



**ENVIRONMENTAL ASSESSMENT REPORT
103-251 SAULTEAUX CRESCENT
WINNIPEG, MANITOBA**

Submitted to:

Central Dental Solutions
103-251 Saulteaux Crescent
Winnipeg, Manitoba
R3J 3C4

Attention: Mr. Cam Mailey, General Manager

Submitted by:

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AMEC Project Number: WX17208

August 20, 2013

EXECUTIVE SUMMARY

Central Dental Solutions authorized AMEC Environment & Infrastructure, a division of AMEC Americas Limited (AMEC) to complete an Environmental Assessment (ES) Report for the proposed hazardous waste and bio-hazard facility to be located at 103 – 251 Saulteaux Crescent in Winnipeg, Manitoba. This Environmental Assessment (EA) Report will support the proponents permit application for a Hazardous Waste Generation (Bio-Hazard) and Transportation Permit and a license application to store and transfer hazardous waste (bio-hazard) is under the Dangerous Goods Handling and Transportation (DGHT) Act.

Project Description and Existing Land Use

Central Dental is applying for a license for the proposed project site which would allow them to temporarily store and transfer hazardous waste / bio-hazard. Hazardous waste and bio-hazard would be picked up from various dental and medical offices in a sealed containment box and brought into the warehouse to be packaged, sterilized and palletized.

The bio-hazard would be stored in a closed containment until processed. Once palletized, the pallets will be transported by Western messenger to be disposed of as per current procedures.

The hazardous waste will be sealed and have a serial numbers. Central Dental will pick up the containers and transport them in a sealed containment box to the warehouse. At the warehouse, the containers with the serial numbers will be entered into their internal database. The containers will then be packed tightly into a new UN steel drum. Once the drum is full, it will be sealed and shipped to Miller Environmental or BioMed to be put in freight containers and sent to a certified disposal company.

The proposed project site is located along the south side of Saulteaux Crescent, east of Moray Street in the St. James Assiniboia East neighbourhood of the Murray Industrial Park ward of the City of Winnipeg, Manitoba. According to the City of Winnipeg Citizen's Information Service, the Site and adjacent properties are zoned for Manufacturing – General (M2).

The site is developed with a large commercial building divided into office spaces, a warehouse area and cross dock area along the west of the facility. The surrounding land consists of commercial and industrial uses.

Potential Effects and Mitigation

As a result of the project site being located in an area zoned as manufacturing, presence of industrial and commercial uses surroundings the site and the project site being disturbed and used commercially, no effects to flora or fauna species are anticipated from this project. There is the potential for amphibians and reptiles to be present in low lying areas adjacent to the site but no effects are anticipated as the proposed storage and transfer of hazardous waste and bio-hazard material will not affect the low lying areas.

There are no waterbodies, municipal, provincial or federal parks, First Nation lands, schools or heritage sites located on or adjacent to the site. A rail line and right of way are located south of the Site. The nearest residential area is located approximately 0.8 km south of the project site. The proposed hazardous waste and bio-hazard will not affect the existing rail line or the residential area.

There is the potential for air emissions to be produced from the operation of the proposed hazardous waste and bio-hazard facility. These emissions include those that may be generated by increased truck traffic transporting the hazardous waste and bio-hazard. Mitigation measures to reduce these potential effects include, ensuring transport vehicles for the bio-hazard and hazardous waste are maintained and in proper working condition. It is anticipated that potential effects as a result of air emissions from the project are negligible.

The operation of the proposed hazardous waste and bio-hazard facility will have no effects on the climate or greenhouse gas emissions. Although there is the potential for a slight increase in traffic in the area, the number of trucks transporting the bio-hazard and hazardous waste and exhaust produced will be minimal in comparison to the existing and new traffic that is generated from the existing industrial and commercial development surrounding the site.

There is the potential for additional noise to be generated from the slight increase in truck traffic that will be generated as a result of the proposed hazardous waste and bio-hazard facility.

Given the location of the facility in a manufacturing – general zone, existing industrial and commercial properties surrounding the site, and distance to the nearest residential property of approximately 0.8 km, effects from noise emissions are considered negligible.

Increased traffic may result from the addition of transport trucks used for the delivery and hauling away of the hazardous waste and bio-hazard. It is anticipated that the number of additional vehicles/trucks will be minimal in comparison to the existing traffic that is generated from the existing industrial and commercial development surrounding the site.

There is the potential for spills to occur as a result of the storage and transfer of hazardous materials on site. Spills or leakage from machinery (i.e, forklifts) may also occur. Potential effects from spills are considered negligible if the following mitigation measures are followed: maintenance of equipment; proper storage of hazardous materials; adherence to all emergency, and fire safety plans.

There are no anticipated residual effects as a result of the proposed bio-hazard and hazardous waste facility.

Follow-up Plans

Central Dental will ensure that the Emergency Plan (Appendix A) and the Fire Escape (Appendix B) is reviewed, understood and adhered to by all personnel.

As the project is not anticipated to cause any effects to the biophysical or socio-economic environments adjacent to the site, no follow-up plans or monitoring plans are required.

Conclusion

As a result of the project location (manufacturing - general), current existing environment of the site (commercial use) and adherence to the emergency plan developed by Central Dental Solutions for the hazardous waste and bio-hazard transfer station, it has been determined there will be no environmental effects as a result of the proposed project.

SIGNATURE PAGE

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1.0 INTRODUCTION

Mr. Cam Mailey of Central Dental Solutions authorized AMEC Environment & Infrastructure, a division of AMEC Americas Limited (AMEC), to complete an Environmental Assessment (EA) Report to support the proponents permit application for a Hazardous Waste Generation (Bio-Hazard) and Transportation Permit. Currently, the proposed project site is located within the North Moray Centre (Figure 1) with various other tenants; np2 strategy branding advertising, Acure Group Inc., Western Environmental Canada – Petroleum Equipment, Douglas Paul Design, Kennedy & Samuels, Vista Finishing Systems, and Meditek.

A license for a facility to store and transfer hazardous waste (bio-hazard) is required under the Dangerous Goods Handling and Transportation (DGHT) Act. Central Dental Solutions requested AMEC prepare the Environmental Assessment Report as part of their DGHT Act application for the Site.

2.0 DESCRIPTION OF PROPOSED DEVELOPMENT

2.1 Legal Land Description

The proposed project site is located along the south side of Saulteaux Crescent, east of Moray Street in the St. James Assiniboia East Neighborhood of the Murray Industrial Park Ward of the City of Winnipeg, Manitoba (Figure 2).

2.2 Current Site Description and Facilities

The proposed project site identified for the bio-hazard and hazardous waste facility is located along the south side of Saulteaux Crescent in the St. James Assiniboia East neighborhood of the Murray Industrial Park Ward of Winnipeg, Manitoba. The site is developed with a large commercial building divided into office spaces, a warehouse area and cross dock area along the west of the facility. Site photos of the existing commercial building, and associated facilities, and surrounding land can be found in Appendix D.

2.3 Land Use Designation

According to the City of Winnipeg Citizen's Information Service, the Site and adjacent properties are zoned for Manufacturing – General (M2). The Site is additionally zoned as airport vicinity (PDO designation).



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PROJECT SITE PLAN
ENVIRONMENTAL ASSESSMENT REPORT
103-251 SAULTEAUX
WINNIPEG, MANITOBA

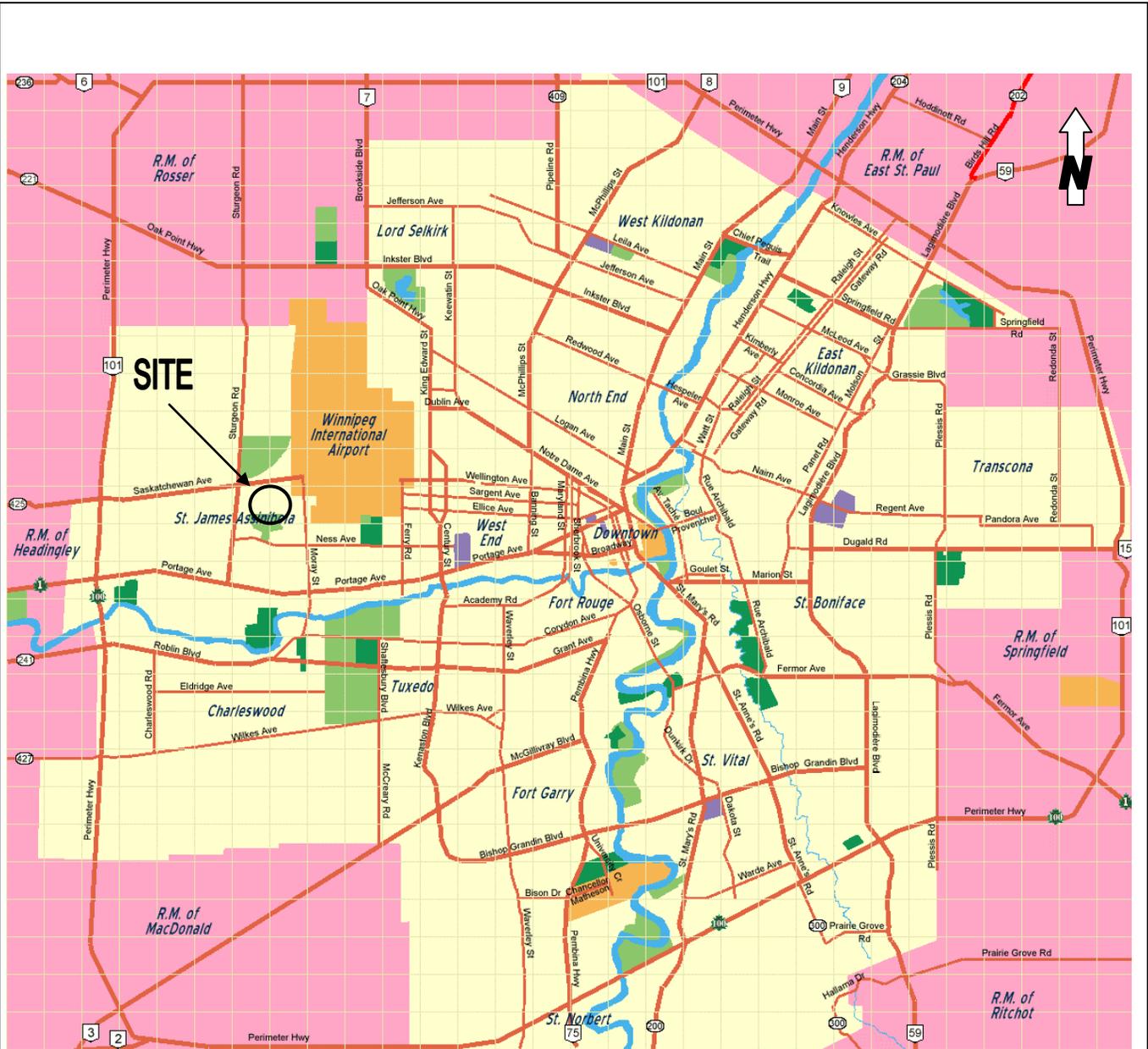
Drawn: N/A

Original Scale: 1:1500

Date: AUG/2013

Project No.: WX17208

Figure: 1



CITY OF WINNIPEG

| | | | | |
|--------------------------------------------------------------------------------------------------------------------------------|------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|-----------|
|  Environment & Infrastructure | | REGIONAL SITE LOCATION ENVIRONMENTAL ASSESSMENT REPORT 103-251 SAULTEAUX CRESCENT WINNIPEG, MANITOBA | | |
| | | | | |
| Drawn: N/A | Scale: ~1:150000 | Date: AUG/2013 | Project No.: WX17208 | Figure: 2 |

2.4 Proposed Development Use

Central Dental is applying for a license for the proposed project site which would allow them to store and transfer hazardous waste / bio-hazard (Figure 3).

Hazardous waste and bio-hazard would be picked up from various dental and medical offices in a sealed containment box and brought into the warehouse to be packaged, sterilized and palletized. The bio-hazard would be stored in a closed containment until processed.

The bio hazard material would be processed as follows:

- Material will be processed in batches no larger than 5 gallons at one time
- The material will be labelled, a sterilization indicator attached to each container, and then it will be steamed for 20 minutes at 250°F.
- The sterilization indicator will be checked to confirm proper sterilization
- Containers will be palletized.

Once palletized, the pallets will be transported by Western messenger to be disposed of as per current procedures.

The hazardous waste will be sealed and have a serial number. Central Dental will pick up the containers and transport them in a sealed containment box to the warehouse. At the warehouse, the containers with the serial numbers will be entered into their internal database. The containers will then be packed tightly into a new UN steel drum. Once the drum is full, it will be sealed and shipped to Miller Environmental or BioMed to be put in freight containers and sent to a certified disposal company.

Central Dental proposes to operate the business during the hours of 7:00 am to 4:30 pm, Monday to Friday. The facility will be operated by staff trained in facility operating procedures and spill clean up procedures. Within the warehouse, spill kits shall be conveniently located for cleanup of spills. An Emergency Plan will be in effect for the Site and has been included in Appendix A.

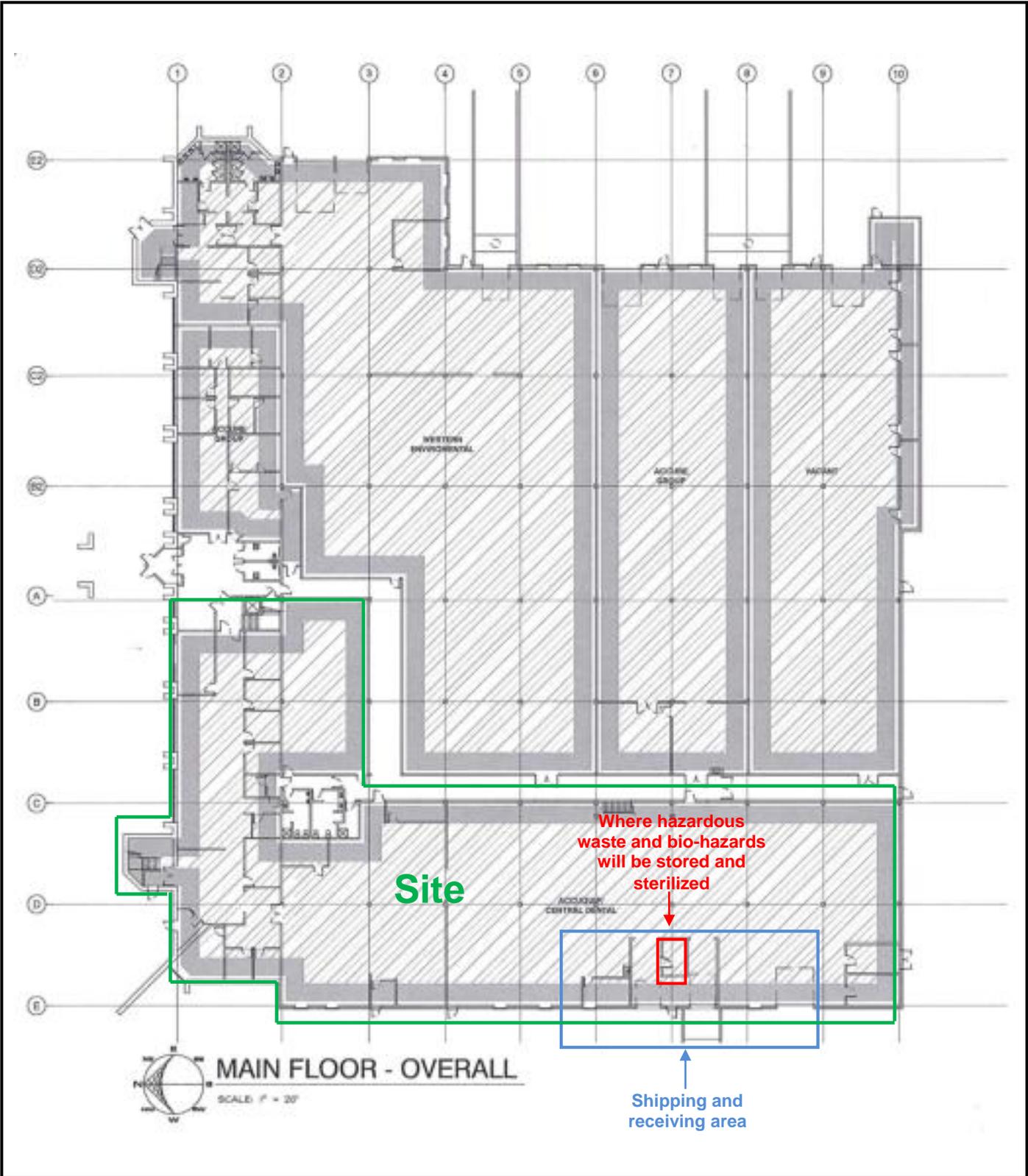
2.5 Funding

All costs required for the development of the bio-hazard and hazardous waste transfer and handling storage areas would be funded by Central Dental Solutions (owners of the property).

2.6 Regulatory Permits/Authorizations/Approvals

Central Dental Solution will require an application for a Hazardous Waste Generation (Bio-Hazard) and Transportation Permit and a license application to store and transfer hazardous waste (bio-hazard) is under the Dangerous Goods Handling and Transportation (DGHT) Act. This Environmental Assessment will be submitted with the completed license application and provided to Manitoba Conservation for review and approval.

Any applicable regulations listed in the City of Winnipeg Solid Waste By-Law 110/2012 will be adhered to. There are no federal legislations applicable to the project.



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LOCATION OF HAZARDOUS WASTE AND BIO-HAZARD STORAGE ON SITE
ENVIRONMENTAL ASSESSMENT REPORT
103-251 SAULTEAUX
WINNIPEG, MANITOBA

Drawn: N/A

Original Scale: N/A

Date: AUG/2013

Project No.: WX17208

Figure: 3

2.7 Public Advertisement

If determined by Manitoba Conservation Procedures, a notice, describing the development of the proposed bio-hazard and hazardous waste facility, will be published in local newspapers. A thirty day period will be granted to the public to provide comments or concerns on the project to Manitoba Conservation.

3.0 DESCRIPTION OF EXISTING ENVIRONMENT

3.1 Biophysical Environment

3.1.1 Ecological Land Classification

The site identified for the proposed bio-hazard and hazardous waste storage and transfer facility is located in the Prairies Ecozone, Lake Manitoba Plains Ecoregion and the Winnipeg Ecodistrict. The Winnipeg Ecodistrict (849) occupies most of the southeast portion of the Lake Manitoba Plains Ecoregion (Smith et. al., 1998).

3.1.2 Climate

The Winnipeg ecodistrict is in the most humid subdivision of the Grassland Transition Ecoclimatic Region in southern Manitoba. The climate is characterized by short, warm summers and long, cold winters with a mean annual temperature about 2.4 C. The average growing season is 183 days and the growing degree days number about 1,720 (Smith et. al., 1998).

Mean annual precipitation is approximately 515 mm of which less than 25% falls as snow. Year to year precipitation varies greatly from highest in late spring through summer and the average yearly moisture deficit is about 200 mm. The ecodistrict also has a cool, subhumid to humid, Boreal to moderately cold, Cryoboreal soil climate (Smith et. al., 1998).

Table 1 shows selected climate data for the City of Winnipeg collected from 1971 to 2000 from the station located at the Winnipeg Richardson International Airport (Government of Canada, 2013). The mean annual temperature for the Winnipeg Richardson International Airport station is 2.6°C. The mean annual precipitation is 513.4 mm with 415.6 mm occurring as rainfall.

| Parameters | Year | June – Aug. | May – Sept. | July | Jan. |
|---------------------------|-------------|--------------------|--------------------|-------------|-------------|
| Temperature °C | 2.6 | 18.3 | 15.8 | 19.5 | -17.8 |
| Precipitation mm (equiv.) | 513.4 | 235.2 | 346.3 | 70.6 | 19.7 |
| Rain/Snow (mm/cm) | 415.6/110.6 | 235.2/0.0 | 345.1/1.2 | 70.6/0.0 | 0.2/23.1 |
| Growing degree-days >5°C | 1806.3 | 1228.40 | 1675.40 | 450.50 | 0.0 |

Source: Government of Canada. 2013. Environment Canada Calculation Information for 1971 to 2000 Canadian Normals Data – Winnipeg Richardson Airport. Website Accessed August 2013.
http://climate.weather.gc.ca/climate_normals

3.1.3 Geology and Groundwater

Based on available geological maps, the subsurface stratigraphy in this area of Winnipeg normally consists of topsoil and fill materials underlain by glacio-lacustrine silt and clay to a depth of about 6 to 9 m from grade. A deposit of silty till, typically a number of metres thick, occurs between the clay and the underlying bedrock. The bedrock in this area is of the Gunton Member and largely consists of dolomite with variable argillaceous content (Baracos et al., 1983). Bedrock is estimated to occur at about 6 to 9 m below grade.

According to Smith et. al., the Winnipeg Ecodistrict lies in the central lowland of the Red River Plain and is characterized as being smooth, level to very gently sloping, with clayey glaciolacustrine plain with a mean elevation of approximately 236 metres above sea level (masl).

Fractured zones in the bedrock comprise the major aquifer in the area. There are no aquifers above the bedrock. (Baracos et al., 1983).

3.1.4 Physiography and Surficial Drainage

The Site appeared to be relatively flat lying and level with the adjacent properties. It appeared that the asphalted areas of the Site were graded such that overland drainage was directed towards catch basins located in the adjacent Saulteaux Crescent and Moray Street. The south end of the site, near the railway, was inferred to be poorly drained, as there was no ditch along the railway.

3.1.5 Surface Water Bodies

There are no surface water bodies located within the Site. The closest surface water body to the site is Sturgeon Creek, which is located approximately 1.9 km east of the Site. The project site will not affect this surface water body.

3.1.6 Vegetation

During the Site visit completed as part of the Environmental Screening, the ground surface was predominantly asphalt with trees, low lying vegetation and manicured grasses. The areas surrounding the site contained similar vegetation and ground cover.

The Manitoba Conservation Data Centre (MBCDC) maintains a list of plant species of conservation concern in the province. Appendix C, Table C1 lists flora of conservation concern in the Lake Manitoba Plain Ecoregion which encompasses the Site. Species listed by *The Endangered Species Act* of Manitoba (MBESA), *Species at Risk Act* (SARA) and the Committee on the Status of Endangered Wildlife in Canada (COSEWIC) are also included in Appendix C, Table C2.

The potential for any species of concern to occur at the Site is low due to industrial use, ground paving, and maintained vegetation areas.

3.1.7 Wildlife, Amphibians, Reptiles and Terrestrial Invertebrates

Mammals and birds that may be observed within industrial areas of Winnipeg include rodents and common bird species such as crows, robins and Canada geese. There is the potential for amphibians and reptiles to be present in low lying areas adjacent to the site.

The Manitoba Conservation Data Centre (MBCDC) maintains a list of wildlife and invertebrate species of conservation concern in the province. Appendix C, Table C1 lists species of conservation concern in the Lake Manitoba Plain Ecoregion which encompasses the Site. Species listed by *The Endangered Species Act* of Manitoba (MBESA), *Species at Risk Act* (SARA) and the Committee on the Status of Endangered Wildlife in Canada (COSEWIC) are also included in Appendix C, Table C2.

As a result of the proposed site being located in an existing manufacturing area the potential to encounter wildlife, terrestrial invertebrates, amphibians and reptile species of concern in the project area is low. The proposed project will not impact the adjacent land and low-lying areas and therefore the effect to invertebrates, amphibians and reptiles is negligible.

There are no wildlife management areas or ecologically significant areas within two (2) km of the proposed site.

3.1.8 Aquatic Species and Habitat

There are no surface water bodies located within the Site. The closest surface water body to the site is Sturgeon Creek, which is located approximately 1.9 km east of the Site. The project site will not affect this surface water body or aquatic species within this water body.

3.2 SOCIOECONOMIC AND LAND USE ENVIRONMENT

3.2.1 Infrastructure and Commercial Properties

The proposed site is located in an area zoned for manufacturing by the City of Winnipeg. Existing infrastructure located adjacent to the proposed site includes the following:

North: Saulteaux Crescent is followed from the northwest to northeast by; Login Canada, OMT Technologies, AML Wireless Systems Inc., Argus Industries, Moray Street and K-Tel International.

South: A rail line and right of way is followed from the southwest to the southeast by the Discovery/Lancer Group, Moray Collision (auto-body and truck centre) and ACR Glass. A Canada Post distribution centre is located south of Moray Collision and ACR Glass;

East: Moray Street followed by Transcontinental LGM Coronet and to the southeast by Macdon Industries Ltd.;

West: Saulteaux Crescent is followed by an undeveloped treed lot and to the southwest by a rail line. A large multi-tenant commercial building located south of the rail line includes; NJ Industries, Hyflex Assemblies Ltd.,

Hemisphere GPS, and Crown Construction Equipment.

3.2.2 Recreation

There are no federal, provincial or municipal parks located on or immediately adjacent to the proposed site. The closest municipal parks are Living Prairie Museum Park and Uplands Park located approximately one kilometre and 1.4 kilometres southwest of the site.

The Living Prairie Museum Park is a 30 acre tall grass prairie that has been set aside by the City of Winnipeg Nature Park. This was set aside to provide awareness and conservation of natural areas. There are over 160 species of prairie grasses and wildflowers as well as a great array of prairie wildlife. It is one of the few remaining fragments of this once vast ecosystem.

Uplands Park is designated as a City of Winnipeg “other open space” and is available for public use (City of Winnipeg, 2013)

3.2.3 Heritage Sites

There are no City of Winnipeg municipal, provincial or national designated sites within five kilometres of the proposed site (City of Winnipeg, 2010)

3.2.4 First Nations

There are no First Nations reserve lands or TLE’s (Treaty Land Entitlement) selections located within two (2) kilometres of the proposed project site.

3.2.5 Schools

There are no schools located within one kilometre of the proposed site.

3.2.6 Residential

The Booth neighbourhood is the closest residential area located approximately 0.8 km south of the site.

4.0 DESCRIPTION OF POTENTIAL ENVIRONMENTAL EFFECTS AND MITIGATION MEASURES

The following outlines potential effects on the physical, biophysical and socio-economic environment that may occur from the operation of the proposed bio-hazard and hazardous waste handling and transfer depot. Mitigation measures for any potential effects identified are also discussed.

4.1 Air Emissions

Air emissions that may result from the operation of the proposed bio-hazard and hazardous waste handling and transfer depot include those generated by increased truck traffic transporting the bio-hazard and hazardous waste. Mitigation measures include:

- Ensuring transport vehicles for the bio-hazard and hazardous waste are in proper working condition

No other emissions will be generated by the proposed bio-hazard and hazardous waste and handling facility.

4.2 Climate

The operation of the proposed bio-hazard and hazardous waste handling and transport facility will have no effects on the climate or greenhouse gas emissions. Although there is the potential for a slight increase in traffic in the area, the number of trucks transporting the hazardous waste will be minimal with respect to the amount of vehicles currently used for other reasons in the area (i.e. commercial, residential, and industrial). Air emissions (exhaust) produced from the trucks are considered negligible.

4.3 Noise Emissions

There is the potential for additional noise to be generated from the slight increased in truck traffic that will be generated as a result of the proposed bio-hazard and hazardous waste facility. Given the location of the facility in a manufacturing – general area of the City of Winnipeg and the distance to the nearest residential property of approximately 0.8 km, effects from noise emissions are considered negligible.

4.4 Hazardous and Non-Hazardous Waste

Based on the information provided by Central Dental, hazardous materials that will be stored as a result of the proposed operation of the hazardous waste handling and storage includes:

- Waste Mercury
- Small amounts of petroleum hydrocarbons (for forklift operation and maintenance) including motor oil, hydraulic oil, lubricants and grease.

There is the potential for spills to occur as a result of the storage and transfer of the bio-hazard and hazardous materials on site. Spills or leakage from machinery (i.e, forklifts) may also occur. The following mitigation measures will be followed to minimize potential effects from spills or leakage from any hazardous or non-hazardous waste generated, stored and transferred from the site:

- Forklifts and other machinery that may be used will be kept in good working condition. Regular inspections and maintenance of equipment will be conducted.
- All used oil on site will be stored in sealed containers until it is transported off site by EnviroWest.

- Absorb All will be used to clean up any minor spills that occur and EnviroWest will be contacted immediately to remove the Absorb all and spilled material
- All applicable regulations and conditions of the DGHT License will be adhered to for the collection, storage and transportation of the bio-hazard and hazardous waste
- Storage of hazardous waste will be for a limited time until transportation can be arranged
- Follow Emergency Response plan outlined in Appendix A

Non hazardous material that may be generated on site includes domestic garbage and recyclable material. Non-hazardous wastes, including domestic garbage and recyclables, will be separated and disposed of in commercial dumpsters and picked-up by a licensed commercial hauler.

4.5 Wildlife and Vegetation

As the proposed location for the bio-hazard and hazardous waste storage and handling depot will be located in an existing manufacturing area, and that the existing site is predominantly asphalt with tree low lying vegetation and manicured grasses there are no anticipated effects to any wildlife or vegetation species of conservation concern.

4.6 Aquatic Habitat and TIAR

As there are no waterbodies located in the proposed project site, the project will no effects on any aquatic species or aquatic habitats. There is the potential for amphibians and reptiles to be present in the surround land to the site.

As a result of the ground surface consisting predominantly of asphalt with trees, low lying vegetation and manicured grasses, no effects to terrestrial invertebrate species of concern area anticipated from the storage and transfer of hazardous and bio-hazard waste..

4.7 Socio-Economic Effects

Socio-economic effects that are anticipated as a result of the project include increased traffic and economic benefits

4.7.1 Increased Traffic

Increased traffic may result from the addition of transport trucks used for the delivery and hauling away of the bio-hazard and hazardous waste. It is anticipated that the number of additional vehicles/trucks will be minimal and therefore are negligible as a result of additional cars/truck that would occur from current workers from other industries accessing the area.

There are no designated parks (municipal, provincial or federal), First Nations, schools or heritage sites located on or adjacent to the property.

4.8 Health and Safety

There is the potential for workers on site to be affected if potential spills of hazardous materials stored on site occur. The following mitigation measures will be adhered to minimize potential effect:

- Employees will ensure they review and understand the Emergency Plan that will be posted at the Site (Appendix A).
- Employees will review and understand the Fire Escape Plan (Appendix B) which will be posted at the Site.

4.9 Residual Effects

There are no anticipated residual effects as a result of the proposed biohazard and hazardous waste.

5.0 FOLLOW-UP PLANS

Central Dental will ensure that the Emergency Plan (Appendix A) and the Fire Escape Plan (Appendix B) is reviewed, understood and adhered to by all personnel.

As the project is not anticipated to cause any effects to the biophysical or socio-economic environments adjacent to the site, no follow-up plans or monitoring plans are required.

6.0 CONCLUSIONS

This environmental assessment has been prepared for Central Dental Solutions to support the application that will be completed in order to receive a licence for a facility to store and transfer hazardous waste (bio-hazard) under the Dangerous Goods Handling and Transportation (DGHT) Act.

Central Dental Solutions proposes to develop the hazardous waste (bio-hazard) facility at 103-251 Saulteaux Crescent in an area already designated for manufacturing – general use with existing facilities occupied by Central Dental Solutions and other business located on site. After review of the proposed site location (Manufacturing – General) and adherence to the Emergency Plan developed by Central Dental Solutions for the hazardous waste and bio-hazard transfer station, it has been determined there will be no environmental effects as a result of the proposed project.

7.0 REFERENCES

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APPENDIX A
EMERGENCY RESPONSE PLAN



EMERGENCY PLAN

FIRE – in the event that there is a fire, please take the following steps in this order:

- 1) LEAVE THE BUILDING!
- 2) Call 911 if at all possible.
- 3) EMERGENCY CONTACT - 911

CHEMICAL SPILL OR LEAK – in the event that there is a spill or leak of any liquid chemical at all, please take the following steps in this order:

- 1) Put on protective wear (mask, gloves, rubber boots)
- 2) Place approved absorbent material around the area that is affected.
- 3) Sprinkle absorbent material over the affected area.
- 4) Wait for 15 minutes for the absorbent material to soak up as much moisture as possible.
- 5) Using caution scoop up all material from the affected area and dispose of in an appropriate manner.
- 6) EMERGENCY CONTACT – CANUTEC – 1-613-996-6666.
- 7) NON-EMERGENCY CONTACT – CANUTEC – 1-613-992-4624

FORKLIFT – in the event that there is a forklift accident, please take the following steps in this order:

- 1) Ensure everyone is OK. If not, call emergency immediately and ensure proper care is in place for any injured person.
- 2) Ensure that the forklift is in good condition and no fluids are leaking from anywhere on the forklift.
- 3) Dispose of any damage or affected product in an appropriate manner.
- 4) EMERGENCY CONTACT - 911

FLOOD – in the event that there is a flood, please take the following steps in this order:

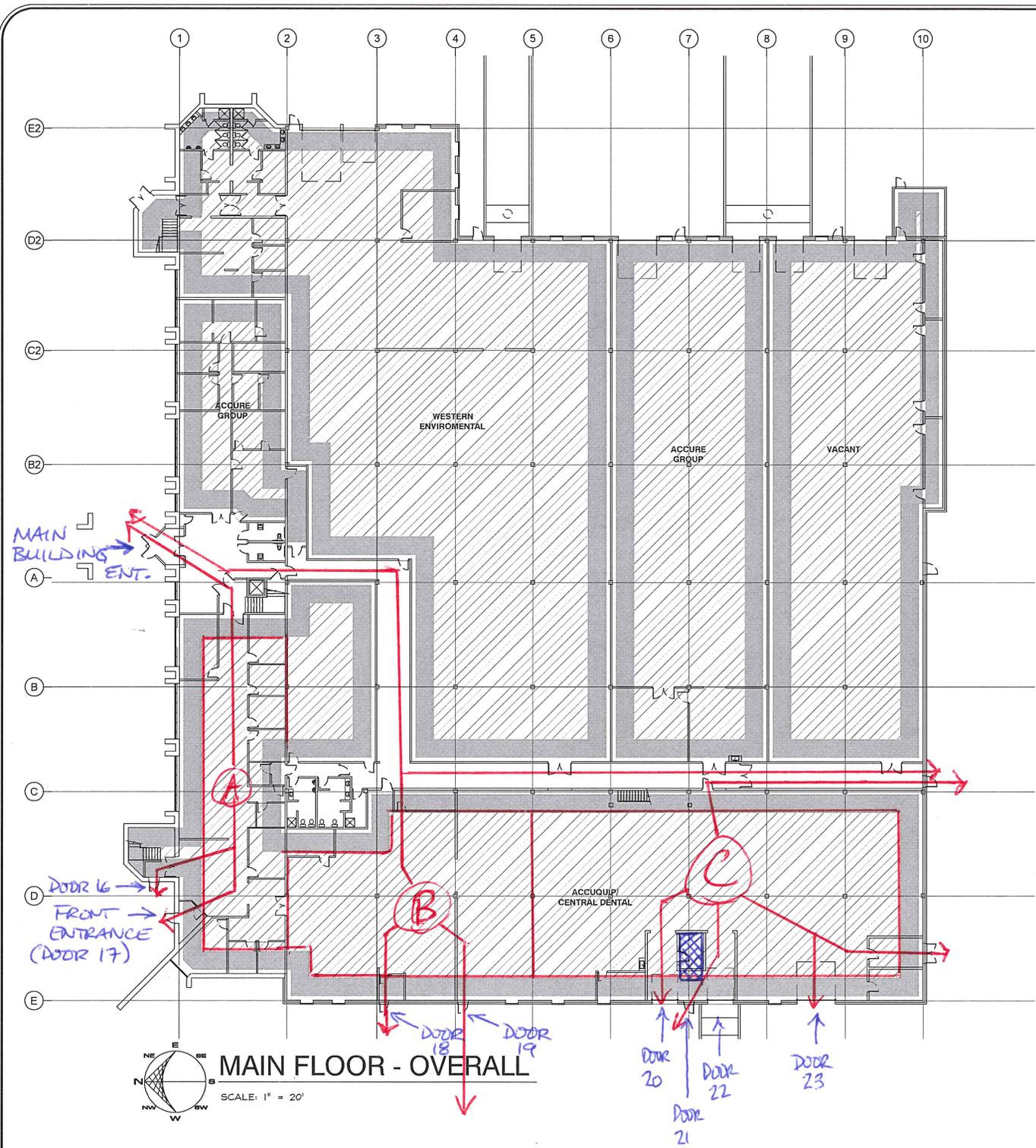
- 1) Dispose of any affected product in an appropriate manner.
- 2) Vacuum up as much standing water as possible. If there is a floor drain nearby squeegee the water toward the floor drain.
- 3) Place fans around flooded area to assist the drying process.
- 4) If necessary call the 'Flood Contact' listed below.
- 5) FLOOD CONTACT – FIRST ON SITE RESTORATION – 204-783-9086



BIO HAZARD SPILL OR LEAK – in the event that there is a bio hazardous spill or leak, please take the following steps in this order:

- 1) Put on protective wear (mask, gloves, rubber boots)
- 2) Place approved absorbent material around the area that is affected.
- 3) Sprinkle absorbent material over the affected area.
- 4) Wait for 15 minutes for the absorbent material to soak up as much moisture as possible.
- 5) Using caution scoop up all material from the affected area and place into an approved bio hazard waste bag.
- 6) Sterilize the affected area by using approved cleaner and wiping up with approved wipers and place into an approved bio hazard waste bag.
- 7) After the affected area has been sterilized rinse the area with hot water.
- 8) EMERGENCY CONTACT – CANUTEC – 1-613-996-6666.
- 9) NON-EMERGENCY CONTACT – CANUTEC – 1-613-992-4624

APPENDIX B
FIRE ESCAPE PLAN



= AREA WHERE BIO HAZARD MATERIAL IS STORED/STERILIZED

FIRE ESCAPE PLAN

ANY PERSONS IN AREA (A) DOORS 16, 17, MAIN BLDG ENT.
 ANY PERSONS IN AREA (B) DOORS 18, 19, MAIN BLDG ENT.
 ANY PERSONS IN AREA (C) DOORS 20, 21, 23

| REVISION | NO. | DATE | DESCRIPTION | INITIAL |
|----------|----------|----------------------------------|-------------|---------|
| 04 | 11/08/23 | REVISIONS AS PER CITY | SSM | |
| 03 | 11/08/09 | REVISIONS AS PER CLIENT & A.H.J. | RTD | JPA |
| 02 | 11/07/06 | REVISIONS AS PER CLIENT | JPA | |
| 01 | 11/06/13 | REVISIONS AS PER CLIENT | SSM | |
| ISSUE | | | | |
| 03 | 11/07/06 | RE-ISSUED FOR CONSTRUCTION | JPA | |
| 02 | 11/06/30 | RE-ISSUED FOR CONSTRUCTION | JPA | |
| 01 | 11/06/03 | ISSUED FOR CONSTRUCTION | SSM | |
| NO. | DATE | DESCRIPTION | INITIAL | |

PRINTED DATE: 8/23/2011 4:04:22 PM

APPENDIX C

SPECIES OF CONSERVATION CONCERN

Table C1: Species of Conservation Concern in the Lake Manitoba Plain Ecoregion.

| Animal Assemblage | | | |
|---------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------|--------|------|
| <i>Gull Colony</i> | | GNR | SNR |
| <i>Snake Hibernaculum</i> | | GNR | SNR |
| <i>Tern Colony</i> | | GNR | SNR |
| Invertebrate Animal | | | |
| <i>Hesperia dacotae</i> | Dakota Skipper | G2 | S2 |
| <i>Ligumia recta</i> | Black Sandshell | G5 | SNR |
| <i>Orconectes immunis</i> | Calico Crayfish | G5 | SNR |
| <i>Quadrula quadrula</i> | Mapleleaf Mussel | G5 | S2 |
| <i>Strophitus undulatus</i> | Creepers | G5 | SNR |
| <i>Stylurus amnicola</i> | | G4 | SNR |
| Terrestrial Community - Other Classification | | | |
| <i>Andropogon gerardii</i> - <i>sporobolus heterolepis</i> - <i>andropogon scoparius herbaceous vegetation</i> | Big Bluestem-prairie Dropseed-little Bluestem Herbaceous Vegetation | GNR | S1 |
| <i>Fraxinus pennsylvanica</i> -(<i>ulmus americana</i>)- <i>acer negundo forest</i> | Green Ash-(American Elm)-manitoba Maple Forest | GNR | S3 |
| <i>Fraxinus pennsylvanica</i> - <i>ulmus americana</i> -(<i>celtis occidentalis</i> , <i>tilia americana</i>) forest | Green Ash-american Elm-(Hackberry, Basswood) Forest | GNR | S2 |
| <i>Phragmites australis herbaceous vegetation</i> | Common Reed Herbaceous Vegetation | GNR | S3? |
| <i>Populus tremuloides</i> / <i>corylus americana</i> -(<i>symphoricarpos occidentalis</i>) forest | Trembling Aspen/american Hazel-(Snowberry) Forest | GNR | S4 |
| <i>Populus tremuloides</i> - <i>quercus macrocarpa</i> / <i>aralia nudicaulis forest</i> | Trembling Aspen-bur Oak/sarsaparilla Forest | GNR | S3S4 |
| <i>Quercus macrocarpa</i> / <i>amelanchier alnifolia</i> / <i>aralia nudicaulis</i> - <i>carex assiniboinensis forest</i> | Bur Oak/saskatoon Serviceberry/sarsaparilla-assiniboia Sedge Forest | GNR | S3? |
| <i>Salix exigua shrubland</i> | Sandbar Willow Shrubland | GNR | S3S4 |
| <i>Scolochloa festucacea herbaceous vegetation</i> | Sprangletop Herbaceous Vegetation | GNR | S3S4 |
| <i>Typha spp. herbaceous vegetation</i> | Cattail Herbaceous Vegetation | GNR | S5 |
| Vascular Plant | | | |
| <i>Agalinis aspera</i> | Rough Purple False-foxglove | G5 | S1S2 |
| <i>Agalinis gattingeri</i> | Gattinger's Agalinis | G4 | S1 |
| <i>Agalinis tenuifolia</i> | Narrow-leaved Gerardia | G5 | S2S3 |
| <i>Agrimonia gryposepala</i> | Common Agrimony | G5 | S1S2 |
| <i>Alisma gramineum</i> | Narrow-leaved Water-plantain | G5 | S1 |
| <i>Ambrosia acanthicarpa</i> | Sandbur | G5 | S1S2 |
| <i>Amorpha fruticosa</i> | False Indigo | G5 | S1S2 |
| <i>Antennaria plantaginifolia</i> | Plantain-leaved Everlasting | G5 | S1S2 |
| <i>Arisaema triphyllum ssp. triphyllum</i> | Jack-in-the-pulpit | G5T5 | S2 |
| <i>Asclepias verticillata</i> | Whorled Milkweed | G5 | S2 |
| <i>Astragalus neglectus</i> | Milkvech | G4 | S1 |
| <i>Atriplex argentea</i> | Saltbrush | G5 | S2 |
| <i>Boltonia asteroides var. recognita</i> | White Boltonia | G5T3T5 | S2S3 |
| <i>Botrychium pallidum</i> | Pale Moonwort | G3 | SH |
| <i>Bouteloua curtipendula</i> | Side-oats Grama | G5 | S2 |
| <i>Bromus porteri</i> | Porter's Chess | G5 | S3? |
| <i>Bromus pubescens</i> | Canada Brome Grass | G5 | SNA |
| <i>Calamagrostis montanensis</i> | Plains Reed Grass | G5 | S3 |
| <i>Cardamine bulbosa</i> | Spring Cress | G5 | SH |
| <i>Carex albicans var. albicans</i> | Bellow-beaked Sedge | G5T4T5 | SNA |
| <i>Carex crawei</i> | Crawe's Sedge | G5 | S3S4 |
| <i>Carex cristatella</i> | Crested Sedge | G5 | S2 |
| <i>Carex douglasii</i> | Douglas Sedge | G5 | S3? |
| <i>Carex emoryi</i> | Emory's Sedge | G5 | S2? |
| <i>Carex hallii</i> | Hall's Sedge | G4?Q | S3 |
| <i>Carex hystericina</i> | Porcupine Sedge | G5 | S3? |
| <i>Carex livida</i> | Livid Sedge | G5 | S3 |
| <i>Carex parryana</i> | Stalked Sedge | G5 | S3? |
| <i>Carex pedunculata</i> | Parry's Sedge | G4 | S3? |
| <i>Carex projecta</i> | Necklace Sedge | G5 | S2? |
| <i>Carex supina var. spaniocarpa</i> | Weak Sedge | G5T3T5 | S2? |
| <i>Carex tetanica</i> | Rigid Sedge | G4G5 | S2 |
| <i>Carex tribuloides</i> | Prickly Sedge | G5 | SNA |

| | | | |
|------------------------------------------------|------------------------------------|--------|------|
| <i>Carex vulpinoidea</i> | Fox Sedge | G5 | S3? |
| <i>Celtis occidentalis</i> | Hackberry | G5 | S1 |
| <i>Chamaesyce geyeri</i> | Prostrate Spurge | G5 | S1 |
| <i>Circaea lutetiana ssp. canadensis</i> | Large Enchanter's-nightshade | G5T5 | S2 |
| <i>Cirsium discolor</i> | Field Thistle | G5 | S1 |
| <i>Clematis ligusticifolia</i> | Western Virgin's-bower | G5 | S1 |
| <i>Clematis virginiana</i> | Virgin's-bower | G5 | S2 |
| <i>Corispermum americanum var. americanum</i> | American Bugseed | G5?T5? | S2S3 |
| <i>Corispermum villosum</i> | Hairy Bugseed | G4? | S1S2 |
| <i>Cornus alternifolia</i> | Alternate-leaved Dogwood | G5 | S3 |
| <i>Cuscuta pentagona var. pentagona</i> | Dodder | G5T5 | SU |
| <i>Cyperus erythrorhizos</i> | Red-root Flatsedge | G5 | S1 |
| <i>Cyperus houghtonii</i> | Houghton's Umbrella-sedge | G4? | S2 |
| <i>Cyperus schweinitzii</i> | Schweinitz's Flatsedge | G5 | S2 |
| <i>Cypripedium candidum</i> | Small White Lady's-slipper | G4 | S1 |
| <i>Dalea villosa var. villosa</i> | Silky Prairie-clover | G5T5 | S2 |
| <i>Desmodium canadense</i> | Beggar's-lice | G5 | S2 |
| <i>Dichanthelium linearifolium</i> | White-haired Panic-grass | GNR | S2 |
| <i>Draba reptans</i> | Creeping Whitlow-grass | G5 | SU |
| <i>Elatine americana</i> | mud-purslane | G4 | S1 |
| <i>Elodea nuttallii</i> | Waterweed | G5 | S1 |
| <i>Elymus diversiglumis</i> | Various-glumed Wild Rye | G3G4Q | S2? |
| <i>Elymus hystrix</i> | Bottle-brush Grass | G5 | S2 |
| <i>Eragrostis hypnoides</i> | Creeping Teal Love Grass | G5 | S4 |
| <i>Festuca hallii</i> | Plains Rough Fescue | G4 | S3 |
| <i>Festuca subverticillata</i> | Nodding Fescue | G5 | S1 |
| <i>Fraxinus nigra</i> | Black Ash | G5 | S3 |
| <i>Galium aparine</i> | Cleavers | G5 | SU |
| <i>Gentiana puberulenta</i> | Downy Gentian | G4G5 | S2 |
| <i>Helianthus pauciflorus ssp. pauciflorus</i> | Stiff Sunflower | G5T5? | SU |
| <i>Heteranthera dubia</i> | Water Star-grass | G5 | S2 |
| <i>Hudsonia tomentosa</i> | False Heather | G5 | S3 |
| <i>Hypoxis hirsuta</i> | Yellow Stargrass | G5 | S3 |
| <i>Krigia biflora</i> | Cynthia | G5 | S2 |
| <i>Lactuca floridana</i> | Woodland Lettuce | G5 | SH |
| <i>Lechea intermedia</i> | Pinweed | G5 | S1 |
| <i>Leersia oryzoides</i> | Rice Cutgrass | G5 | S3? |
| <i>Leucophysalis grandiflora</i> | Large White-flowered Ground-cherry | G4? | S3 |
| <i>Linum sulcatum</i> | Grooved Yellow Flax | G5 | S3 |
| <i>Lotus unifoliolatus</i> | prarie trefoil | G5 | S2S3 |
| <i>Lysimachia quadriflora</i> | Whorled Loosestrife | G5? | S2 |
| <i>Menispermum canadense</i> | Moonseed | G5 | S3 |
| <i>Nassella viridula</i> | Green Needle Grass | G5 | S3 |
| <i>Oenothera perennis</i> | Sundrops | G5 | S1S2 |
| <i>Orobanche ludoviciana</i> | Louisiana Broom-rape | G5 | S2 |
| <i>Orobanche uniflora</i> | | G5 | SU |
| <i>Osmorhiza claytonii</i> | Wooly or Hairy Sweet Cicely | G5 | S2 |
| <i>Osmorhiza depauperata</i> | Blunt-fruited Sweet Cicely | G5 | S2 |
| <i>Parietaria pensylvanica</i> | American Pellitory | G5 | S4 |
| <i>Pellaea glabella ssp. occidentalis</i> | Cliff-brake | G5T4 | S2 |
| <i>Penthorum sedoides</i> | Ditch-stonecrop | G5 | S1S2 |
| <i>Phryma leptostachya</i> | Lopseed | G5 | S3 |
| <i>Platanthera orbiculata</i> | Round-leaved Bog Orchid | G5 | S3 |
| <i>Polygala verticillata</i> | Whorled Milkwort | G5 | S2 |
| <i>Polygala verticillata var. isocycla</i> | Whorled Milkwort | G5T5 | S2 |
| <i>Ranunculus cymbalaria var. saximontanus</i> | Seaside Crowfoot | G5T5 | S1S2 |
| <i>Sanguinaria canadensis</i> | Blood-root | G5 | S2 |
| <i>Shinnersoseris rostrata</i> | Annual Skeletonweed | G5? | S1S2 |
| <i>Sisyrinchium campestre</i> | White-eyed Grass | G5 | SU |
| <i>Solidago riddellii</i> | Riddell's Goldenrod | G5 | S2 |
| <i>Sporobolus compositus</i> | tall dropseed | G5 | |
| <i>Sporobolus neglectus</i> | Annual Dropseed | G5 | S3? |
| <i>Symphotrichum sericeum</i> | Western Silvery Aster | G5 | S2S3 |
| <i>Townsendia exscapa</i> | Silky Townsend-daisy | G5 | S2 |
| <i>Verbena bracteata</i> | Bracted Vervain | G5 | S3 |
| <i>Vernonia fasciculata ssp. corymbosa</i> | Western Ironweed | G5T3T5 | S1 |

| | | | |
|------------------------------------------|----------------------------|-------|-------|
| <i>Veronicastrum virginicum</i> | Culver's-root | G4 | S1 |
| <i>Viola conspersa</i> | Dog Violet | G5 | S3? |
| Vertebrate Animal | | | |
| <i>Accipiter cooperii</i> | Cooper's Hawk | G5 | S4S5B |
| <i>Aechmophorus occidentalis</i> | Western Grebe | G5 | S4B |
| <i>Ammodramus bairdii</i> | Baird's Sparrow | G4 | S1S2B |
| <i>Ammodramus savannarum</i> | Grasshopper Sparrow | G5 | S2B |
| <i>Anthus spragueii</i> | Sprague's Pipit | G4 | S2B |
| <i>Ardea herodias</i> | Great Blue Heron | G5 | S4S5B |
| <i>Athene cunicularia</i> | Burrowing Owl | G4 | S1B |
| <i>Calcarius ornatus</i> | Chestnut-collared Longspur | G5 | S1S2B |
| <i>Caprimulgus vociferus</i> | Whip-poor-will | G5 | S3B |
| <i>Cardinalis cardinalis</i> | Northern Cardinal | G5 | S1B |
| <i>Chaetura pelagica</i> | Chimney Swift | G5 | S2B |
| <i>Chordeiles minor</i> | Piping Plover | G3 | S1B |
| <i>Chelydra serpentina serpentina</i> | Common Snapping Turtle | G5T5 | S3 |
| <i>Charadrius melodus</i> | Common Nighthawk | G5 | S3B |
| <i>Coturnicops noveboracensis</i> | Yellow Rail | G4 | S3S4B |
| <i>Dolichonyx oryzivorus</i> | Bobolink | G5 | S4B |
| <i>Falco peregrinus anatum</i> | Peregrine Falcon | G4T4 | S1B |
| <i>Geomys bursarius</i> | Plains Pocket Gopher | G5 | S3 |
| <i>Hirundo rustica</i> | Barn Swallow | G5 | S5B |
| <i>Ichthyomyzon castaneus</i> | Chestnut Lamprey | G4 | S3S4 |
| <i>Ixobrychus exilis</i> | Least Bittern | G5 | S2S3B |
| <i>Lanius ludovicianus excubitorides</i> | Loggerhead Shrike | G4T4 | S2B |
| <i>Lanius ludovicianus migrans</i> | Loggerhead Shrike | G4T3Q | S1B |
| <i>Macrhybopsis storeriana</i> | Silver Chub | G5 | S3 |
| <i>Margariscus margarita</i> | Pearl Dace | G5 | S5 |
| <i>Melanerpes erythrocephalus</i> | Red-headed Woodpecker | G5 | S2S3B |
| <i>Numenius borealis</i> | Eskimo Curlew | GH | SNA |
| <i>Nycticorax nycticorax</i> | Black-crowned Night-heron | G5 | S3S4B |
| <i>Pelecanus erythrorhynchos</i> | American White Pelican | G3 | S3S4B |
| <i>Phalacrocorax auritus</i> | Double-crested Cormorant | G5 | S5B |
| <i>Podiceps auritus</i> | Horned Grebe | G5 | S3B |
| <i>Podiceps nigricollis</i> | Eared Grebe | G5 | S4S5B |
| <i>Spea bombifrons</i> | Plains Spadefoot Toad | G5 | S2S3 |
| <i>Sterna caspia</i> | Caspian Tern | G5 | S3S4B |
| <i>Sterna forsteri</i> | Forster's Tern | G5 | S4B |
| <i>Strix varia</i> | Barred Owl | G5 | S3S4 |
| <i>Thamnophis sirtalis</i> | Red-sided Garter Snake | G5 | S4 |
| <i>Vermivora chrysoptera</i> | Golden-winged Warbler | G4 | S3B |

Source:

Manitoba Conservation. Manitoba Conservation Data Centre. Occurrences of Species by Ecoregion – Lake Manitoba Plain website accessed August 2013. <http://www.gov.mb.ca/conservation/cdc/ecoreg/lakembplain.html>

Conservation Data Centre Rankings Definitions

| Rank | Definition |
|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 | Very rare throughout its range or in the province (5 or fewer occurrences, or very few remaining individuals). May be especially vulnerable to extirpation. |
| 2 | Rare throughout its range or in the province (6 to 20 occurrences). May be vulnerable to extirpation. |
| 3 | Uncommon throughout its range or in the province (21 to 100 occurrences). |
| 4 | Widespread, abundant, and apparently secure throughout its range or in the province, with many occurrences, but the element is of long-term concern (> 100 occurrences). |
| 5 | Demonstrably widespread, abundant, and secure throughout its range or in the province, and essentially impossible to eradicate under present conditions. |
| U | Possibly in peril, but status uncertain; more information needed. |
| H | Historically known; may be rediscovered. |
| X | Believed to be extinct; historical records only, continue search. |
| SNR | A species not ranked. A rank has not yet assigned or the species has not been evaluated. |
| SNA | A conservation status rank is not applicable to the element |
| G | Global |
| S | Sub-National |

Other Heritage Codes

| Code | Definition |
|--------------|-----------------------------------------------------------------------------------------------------------------------------------|
| G#G# S#S# | Numeric range rank: A range between two of the numeric ranks. Denotes range of uncertainty about the exact rarity of the species. |

Subrank

| Code | Definition |
|------|-------------------------------------------------------------------------------------------------------------------------------|
| T | Rank for subspecific taxon (subspecies, variety, or population); appended to the global rank for the full species, e.g. G4T3. |

Qualifiers

| Code | Definition |
|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| B | Breeding status of a migratory species. Example: S1B,SZN - breeding occurrences for the species are ranked S1 (critically imperilled) in the province, nonbreeding occurrences are not ranked in the province. |
| N | Non-breeding status of a migratory species. Example: S1B,SZN - breeding occurrences for the species are ranked S1 (critically imperilled) in the province, nonbreeding occurrences are not ranked in the province. |
| Q | Taxonomic questions or problems involved, more information needed; appended to the global rank. |
| T | Rank for subspecific taxon (subspecies, variety, or population); appended to the global rank for the full species. |
| # | A modifier to SX or SH; the species has been reintroduced but the population is not yet established. |
| ? | Inexact or uncertain; for numeric ranks, denotes inexactness. |

Source: Manitoba Conservation Data Centre. Website Accessed July 2013. <http://www.gov.mb.ca/conservation/cdc/consranks.html>

Table C2: Species Listed by the Manitoba Endangered Species Act (MBESA), the Species at Risk Act (SARA) and the Committee on the Status of Endangered Wildlife in Canada (COSEWIC)

| Scientific Name | Common Name | MBESA | SARA | COSEWIC |
|------------------------------------------|--------------------------------|------------|-----------------|-----------------|
| Vascular Plants | | | | |
| <i>Agalinis aspera</i> | Rough Agalinis | Endangered | Endangered | Endangered |
| <i>Agalinis gattingeri</i> | Gattinger's Agalinis | Endangered | Endangered | Endangered |
| <i>Buchloë dactyloides</i> | Buffalo Grass | Threatened | Threatened | Threatened |
| <i>Celtis occidentalis</i> | Hackberry | Threatened | - | - |
| <i>Chenopodium subglabrum</i> | Smooth Goosefoot | Endangered | Threatened | Threatened |
| <i>Cypripedium candidum</i> | Small White Lady's-slipper | Endangered | Endangered | Endangered |
| <i>Dalea villosa</i> | Hairy Prairie-clover | Threatened | Threatened | Threatened |
| <i>Platanthera praeclara</i> | Western Prairie Fringed Orchid | Endangered | Endangered | Endangered |
| <i>Solidago riddellii</i> | Riddell's Goldenrod | Threatened | Special Concern | Special Concern |
| <i>Spiranthes magnicamporum</i> | Great Plains Ladies'-tresses | Endangered | Endangered | - |
| <i>Symphotrichum sericeum</i> | Western Silvery Aster | Threatened | Threatened | Threatened |
| <i>Tradescantia occidentalis</i> | Western Spiderwort | Threatened | Threatened | Threatened |
| <i>Veronia fasciculata</i> | Western Ironweed | Endangered | - | - |
| <i>Veronicastrum virginicum</i> | Culver's-root | Threatened | - | - |
| Invertebrates | | | | |
| <i>Hesperia dacotae</i> | Dakota Skipper | Threatened | Threatened | Threatened |
| <i>Quadrula quadrula</i> | Mapleleaf Mussel | Endangered | Threatened | - |
| Vertebrate Animal | | | | |
| <i>Ammodramus bairdii</i> | Baird's Sparrow | Endangered | - | - |
| <i>Anthus spragueii</i> | Sprague's Pipit | Threatened | Threatened | Threatened |
| <i>Athene cucularia</i> | Burrowing Owl | Endangered | Endangered | Endangered |
| <i>Calcarius ornatus</i> | Chestnut-collared Longspur | Endangered | Threatened | - |
| <i>Caprimulgus vociferous</i> | Whip-poor-will | Threatened | - | - |
| <i>Chaetura pelagic</i> | Chimney Swift | Threatened | Threatened | - |
| <i>Chordeiles minor</i> | Piping Plover | Endangered | Endangered | - |
| <i>Chelydra serpentina serpentina</i> | Common Snapping Turtle | - | Special Concern | - |
| <i>Charadrius melodus</i> | Common Nighthawk | Threatened | Threatened | - |
| <i>Coturnicops noveboracensis</i> | Yellow Rail | - | Special Concern | Special Concern |
| <i>Falco peregrines anatum</i> | Peregrine Falcon | Endangered | Special Concern | Threatened |
| <i>Ixobrychus exilis</i> | Least Bittern | Endangered | Threatened | Threatened |
| <i>Lanius ludovicianus excubitorides</i> | Loggerhead Shrike | - | Threatened | Threatened |
| <i>Lanius ludovicianus migrans</i> | Loggerhead Shrike | Endangered | Endangered | Endangered |
| <i>Macrhybopsis storeriana</i> | Silver Chub | - | Special Concern | Special Concern |
| <i>Melanerpes erythrorhynchus</i> | Red-headed Woodpecker | Threatened | Threatened | Threatened |
| <i>Numenius borealis</i> | Eskimo Curlew | Endangered | Endangered | Endangered |
| <i>Podiceps auritus</i> | Horned Grebe | Endangered | - | - |
| <i>Vermivora chrysoptera</i> | Golden-winged Warbler | Threatened | - | - |

Sources:

Government of Canada. Species at Risk Public Registry website accessed August 2013. <http://www.sararegistry.gc.ca/species/schedules>

Manitoba Conservation. Wildlife Branch. Species Listed Under the *Manitoba Endangered Species Act* website accessed August 2013. <https://www.gov.mb.ca/conservation/wildlife/sar/sarlist.html>

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APPENDIX D

SITE PHOTOS



PHOTOGRAPH 1: Looking south, exterior of building.



PHOTOGRAPH 2: Looking east, west wall of Site building, loading and unloading zone.



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| Drawn: N/A | Scale: N/A | Date: AUG/13 | Project No.: WX17208 | Figure: D1 |
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PHOTOGRAPH 3: Looking east from the southwest corner of the Site showing the adjacent rail spur.



PHOTOGRAPH 4: Facing west, west of building, showing adjacent property.



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Figure: D2



PHOTOGRAPH 5: Facing southwest from southwest corner of Site building, showing surrounding land.



PHOTOGRAPH 6: Looking north from north of Site building, showing surrounding land..

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PHOTOGRAPH 7: Disinfection Machine: located within Site building in the warehouse area.



PHOTOGRAPH 8: Locked storage for hazardous waste.

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