

Company name and address / Nom et adresse de la compagnie

MOE Carrier No. / N° du M. de l'E. du transporteur

A

Part 2 - Waste Identification / Partie 2 - Identification des déchets

WASTE MANAGEMENT BRANCH  
 OCT - 5 1992  
 MANIFEST SYSTEM

1. Description of Waste / Description des déchets

Solvents

2. Description of generating process / Description du procédé de production

Solvents for parts cleaner.

3. Waste quantity generated or accumulated / Quantité des déchets produite ou accumulée

Continuous process / Procédé continu or Lot process / par lots

50 gal / mo. or L. ou

kg/mo. / kg/mois / batches/mo. / kg/batch / kg/lot

4. Primary characteristic / Caractéristique principale

Solvents

Henry Jones

Analytical data (if applicable). If the data has been estimated, attach separate sheet outlining the basis for the estimate. / Données analytiques (le cas échéant). Si les données sont estimatives, veuillez annexer une feuille à part pour décrire sur quoi reposent les estimations.

Name of Laboratory (if applicable). / Laboratoire (le cas échéant)

Waste Class / Catégorie des déchets: 2135 Hazardous Waste Number / Numéro des déchets dangereux: Specific Gravity / Gravité spécifique: Physical State / État physique: Liquid - L (4)

For Ministry Use Only / Réservé au ministère

Secondary Characteristic / Caractéristique secondaire

Analytical data (if applicable) / Données analytiques (le cas échéant)

Part 3 - Waste Management / Partie 3 - Gestion des déchets

1. Principal Intended Receiver / Réceptionnaire principal prévu

Company name and address / Nom et adresse de la compagnie

ON SITE STORAGE

Receiver No. / N° du réceptionnaire

Municipality / Municipalité

Province/State / Province/État

Postal Code / Code postal

Principal Intended Carrier / Transporteur principal prévu

Company name and address / Nom et adresse de la compagnie

MOE Carrier No. / N° du M. de l'E. du transporteur

A

**Part 2 - Waste Identification / Partie 2 - Identification des déchets.**

WASTE MANAGEMENT BRANCH  
OCT - 5 1992  
PPEINFECT SYSTEM

1. Description of Waste / Description des déchets

Antifreeze

2. Description of generating process / Description du procédé de production

Waste Antifreeze from servicing equipment.

3. Waste quantity generated or accumulated / Quantité des déchets produits ou accumulés

Continuous process / Procédé continu

Batch process / par lots

100 gal / yr or / ou

kg/mo / kg/mois or / ou batches / mo. / lots/mois or / ou kg/batch / kg/lot

4. Primary characteristic / Caractéristique principale

Antifreeze

Analytical data (if applicable): If the data has been estimated, attach separate sheet outlining the basis for the estimate. / Données analytiques (le cas échéant). Si les données sont estimatives, veuillez annexer une feuille à part pour décrire sur quoi reposent les estimations.

Name of Laboratory (if applicable) / Laboratoire (le cas échéant)

Waste Class

2124

Hazardous Waste Number

Specific Gravity

Physical State (Solid-S, Liquid-L, Gas-G)  
État physique (solide-S, liquide-L, gaz-G)



For Ministry Use Only / Réserve au ministère

Secondary Characteristic / Caractéristique secondaire

Analytical data (if applicable) / Données analytiques (le cas échéant)

**Part 3 - Waste Management / Partie 3 - Gestion des déchets**

1. Principal Intended Receiver / Réceptionnaire principal prévu

Company name and address / Nom et adresse de la compagnie

ON SITE STORAGE

Receiver No. / N° du réceptionnaire

Municipality / Municipalité

Province/State / Province/État

Postal Code / Code postal

Principal Intended Carrier / Transporteur principal prévu

Company name and address / Nom et adresse de la compagnie

MOE Carrier No. / N° du M. de l'E. du transporteur

A



JUL 02 1987

2

SUMMARY FORM

FOR GENERATOR REGISTRATION REPORTS (GRR)

GENERATOR REGISTRATION NUMBER : ON0213909

COMPANY NAME : Permanant Paving Company, A Standard Industries Company, Canada Cement  
WASTE MANAGEMENT BRANCH (WMB) REVIEW 30-257

NOTES:  
GRR dated Feb. 16 '87  
rec'd Feb. 19 '87  
rev'd May 26 '87

Based on information provided, Waste Class(es) appear(s) reasonable as acknowledged

ACKNOWLEDGED

REJECTED

Ways WMB REVIEWER  
DATE: May 26 1987

REGIONAL REVIEW

NOTES:

No changes to GRR

Clarification to GRR (attachments enclosed)

Changes to GRR (attachments enclosed)



Ministry  
of the  
Environment  
Ontario

Ministère  
de  
l'Environnement

135 St. Clair Avenue West  
Suite 1100  
Toronto, Ontario  
M4V 1P5

135 Avenue St. Clair ouest  
Bureau 1100  
Toronto (Ontario)  
M4V 1P5

June 8, 1987

Permanent Paving Company  
A Standard Industries Company  
Div. of Canada Cement Lafarge Ltd.  
1224 Lawrence Ave. W.  
Toronto, Ont.  
M6A 1E4

Attn: Mr. G. Brown  
Gen. Mgr.

Dear Mr. Brown:

RE: Acknowledgement of Subject Waste Registration

As prescribed by Section 15(3) of Ontario Regulation 309, this letter acknowledges receipt of your Generator Registration Report(s) dated February 16, 1987 for the following site:

163 Inkerman St.  
Guelph, Ont.

The Generator Registration Number assigned to your company at this site is:

ON0213909

Please note that this Generator Registration Number must be used only in conjunction with the site for which it was issued.

Please ensure that the company name shown on this letter is complete and accurate. This would be the corporate name or, if a partnership or proprietorship, the name of the principal(s). If you intend to carry on business under a separate name or style, this should also be entered. If there is a discrepancy, it is your responsibility to re-register providing us with your complete and accurate company name.

A list of the waste stream(s) covered by this acknowledgement is attached to this letter as Schedule "A".

For off-site disposal of subject wastes, the waste number(s) describing the waste stream(s) in Schedule "A"

Information of the  
Subject for the above



Agence fédérale de l'environnement  
1987

and the Generator Registration Number must be entered on manifest forms for each waste transaction after you have received this generator registration document. A copy of an example manifest form is attached for your information.

For on-site disposal of subject wastes covered by this acknowledgement, including on-site incineration, landfilling and discharges to sanitary sewers, every generator shall retain records for a period of at least two years. These records shall include the generator registration number, waste name(s), waste number(s), quantity and disposition of the waste(s).

For off-site disposal of any registerable solid wastes shown in Schedule "A" (waste classes ending in the letter "N"), manifesting is not required at this time. These wastes can be disposed of at most approved municipal landfilling sites.

The selection of accurate waste classes is the responsibility of each waste generator. This acknowledgement must not be considered as a confirmation of the accuracy of information submitted by you. Based on the information you have provided, the waste class(es) that has (have) been selected appear(s) to be correct. If, due to new information or re-assessment of information submitted, you feel your waste is inappropriately classified, you should apply for a revision to your registration using the Generator Registration Report, Form 2. Should the waste class(es) that you have selected be deemed incorrect by the Ministry, or improper waste disposal occurs at any time, you may be subject to legal action as provided by the Environmental Protection Act and Regulation 309.

Your Generator Registration Report has now been forwarded to the District Office of this Ministry that is closest to your generating site. The District Office will be conducting a post-registration audit and may be contacting you for additional information or may be conducting site visits.

It is important to note that under Section 15(4) of Ontario Regulation 309, a new Generator Registration Report must be submitted to the Ministry within fifteen (15) days for any of the following reasons:

1. If the name, address or telephone number of your company or waste generating site changes.
2. If the description, the waste class or physical or chemical characteristics of your registered wastes change(s).
3. If you generate a hazardous or liquid industrial waste that has not been registered with the Ministry.

If the quantity of registered wastes or your carrier or receiver changes, automatic re-registration is not required. However, in order to update our file, we may periodically request additional information when we observe or suspect a significant change as compared to the most recent information submitted by you for registration purposes.

Should you have any questions concerning generator registration or manifesting requirements, please contact the Waste Management Branch Reviewer identified below at 323-5209.

Yours truly,



Director  
Regulation 309, R.R.O., 1980  
Environmental Protection Act

Waste Management Branch Reviewer: \_\_\_\_\_

A.C. Stewart

EAS/gwm

Enclosure

LE 03 07

ADDITIONAL COMMENTS:

Based on the information you have submitted in your Generator Registration Report and/or through telephone discussion, we have selected the waste class 2131 for your spent solvent; 252L for waste crankcase oil/lubricants. It is your responsibility to evaluate this waste class and re-register within fifteen (15) days if it is found to be inappropriate for your particular waste.

Although your waste crankcase oils have been acknowledged with the primary characteristic of Liquid Industrial Waste (L), be advised that analytical data have indicated that many of these waste oils exhibit the primary characteristic of Leachate Toxicity (T) and would therefore be classified as hazardous waste. It is your responsibility as the generator to ensure that the primary characteristic(s) of your waste(s) is (are) correct as acknowledged.

SCHEDULE "A"

This attached Schedule forms part of the acknowledgement of generator registration for the facility and site identified by Generator Registration Number ON0213909, dated at Toronto, this 8th day of June, 1987.

Waste Stream	Waste Class
1. Spent solvent, i.e. varsol	213I
2. Waste crankcase oil and lubricants	252L

Waste Management Branch Reviewer:  A.C. Stewart





Ministry of the Environment  
Ontario

**Generator Registration Report**  
Form 309, R.R.O. 1980, Form 2  
**Rapport L'inscription du producteur**  
Règlement 309, R.R.O. de 1980, formule 2

NOTE: Regulation 309 requires generators of hazardous liquid waste to submit a Generator Registration Report using this form respecting each waste generation facility and each hazardous or liquid industrial waste.  
REMARQUE: Le règlement 309 exige que les producteurs de déchets industriels liquides ou dangereux présentent un Rapport d'inscription du producteur en se servant de la présente formule pour chaque lieu de production de déchets et chaque déchet industriel liquide ou dangereux.

**Part I - Generator Identification / Partie I - Identification du producteur** **30-257-**

This report is / Le présent rapport constitue:

1.  an initial generator registration report / un premier rapport d'inscription du producteur  
 2.  a revision - enter Ontario Generator Registration No. / une révision - veuillez inscrire le numéro d'inscription du producteur de l'Ontario  
 3.  For generators located outside of Ontario, enter Registration/Identification number assigned by your local environmental authority / Si vous êtes un producteur de l'étranger, veuillez inscrire le numéro d'identification attribué par les autorités locales en matière d'environnement.

Generator Registration Number / N° d'inscription du producteur  
 0 N O 2 3 1 B 7 6 9

Name of Generator (Enter the complete name or, if a partnership or proprietorship, the name of the partnership, the name of the proprietor, the name of the business under a separate proprietorship unique, the name of the principal proprietorship/proprietorship) / Nom du producteur (Veuillez inscrire la dénomination sociale ou, s'il s'agit d'une société en nom collectif, le nom de la société, le nom du (des) principal(s) propriétaire(s)/propriétaire(s). Si le producteur envisage d'opérer une entreprise sous une dénomination ou un nom distinct, veuillez également le noter.)  
 Permanent Paving Company, A Standard Industries Company

4. Name / Nom  
 P e r m a n e n t P a v i n g C o m p a n y

5. Address / Adresse  
 1 2 2 4 L e w i s H e r b e r t A v e n u e M o n t r e a l

6. Municipality / Municipalité  
 T o r o n t o

Postal Code / Code postal  
 M 6 A 1 B 4

7. Site location / Lieu des installations  
 1 6 3 T i e r t e n S t r e e t

8. Municipality / Municipalité  
 C u e t p h

Postal Code / Code postal  
 N 1 H 3 E 1

9. Name of contact / Nom de la personne à contacter  
 R o l f H e y k e n s

10. Standard Industrial Classification Codes (SIC) for this report in Section 7 / Codes de la classification des activités économiques pour les installations décrites au n° 7  
 4 2 1 6 5 1 9 8 2 1 1 5 1 1

11. Total number of wastes to be registered with this report / Nombre total de déchets à inscrire au moyen de ce rapport  
 2

12. Name of Company Official / Nom du représentant autorisé de la compagnie  
 G a t y H . B r o w n

13. Position / Poste  
 G e n e r a l M a n a g e r

14. Signature / Signature  
 [Signature]

15. Date / Date  
 F e b r u a r y 1 6 , 1 9 8 7

Consentaneous may be provided by item 4 of the 2009 edition of the Environmental Protection Act, sections 47 and 14(7) / Les renseignements peuvent être fournis en vertu de l'article 47 et de l'article 14(7) de la Loi sur la protection de l'environnement.

16. Ministry Use Only / Réservé au ministère

County Code / Code de comté  
 Regional/District Code / Code de région/district  
 Municipal Code / Code de municipalité  
 Inter City Tie Line / Ligne privée interurbaine

17  
 209  
 08170101

Ministry of  
the Environment

Freedom of Information and  
Protection of Privacy Office

12<sup>th</sup> Floor  
40 St. Clair Avenue West  
Toronto ON M4V 1M2  
Tel.: (416) 314-4075  
Fax: (416) 314-4285

Ministère de  
l'Environnement

Bureau de l'accès à l'information  
et de la protection de la vie privée

12<sup>e</sup> étage  
40, avenue St. Clair ouest  
Toronto ON M4V 1M2  
Tél.: (416) 314-4075  
Télec.: (416) 314-4285



May 18, 2004

Ms Stefania S. Sottile  
Golder Associates Ltd.  
2390 Argentia Road  
Mississauga, ON L5N 5Z7

Dear Ms Sottile:

RE: ***Freedom of Information and  
Protection of Privacy Act Request  
Our File # WCR041340  
Your Reference # 04-1113-053***

This letter is in response to your request made pursuant to the *Freedom of Information and Protection of Privacy Act* relating to 45 Silver Creek Parkway South, Guelph, Ontario. (Parcel B)

After a thorough search of the Guelph District Office, Spills Action Centre, Investigations and Enforcement Branch, Environmental SWAT Team, Environmental Monitoring and Reporting Branch and Environmental Assessment and Approvals Branch, records were located in response to your request. After reviewing the records, it is my decision to provide full access to the attached information.

To provide you with a copy of the records and in accordance with Section 57 of the *Freedom of Information and Protection of Privacy Act*, the fee is:

• Search Time 1 hour @ \$30/hour	\$30.00
• Photocopying 11 pages @ \$0.20/page	2.20
• Delivery	<u>3.00</u>
• Total	\$35.20
• Less Deposit Received	<u>-30.00</u>
• <b>Balance Waived</b>	<b>\$5.20</b>
• <b>Amount Due</b>	<b>Nil</b>

The District Office has advised that there may be records in the Records Centre, Mississauga. To retrieve these files there is a charge of \$60.00 with no guarantee that any records will be located responsive to your request. **If you would like us to retrieve these files, \$60.00 in addition to the above amount is required.**

If you object to any decision I have made, you may request a review by contacting the Information and Privacy Commissioner, 80 Bloor Street West, 17th Floor, Toronto, M5S 2V1. Please note that there is a \$25.00 fee and you only have 30 days from receipt of this letter to request a review.

If you have any questions regarding this matter, please contact Kathy Paidock at 416-327-1429.

Yours truly,

  
Jim Lewis  
Manager

Attachment

c: B. Hislop  
0761DEA (05/02)



# Generator Registration Reports (GRR) Summary

Generator Registration No. <b>ON0321713</b>	Company Name <b>RED-D-MIX CONCRETE OIA LA FARGE CAN. INC.</b>	Log No. <b>33-AP6</b>
--	--	--------------------------

## Waste Management Branch Review

<input checked="" type="checkbox"/> Initial GRR	<input type="checkbox"/> Re-submission	<input type="checkbox"/> Name Change	<input type="checkbox"/> Address Change
GRR(s) Dated <b>Apr 27/92</b>	Date Received <b>Apr 30/92</b>		
Letter(s) Dated	Date Received		
Telephone Record			
Remarks			
MAY 20 11 13 29 AM '92 MAIL ROOM			
Waste(s) Added <b>252 L</b>			
<input type="checkbox"/> Please follow-up carriers/receivers	<input type="checkbox"/> Acknowledged	<input type="checkbox"/> Rejected	<input type="checkbox"/> Exempted
Waste Management Branch Reviewer <i>[Signature]</i>		Date <b>May 4/92</b>	

## Regional Review

<input type="checkbox"/> No changes to GRR	<input type="checkbox"/> Clarification to GRR (attachments enclosed)	<input type="checkbox"/> Changes to GRR (attachments enclosed)
<input type="checkbox"/> Site Audit	Company Contact	Audit Date
<input type="checkbox"/> Telephone Audit		
Remarks		
Regional Reviewer		
District Officer / Reg. 309 Co-ordinator		Date



Ontario

Ministry  
of the  
Environment

Ministère  
de  
l'Environnement

135 St. Clair Avenue West  
Suite 100  
Toronto, Ontario  
M4V 1P5

135, avenue St. Clair ouest  
Bureau 100  
Toronto (Ontario)  
M4V 1P5

MAY 11 1992

Red-D-Mix Concrete  
O/A La Farge Can. Inc.  
P.O. Box 65  
LCDI  
Hamilton, Ontario  
L8L 7V1

Attn: Mr. J.A. Foulon  
Operations Manager

Dear Mr. Foulon:

RE: Acknowledgement of Subject Waste Registration

As prescribed by Section 15(3) of Ontario Regulation 309, this letter acknowledges receipt of your Generator Registration Report(s) dated April 27, 1992 for the following site:

45 Silvercreek Parkway  
Guelph, Ontario

The Generator Registration Number assigned to your company at this site is:

**ON0321713**

Please note that this Generator Registration Number must be used only in conjunction with the site for which it was issued.

Please ensure that the company name shown in this letter is complete and accurate. This would be the corporate name or, if a partnership or proprietorship, the name of the principal(s). If you intend to carry on business under a separate name or style, this should also be entered. If there is a discrepancy, it is your responsibility to re-register providing us with your complete and accurate company name.

A list of the waste stream(s) covered by this acknowledgement is attached to this letter as Schedule "A".



Under the Environmental Protection Act of Ontario, off-site and on-site disposal of subject wastes is only permissible if the property receiving the waste has been approved as a waste disposal site. The disposal of waste materials in an uncertified site is unlawful.

For **off-site** disposal of subject wastes, the waste number(s) describing the waste stream(s) in Schedule "A" and the Generator Registration Number must be entered on manifest forms for each waste transaction after you have received this generator registration document. A copy of an example manifest form is attached for your information.

For **on-site** disposal of subject wastes covered by this acknowledgement, including on-site incineration, landfilling and discharges to sanitary sewers, every generator shall retain records for a period of at least two years. These records shall include the generator registration number, waste name(s), waste number(s), quantity and disposition of the waste(s).

For off-site disposal of any **registerable solid wastes** shown in Schedule "A" (waste classes ending in the letter "N"), manifesting is not required at this time. These wastes can be disposed of at most approved municipal landfilling sites.

The selection of accurate waste classes is the responsibility of each waste generator. This acknowledgement must not be considered as a confirmation of the accuracy of information submitted by you. Based on the information you have provided, the waste class(es) that has (have) been selected appear(s) to be correct. If, due to new information or re-assessment of information submitted, you feel your waste is inappropriately classified, you should apply for a revision to your registration using the Generator Registration Report, Form 2. Should the waste class(es) that you have selected be deemed incorrect by the Ministry, or improper waste disposal occurs at any time, you may be subject to legal action as provided by the Environmental Protection Act and Regulation 309.

Your Generator Registration Report has now been forwarded to the District Office of this Ministry that is closest to your generating site. The District Office will be conducting a post-registration audit and may be contacting you for additional information or may be conducting site visits.


It is important to note that under Section 15(4) of Ontario Regulation 309, a new Generator Registration Report must be submitted to the Ministry within fifteen (15) days for any of the following reasons:

1. If the name, address or telephone number of your company or waste generating site changes.
2. If the description, the waste class or physical or chemical characteristics of your registered wastes change(s).
3. If you generate a hazardous or liquid industrial waste that has not been registered with the Ministry.

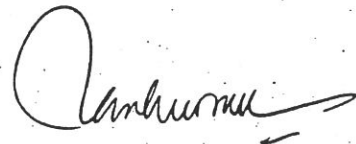
If the quantity of registered wastes or your carrier or receiver changes, automatic re-registration is not required. However, in order to update our file, we may periodically request additional information when we observe or suspect a significant change as compared to the most recent information submitted by you for registration purposes.

Should you have any questions concerning generator registration or manifesting requirements, please contact the Waste Management Branch Reviewer identified below at 323-5157.

Yours truly,

  
Director  
Regulation 309, R.R.O., 1980  
Environmental Protection Act

Waste Management Branch Reviewer:



Lan Duong

WT/cp

Enclosure

ADDITIONAL COMMENTS:

Please ensure that the wastes shown in Schedule "A" include all of your subject wastes and that other registerable wastes, such as solvents have not been omitted.

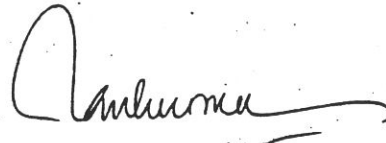
SCHEDULE "A"

This attached Schedule forms part of the acknowledgement of generator registration for the facility and site identified by Generator Registration Number **ON0321713**, dated at Toronto,

MAY 11 1992

	Waste Stream	Waste Class
1.	Used motor oil	252L

Waste Management Branch Reviewer: \_\_\_\_\_



Lan Duong



Ministry of the Environment

Ministère de l'Environnement

WASTE MANAGEMENT BRANCH

APR 30 1992

MANIFEST SYSTEM

Generator Registration Report  
Regulation 309, R.R.O. 1980, Form 2

Rapport d'inscription du producteur  
"Règlement 309, R.R.O. de 1980, formule 2"

NOTE: Regulation 309 requires generators of hazardous or liquid industrial wastes to submit a Generator Registration Report using this form respecting each waste generation facility and each hazardous or liquid industrial waste.

REMARQUE: Le règlement 309 exige que les producteurs de déchets industriels dangereux ou liquides présentent un Rapport d'inscription du producteur en se servant de la présente formule pour chaque lieu de production de déchets et chaque déchet industriel liquide ou dangereux.

Part I - Generator Identification / Partie I - Identification du producteur

33-886

This report is / Le présent rapport constitue:

Generator Registration Number  
N° d'inscription du producteur

1.  an initial generator registration report / un premier rapport d'inscription du producteur

ON032-1713

2.  a revision - enter Ontario Generator Registration No. / une révision - veuillez inscrire le numéro d'inscription du producteur de l'Ontario

3. For generators located outside of Ontario, enter Registration/Notification number assigned by your local environmental authority. / Si vous êtes un producteur de l'extérieur de l'Ontario, veuillez inscrire le numéro d'inscription d'identification attribué par les autorités locales en matière d'environnement.

Name of Generator (Enter the corporate name or, if a partnership or proprietorship, the name of the principal(s). If the generator intends to carry on business under a separate name or style, this should also be entered.) / Nom du producteur (Veuillez inscrire la dénomination sociale ou, s'il s'agit d'une société en nom collectif ou d'une société à propriétaire unique, le nom du (des) principal (principaux) propriétaire(s). Si le producteur envisage d'exploiter une entreprise sous une dénomination ou un nom distinct, veuillez également le noter.)

4. Name / Nom: RED-D-MIX CONCRETE OF LA FARGE CAN. INC.

5. Address / Adresse: PO BOX 65 LCDI

6. Municipality / Municipalité: HAMILTON  
Province/State / Province/État: ONT  
Postal Code / Code postal: L8L7V1

7. Site location / Lieu des installations: 45 SILVERCREEK PARKWAY

8. Municipality / Municipalité: GUELPH  
Province/State / Province/État: ONT  
Postal Code / Code postal: N1H6N9

9. Name of contact / Nom de la personne à contacter: VIC BARKER  
Tel No. / N° de tél.: 5198223031

10. Standard Industrial Classification Codes (SIC) for Site noted in Section 7. / Codes de la classification des activités économiques pour les installations décrites au n° 7

11. Total number of wastes to be registered with this report / Nombre total de déchets à inscrire au moyen de ce rapport: 001

12. Name of Company Official / Nom du représentant autorisé de la compagnie: JOHN A FOULON  
13. Position / Poste: OPERATIONS MANAGER

14. Signature / Signature: John A. Foulon  
15. Date / Date: APR. 27/92

Contraventions may be punished by fines of up to \$2,000 (higher if environmental damage may result). (Environmental Protection Act, sections 47 and 147).  
Toute infraction peut être sanctionnée par une amende maximale de 2 000 \$ (ou plus s'il peut en résulter une détérioration de l'environnement). (Articles 47 et 147 de la Loi sur la protection de l'environnement)

16. Ministry Use Only / Réserve au ministère	County Code / Code de comté	17
	Regional/District Code / Code de région/district	02-202
	Municipal Code / Code de municipalité	02170101
	Inter City Tie Line / Ligne privée interurbaine	







of the Environment  
de l'Environnement

BR

ENVIRONMENTAL MONITORING  
APR 5 1995

Generator Registration Report  
"Regulation 309, R.R.O. 1980, Form 2"

Rapport d'inscription du producteur  
"Règlement 309, R.R.O. de 1980, formule 2"

NOTE: Regulation 309 requires generators of hazardous or liquid industrial wastes to submit a Generator Registration Report using this form respecting each waste generator facility and each hazardous or liquid industrial waste.

REMARQUE: Le règlement 309 exige que les producteurs de déchets industriels liquides ou dangereux présentent un Rapport d'inscription du producteur en se servant de la présente formule pour chaque lieu de production de déchets et chaque déchet industriel liquide ou dangereux.

Part I - Generator Identification / Partie I - Identification du producteur

This report is / Le présent rapport constitue:

Generator Registration Number  
N° d'inscription du producteur

1.  an initial generator registration report / un premier rapport d'inscription du producteur

ON0321713

or / ou  
2.  a revision - enter Ontario Generator Registration No. / une révision - veuillez inscrire le numéro d'inscription du producteur de l'Ontario

3. For generators located outside of Ontario, enter Registration/Notification number assigned by your local environmental authority. / Si vous êtes un producteur de l'extérieur de l'Ontario, veuillez inscrire le numéro d'inscription/d'identification attribué par les autorités locales en matière d'environnement.

Name of Generator (Enter the corporate name or, if a partnership or proprietorship, the name of the principal(s). If the generator intends to carry on business under a separate name or style, this should also be entered.) / Nom du producteur (Veuillez inscrire la dénomination sociale ou, s'il s'agit d'une société en nom collectif ou d'une société à propriétaire unique, le nom du (des) principal (principaux) propriétaire(s). Si le producteur envisage d'exploiter une entreprise sous une dénomination ou un nom distinct, veuillez également le noter.)

4. Name / Nom  
LAFARGE CANADA INC.

5. Address / Adresse  
7880 KEELE ST., 5TH FLOOR

6. Municipality / Municipalité  
CONCORD  
Province/State / Province-Etat: ONT  
Postal Code / Code postal: L4K4G7

7. Site location / Lieu des installations  
45 SILVERCREEK PKWY

8. Municipality / Municipalité  
GUELPH  
Province/State / Province-Etat: ONT  
Postal Code / Code postal:

9. Name of contact / Nom de la personne à contacter  
Tel No. / N° de tél.: 9057387070

10. Standard Industrial Classification Codes (SIC) for Site noted in Section 7. / Codes de la classification des activités économiques pour les installations décrites au n° 7

11. Total number of wastes to be registered with this report / Nombre total de déchets à inscrire au moyen de ce rapport

12. Name of Company Official / Nom du représentant autorisé de la compagnie  
LISA FORWELL

13. Position / Poste  
ENVIRONMENTAL ENGINEER

14. Signature / Signature  
Lisa Forwell

15. Date / Date  
MAR. 23/95

PENALTY

PÉNALTÉ

Contraventions may be punished by fines of up to \$2,000 (higher if environmental damage may result). (Environmental Protection Act, sections 47 and 147)

Toute infraction peut être sanctionnée par une amende maximale de 2 000 \$ (ou plus s'il peut en résulter une détérioration de l'environnement). (Articles 47 et 147 de la Loi sur la protection de l'environnement)

16. Ministry Use Only / Réserve au ministère

County Code / Code de comté

Regional/District Code / Code de région/distinct

Municipal Code / Code de municipalité

Ministry of  
Environment  
and Energy

Ministère de  
l'Environnement  
et de l'Énergie

135 St. Clair Avenue West  
Suite 100  
Toronto ON M4V 1P5

135, avenue St. Clair ouest  
Bureau 100  
Toronto ON M4V 1P5

May 4, 1995

LAFARGE CANADA INC.  
7880 KEELE STREET, 5TH FLOOR  
CONCORD, ONT  
L4K 4G7

Attention: MS. LISA FORWELL

Re: Acknowledgement of Subject Waste Registration

In accordance with Subsection 18(3) of Ontario Regulation 347, this letter acknowledges receipt of your Generator Registration Report dated March 23, 1995. The Generator Registration Number assigned to your company is:

ON0321713

for the site located at:

45 SILVERCREEK PARKWAY  
GUELPH, ONT

A list of acknowledged waste number(s) is attached as Schedule "A". The format of this schedule has been modified since July 1993. A waste number now appears only once, regardless of the number of different waste streams which may have identical waste numbers. The waste description is also generic. However, you are still required to register all waste streams, even if they have identical waste numbers.

For off-site disposal of subject waste, the appropriate waste number(s) acknowledged in Schedule "A", and the Generator Registration Number, must be entered in Part A of each manifest form after receipt of this generator registration document. Under Ontario's Environmental Protection Act, the property receiving the waste must be approved as a disposal site for the waste it is receiving. The disposal of waste at an uncertified site is illegal.

The selection of accurate waste numbers is your responsibility. This acknowledgement must **not** be considered a confirmation of the accuracy of the information submitted by you. Should the waste number(s) you have selected be deemed incorrect by the Ministry, or improper waste disposal occurs at any time, you may be subject to legal action as provided by the Environmental Protection Act and Regulation 347.

It is important to note that under Subsection 18(4) of Regulation 347, a supplementary Generator Registration Report must be submitted to the Ministry within 15 days for any of the following reasons:

1. if the name, address or telephone number of your company or generating site changes, or
2. if there is a significant change in the description, the waste number, or the physical or chemical characteristics of your registered waste(s), or
3. if you generate a hazardous or liquid industrial waste that has not been registered with the Ministry, even if its waste number is already listed on Schedule "A".

Your Generator Registration Report has been forwarded to the District Office of this Ministry that is closest to your generating site. Staff of the District Office conduct post-registration audits and may contact you for additional information or may visit your site.

Should you have any questions concerning generator registration or manifesting requirements, please contact the appropriate District Office of the Ministry.

Toronto	(416)326-6700	Owen Sound	(519)371-2901
Oakville	(905)815-5920	Sarnia	(519)336-4030
York-Durham	(416)424-3000	Windsor	(519)254-2546
Hamilton	(905)521-7650	Sudbury	(705)675-4501
Cambridge	(519)622-8121	North Bay	(705)476-1001
Welland	(905)732-0816	Gravenhurst	(705)687-6647
Kingston	(613)549-4000	Barrie	(705)726-1730
Cornwall	(613)933-7402	Thunder Bay	(807)475-1315
Ottawa	(613)521-3450	Kenora	(807)468-2718
Peterborough	(705)743-2972	Sault Ste. Marie	(705)949-4640
London	(519)661-2200	Timmins	(705)268-3222



Director  
Regulation 347, R.R.O., 1990  
Environmental Protection Act

SCHEDULE "A"

In accordance with information submitted with your generator registration report(s), the site indicated below is registered for the waste number(s) shown on this schedule, which may represent more than one waste stream. This attached Schedule forms part of the acknowledgement of generator registration for the following site:

LAFARGE CANADA INC.

45 SILVERCREEK PARKWAY  
GUELPH, ONT

identified by Generator Registration Number ON0321713, dated in Toronto, May 4, 1995.

WASTE STREAM

WASTE NUMBER

1. WASTE OILS & LUBRICANTS

252L

---- End of List ----

Ministry of  
the Environment

Freedom of Information and  
Protection of Privacy Office

12<sup>th</sup> Floor  
40 St. Clair Avenue West  
Toronto ON M4V 1M2  
Tel.: (416) 314-4075  
Fax: (416) 314-4285

Ministère de  
l'Environnement

Bureau de l'accès à l'information  
et de la protection de la vie privée

12<sup>e</sup> étage  
40, avenue St. Clair ouest  
Toronto ON M4V 1M2  
Tél.: (416) 314-4075  
Télééc.: (416) 314-4285



May 14, 2004

Ms Stefania S. Sottile  
Golder Associates Ltd.  
2390 Argentia Road  
Mississauga, ON L5N 5Z7

Dear Ms Sottile:

RE: ***Freedom of Information and  
Protection of Privacy Act Request***  
**Our File # WCR041268**  
**Your Reference # 04-1113-053**

This letter is in response to your request made pursuant to the *Freedom of Information and Protection of Privacy Act* relating to Part Lots 2 and 3 Division E, Concession 1, Part Lots 10 and 12 and Part Lot 3, Part Napoleon Street Closed, Guelph, Ontario. (Parcel C)

After a thorough search of the Guelph District Office, Spills Action Centre, Investigations and Enforcement Branch, Environmental SWAT Team, Environmental Monitoring and Reporting Branch and Environmental Assessment and Approvals Branch, records were located in response to your request. After reviewing the records, it is my decision to provide full access to the attached information.

To provide you with a copy of the records and in accordance with Section 57 of the *Freedom of Information and Protection of Privacy Act*, the fee is:

• Search Time 1 hour @ \$30/hour	\$30.00
• Photocopying 4 pages @ \$0.20/page	.80
• Delivery	<u>3.00</u>
• Total	\$33.80
• Less Deposit Received	<u>-30.00</u>
• <b>Balance Waived</b>	<b>\$3.80</b>
• <b>Amount Due</b>	<b>Nil</b>

If you object to any decision I have made, you may request a review by contacting the Information and Privacy Commissioner, 80 Bloor Street West, 17th Floor, Toronto, M5S 2V1. Please note that there is a \$25.00 fee and you only have 30 days from receipt of this letter to request a review.

If you have any questions regarding this matter, please contact Kathy Paidock at 416-327-1429.

Yours truly,

  
Jim Lewis  
Manager

Attachment

c: C. Cascallar  
0761DEA (05/02)



Ontario

Ministry of Environment and Energy  
Ministère de l'Environnement et de l'Énergie

CERTIFICATE OF APPROVAL  
INDUSTRIAL SEWAGE WORKS  
NUMBER 0664-5BGRGH

Coldpoint Properties Ltd.  
80 Walnut Drive  
Guelph, Ontario  
N1E 4B5

Site Location: Highway #24 and Whitelaw Road Development  
Part Lot 2, Concession 1, Division "B"  
Guelph-Eramosa Township, County of Wellington

*You have applied in accordance with Section 53 of the Ontario Water Resources Act for approval of:*

stormwater management facility for expansion of an existing refrigerator manufacturing plant at the above location with discharge of stormwater to the adjacent municipal drain along Whitelaw Road (Township Road No. 5), consisting of the following:

- one (1) network of interconnected catchbasins and manholes for collection of stormwater from the south-western part of the site prior to discharge into a 1200 millimetre diameter collection pipe running along the western perimeter of the site which discharges into a wet pond;
- one (1) surface detention area and vegetated channel detention facility along the south-western boundary of the site with a total volumetric capacity of 321 cubic metres at an elevation of 322.40 metre during a 5-year storm affected by a 300 millimetre diameter Hickenbottom type inlet with discharge into the above 1200 millimetre diameter pipe;
- one (1) wet detention pond with a forebay at the north-east corner of the site with a permanent pool volume of 815 cubic metres at an elevation of 320.50 metre and an extended detention volume of 1577 cubic metres at an elevation of 321.40 metre affected by an outlet control structure;
- one (1) outlet control structure at the wet detention pond consisting of a 175 millimetre diameter orifice plate at the permanent water level of 320.50 metre to restrict the flow to a maximum rate of 0.058 cubic metre/second and to provide a detention time of 24 hours for a 25 millimetre storm for quality control; and
- all other appurtenances essential for proper operation of the aforementioned sewage works;

all in accordance with the Application for Approval of Industrial Sewage Works dated March 14, 2002 and the associated documents submitted by the President, Coldpoint Properties Limited, Guelph, Ontario.

*For the purpose of this Certificate of Approval and the terms and conditions specified below, the following definitions apply:*

"Certificate" means this entire certificate of approval document, issued in accordance with Section 53 of the *Ontario Water Resources Act*, and includes any schedules;

"Director" means any Ministry employee appointed by the Minister pursuant to section 5 of the *Ontario Water Resources Act*;

"District Manager" means the District Manager of the Guelph District Office of the Ministry;

"Ministry" means the Ontario Ministry of Environment and Energy;

"Owner" means Coldpoint Properties Limited and includes its successors and assignees; and

"works" means the sewage works described in the Owner's application, this certificate and in the supporting documentation referred to herein, to the extent approved by this certificate.

*You are hereby notified that this approval is issued to you subject to the terms and conditions outlined below:*

## TERMS AND CONDITIONS

### 1. GENERAL CONDITION

(1) Except as otherwise provided by these Conditions, the Owner shall design, build, install, operate and maintain the works in accordance with the description given in this Certificate, the application for approval of the works and the submitted supporting documents and plans and specifications as listed in this Certificate.

### 2. OPERATIONS MANUAL

(1) The Owner shall prepare an operations manual prior to the commencement of operation of the sewage works, that includes, but not necessarily limited to, the following information:

(a) operating procedures for routine operation of the works;



(b) inspection programs, including frequency of inspection, for the works and the methods or tests employed to detect when maintenance is necessary;

(c) repair and maintenance programs, including the frequency of repair and maintenance for the works;

(d) contingency plans and procedures for dealing with potential spill, bypasses and any other abnormal situations and for notifying the District Manager; and

(e) complaint procedures for receiving and responding to public complaints.

(2) The Owner shall maintain the operations manual up to date through revisions undertaken from time to time and retain a copy at the location of the sewage works. Upon request, the Owner shall make the manual available for inspection and copying by Ministry personnel.

*The reasons for the imposition of these terms and conditions are as follows:*

Condition No. 1 is imposed to ensure that the works are built and operated in the manner in which they were described for review and upon which approval was granted.

Condition No. 2 is included to ensure that a comprehensive operations manual governing all significant areas of operation, maintenance and repair is prepared, implemented and kept up-to-date by the owner and made available to the Ministry.

*In accordance with Section 100 of the Ontario Water Resources Act, R.S.O. 1990, Chapter 0.40, as amended, you may by written notice served upon me and the Environmental Review Tribunal within 15 days after receipt of this Notice, require a hearing by the Tribunal. Section 101 of the Ontario Water Resources Act, R.S.O. 1990, Chapter 0.40, provides that the Notice requiring the hearing shall state:*

1. The portions of the approval or each term or condition in the approval in respect of which the hearing is required, and;
2. The grounds on which you intend to rely at the hearing in relation to each portion appealed.

*The Notice should also include:*

3. The name of the appellant;
4. The address of the appellant;
5. The Certificate of Approval number;
6. The date of the Certificate of Approval;
7. The name of the Director;
8. The municipality within which the works are located;

*And the Notice should be signed and dated by the appellant.*

*This Notice must be served upon:*

The Secretary\*  
Environmental Review Tribunal  
2300 Yonge St., 12th Floor  
P.O. Box 2382  
Toronto, Ontario  
M4P 1E4

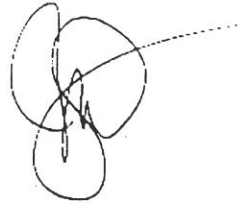
AND

The Director  
Section 53, *Ontario Water Resources Act*  
Ministry of Environment and Energy  
2 St. Clair Avenue West, Floor 12A  
Toronto, Ontario  
M4V 1L5

\* Further information on the Environmental Review Tribunal's requirements for an appeal can be obtained directly from the Tribunal at: Tel: (416) 314-4600, Fax: (416) 314-4506 or [www.ert.gov.on.ca](http://www.ert.gov.on.ca)

*The above noted sewage works are approved under Section 53 of the Ontario Water Resources Act.*

DATED AT TORONTO this 28th day of June, 2002



---

Mohamed Dhalla, P.Eng.  
Director  
Section 53, *Ontario Water Resources Act*

AC/  
c: District Manager, MOEE Guelph  
Tanya E. Lonsdale, Braun Consulting Engineers Ltd.

APPENDIX 4

Site Photographs

Parcel A



Photograph 1: A general view of the concrete pit located in the workshop.



Photograph 2: A view of the parts cleaner in the workshop.



Photograph 3: A view of the chemical storage in the workshop.



Photograph 4: A view of the chemical storage in the workshop.

April 2004

04-1113-053



Photograph 5: A view of the diesel ASTs on the south side of the building.



Photograph 6: A view of the bottom of the concrete enclosure for the ASTs.



Photograph 7: A view of the waste oil AST located on the north side of the building.



Photograph 8: A view of the staining on the concrete enclosure and asphalt.

April 2004

04-1113-053

**Parcel B**



Photograph 9: A view of the wood debris located on the east portion of Parcel B.



Photograph 10: A view of the concrete pieces observed near the former asphalt plant.

April 2004

04-1113-053





Photograph 11: A view of the wood debris noted on Parcel B.



Photograph 12: A view of the litter observed on Parcel B.

April 2004

04-1113-053



Photograph 13: A view of Howitt Creek on Parcel B.



Photograph 14: A view of scrap metal and concrete pieces with asphalt on Parcel B.  
April 2004

04-1113-053



Photograph 14: A view of the AST noted on a property located north of Parcel B.

**Parcel C**



Photograph 15: A general view of Parcel C.

April 2004

04-1113-053



Photograph 14: A view of the AST noted on a property located north of Parcel B.

**Parcel C**



Photograph 15: A general view of Parcel C.

April 2004

04-1113-053



Photograph 16: A general view of Parcel C.



Photograph 17: A view of the litter observed on the south portion of Parcel C.

April 2004

04-1113-053