



greenough environmental consulting

**PHASE I ENVIRONMENTAL SITE ASSESSMENT
1110 FISHER AVENUE
OTTAWA, ONTARIO**

Project No. 26275

Prepared for:

**Donald Byrne
Ottawa, Ontario**

Prepared by:

**Greenough Environmental Consulting Inc.
1827 Woodward Drive, Suite 110
Ottawa, Ontario, K2C 0P9**

July 19, 2011

EXECUTIVE SUMMARY

Greenough Environmental Consulting Inc. (GEC) conducted a Phase I Environmental Site Assessment (ESA) of the property located at 1110 Fisher Avenue, Ottawa, Ontario. The subject property is located on the west side of Fisher Avenue south of the intersection with Trent Street. The property consists of an older residential structure (c. 1930's) and several out buildings situated in a 1,516 sq. metre parcel of land.

The subject property is legally described as "Part lot L , Concession ARF as described in Deed/Transfer CR476959; Ottawa/Nepean."

Based on the information gathered and on observations made during this investigation, the Phase I ESA has not identified *actual* environmental concerns associated with the subject property. *Potential environmental concerns include the suspected presence of asbestos-containing materials and other designated substances within building materials in the residential structure.*

The Phase I ESA has also not identified *potential* or *actual* environmental concerns associated with the adjacent properties.

A summary of findings for the property is presented in **Table 1**.

Table 1 - Summary of Findings and Recommendations		
Potential Source of Contamination	Level of Potential Environmental Contamination	Findings
Adjacent Properties	None	Adjacent property uses include a private school, agricultural land and residential properties. None of the adjacent land uses appear to be currently impacting the subject property.
Historical Land Use	None	Past use of the subject property does not appear to have resulted in actual or potential environmental contamination. Past use of neighbouring properties do not appear to have impacted the subject property.
Underground Fuels and Chemicals	None	No concerns identified.
Aboveground Fuels and Chemicals	Low	One fuel oil tank was observed in the basement of the structure in good condition. No evidence of spills or leaks were observed.
Waste Management	None	No concerns identified.
Spill and Stain Areas	None	No history of spills or leaks. No staining was observed on the property.
Wastewater	None	No concerns identified.

Table 1 - Summary of Findings and Recommendations		
Potential Source of Contamination	Level of Potential Environmental Contamination	Findings
Discharges		
Air Discharges	None	No concerns identified.
Polychlorinated Biphenyls (PCBs)	None	No concerns identified.
Designated Substances	Low	Suspect asbestos-containing materials were observed in the basement crawlspace of the structure. Other designated substances may exist in building materials and equipment in the residential structure.
UFFI	None	No concerns identified.
Ozone Depleting Substances (ODSs)	None	No concerns identified.
Electromagnetic Frequencies	none	No concerns identified.
Radon	None	No concerns identified.

Notes: **High - Evidence of actual contamination**
 Moderate - Evidence of potential contamination (significant)
 Low - Evidence of potential contamination (minor)
 None - No evidence of contamination

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1.0 INTRODUCTION

Greenough Environmental Consulting Inc. (GEC) was commissioned by Mr. Donald Byrne to complete a Phase I Environmental Site Assessment (ESA) on the property located at 1110 Fisher Avenue, Ottawa, Ontario (the subject property).

The purpose of the Phase I ESA was to identify any actual or potential environmental contamination associated with the subject property that exist as a result of current or past on-site or off-site activities.

2.0 SCOPE OF WORK

The Phase I ESA carried out by GEC on this property is based on the requirements of the Canadian Standards Association (CSA) Phase I Environmental Site Assessment Information Product, Z768-01, November 2001, (CSA protocol) and consists of the following:

- Records review;
- Interviews with regulatory officials and personnel familiar with the subject and adjoining properties;
- A site visit; and
- Evaluation of information and preparation of the report provided herein.

A Phase I ESA does not include sampling or testing of air, soil, groundwater, surface water or building materials. These activities would be carried out in a Phase II ESA, if required. For this Phase I ESA, no enhancements were made to the CSA Z768-01 Standard. The Phase I ESA meets the requirements of ASTM E1527-97 with the exception of the specified regulatory databases that are not available within Canada.

2.1 Records Review

The applicable search distance for the records review included properties immediately adjoining the subject site and other properties (as identified by aerial photographs, site visit, insurance records, etc.) where the potential for environmental contamination to impact the subject property existed (e.g. petroleum products storage in the immediate area).

2.2 Interviews

Interviews were carried out to obtain or confirm information on the environmental characteristics of this property. A summary of interviewees and contact information is presented in **Appendix 1**.

2.3 Site Visit

The subject property, and readily visible and publicly accessible portions of neighbouring sites, were examined for the presence of actual or potential environmental contamination. All areas of the subject property were accessible to GEC during the site visit.

3.0 REGULATORY FRAMEWORK

Applicable federal, provincial and municipal regulations were reviewed to identify and assess potential or actual environmental contamination at the site and to develop appropriate recommendations.

It should be noted, however, that this assessment did not include a review or audit of operational environmental compliance issues, or of any environmental management systems (EMS) that may exist for the property. However, comments regarding environmental management issues are made where applicable.

Where required, the documents listed in **Appendix 2** were used as reference material for the completion of the Phase I ESA.

4.0 HISTORICAL INFORMATION

Historical information depicting the site and surrounding properties was obtained from a variety of sources as detailed in **Appendix 1** of this report.

4.1 Air Photo Interpretation

Based on the historical air photo interpretation, the subject property has remained relatively unchanged since the early 1930s except for growth of the trees and infill of the tree canopy. Due to the scale of the air photos and the presence of the tree canopy the date of any additions or major renovations could not be determined. No environmental concerns were noted with activities on the subject property during this time.

The adjacent properties to the north appear to have been developed for residential use in the early 1950s as the 1956 air photo shows low density housing along what is now Trent Street. The current houses appear in the 1978 air photo. Development continued in the area with residential construction, road and municipal service improvements until the mid 1990's, when the school building to the south of the subject property appears on what was agricultural land. The adjacent properties have undergone little change since this time

A copy of the air photo taken in 2008 (showing the most current configuration) is included in **Appendix 3**.

4.2 Regulatory History

The regulatory history of the subject property and adjacent properties was obtained through a search with EcoLog Environmental Risk Information Systems (ERIS) Ltd. EcoLog ERIS completed a search of over 50 databases, registries and directories that track environmental related information at the federal, provincial and municipal level.

No records were found, within the search databases, for the subject property. The following relevant records pertain to neighbouring properties within 0.25 km (250m) radius of the subject property.

Scott's Manufacturing Directory - 1992-Jan 2007

Scott's Directories is a data bank containing information on over 70,000 manufacturers in Ontario. Even though Scott's listings are voluntary, it is the most comprehensive database of Ontario manufacturers available. Information concerning a company's address, plant size, and main products are included in this database. This database begins with 1992 information and is updated annually.

Two manufacturer's are registered within 0.25 km of the subject property. Activities at these properties (miscellaneous publishing and music publishing) are not likely to have impacted the subject property.

Ontario Spills

This database identifies information such as location (approximate), type and quantity of contaminant, date of spill, environmental impact, cause, nature of impact, etc. Information from 1988-2002 was part of the ORIS (Occurrence Reporting Information System). The SAC (Spills Action Centre) handles all spills reported in Ontario. Regulations for spills in Ontario are part of the MOE's Environmental Protection Act, Part X.

One spill was registered at 1062 Bakervale Drive, approximately 160 metres northwest of the subject property. Approximately 1,200 litres of furnace oil were reportedly released to the land from a leaky line in September 1999. Based on the location of the spill and the type of spill (furnace oil) it is unlikely that heavy hydrocarbon would have migrated to the subject property. There is no record as to whether the spill was cleaned-up.

A copy of the EcoLog ERIS report is included in **Appendix 4**.

4.3 Interviews

Interviews were conducted with individuals familiar with the subject and surrounding properties to obtain and/or corroborate information collected during the records search and air photo review. The following relevant information was obtained during these interviews:

Bill Moloughney. – Mr. Moloughney has been the owner and occupant of the property for approximately 40 years. During this time, he was not aware of any environmental concerns associated with the subject property or the adjacent properties. He reported that no furnace oil spills had occurred on the property and the oil tank in the basement was replaced in 2000. Mr. Moloughney reported that the property to the south, now occupied by a school, was agricultural pasture when he first moved into the house.

5.0 SITE DESCRIPTION

5.1 Site Identification

The subject property is located at 1110 Fisher Avenue, southwest of downtown, facing the Canadian Experimental Farm property. The property is situated on the west side of Fisher Avenue south of the intersection with Trent Street. The property consists of an older 2 storey residential structure with basement and 3 out buildings (wooden storage sheds) on a residential parcel of land.

The subject property contains an area of approximately 1,516 square metres and is legally described as “Part lot L , Concession ARF as described in Deed/Transfer CR476959; Ottawa/Nepean.”

5.2 Site Characteristics

The general topography of the property is flat with a slight slope to the west away from Fisher Avenue. Drainage of surface water is expected to follow the slope towards the rear of the property and infiltrate into the natural subsurface.

Vegetation on the property consisted of a grass lawn, weed, mature trees and ornamental shrubs.

No evidence of lagoons, water retention ponds or stressed vegetation, were observed on the property.

A summary of property information is presented in **Table 2**.

Table 2 - Summary of Lot Information	
Services	
Electricity, Telephone, Natural Gas,	The property is serviced with electricity and telephone. The home is heated by an oil furnace. No natural gas services were observed.
Storm Water Drainage	Natural Infiltration on property and catchbasins along Fisher Avenue
Drinking Water	Municipal potable water supply
Sewage	Municipal sanitary sewage services.

5.3 Adjoining Properties

A summary of the current adjoining property uses are presented in **Table 3**.

Table 3 - Adjoining Properties – Current Land Use		
Boundary Side of Site	Current Activity	Potential Sources of Contamination
North	Single and Multi-Family residential Structures	None Identified
South	Private School (School Building and Parking Areas)	None Identified
West	Private School (Playground)	None identified
East	Fisher Avenue Right-of-Way, Canadian Experimental Farm (agricultural field).	None Identified

6.0 SITE FINDINGS

Mr. Michael Ecklund, B.Sc., Project Scientist for GEC, carried out the site reconnaissance on July 14, 2011. Photographs of the site were taken during the site visit. The photographs are included in **Appendix 5**.

6.1 Fuel/Chemical Handling and Storage

One 905 litres furnace steel furnace oil tank was observed in the basement crawlspace of the residential structure. The date stamp on the ULC plate indicated a manufacture date of 2000. No evidence of spills or leaks were observed. Information provided during interviews did not indicate that any historical spills or leaks had occurred.

6.2 Waste Materials

A small pile of waste lumber, tires and miscellaneous metal debris was observed beside the south shed. None of the materials are considered hazardous or are expected to be of environmental concern.

6.3 Spill and Stain Areas

No spill or stained areas were observed during the site reconnaissance.

6.4 Wastewater Discharges

Wastewater from the residential structure is directed to the municipal sanitary sewer system. No concerns were identified.

6.5 Air Discharges

No concerns were identified with air discharges.

6.6 Polychlorinated Biphenyls (PCBs)

No PCB containing equipment was noted on the property.

6.7 Designated Substances

Suspect asbestos-containing duct paper was observed in the basement crawl space of the home. Other potential asbestos-containing materials and designated substances may be present in building materials in the home.

6.8 Urea Formaldehyde Foam Insulation (UFFI)

No UFFI was observed on the property. No evidence that UFFI has been used in the structure was observed.

6.9 Ozone Depleting Substances (ODSs)

No ODS containing equipment was observed on the property.

6.10 Radon

Based on a review of available maps and documents, radon is not considered a concern in this area of the Ottawa Valley.

6.11 Electromagnetic Frequencies (EMFs)

High voltage transmission lines, which could generate electromagnetic frequencies, were not identified on the property. One transformer was observed on the northeast corner of the property. Based on its distance from the home (approximately 30 metres) EMFs are not expected to be a concern to occupants of the structure.

6.12 Noise and Vibration

No suspected major sources of noise or vibration were identified on or adjacent to the subject property during the site reconnaissance. Typical traffic noise could be heard from Fisher Avenue.

7.0 CONCLUSIONS

Based on the information gathered and on observations made during this investigation, the Phase I ESA has not revealed evidence of *actual* environmental concerns associated with the subject property or adjacent properties. *Potential environmental concerns include the suspected presence of asbestos-containing materials and other designated substances within building materials in the residential structure.*

8.0 CLOSURE

This report has been prepared for the benefit of Mr. Donald Byrne and his intended use. The report may not be relied upon by any other person or entity without the express written consent of Greenough Environmental Consulting Inc. (GEC), or the aforementioned parties.

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

Some of the information presented in this report was provided through existing documents and interviews. Although attempts were made, whenever possible, to obtain a minimum of two confirmatory sources of information, GEC in certain instances has been required to assume that the information provided is accurate.

The conclusions presented represent the best judgment of the assessor based on current environmental standards and on the site conditions observed on July 14, 2011. Due to the nature of the investigation and the limited data available, the assessor cannot warrant against undiscovered environmental liabilities.

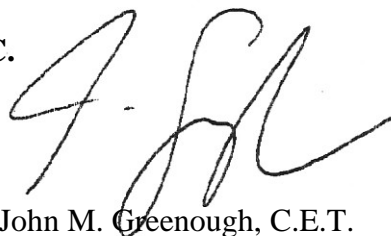
Should additional information become available, GEC requests that this information be brought to our attention so that we may re-assess the conclusions presented herein, if necessary.

We trust that this information is satisfactory for your present requirements. Should you have any questions or require additional information, please do not hesitate to contact the undersigned.

GREENOUGH ENVIRONMENTAL CONSULTING INC.



Michael A. Ecklund, B.Sc.
Senior Environmental Scientist



John M. Greenough, C.E.T.
President

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APPENDIX 1

RESOURCE INFORMATION

REGULATORY CONTACTS AND HISTORICAL SOURCES

SOURCE	INFORMATION/CONTACT
Aerial Photographs	National Air Photo Library, Ottawa, Ontario 2007, Google Earth, Digital Satellite Image
Interviews	Bill Moloughney, Owner, Resident
Historical Record Search	EcoLog ERIS Ltd., North York, Ontario

APPENDIX 2

REGULATIONS

Federal

Legislation

Canadian Environmental Protection Act:

- Storage of PCB Material Regulations (SOR/92-507)
- Federal Aboveground Storage Tank Technical Guidelines
- Federal Underground Storage Tank Technical Guidelines
- Chlorobiphenyls Regulation (SOR/91-152)
- Registration of Storage Tank Systems for Petroleum Products and Allied Petroleum Products on Federal Lands Regulations

Canada Water Act

- Guidelines for Canadian Drinking Water Quality
- Guidelines for Effluent Quality and Wastewater Treatment at Federal Establishments

Fisheries Act

Transportation of Dangerous Goods Act/Regulations

Policies, Guidelines, and Codes

Canadian Council of Ministers of the Environment (CCME)

- Environmental Code of Practice for Underground Storage Tanks Containing Petroleum Products and Allied Petroleum Products, March 1993
- Environmental Code of Practice for Aboveground Storage Tanks Containing Petroleum Products, 1993

Government of Canada Asbestos Abatement Guidelines, 1991-01-04

Code of Good Practice for Handling Solid Wastes at Federal Establishments (Environment Canada)

Guidelines for Effluent Quality and Wastewater Treatment at Federal Establishments (EPS-1-EC-76-1)

Provincial

- Environmental Protection Act (1990)
- Regulation 102 (Waste Audits and Waste Reduction Workplans), 1994
- Regulation 103 (Industrial, Commercial and Institutional Source Separation Workplans), 1994
- Regulation 329 (Energy Act, Fuel Oil Code), 1990
- Regulation 346 (Air), 1990
- Regulation 347 (Waste Management), 1990
- Regulation 362 (PCBs), 1990
- Regulation 521/93 (Gasoline Handling Act, Underground and Aboveground Storage Tanks), 1993
- Regulations 838 (Asbestos), 1990

APPENDIX 3

AIR PHOTOS



greenough environmental consulting

**1110 Fisher Avenue
Ottawa, Ontario
2008**

APPENDIX 4

ECOLOG ERIS REPORT



Canada's Primary Environmental Risk Information Service

Project Site: Fisher Phase 1 ESA
1110 Fisher Avenue
Ottawa, ON

Client: Michael Ecklund
Greenough Environmental Consulting
1827 Woodward Drive, Suite 110
Ottawa, ON K2C0P9

ERIS Project No: 20110711001

Report Type: Standard Report - .25km Search Radius

Prepared By: Daniela Nigro
dnigro@eris.ca

Date: July 14, 2011

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Site Name: Fisher Phase 1 ESA
Site Address: 1110 Fisher Avenue Ottawa, ON
Report Type: Standard Report, 0.25 km Search Radius

	<u>Section</u>
Report Summary <i>This outlines the number of records from each database that fall on the site, and within various distances from the site.</i>	i
Site Diagram <i>The records that were found within a specified distance from the project property (the primary search radius) have been plotted on a diagram to provide you with a visual representation of the information available. Sites will be plotted on the diagram if there is sufficient information from the database source to determine accurate geographic coordinates. Each plotted site is marked with an acronym identifying the database in which the record was found (i.e., WDS for Waste Disposal Sites). These are referred to as "Map Keys". A variety of problems are inherent when attempting to associate various government or private source records with locations. EcoLog ERIS has attempted to make the best fit possible between the available data and their positions on the site diagram.</i>	ii
Site Profile <i>This table describes the records that relate directly to the property that is being researched.</i>	iii
Detail Report <i>This section represents information, by database, for the records found within the primary search radius. Listed at the end of each database are the sites that could not be plotted on the locator diagram because of insufficient address information. These records will not have map keys. They have been included because they may be found to be relevant during a more detailed investigation.</i>	iv

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Appendix: Database Descriptions

Report Summary

Order Number: 20110711001
 Site Name: Fisher Phase 1 ESA
 Site Address: 1110 Fisher Avenue Ottawa, ON
 Report Type: Standard Report, 0.25 km Search Radius

Number of Mappable Records Surrounding the Site

Database		Selected	On-site	Within 0.25	0.25km to 2.00km	Total
AAGR	Abandoned Aggregate Inventory	Y	0	0	0	0
AGR	Aggregate Inventory	Y	0	0	0	0
AMIS	Abandoned Mine Information System	Y	0	0	0	0
ANDR	Anderson's Waste Disposal Sites	Y	0	0	4	4
AUWR	Automobile Wrecking & Supplies	Y	0	0	1	1
BORE	Borehole	Y	0	1	256	257
CA	Certificates of Approval	Y	0	0	112	112
CFOT	Commercial Fuel Oil Tanks	Y	0	0	5	5
CHEM	Chemical Register	Y	0	0	0	0
COAL	Coal Gasification Plants	Y	0	0	0	0
CONV	Compliance and Convictions	Y	0	0	0	0
DRL	Drill Hole Database	Y	0	0	0	0
EBR	Environmental Registry	Y	0	0	6	6
EEM	Environmental Effects Monitoring	Y	0	0	0	0
EHS	ERIS Historical Searches	Y	0	1	75	76
EIIS	Environmental Issues Information System	Y	0	0	0	0
FCON	Federal Convictions	Y	0	0	1	1
FCS	Contaminated Sites on Federal Land	Y	0	0	7	7
FOFT	Fisheries & Oceans Fuel Storage Tanks	Y	0	0	0	0
FST	Fuel Storage Tank	Y	0	0	35	35
GEN	Ontario Regulation 347 Waste Generators Summary	Y	0	0	344	344
IAFT	Indian & Northern Affairs Fuel Tanks	Y	0	0	0	0
MINE	Canadian Mine Locations	Y	0	0	0	0
MNR	Mineral Occurrences	Y	0	0	5	5
NATE	National Analysis of Trends in Emergencies System (NATES)	Y	0	0	0	0
NCPL	Non-Compliance Reports	Y	0	0	0	0
NDFT	National Defence & Canadian Forces Fuel Storage Tanks	Y	0	0	0	0
NDSP	National Defence & Canadian Forces Spills	Y	0	0	0	0
NDWD	National Defence & Canadian Forces Waste Disposal Sites	Y	0	0	0	0
NEES	National Environmental Emergencies System (NEES)	Y	0	0	0	0
NPCB	National PCB Inventory	Y	0	0	7	7
NPRI	National Pollutant Release Inventory	Y	0	0	7	7
OGW	Oil and Gas Wells	Y	0	0	0	0
OOGW	Ontario Oil and Gas Wells	Y	0	0	1	1
OPCB	Inventory of PCB Storage Sites	Y	0	0	2	2
PAP	Canadian Pulp and Paper	Y	0	0	0	0
PCFT	Parks Canada Fuel Storage Tanks	Y	0	0	0	0
PES	Pesticide Register	Y	0	0	10	10
PRT	Private and Retail Fuel Storage Tanks	Y	0	0	21	21
REC	Ontario Regulation 347 Waste Receivers Summary	Y	0	0	4	4
RSC	Record of Site Condition	Y	0	0	4	4
RST	Retail Fuel Storage Tanks	Y	0	0	5	5

Report Summary

Order Number: 20110711001
Site Name: Fisher Phase 1 ESA
Site Address: 1110 Fisher Avenue Ottawa, ON
Report Type: Standard Report, 0.25 km Search Radius

Database		Selected	On-site	Within 0.25	0.25km to 2.00km	Total
SCT	Scott's Manufacturing Directory	Y	0	2	111	113
SPL	Ontario Spills	Y	0	1	92	93
SRDS	Wastewater Discharger Registration Database	Y	0	0	0	0
TANK	Anderson's Storage Tanks	Y	0	0	0	0
TCFT	Transport Canada Fuel Storage Tanks	Y	0	0	0	0
WDS	Waste Disposal Sites - MOE CA Inventory	Y	0	0	0	0
WDSH	Waste Disposal Sites - MOE 1991 Historical Approval Inventory	Y	0	0	3	3
WWIS	Water Well Information System	Y	0	0	323	323
		TOTAL	0	5	1,441	1,446

The databases chosen by the client as per the submitted order form are denoted in the 'Selected' column in the above table. Counts have been provided outside the primary buffer area for cursory examination only. These records have not been examined or verified, therefore, they are subject to change.



Pinpointing Your Environmental Risks

12 Concorde Pl, Suite 800 North York, ON M3C 4J2
416-510-5204

Project Property: Fisher Phase 1 ESA
1110 Fisher Avenue
Ottawa, ON

ERIS Project #: 20110711001

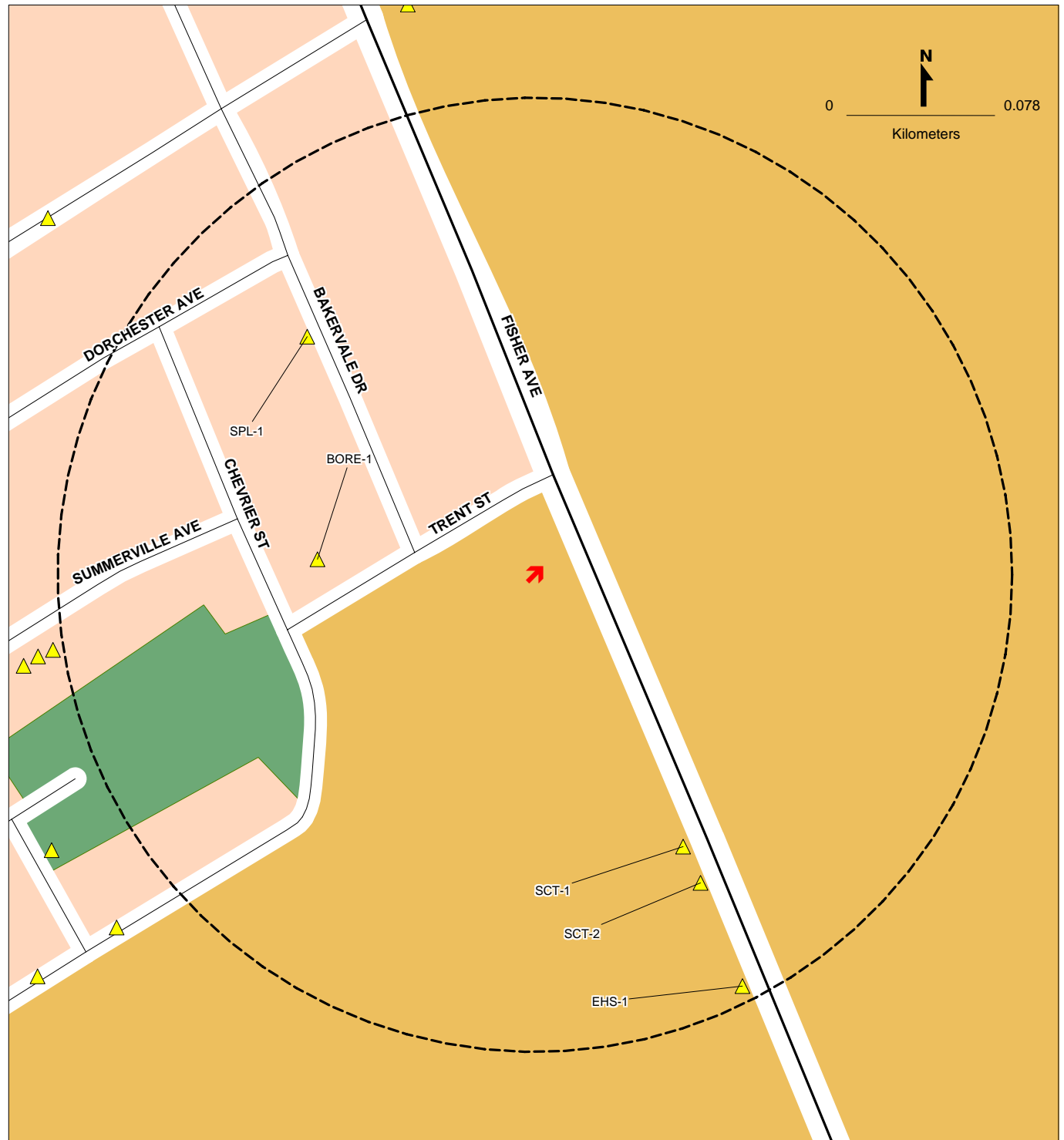
Date: JUL-14-2011

LEGEND

	Project Property	Landuse Classifications
	Database Location	Open Area
Points of Interest		Residential
	Chimney	Commercial
	Silo	Resource and Industrial
Pipe & Transmission Lines		Government and Institutional
	Pipeline	Parks and Recreational
	Transmission Line	Waterbody
	Transmission Tower	Recreation
	Transformer Station	Golf Course/Driving Range
Rail		Park/Sports Field
	Railway - Main	Other Recreation Area
	Railway - Sidetrack	Sports/Race Track
	Railway - Abandoned	Cemetery
	Bridge	Campground
	Tunnel	Vegetation
Transportation - Other		Wooded Area
	Embankment	Orchard
	Trail	Vineyard
	Runway	Industrial Resources
Hydrographic Features		Conveyor
	Permanent Waterway	Crane: Moveable
	Intermittent Waterway	Crane: Stationary
	Open Reservoir	Tank
	Dyke/Levee	Rock Cut
	Dam	Auto Wrecker
	Breakwall	Lumber Yard
	Wetland	Pit

This diagram is to be used solely for relative street location purposes.
It may not accurately portray street or site positions.

SITE DIAGRAM



Site Report

Order Number: 20110711001

Site Name: Fisher Phase 1 ESA

Site Address: 1110 Fisher Avenue Ottawa, ON

Report Type: Standard Report, 0.25 km Search Radius

FOR COMPLETE INFORMATION, REFER TO DETAIL REPORT

A search has been conducted for this site (address) and company name. No records were found, within the database(s) selected, that meet either of these criteria.

Detail Report

Order Number: 20110711001

Site Name: Fisher Phase 1 ESA

Site Address: 1110 Fisher Avenue Ottawa ON

Report Type: Standard Report, 0.25 km Search Radius

If information is required for sites located beyond the selected address, please contact your ERIS representative.

Borehole

ERIS Historical Searches

Scott's Manufacturing Directory

Ontario Spills

Borehole

Map Key	Company	Address	Borehole ID	Type	Use
BORE-1			612843	Borehole	
			Status:		
			Drill Method:		
			UTM Zone: 18		
			Easting: 443401.000		
			Northing: 5025332.000		
			Location Accuracy:		
			Orig. Ground Elevation(m): 80.199997		
			Elev. Reliability Note:		
			DEM Ground Elevation(m): 80		
			Total Depth(m): -999.000000		
			Primary Name:		
			Township:		
			Concession:		
			Lot:		
			Municipality		
			Completion Date:		
			Static Water Level: 9.600000		
			Primary Water Use:		
			Secondary Water Use:		
			Location Description:		
			<u>Geology</u>	<u>Top Depth(m)</u>	<u>Bottom Depth(m)</u>
			<u>Stratum ID</u>		<u>Stratum Desc</u>
			218392685	0.900000	2.100000
			218392686	2.100000	
					CLAY. FIRM. 231.5 FEET.LL. COMPACT. BEDROCK. ERED, WATER STABLE AT 220.0 FEET.TILL
			218392684	0	0.900000
					SAND.

ERIS Historical Searches

Map Key	Company	Address	Order No.	Report Date	Report Type	Search Radius (km)
EHS-1		1170 Fisher Avenue Ottawa K1Z 5R7	20110419026 Addit. Info Ordered:	4/21/2011	Standard Select Report	0.25

Scott's Manufacturing Directory

Map Key	Company	Address	Established	Plant Size (ft²)	Employment	SIC/NAICS Code	Description
SCT-1	LUCIAN BADIAN EDITIONS	1140 FISHER AVE SUITE 2001 OTTAWA K1Z 8M5	1993	0	2	2741	MISCELLANEOUS PUBLISHING
SCT-2	Lucian Badian Editions	1150 Fisher Ave Suite 908 Ottawa K1Z 8M6	1993		2	512230	Music Publishers

Ontario Spills

Map Key	Company	Address	Ref No.	Incident Dt	MOE Reported Dt	Contaminant Name	Contaminant Quantity
SPL-1	PRIVATE RESIDENCE	AT RESIDENCE AT 1062 BAKERVALL DR. (OWNER RICHARD BEELHER 613-724-9804) FURNACE OIL TANK OTTAWA CITY K1Z 6N9	173230	//	9/29/1999		
			Incident Summary:		PRIVATE RESIDENCE - 1200 L OF FURNACE OIL TO LAND FROM LEAKY LINE.		
			Incident Cause:		PIPE/HOSE LEAK		
			Incident Reason:		EQUIPMENT FAILURE		
			Nature of Impact:		Soil contamination		
			Receiving Medium:		LAND		
			Environmental Impact:		CONFIRMED		

Appendix: Ontario Database Descriptions

EcoLog Environmental Risk Information Services Ltd can search the following databases. The extent of historical information varies with each database and current information is determined by what is publicly available to EcoLog ERIS at the time of update. **Note:** Databases denoted with “*” indicates that the database will no longer be updated. See the individual database descriptions for more information.

Provincial Government Source Databases:

Abandoned Aggregate Inventory Up to Sept 2002

AAGR

The MAAP Program maintains a database of all abandoned pits and quarries. Please note that the database is only referenced by lot and concession and city/town location. The database provides information regarding the location, type, size, land use, status and general comments.

Aggregate Inventory Up to Jun 2010

AGR

The Ontario Ministry of Natural Resources maintains a database of all active pits and quarries. Please note that the database is only referenced by lot\concession and city/town location. The database provides information regarding the registered owner/operator, location, status, licence type, and maximum tonnage.

Abandoned Mines Information System 1800-2005

AMIS

The Abandoned Mines Information System contains data on known abandoned and inactive mines located on both Crown and privately held lands. The information was provided by the Ministry of Northern Development and Mines (MNDM), with the following disclaimer: “the database provided has been compiled from various sources, and the Ministry of Northern Development and Mines makes no representation and takes no responsibility that such information is accurate, current or complete”. Reported information includes official mine name, status, background information, mine start/end date, primary commodity, mine features, hazards and remediation.

Borehole 1875-Sept 2010

BORE

A borehole is the generalized term for any narrow shaft drilled in the ground, either vertically or horizontally. The information here includes geotechnical investigations or environmental site assessments, mineral exploration, or as a pilot hole for installing piers or underground utilities. Information is from many sources such as the Ministry of Transportation (MTO) boreholes from engineering reports and projects from the 1950 to 1990's in Southern Ontario. Boreholes from the Ontario Geological Survey (OGS) including The Urban Geology Analysis Information System (UGAIS) and the York Peel Durham Toronto (YPDT) database of the Conservation Authority Moraine Coalition. This database will include fields such as location, stratigraphy, depth, elevation, year drilled, etc.

For all water well data or oil and gas well data for Ontario please refer to WWIS and OOGW.

Certificates of Approval 1985-Mar 2011

CA

This database contains the following types of approvals: Air & Noise, Industrial Sewage, Municipal & Private Sewage, Waste Management Systems and Renewable Energy Approvals. The MOE in Ontario states that any facility that releases emissions to the atmosphere, discharges contaminants to ground or surface water, provides potable water supplies, or stores, transports or disposes of waste, must have a Certificate of Approval before it can operate lawfully. Fields include approval number, business name, address, approval date, approval type and status.

TSSA Commercial Fuel Oil Tanks 1948-Aug 2010

CFOT

Since May 2002, Ontario developed a new act where it became mandatory for fuel oil tanks to be registered with Technical Standards & Safety Authority (TSSA). This data would include all commercial underground fuel oil tanks in Ontario with fields such as location, registration number, tank material, age of tank and tank size.

Coal Gasification Plants 1987, 1988***COAL**

This inventory of all known and historical coal gasification plants was collected by the Ministry of Environment. It identifies industrial sites that produced and continue to produce or use coal tar and other related tars. Detailed information is available and includes: facility type, size, landuse, soil condition, site operators/occupants, site description, and potential environmental impacts. This information is effective to 1988, but the program has since been discontinued.

Compliance and Convictions 1989-Jun 2011**CONV**

This database summarizes the fines and convictions handed down by the Ontario courts beginning in 1989. Companies and individuals named here have been found guilty of environmental offenses in Ontario courts of law.

Drill Holes 1886-2005**DRL**

The Ontario Drill Hole Database contains information on more than 113,000 percussion, overburden, sonic and diamond drill holes from assessment files on record with the department of Mines and Minerals. Please note that limited data is available for southern Ontario, as it was the last area to be completed. The database was created when surveys submitted to the Ministry were converted in the Assessment File Research Image Database (AFRI) project. However, the degree of accuracy (coordinates) as to the exact location of drill holes is dependent upon the source document submitted to the MNDM. Levels of accuracy used to locate holes are: centering on the mining claim; a sketch of the mining claim; a 1:50,000 map; a detailed company map; or from submitted a "Report of Work".

Environmental Registry 1994-Jun 2011**EBR**

The Environmental Registry lists proposals, decisions and exceptions regarding policies, Acts, instruments, or regulations that could significantly affect the environment. Through the Registry, thirteen provincial ministries notify the public of upcoming proposals and invite their comments. For example, if a local business is requesting a permit, licence, or certificate of approval to release substances into the air or water; these are notified on the registry. Data includes things like; Approval for discharge into the natural environment other than water (i.e. Air), Permit to Take Water (PTTW), Certificate of Property Use (CPU), Approval for a waste disposal site, Order for preventative measures.(EPA s. 18), Order for conformity with Act for waste disposal sites.(EPA s. 44), Order for remedial work.(EPA s. 17) and many more.

TSSA Fuel Storage Tanks Current to Jun 2011**FST**

The Technical Standards & Safety Authority (TSSA), under the *Technical Standards & Safety Act* of 2000 maintains a database of registered private and retail fuel storage tanks in Ontario with fields such as location, tank status, license date, tank type, tank capacity, fuel type, installation year and facility type.

Ontario Regulation 347 Waste Generators Summary 1986-Oct 2010**GEN**

Regulation 347 of the Ontario EPA defines a waste generation site as any site, equipment and/or operation involved in the production, collection, handling and/or storage of regulated wastes. A generator of regulated waste is required to register the waste generation site and each waste produced, collected, handled, or stored at the site. This database contains the registration number, company name and address of registered generators including the types of hazardous wastes generated. It includes data on waste generating facilities such as: drycleaners, waste treatment and disposal facilities, machine shops, electric power distribution etc. This information is a summary of all years from 1986 including the most currently available data. Some records may contain, within the company name, the phrase "See & Use..." followed by a series of letters and numbers. This occurs when one company is amalgamated with or taken over by another registered company. The number listed as "See & Use", refers to the new ownership and the other identification number refers to the original ownership. This phrase serves as a link between the 2 companies until operations have been fully transferred.

Mineral Occurrences 1846-Nov 2010**MNR**

In the early 70's, the Ministry of Northern Development and Mines created an inventory of approximately 19,000 mineral occurrences in Ontario, in regard to metallic and industrial minerals, as well as some information on building stones and aggregate deposits. Please note that the "Horizontal Positional Accuracy" is approximately +/- 200 m. Many reference elements for each record were derived from field sketches using pace or chain/tape measurements against claim posts or topographic features in the area. The primary limiting factor for the level of positional accuracy is the scale of the source material. The testing of horizontal accuracy of the source materials was accomplished by comparing the planimetric (X and Y) coordinates of that point with the coordinates of the same point as defined from a source of higher accuracy.

Non-Compliance Reports 1992(water only), 1994-2009**NCPL**

The Ministry of the Environment provides information about non-compliant discharges of contaminants to air and water that exceed legal allowable limits, from regulated industrial and municipal facilities. A reported non-compliance failure may be in regard to a Control Order, Certificate of Approval, Sectoral Regulation or specific regulation/act.

Ontario Oil and Gas Wells 1800-Nov 2010**OOGW**

In 1998, the MNR handed over to the Ontario Oil, Gas and Salt Resources Corporation, the responsibility of maintaining a database of oil and gas wells drilled in Ontario. The OGSR Library has over 20,000+ wells in their database. Information available for all wells in the ERIS database include well owner/operator, location, permit issue date, well cap date, licence no., status, depth and the primary target (rock unit) of the well being drilled. All geology/stratigraphy table information, plus all water table information is also provide for each well record.

Ontario Inventory of PCB Storage Sites 1987-Oct 2004**OPCB**

The Ontario Ministry of Environment, Waste Management Branch, maintains an inventory of PCB storage sites within the province. Ontario Regulation 11/82 (Waste Management - PCB) and Regulation 347 (Generator Waste Management) under the Ontario EPA requires the registration of inactive PCB storage equipment and/or disposal sites of PCB waste with the Ontario Ministry of Environment. This database contains information on: 1) waste quantities; 2) major and minor sites storing liquid or solid waste; and 3) a waste storage inventory.

Pesticide Register 1988-Mar 2011**PES**

The Ontario Ministry of Environment maintains a database of all manufacturers and vendors of registered pesticides.

Private and Retail Fuel Storage Tanks 1989-1996***PRT**

The Fuels Safety Branch of the Ontario Ministry of Consumer and Commercial Relations maintained a database of all registered private fuel storage tanks and licensed retail fuel outlets. This database includes an inventory of locations that have gasoline, oil, waste oil, natural gas and/or propane storage tanks on their property. The MCCR no longer collects this information. This information is now collected by the Technical Standards and Safety Authority (TSSA).

Ontario Regulation 347 Waste Receivers Summary 1986-2008**REC**

Part V of the Ontario Environmental Protection Act ("EPA") regulates the disposal of regulated waste through an operating waste management system or a waste disposal site operated or used pursuant to the terms and conditions of a Certificate of Approval or a Provisional Certificate of Approval. Regulation 347 of the Ontario EPA defines a waste receiving site as any site or facility to which waste is transferred by a waste carrier. A receiver of regulated waste is required to register the waste receiving facility. This database represents registered receivers of regulated wastes, identified by registration number, company name and address, and includes receivers of waste such as: landfills, incinerators, transfer stations, PCB storage sites, sludge farms and water pollution control plants. This information is a summary of all years from 1986 including the most currently available data.

Record of Site Condition 1997-Sept 2001, Oct 2004-Jun 2011**RSC**

The Record of Site Condition (RSC) is part of the Ministry of the Environment's Brownfields Environmental Site Registry. Protection from environmental cleanup orders for property owners is contingent upon documentation known as a record of site condition (RSC) being filed in the Environmental Site Registry. In order to file an RSC, the property must have been properly assessed and shown to meet the soil, sediment and groundwater standards appropriate for the use, such as residential, proposed to take place on the property. The Record of Site Condition Regulation (O. Reg. 153/04) details requirements related to site assessment and clean up. Information available includes Registration Number, Filing Owner, Property Address, Filing Date and Municipality.

Ontario Spills 1988-Nov 2010**SPL**

This database identifies information such as location (approximate), type and quantity of contaminant, date of spill, environmental impact, cause, nature of impact, etc. Information from 1988-2002 was part of the ORIS (Occurrence Reporting Information System). The SAC (Spills Action Centre) handles all spills reported in Ontario. Regulations for spills in Ontario are part of the MOE's Environmental Protection Act, Part X.

Wastewater Discharger Registration Database 1990-2009**SRDS**

Information under this heading is combination of the following 2 programs. The Municipal/Industrial Strategy for Abatement (MISA) division of the Ontario Ministry of Environment maintained a database of all direct dischargers of toxic pollutants within nine sectors including: Electric Power Generation; Mining; Petroleum Refining; Organic Chemicals; Inorganic Chemicals; Pulp & Paper; Metal Casting; Iron & Steel; and Quarries. All sampling information is now collected and stored within the Sample Result Data Store (SRDS).

Waste Disposal Sites - MOE CA Inventory 1970-Mar 2011**WDS**

The Ontario Ministry of Environment, Waste Management Branch, maintains an inventory of known open (active or inactive) and closed disposal sites in the Province of Ontario. Active sites maintain a Certificate of Approval, are approved to receive and are receiving waste. Inactive sites maintain Certificate(s) of Approval but are not receiving waste. Closed sites are not receiving waste. The data contained within this database was compiled from the MOE's Certificate of Approval database. Locations of these sites may be cross-referenced to the Anderson database described under ERIS's Private Source Database section, by the CA number. For more current information for Waste Disposal Sites please see the EBR database, which will include information such as 'Approval for a waste disposal site (EPA s.27)' and 'Approval for use of a former waste disposal site (EPA s.46)'.

Waste Disposal Sites - MOE 1991 Historical Approval Inventory Up to Oct 1990***WDSH**

In June 1991, the Ontario Ministry of Environment, Waste Management Branch, published the "June 1991 Waste Disposal Site Inventory", of all known active and closed waste disposal sites as of October 30st, 1990. For each "active" site as of October 31st 1990, information is provided on site location, site/CA number, waste type, site status and site classification. For each "closed" site as of October 31st 1990, information is provided on site location, site/CA number, closure date and site classification. Locations of these sites may be cross-referenced to the Anderson database described under ERIS's Private Source Database section, by the CA number.

Water Well Information System 1955-Mar 2011**WWIS**

This database describes locations and characteristics of water wells found within Ontario in accordance with Regulation 903. It includes such information as coordinates, construction date, well depth, primary and secondary use, pump rate, static water level, well status, etc. Also included are detailed stratigraphy information, approximate depth to bedrock and the approximate depth to the water table.

Federal Government Source Databases:**Diagram Identifier:****Environmental Effects Monitoring 1992-2007*****EEM**

The Environmental Effects Monitoring program assesses the effects of effluent from industrial or other sources on fish, fish habitat and human usage of fisheries resources. Since 1992, pulp and paper mills have been required to conduct EEM studies under the Pulp and Paper Effluent Regulations. This database provides information on the mill name, geographical location and sub-lethal toxicity data.

Environmental Issues Inventory System 1992-2001***EIIS**

The Environmental Issues Inventory System was developed through the implementation of the Environmental Issues and Remediation Plan. This plan was established to determine the location and severity of contaminated sites on inhabited First Nation reserves, and where necessary, to remediate those that posed a risk to health and safety; and to prevent future environmental problems. The EIIS provides information on the reserve under investigation, inventory number, name of site, environmental issue, site action (Remediation, Site Assessment), and date investigation completed.

Federal Convictions 1988-Jun 2007**FCON**

Environment Canada maintains a database referred to as the “Environmental Registry” that details prosecutions under the Canadian Environmental Protection Act (CEPA) and the Fisheries Act (FA). Information is provided on the company name, location, charge date, offence and penalty.

Contaminated Sites on Federal Land June 2000-May 2011**FCS**

The Treasury Board of Canada Secretariat maintains an inventory of all known contaminated sites held by various Federal departments and agencies. This inventory does not include properties owned by Crown corporations, but does contain non-federal sites for which the Government of Canada has accepted some or all financial responsibility. All sites have been classified through a system developed by the Canadian Council of Ministers of the Environment. The database provides information on company name, location, site ID #, property use, classification, current status, contaminant type and plan of action for site remediation.

Fisheries & Oceans Fuel Tanks 1964-Sept 2003**FOFT**

Fisheries & Oceans Canada maintains an inventory of all aboveground & underground fuel storage tanks located on Fisheries & Oceans property or controlled by DFO. Our inventory provides information on the site name, location, tank owner, tank operator, facility type, storage tank location, tank contents & capacity, and date of tank installation.

Indian & Northern Affairs Fuel Tanks 1950-Aug 2003**IAFT**

The Department of Indian & Northern Affairs Canada (INAC) maintains an inventory of all aboveground & underground fuel storage tanks located on both federal and crown land. Our inventory provides information on the reserve name, location, facility type, site/facility name, tank type, material & ID number, tank contents & capacity, and date of tank installation.

National Analysis of Trends in Emergencies System (NATES) 1974-1994***NATE**

In 1974 Environment Canada established the National Analysis of Trends in Emergencies System (NATES) database, for the voluntary reporting of significant spill incidents. The data was to be used to assist in directing the work of the emergencies program. NATES ran from 1974 to 1994. Extensive information is available within this database including company names, place where the spill occurred, date of spill, cause, reason and source of spill, damage incurred, and amount, concentration, and volume of materials released.

National Defence & Canadian Forces Fuel Tanks Up to May 2001***NDFT**

The Department of National Defence and the Canadian Forces maintains an inventory of all aboveground & underground fuel storage tanks located on DND lands. Our inventory provides information on the base name, location, tank type & capacity, tank contents, tank class, date of tank installation, date tank last used, and status of tank as of May 2001. This database will no longer be updated due to the new National Security protocols which have prohibited any release of this database.

National Defence & Canadian Forces Spills Mar 1999-Aug 2010**NDSP**

The Department of National Defence and the Canadian Forces maintains an inventory of spills to land and water. All spill sites have been classified under the “Transportation of Dangerous Goods Act - 1992”. Our inventory provides information on the facility name, location, spill ID #, spill date, type of spill, as well as the quantity of substance spilled & recovered.

National Defence & Canadian Forces Waste Disposal Sites 2001-April 2007**NDWD**

The Department of National Defence and the Canadian Forces maintains an inventory of waste disposal sites located on DND lands. Where available, our inventory provides information on the base name, location, type of waste received, area of site, depth of site, year site opened/closed and status.

National Environmental Emergencies System (NEES) 1974-2003**NEES**

In 2000, the Emergencies program implemented NEES, a reporting system for spills of hazardous substances. For the most part, this system only captured data from the Atlantic Provinces, some from Quebec and Ontario and a portion from British Columbia. Data for Alberta, Saskatchewan, Manitoba and the Territories was not captured. However, NEES is also a repository for all previous Environment Canada spill datasets. NEES is composed of the historic datasets – or Trends – which dates from approximately 1974 to present. **NEES Trends** is a compilation of historic databases, which were merged and includes data from NATES (National Analysis of Trends in Emergencies System), ARTS (Atlantic Regional Trends System), and NEES. In 2001, the Emergencies Program determined that variations in reporting regimes and requirements between federal and provincial agencies made national spill reporting and trend analysis difficult to achieve. As a consequence, the department has focused efforts on capturing data on spills of substances which fall under its legislative authority only (CEPA and FA). As such, the NEES database will be decommissioned in December 2004.

National PCB Inventory 1988-2008**NPCB**

Environment Canada's National PCB inventory includes information on in-use PCB containing equipment in Canada including federal, provincial and private facilities. All federal out-of-service PCB containing equipment and all PCB waste owned by the federal government or by federally regulated industries such as airlines, railway companies, broadcasting companies, telephone and telecommunications companies, pipeline companies, etc. are also listed. Although it is not Environment Canada's mandate to collect data on non-federal PCB waste, the National PCB inventory includes some information on provincial and private PCB waste and storage sites.

National Pollutant Release Inventory 1993-2009**NPRI**

Environment Canada has defined the National Pollutant Release Inventory ("NPRI") as a federal government initiative designed to collect comprehensive national data regarding releases to air, water, or land, and waste transfers for recycling for more than 300 listed substances.

Parks Canada Fuel Storage Tanks 1920-Jan 2005**PCFT**

Canadian Heritage maintains an inventory of all known fuel storage tanks operated by Parks Canada, in both National Parks and at National Historic Sites. The database details information on site name, location, tank install/removal date, capacity, fuel type, facility type, tank design and owner/operator.

Transport Canada Fuel Storage Tanks 1970-March 2007**TCFT**

With the provinces of BC, MB, NB, NF, ON, PE, and QC; Transport Canada currently owns and operates 90 fuel storage tanks. This inventory will also include The Pickering Lands, which refers to the 7,530 hectares (18,600 acres) of land in Pickering, Markham and Uxbridge - owned by the Government of Canada since 1972. Properties on this land has been leased by the government since 1975, falls under the Site Management Policy of Transport Canada, but administered by Public Works and Government Services Canada. Our inventory provides information on the site name, location, tank age, capacity and fuel type.

Private Source Databases:**Anderson's Waste Disposal Sites 1860s-Present****ANDR**

The information provided in this database was collected by examining various historical documents which aimed to characterize the likely position of former waste disposal sites from 1860 to present. The research initiative behind the creation of this database was to identify those sites that are missing from the *Ontario MOE Waste Disposal Site Inventory*, as well as to provide revisions and corrections to the positions and descriptions of sites currently listed in the MOE inventory. In addition to historic waste disposal facilities, the database also identifies certain auto wreckers and scrap yards that have been extrapolated from documentary sources. *Please note that the data is not warranted to be complete, exhaustive or authoritative. The information was collected for research purposes only.*

Automobile Wrecking & Supplies 2001-Jun 2010

AUWR

This database provides an inventory of all known locations that are involved in the scrap metal, automobile wrecking/recycling, and automobile parts & supplies industry. Information is provided on the company name, location and business type.

Chemical Register 1992, 1999-Jun 2010

CHEM

This database includes information from both a one time study conducted in 1992 and private source and is a listing of facilities that manufacture or distribute chemicals. The production of these chemical substances may involve one or more chemical reactions and/or chemical separation processes (i.e. fractionation, solvent extraction, crystallization, etc.).

ERIS Historical Searches 1999-Apr 2011

EHS

EcoLog ERIS has compiled a database of all environmental risk reports completed since March 1999. Available fields for this database include: site location, date of report, type of report, and search radius. As per all other databases, the ERIS database can be referenced on both the map and "Statistical Profile" page.

Canadian Mine Locations 1998-2009

MINE

This information is collected from the Canadian & American Mines Handbook. The Mines database is a national database that provides over 290 listings on mines (listed as public companies) dealing primarily with precious metals and hard rocks. Listed are mines that are currently in operation, closed, suspended, or are still being developed (advanced projects). Their locations are provided as geographic coordinates (x, y and/or longitude, latitude). As of 2002, data pertaining to Canadian smelters and refineries has been appended to this database.

Oil and Gas Wells Oct 2001-Mar 2011

OGW

The Nickle's Energy Group (publisher of the Daily Oil Bulletin) collects information on drilling activity including operator and well statistics. The well information database includes name, location, class, status and depth. The main Nickles' database is updated on a daily basis, however, this database is updated on a monthly basis. More information is available at www.nickles.com.

Canadian Pulp and Paper 1999, 2002, 2004, 2005, 2009

PAP

This information is part of the Pulp and Paper Canada Directory. The Directory provides a comprehensive listing of the locations of pulp and paper mills and the products that they produce.

Retail Fuel Storage Tanks 2000-Jun 2010

RST

This database includes an inventory of retail fuel outlet locations (including marinas) that have on their property gasoline, oil, waste oil, natural gas and / or propane storage tanks. Information is provided on company name, location and type of business.

Scott's Manufacturing Directory 1992-Mar 2011

SCT

Scott's Directories is a data bank containing information on over 70,000 manufacturers in Ontario. Even though Scott's listings are voluntary, it is the most comprehensive database of Ontario manufacturers available. Information concerning a company's address, plant size, and main products are included in this database. This database begins with 1992 information and is updated annually.

Anderson's Storage Tanks 1915-1953*

TANK

The information provided in this database was collected by examining various historical documents, which identified the location of former storage tanks, containing substances such as fuel, water, gas, oil, and other various types of miscellaneous products. Information is available in regard to business operating at tank site, tank location, permit year, permit & installation type, no. of tanks installed & configuration and tank capacity. *Data contained within this database pertains only to the city of Toronto and is not warranted to be complete, exhaustive or authoritative. The information was collected for research purposes only.*

APPENDIX 5

SITE PHOTOGRAPHS



Photo1: Subject Property as seen from Fisher Avenue, looking west.



Photo 2: Typical exterior construction of residential structure.



Photo 3: South shed with miscellaneous debris and waste materials.



Photo 4: Interior view of south shed.



Photo 5: Northwest shed looking north.



Photo 6: Interior view of northwest shed.



Photo 7: Northeast shed looking north.



Photo 8: Interior view of northeast shed.



Photo 11: Furnace oil tank in basement crawlspace.