

**City of Winnipeg
Water and Waste Department**

FIRE SAFETY PLAN

FOR

**North End Water Pollution Control Centre (NEWPCC)
2230 Main Street**

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Prepared by:

Wardrop Engineering Inc.
400 – 286 Broadway
Winnipeg, MB R3C 4M8

Meghan Marsland
Supervisor of Industrial Waste Services
204-986-4806

Ron Greening
Supervisor of Electrical & Instrumentation Branch
Electrical & Instrumentation Branch
204-986-4155

Dan DeCraene
Wastewater Contracts Supervisor
Wastewater Branch, Contracts Section
204-986-4797

Bruce Huchko
Corporate Safety Officer
Corporate Safety Branch
204-986-3525

John Amos
NEWPCC Treatment Plant Supervisor
204-986-4845

Glen Greenaway
Lead Industrial Mechanic
Mechanical Maintenance Branch
204-986-4842

Richard Song
Wastewater Engineer
Wastewater Branch
204-232-0263

In accordance with the **Guidelines for Preparation of Fire Safety Plans and Required Maintenance Procedures for all buildings coming under the Manitoba Fire Code, as adopted by the Fire Prevention By-Law 150/2004** the Winnipeg Water and Waste Department is submitting the following Fire Safety Plan for review by the Winnipeg Fire Department.

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FIRE SAFETY PLAN

1. North End Water Pollution Control Centre Areas

The North End Water Pollution Control Centre (NEWPCC), located at 2230 Main Street, is a sewage treatment facility that consists of 15 primary areas:

1. Main Building (including the Administration, Environmental Standards and Main building areas)
2. Pre-Aeration and Grit Removal Building
3. Primary Clarifiers
4. Secondary Clarifiers (including fan room)
5. Maintenance/Office Area (between the secondary clarifiers)
6. Bioreactors
7. Burner Building (including gas sphere)
8. Anaerobic Digester Area
9. Sludge Holding Tank Area
10. Boiler Room
11. Chemical Storage Building (attached to anaerobic digesters)
12. Dewatering Building (including truck bay and chemical storage)
13. Rail Car Unloading Bay (phosphorous removal area)
14. Ultra-Violet (UV) Treatment Building
15. Nitrogen Removal Area
16. Ferric Storage Building
17. Methanol Storage
18. Praxair
19. Hauled Waste Water Building
20. Leachate Building

Of these areas, the buildings that have areas of regular occupancy include the Main Building and the Maintenance/Office Area. All other areas are occupied as needed as part of regular plant operations (i.e. maintenance, sampling, etc.). The Administration area has two storeys, the Environmental Standards area has one storey, and the Main building area has one storey, as well as deep sub-levels where the raw sewage enters the NEWPCC. The Maintenance area (between the secondary clarifiers) has one storey, with a mezzanine level, and the Office area has two storeys. There is also a sub-level below these areas.

Most of the buildings on the property are connected by an underground tunnel system.

There is also a building south of the secondary clarifiers that is owned and operated by Praxair. This building is autonomous to the operations of the NEWPCC and is not included in the NEWPCC Fire Safety Plan. Praxair produces oxygen which is used by the NEWPCC as part of the sewage treatment process.

There are approximately 60 to 100 persons on site during the day shift (7:30 a.m. to 4:00 p.m., Monday to Friday). Persons on-site are organized into four groups, which include laboratory services, operations, mechanical maintenance, and electrical instrumentation.

There are also 12 shift workers organized into 4 teams of 3 operators each. These teams work from 7:30 a.m. to 7:30 p.m. (day shift) and 7:30 p.m. to 7:30 a.m. (night shift). A team will work 3 day shifts followed by 3 days off, then 3 night shifts followed by 3 days off. This allows for a complete rotation of the 4 teams. These operators are responsible for monitoring the plant and conducting any minor repairs that may be required.

2. Audit of Building Systems

2.1 - Building Fire Alarm Systems

As the sewage treatment process has evolved over the years, buildings and upgrades were added as required. As such, not all areas of the NEWPCC include fire protection systems.

The alarm systems that are present include single stage local alarm systems, equipped with pull stations that are monitored by on-site personnel.

Fire alarm systems were observed in the following locations:

1. Administration area of the Main Building
2. Pre-Aeration and Grit Removal Building
3. Anaerobic Digester Area
4. Rail Car Unloading Bay
5. Ferric Chloride Storage Building
6. Ultra-Violet (UV) Treatment Building
7. Nitrogen Removal Building

2.2 - Public Address System

There is a public address (PA) system in most areas of the facility. It is operated through the Centrex system. All building fire alarm systems are annunciated automatically over the PA. Note: Any phone can access the PA system by dialling "17". The sound quality of the PA system varies throughout the different areas of the plant.

2.3 - Fire Exits

There are fire exits in all areas of the facility. Building evacuation routes indicating the location of exits are provided for the primary areas of human occupancy (Main Building areas and Maintenance/Office Area). See Appendix F - Building Evacuation Routes.

2.4 - Fire Department Access

The Fire Department access to the property is through the main east entrance off of Main Street. There are access roads on the property that provide access to each of the various buildings.

2.5 - Utility Shut-Offs

The main electrical shut-off is located in the main electrical room of the Pre-Aeration and Grit Removal Building. The main gas shut-off is located near the east entrance of the Boiler Room.

Individual shut-offs for each building can be found in Appendix D - Electrical and Gas Shut-off Locations. All electrical and gas shut-offs are also shown on the facility map, found in Appendix E - Site Plan.

2.6 - Fire Equipment

2.6.1 - Wet Sprinkler System

There is no sprinkler system in any of the buildings.

2.6.2 - Standpipe and Hose System

There is no standpipe and hose system in any of the buildings.

2.6.3 - Heat and Ventilation System

Hot water heat (boiler) is used to provide heat in the occupied areas of the NEWPCC. Clean air is provided to the gallery levels by air drawn in from upper levels (or outside) when the gallery is vented. There are also two gas-fired heating units in the Laboratory Area and WinGRO offices.

2.6.4 - Heat Sensors

These devices are activated by the presence of heat exceeding a preset temperature (such as a fire or overheating equipment).

There are no heat sensors in any of the buildings.

2.6.5 - Smoke Detectors

These devices are activated by the presence of smoke.

Smoke detectors were observed in the following locations:

1. Control and mechanical rooms in the Administration area of the Main Building
2. Control and electrical rooms in the Main area of the Main Building
3. Control/electrical room in the Pre-Aeration and Grit Removal Building
4. Control/computer/electrical room for the Bioreactors
5. Control room in the Maintenance/Office Area (between the secondary clarifiers)
6. Electrical room (gallery level) and control rooms (gallery and main levels) in the Digester Building
7. Control and electrical rooms in the Ultra-Violet (UV) Treatment Building
8. N-Removal

Each of these sensors is connected to the local monitoring system and the monitoring system at the NEWPCC.

2.6.6 - Pull Stations

The alarm systems that are present include single stage local alarm systems, equipped with pull stations that are monitored by on-site personnel.

Pull stations were observed in the following locations:

1. Administration area of the Main Building
2. Pre-Aeration and Grit Removal Building
3. Anaerobic Digester Area
4. Rail Car Unloading Bay
5. Ferric Chloride Storage Building
6. Ultra-Violet (UV) Treatment Building
7. Nitrogen Removal

2.6.7 - Exit Signs

There are exit signs located in most areas of the facility.

2.6.8 - Fire Doors

Fire doors are located throughout the facility.

2.6.9 - Portable Fire Extinguishers

There are fire extinguishers located throughout the facility. They are indicated on the building evacuation routes, found in Appendix F - Building Evacuation Routes.

2.6.10 - Hydrants

There are seven hydrants located around the NEWPCC. The water for the hydrants is potable City of Winnipeg water. They are indicated on the facility map, found in Appendix E - Site Plan.

2.6.11 - Hydrogen Sulphide (H₂S) Alarms

The grit building grit removal tanks are monitored for H₂S. Alarms activate local sirens and lights, and are monitored by the Distributed Control System (DCS).

The primary center ring area is monitored for H₂S. Alarms activate local sirens and lights, and are monitored by the Distributed Control System (DCS).

The Dewatering truck bay has Carbon Monoxide and Nitrogen Dioxide monitoring. Alarms activate local sirens and lights, and are monitored by the DCS. The alarms are also linked to high-rate exhaust fans.

If a hydrogen sulphide alarm is activated, precautions must be taken before entering the area. A self-contained breathing apparatus must be worn at all times when entering any area with a hydrogen sulphide alarm activated, due to the extreme toxicity of the gas. Hydrogen sulphide is also flammable, and any area with hydrogen sulphide present must be monitored continuously for explosive conditions. Hydrogen sulphide is heavier than air, so concentrations will be the highest closer to the ground.

2.6.12 - Explosive Atmosphere Alarms

Explosive atmosphere alarms were observed in the following locations:

1. Burner Building (including gas sphere)
2. Anaerobic Digester Building
3. Boiler Room
4. Liquid Hauled Waste receiving man-hole
5. Leachate receiving man-hole
6. Nitrogen Removal Exhaust fan room
7. Surge Well
8. P.E. Conduit

The alarms have local sirens and lights, and show on the critical alarm page of the DCS. Some of the alarms are linked to high-rate exhaust fans.

Explosive atmospheres must be monitored continuously. Alarms will trigger at 20% of the lower explosive limit, meaning an explosive atmosphere does not currently exist, but conditions are approaching explosive limits.

2.6.13 - Hazardous Material Locations

Significant quantities of hazardous materials are present in the following locations:

1. Environmental Standards area of the Main Building – chemicals and compressed gases used in laboratory analysis
2. Maintenance Area (secondary clarifier building) – acetylene and oxygen (for welding), lubricants, etc.
3. Ferric Chloride Storage Building (attached to the dewatering building) – ferric chloride (ferric chloride is unloaded at the Rail Car Unloading Bay)
4. Oil Storage Building (attached to anaerobic digester area) – glycol and lubricants
5. Praxair Building – manufactures, stores and supplies oxygen to the NEWPCC
6. Methanol Storage – methanol and soda ash
7. Lab Garage – chemical storage cabinets and gasoline
8. Clarifier garage – Diesel
9. Dewatering Building – polymer bags

Due to the presence of sewage and the treatment process, some areas of the NEWPCC may develop unusual atmospheres that could include hydrogen sulphide, oxygen enriched and explosive atmospheres.

Material Safety Data Sheets (MSDS) are posted on CityNet via the City of Winnipeg's WHMIS-MSDS Self Service Data Base, which is located at: <http://msds/servlet/SSMain>

2.6.14 - Emergency Lighting

Emergency lighting is provided in the Administration building and the lab area.

3. Human Resources for Conducting Building Evacuation

NEWPCC personnel are organized into the following sections:

1. Supervisors
2. Operations
3. Mechanical Maintenance
4. Electrical and Instrumentation
5. Wastewater Branch Contracts
6. Environmental Standards – Wastewater Laboratory
7. Environmental Standards – Water Quality Laboratory
8. Process Control Group

Each group is responsible for evacuating their own personnel and other persons in their areas. Each group is also responsible to account for their own personnel. If necessary, each area will designate staff to act as Fire Wardens and Alternate Fire Wardens.

The Wastewater Treatment Plant Supervisor will be responsible for arranging the inspection and testing of the facility's fire protection systems. The Operations section will be responsible for arranging the testing and maintenance of the NEWPCC's fire hydrants.

Fire Wardens need to identify ahead of time any workers who have disabilities. These persons should be asked whether they would be in need of assistance during an emergency evacuation. If the person requires assistance, the Fire Warden should ask the worker how they could be helped. Examples of assistance include: developing a buddy system with another worker; having special aids close by; designating a certain exit to be used for workers who require assistance, etc.

Since workers with disabilities may not be able to exit the building using the stairwells, Fire Wardens are to assist these individuals by ensuring that they are ready to be evacuated by emergency personnel. This may mean staying with the disabled individual or having them wait by an emergency exit that is not at risk. If Fire Wardens stay with the disabled individual(s), they must instruct someone to tell the Chief Fire Warden where they will be staying. If the Fire Wardens do not stay behind, they must inform the Chief Fire Warden of the whereabouts of the disabled individuals left in the building.

See Appendix B - Fire Wardens and Contact Numbers for a list of the Fire Wardens and Alternate Fire Wardens.

See Appendix C - Emergency Notification Contacts for a list of emergency contacts.

3.1 - Chief Fire Warden

During normal business hours (7:30 a.m. to 4:00 p.m.) the NEWPCC operations group is responsible to designate a staff person as the Chief Fire Warden for the property. In the event of the individual being absent at the time of the emergency, the next person on the list will assume the duties. See Appendix B - Fire Wardens and Contact Numbers for the list of people named as the Chief Fire Warden.

3.1.1 - Responsibilities of the Chief Fire Warden

1. Ensure that each NEWPCC stakeholder group has appointed persons to act as Fire Wardens and Alternate Fire Wardens.
2. Maintain a list of names and schedules (if different from normal business hours) of Fire Wardens and Alternate Fire Wardens at the NEWPCC. This list should be updated on a regular basis and each time a change occurs.
3. Organize brief orientation meetings during the year with the Fire Wardens and Alternate Fire Wardens to ensure they are familiar with their responsibilities, fire safety instructions, evacuation routes, and outside assembly areas.
4. Initiate a fire safety awareness program with assistance from the Fire Safety Plan Co-ordinator.
5. Organize, with the Fire Safety Plan Co-ordinator, facility fire drills at least once per year, with the Fire Department in attendance.
6. In the event of a planned absence, make arrangements for a replacement during the absence.
7. Conduct an annual review of the Fire Safety Plan with all NEWPCC stakeholders and update the plan as required. Each NEWPCC stakeholder is responsible for updating their own portion of the plan.
8. Complete the "Building Evacuation Summary Report" (See <http://citynet/hrintra/WorkplaceWellness/Safety/FireSafety/FireDrills.stm>) each time the facility or part of the facility has been evacuated, regardless of the cause of the evacuation.

3.1.2 - Upon hearing the alarm or P.A. announcement

1. Phone "9-911" and tell the emergency operator, "There is a fire emergency at 2230 Main Street."
2. Pick up and wear the Chief Fire Warden badge and Hi-Visibility orange vest.
3. Notify Praxair about the situation by calling their emergency contact number.
4. Meet Fire Wardens at the flag pole in front of the Administration Area of the Main Building and receive reports from them to determine the location of the fire (if known), the evacuation status of their areas and any problems encountered by the Fire Wardens.
5. Upon arrival, meet with the Fire Department incident commander at the access road on the east side of the property. Relay the information regarding fire location, the evacuation status of persons at the facility and any problems encountered by the Fire Wardens.
6. Assist the Fire Department with any additional requests for information.
7. Signal building re-entry to Fire Wardens and staff after being authorized by the Fire Department incident commander. Staff are to re-enter before visitors. (See Section 4.4 - Building Re-Entry Procedure).
8. Report to the Administration Building boardroom and meet with the Fire Wardens to debrief on the event.
9. After the Fire Department has taken charge, phone and inform persons on the emergency contact List, found in Appendix C – Emergency Notification Contacts, if they are not already aware of the situation.

3.1.3 - In Case of Fire

1. Leave the fire area immediately.
2. Close and latch doors.
3. If the building has a fire alarm, activate the fire alarm system.
4. Shout "FIRE!" as you begin to clear and evacuate your areas.
5. Call "9-911" and tell the operator, "There is a fire emergency at 2230 Main Street."
6. After the Fire Department has taken charge, phone and inform the following people, if they are not already aware of the situation:
 - a. Wastewater Treatment Plant Supervisor
 - b. Treatment Plant Superintendent
 - c. Wastewater Engineer
 - d. Manager of Wastewater Services
 - e. Manager of Environmental Standards
 - f. Water and Waste Department Safety Officer

3.2 - Fire Warden 1 - Operations

The Operations group may be working at any given location throughout the property. As such, personnel cannot be assigned ahead of time to clear specific areas. The Wastewater Treatment Operator(s) - Level 4 present at the time of the emergency are responsible to account for their staff's whereabouts in an emergency.

3.2.1 - Upon hearing the alarm or P.A. announcement

1. Pick up and wear the Fire Warden 1 badge, if you are able to do so.
2. Shout as you clear your immediate area, "This is a fire emergency. Everyone must leave the building immediately using the nearest safe exit."
3. If safe to do so, clear the following areas:
 - a. Administration Area - Main Floor - Main Control Room
 - b. Administration Area - Main Floor - Washrooms
 - c. Administration Area - Main Floor - Boardroom
 - d. Administration Area - Main Floor - Offices
4. Ensure that all persons evacuate to the flag pole in front of the Administration Area of the Main Building and are accounted for. In the event that person(s) cannot be evacuated or are missing, notify the Chief Fire Warden.
5. Instruct all persons to stay at the designated meeting location.
6. Meet with the Chief Fire Warden at the flag pole in front of the Administration Area of the Main Building and report the fire location (if known), the evacuation status of persons in the operations areas and any problems encountered.
7. Stay with the Chief Fire Warden and wait for "All Clear".
8. Once "All Clear" is given, enter the building following the Building Re-Entry Procedure (See Section 4.4 - Building Re-Entry Procedure).
9. Report to the Administration Area boardroom to debrief on the event with the Chief Fire Warden and other Fire Wardens.

3.2.2 - In Case of Fire

1. Leave the fire area immediately.
2. Close and latch doors.
3. If the building has a fire alarm, activate the fire alarm system.
4. Shout "FIRE!" as you begin to clear and evacuate your areas.
5. Phone "9-911" and tell the operator, "There is a fire emergency at 2230 Main Street."
6. After the Fire Department has taken charge, phone and inform the following people, if they are not already aware of the situation:
 - a. Wastewater Treatment Plant Supervisor

3.3 - Fire Warden 2 - Mechanical Maintenance

The Mechanical Maintenance group regularly occupy certain areas within the Maintenance/Office Area, between the secondary clarifiers. As such, Fire Warden 2 is only responsible to clear the regularly occupied areas within the Maintenance/Office Area. For

staff working in other parts of the property, the person in charge of Mechanical Maintenance staff is responsible to account for their whereabouts in an emergency.

3.3.1 - Upon hearing the alarm or P.A. announcement

1. Pick up and wear the Fire Warden 2 badge, if you are able to do so.
2. Shout as you clear your areas, "This is a fire emergency. Everyone must leave the building immediately using the nearest safe exit."
3. If safe to do so, clear the following areas:
 - a. Maintenance/Office Area - Main Floor - Shop
 - b. Maintenance/Office Area - Second Floor - Locker Rooms
 - c. Maintenance/Office Area - Second Floor - Washrooms
 - d. Maintenance/Office Area - Second Floor - Offices
 - e. Maintenance/Office Area - Second Floor - Lunch Room
 - f. Maintenance/Office Area - Second Floor - Training Room
4. Ensure that all persons evacuate to the south end of the maintenance/office area parking lot and are accounted for. In the event that person(s) cannot be evacuated or are missing, notify the Chief Fire Warden.
5. Instruct all persons to stay at the designated meeting location.
6. Meet with the Chief Fire Warden at the flag pole in front of the Administration Area of the Main Building and report the fire location (if known), the evacuation status of persons in the maintenance areas and any problems encountered.
7. Stay with the Chief Fire Warden and wait for "All Clear".
8. Once "All Clear" is given, enter the building following the Building Re-Entry Procedure (See Section 4.4 - Building Re-Entry Procedure).
9. Report to the Administration Area boardroom to debrief on the event with the Chief Fire Warden and other Fire Wardens.

3.3.2 - In Case of Fire

1. Leave the fire area immediately.
2. Close and latch doors.
3. If the building has a fire alarm, activate the fire alarm system.
4. Shout "FIRE!" as you begin to clear and evacuate your areas.
5. Phone "9-911" and tell the operator, "There is a fire emergency at 2230 Main Street."
6. After the Fire Department has taken charge, phone and inform the following people, if they are not already aware of the situation:
 - a. Mechanical Maintenance Supervisor

3.4 - Fire Warden 3 - Electrical and Instrumentation

The Electrical and Instrumentation group regularly occupy certain areas within the Maintenance/Office Area, between the secondary clarifiers. As such, Fire Warden 3 is only responsible to clear the regularly occupied areas within the Maintenance/Office Area. For staff working in other parts of the property, the person in charge of Electrical and Instrumentation staff is responsible to account for their whereabouts in an emergency.

3.4.1 - Upon hearing the alarm or P.A. announcement

1. Pick up and wear the Fire Warden 3 badge, if you are able to do so.
2. Shout as you clear your areas, "This is a fire emergency. Everyone must leave the building immediately using the nearest safe exit."
3. If safe to do so, clear the following areas:
 - a. Maintenance/Office Area - Main Floor - Electrical Room
 - b. Maintenance/Office Area - Main Floor - Washrooms
 - c. Maintenance/Office Area - Main Floor - Secondary Control Room
4. Ensure that all persons evacuate to the south end of the maintenance/office area parking lot and are accounted for. In the event that person(s) cannot be evacuated or are missing, notify the Chief Fire Warden.
5. Instruct all persons to stay at the designated meeting location.
6. Meet with the Chief Fire Warden at the flag pole in front of the Administration Area of the Main Building and report the fire location (if known), the evacuation status of persons in the maintenance areas and any problems encountered.
7. Stay with the Chief Fire Warden and wait for "All Clear".
8. Once "All Clear" is given, enter the building following the Building Re-Entry Procedure (See Section 4.4 - Building Re-Entry Procedure).
9. Report to the Administration Area boardroom to debrief on the event with the Chief Fire Warden and other Fire Wardens.

3.4.2 - In Case of Fire

1. Leave the fire area immediately.
2. Close and latch doors.
3. If the building has a fire alarm, activate the fire alarm system.
4. Shout "FIRE!" as you begin to clear and evacuate your areas.
5. Phone "9-911" and tell the operator, "There is a fire emergency at 2230 Main Street."
6. After the Fire Department has taken charge, phone and inform the following people, if they are not already aware of the situation:
 - a. Electrical and Instrumentation Supervisor

3.5 - Fire Warden 4 - Wastewater Branch Contracts

The Wastewater Branch Contracts Section regularly occupies certain areas within the Main Buildings. As such, Fire Warden 4 is only responsible to clear specific areas within the regularly occupied areas of the Main Buildings. For staff working in other parts of the property, the person in charge of the Wastewater Branch Contracts Section staff is responsible to account for their whereabouts in an emergency.

3.5.1 - Upon hearing the alarm or P.A. announcement

1. Pick up and wear the Fire Warden 4 badge, if you are able to do so.
2. Shout as you clear your areas, "This is a fire emergency. Everyone must leave the building immediately using the nearest safe exit."
3. If safe to do so, clear the following areas:
 - a. Main Building Area - Main Floor - Lobby Area
 - b. Main Building Area - Main Floor - Washrooms
 - c. Main Building Area - Second Floor - WinGRO Offices
4. Ensure that all persons evacuate to the flag pole in front of the Administration Area of the Main Building and are accounted for. In the event that person(s) cannot be evacuated or are missing, notify the Chief Fire Warden.
5. Instruct all persons to stay at the designated meeting location.
6. Meet with the Chief Fire Warden at the flag pole in front of the Administration Area of the Main Building and report the fire location (if known), the evacuation status of persons in the contracts areas and any problems encountered.
7. Stay with the Chief Fire Warden and wait for "All Clear".
8. Once "All Clear" is given, enter the building following the Building Re-Entry Procedure (See Section 4.4 - Building Re-Entry Procedure).
9. Report to the Administration Area boardroom to debrief on the event with the Chief Fire Warden and other Fire Wardens.

3.5.2 - In Case of Fire

1. Leave the fire area immediately.
2. Close and latch doors.
3. If the building has a fire alarm, activate the fire alarm system.
4. Shout "FIRE!" as you begin to clear and evacuate your areas.
5. Phone "9-911" and tell the operator, "There is a fire emergency at 2230 Main Street."
6. After the Fire Department has taken charge, phone and inform the following people, if they are not already aware of the situation:
 - a. None Identified

3.6 - Fire Warden 5 - Environmental Standards - Wastewater Laboratory

The Environmental Standards group regularly occupy laboratory areas within the Main Building. As such, Fire Warden 5 is only responsible to clear specific areas within the regularly occupied areas of the Main Buildings. For staff working in other parts of the property, the person in charge of Environmental Standards staff is responsible to account for their whereabouts in an emergency.

3.6.1 - Upon hearing the alarm or P.A. announcement

1. Pick up and wear the Fire Warden 5 badge, if you are able to do so.
2. Shout as you clear your areas, "This is a fire emergency. Everyone must leave the building immediately using the nearest safe exit."
3. If safe to do so, clear the following areas:
 - a. Environmental Standards Area - Main Floor - Wastewater Laboratory
 - b. Environmental Standards Area - Main Floor - Nutrient Room
 - c. Environmental Standards Area - Main Floor - Carbon Analysis Room
 - d. Environmental Standards Area - Main Floor - Gas Chromatography Room
 - e. Environmental Standards Area - Main Floor - BOD Room
4. Ensure that all persons evacuate to the flag pole in front of the Administration Area of the Main Building and are accounted for. In the event that person(s) cannot be evacuated or are missing, notify the Chief Fire Warden.
5. Instruct all persons to stay at the designated meeting location.
6. Meet with the Chief Fire Warden at the flag pole in front of the Administration Area of the Main Building and report the fire location (if known), the evacuation status of persons in the laboratory areas and any problems encountered.
7. Stay with the Chief Fire Warden and wait for "All Clear".
8. Once "All Clear" is given, enter the building following the Building Re-Entry Procedure (See Section 4.4 - Building Re-Entry Procedure).
9. Report to the Administration Area boardroom to debrief on the event with the Chief Fire Warden and other Fire Wardens.

3.6.2 - In Case of Fire

1. Leave the fire area immediately.
2. Close and latch doors.
3. If the building has a fire alarm, activate the fire alarm system.
4. Shout "FIRE!" as you begin to clear and evacuate your areas.
5. Phone "9-911" and tell the operator, "There is a fire emergency at 2230 Main Street."
6. After the Fire Department has taken charge, phone and inform the following people, if they are not already aware of the situation:
 - a. None Identified

3.7 - Fire Warden 6 - Environmental Standards - Water Quality Laboratory

The Environmental Standards group regularly occupy laboratory areas within the Main Building. As such, Fire Warden 6 is only responsible to clear specific areas within the regularly occupied areas of the Main Buildings. For staff working in other parts of the property, the person in charge of Environmental Standards staff is responsible to account for their whereabouts in an emergency.

3.7.1 - Upon hearing the alarm or P.A. announcement

1. Pick up and wear the Fire Warden 6 badge, if you are able to do so.
2. Shout as you clear your areas, "This is a fire emergency. Everyone must leave the building immediately using the nearest safe exit."
3. If safe to do so, clear the following areas:
 - a. Environmental Standards Area - Main Floor - Water Quality Laboratory
 - b. Environmental Standards Area - Main Floor - Metal Analysis Room
 - c. Environmental Standards Area - Main Floor - Storage Area
 - d. Environmental Standards Area - Main Floor - D.I. Room
 - e. Administration Area - Main Floor - Operations Locker Room
 - f. Administration Area - Main Floor - Drywell Area
 - g. Administration Area - Main Floor - Lunchroom
 - h. Administration Area - Main Floor - Washrooms beside the Lunchroom
4. Ensure that all persons evacuate to the flag pole in front of the Administration Area of the Main Building and are accounted for. In the event that person(s) cannot be evacuated or are missing, notify the Chief Fire Warden.
5. Instruct all persons to stay at the designated meeting location.
6. Meet with the Chief Fire Warden at the flag pole in front of the Administration Area of the Main Building and report the fire location (if known), the evacuation status of persons in the laboratory areas and any problems encountered.
7. Stay with the Chief Fire Warden and wait for "All Clear".
8. Once "All Clear" is given, enter the building following the Building Re-Entry Procedure (See Section 4.4 - Building Re-Entry Procedure).
9. Report to the Administration Area boardroom to debrief on the event with the Chief Fire Warden and other Fire Wardens.

3.7.2 - In Case of Fire

1. Leave the fire area immediately.
2. Close and latch doors.
3. If the building has a fire alarm, activate the fire alarm system.
4. Shout "FIRE!" as you begin to clear and evacuate your areas.
5. Phone "9-911" and tell the operator, "There is a fire emergency at 2230 Main Street."
6. After the Fire Department has taken charge, phone and inform the following people, if they are not already aware of the situation:
 - a. None Identified

3.8 - Fire Warden 7 - Administration Building

Fire Warden 7 is only responsible to clear Administration Area occupants present at the time of the emergency. For persons who are absent from the Administration Area and are working in other parts of the property, the person in charge of those staff is responsible to account for their whereabouts in an emergency.

3.8.1 - Upon hearing the alarm or P.A. announcement

1. Pick up and wear the Fire Warden 7 badge, if you are able to do so.
2. Shout as you clear your areas, "This is a fire emergency. Everyone must leave the building immediately using the nearest safe exit."
3. If safe to do so, clear the following areas:
 - a. Administration Area - Main Floor - Front Lobby
 - b. Administration Area - Second Floor – Offices
4. If safe to do so, pick up the sign out book at the reception desk.
5. Ensure that all persons evacuate to the flag pole in front of the Administration Area of the Main Building and are accounted for. In the event that person(s) cannot be evacuated or are missing, notify the Chief Fire Warden.
6. Instruct all persons to stay at the designated meeting location.
7. Meet with the Chief Fire Warden at the flag pole in front of the Administration Area of the Main Building and report the fire location (if known), the evacuation status of persons in the administration areas and any problems encountered.
8. Stay with the Chief Fire Warden and wait for "All Clear".
9. Once "All Clear" is given, enter the building following the Building Re-Entry Procedure (See Section 4.4 - Building Re-Entry Procedure).
10. Report to the Administration Area boardroom to debrief on the event with the Chief Fire Warden and other Fire Wardens.

3.8.2 - In Case of Fire

1. Leave the fire area immediately.
2. Close and latch doors.
3. If the building has a fire alarm, activate the fire alarm system.
4. Shout "FIRE!" as you begin to clear and evacuate your areas.
5. Phone "9-911" and tell the operator, "There is a fire emergency at 2230 Main Street."
6. After the Fire Department has taken charge, phone and inform the following people, if they are not already aware of the situation:
 - a. Laboratory Supervisor
 - b. Manager of Environmental Standards

3.9 - Additional Fire Warden Duties

In general, all Fire Wardens must:

1. Check all exit doors to ensure they open freely and are free from snow and ice build-up on the exterior of the buildings. Immediately report problems to the Wastewater Treatment Plant Supervisor.
2. Report burnt out lighting for exit lights and emergency lighting to the Wastewater Treatment Plant Supervisor.
3. Visually inspect charge status of extinguishers and report missing or undercharged extinguishers to the Wastewater Treatment Plant Supervisor.
4. Maintain means of emergency egress. Keep all corridors free of obstructions, such as boxes, garbage, furniture, equipment, etc.
5. Be familiar with the 2230 Main Street Fire Safety Plan and specific responsibilities.
6. Know who the Chief Fire Warden is.
7. Ensure that all employees understand their roles in the 2230 Main Street Fire Safety Plan.

3.10 - After Regular Hours Procedure

Hours after regular hours include Monday to Friday 4:00 p.m. to 7:30 a.m., weekends and statutory holidays. Shift operators will always be working on site after regular hours.

3.10.1 - Upon hearing the alarm or P.A. announcement

1. Phone "9-911" and tell the operator, "There is a fire emergency at 2230 Main Street."
2. Clear the immediate area.
3. Evacuate the building using the nearest safe exit.
4. Meet other persons outside at the flag pole in front of the Administration Area of the Main Building.
5. Meet the Fire Department incident commander and report the fire location (if known), the evacuation status of persons on-site and any problems encountered.

3.10.2 - In Case of Fire

1. Leave the fire area immediately.
2. Close and latch doors.
3. If the building has a fire alarm, activate the fire alarm system.
4. Shout "FIRE!" as you begin to clear and evacuate your areas.
5. Phone "9-911" and tell the operator, "There is a fire emergency at 2230 Main Street."
6. After the Fire Department has taken charge, phone and inform the following people, if they are not already aware of the situation:
 - a. Wastewater Treatment Plant Supervisor
 - b. Wastewater Operator-In-Charge
 - c. Superintendent of Treatment Plants
 - d. Wastewater Engineer
 - e. Manager of Wastewater Services
 - f. Manager of Environmental Standards
 - g. Water and Waste Department Safety Officer

3.11 - Contractor Notification

The Superintendent of Treatment Plants will notify on-site contractors about the evacuation situation by calling their emergency contact number(s).

All contractors that could be affected by an emergency must be informed about the parts of the 2230 Main Street Fire Safety Plan that would apply to them. Each NEWPCC stakeholder is responsible to inform the contractors it oversees. To demonstrate that the City has met Workplace Safety & Health Act requirements, the information provided to the contractor must be in writing and also have the contractor "sign off" that they have received and understood the information.

As a minimum, contractors working at 2230 Main Street are also expected to:

1. Have in place an emergency procedure to deal with situations that could arise as a result of their work activities.
2. Notify emergency services by calling 911 in the event of an incident.
3. Notify the City's Wastewater Treatment Plant Operator-In-Charge in the event of an incident.

4. Emergency Procedures

All occupants at 2230 Main Street are to be familiar with the following general procedures:

4.1 - General

1. Know where the fire alarm pull stations, emergency exits and fire extinguishers are located.
2. If working in the plant, know at least two ways out of the area you are working in.
3. Familiarize yourself with any posted evacuation routes.
4. Call the Fire Department immediately in case of fire.
5. Know the correct building address (2230 Main Street).
6. Co-operate with the Chief Fire Warden, Fire Wardens, the Fire Department and other emergency personnel.

4.2 - When a Fire Emergency Has Been Announced

1. If safe to do so, perform emergency shut-down procedures for your area.
2. Leave the building using the nearest safe exit.
3. Once outside, keep a safe distance away from the building and wait for your Fire Warden at the flag pole in front of the Administration Area of the Main Building.
4. Refrain from smoking.
5. Remain at the outdoor meeting location while your Fire Warden reports to the Chief Fire Warden.
6. Wait for your Fire Warden to return with further instructions.
7. Wait for the "All Clear" from your Fire Warden, before you re-enter the building.
8. Follow the Building Re-Entry Procedure (See Section 4.4).

4.3 - In Case of Fire

1. Leave the fire area immediately.
2. Close and latch doors.
3. If the building has a fire alarm, activate the fire alarm system.
4. Shout "FIRE!" as you begin to clear and evacuate your areas.
5. Using the Centrex system, dial "17" and clearly announce, "This is a fire emergency. Everyone must leave the building immediately using the nearest safe exit."
6. Using the Centrex system, dial "1010" to trigger the second floor alarm in the administration building.
7. Notify the Fire Department. Call "9-911" and tell the operator, "There is a fire emergency at 2230 Main Street."
8. If there is smoke, crouch low to the floor.
9. If smoke is encountered in a corridor, stairwell or tunnel, consider using an alternate escape route.
10. Evacuate the building using the nearest safe exit.

4.4 - Building Re-Entry Procedure for Buildings Equipped with Fire Alarm Systems

1. Staff and visitors are not to re-enter the building until it is declared safe by the Fire Department and the "All Clear" is given. Persons must never re-enter the building if the fire alarm bells are still ringing.
2. After it has been declared safe, trained staff shall be allowed to enter and silence the fire alarm.
3. The Electrical and Instrumentation Branch must be contacted to request a re-set of the fire alarm system.

4. After the alarm has been silenced, the Chief Fire Warden will signal to the Fire Wardens that staff and visitors may be allowed to re-enter the building, provided that a fire-watch walk-about is performed, as the building's fire alarm system will not be fully operational. If sufficient staff are not available to perform the fire-watch walk-about in all areas, occupancy should be restricted to only the patrolled areas of the building until the fire alarm system has been re-set.

4.5 - Procedures While Fire Alarm System is Silenced or Out of Service

1. During this period, staff will be appointed to perform a fire-watch walk-about until an electrician or an authorized fire alarm system contractor checks the fire alarm system and resets it.
2. The fire-watch walk-about involves staff patrolling occupied areas of the building approximately every 15-20 minutes, on the look-out for signs of fire (smoke, smells of something burning, etc.). The fire-watch is required, as the building is not properly monitored until the fire alarm system has been reset.
3. The electrician or contractor shall call the Chief Fire Warden to confirm that the fire alarm system is operational.
4. After the fire alarm system is declared fully operational, the Chief Fire Warden will inform all affected areas that the fire-watch walk-about can be stopped.

4.6 - In the Event of a Fire While the Alarm is Silenced

Be aware that the fire alarm cannot be activated.

1. Leave the fire area immediately.
2. Close and latch doors.
3. Shout "FIRE!" as you begin to clear and evacuate your areas.
4. Using the Centrex system, dial "17" and clearly announce, "This is a fire emergency. Everyone must leave the building immediately using the nearest safe exit."
5. Using the Centrex system, dial "1010" to trigger the second floor alarm in the administration building.
6. Notify the Fire Department. Call "9-911" and tell the operator, "There is a fire emergency at 2230 Main Street."
7. If there is smoke, crouch low to the floor.
8. If smoke is encountered in a corridor, stairwell or tunnel, consider using an alternate escape route.
9. Evacuate the building using the nearest safe exit.

4.7 - Building Re-Entry Procedure for Buildings not Equipped with a Fire Alarm System

1. Staff and visitors are not to re-enter the building until it is declared safe by the Fire Department and the "All Clear" is given.
2. After the Fire Department has declared "All Clear", the Chief Fire Warden will signal to the Fire Wardens that persons may be allowed to re-enter the building.
3. Fire Wardens will return to their groups and inform evacuees that it is safe to re-enter the building.
4. Staff are to enter the building before visitors.

5. Fire Warden General Duties

1. Know and be familiar with all aspects of the Fire Safety Plan.
2. Familiarize yourself with the posted evacuation routes.
3. Know the designated outside meeting location (flag pole in front of the Administration Area of the Main Building).
4. Call the Fire Department immediately in case of fire.
5. Know the correct building address (2230 Main Street).
6. Ensure that new workers are familiar with their duties during an evacuation, the Fire Safety Plan and the evacuation routes for any areas where the worker may be present.
7. Cooperate with the Fire Department and other emergency personnel.

6. Method of Training Fire Wardens

Training should be on-going. At a minimum, staff meetings should be held three times per year and time should be allotted for Fire Safety Plan review, questions and answers. The Chief Fire Warden will be responsible for ensuring all Fire Wardens and all Alternate Fire Wardens are trained.

7. Method and Frequency of Conducting Fire Drills

Fire drills are to be conducted once per year. The purpose of conducting the drill is to familiarize persons with the facility's evacuation procedure. The drill is to be conducted as per the City of Winnipeg's "Fire Drills and Building Evacuations Guideline" which can be found at <http://citynet/hrintra/WorkplaceWellness/Safety/FireSafety/FireDrills.stm>. All applicable forms must be completed fully and filed. Deficiencies are to be noted and changes made accordingly. Changes made to the plan are to be included in a revised Fire Safety Plan and communicated to all NEWPCC stakeholders. Each stakeholder will be responsible for updating and maintaining their sections of the Fire Safety Plan.

8. Maintenance Procedures for Fire Protection Systems

8.1 - Coordination of Overall Maintenance

The Wastewater Treatment Plant Supervisor will be responsible for arranging the inspection, testing and maintenance of the fire protection systems and equipment.

8.2 - Contractors

Annual inspection and testing of fire protection equipment is performed by the following contractors:

8.2.1 - Fire Alarm System

The fire alarm system in the Administration Area of the Main Building and the heat and smoke sensor monitoring equipment will be monitored by a contractor. The contractor assigned to perform this task still needs to be determined.

8.2.2 - Fire Extinguisher Equipment

Inspections services provided by City contract.

8.2.3 - Fire Hydrants

NEWPCC staff, in conjunction with the Water Services Division, maintain the fire hydrant system.

8.2.4 - Maintenance Schedules

See Appendix A - Maintenance Procedures for Fire Protection Systems.

9. Building Evacuation Routes for Regularly Occupied Buildings

See Appendix F - Building Evacuation Routes.

Appendix A

Maintenance Procedures for Fire Protection Systems

Appendix A - Maintenance Procedures for Fire Protection Systems

A.1 - Fire Alarm System

A.1.1 - Daily

1. Check status of fire alarm A/C power indicator and trouble indicator.

A.1.2 - Monthly

1. Test fire alarm system including supervised and non-supervised systems (a non-supervised system is a fire alarm system without trouble monitoring capability).
2. Testing to be done on a rotational basis if zoned.
3. Inspect standby batteries.
4. Confirm signals are received at the monitoring station. This test is to be conducted in conjunction with a fire alarm test.

A.1.3 - Annually

1. Inspect and service all components of the fire alarm system.
2. Inspect and test all auxiliary devices connected to the fire alarm system. This may include fans, dampers, door holders, fire shutters, etc.
3. Annual inspections shall be properly documented. Documentation as per ULC-S536 shall be submitted to the Winnipeg Fire Paramedic Service for examination.

A.1.4 - As Required

N/A

A.2 - Heat Sensors and Smoke Detectors

A.2.1 - Daily

N/A

A.2.2 - Monthly

N/A

A.2.3 - Annually

1. Test heat and smoke sensors to ensure they function properly.

A.2.4 - As Required

N/A

A.3 - Emergency Lighting

A.3.1 - Daily

N/A

A.3.2 - Monthly

1. Test equipment.

A.3.3 - Annually

1. Test emergency lighting to ensure that they function as required under simulated power failure conditions.
2. After completion of annual testing, check the charging systems for voltage and current. The charging recovery period should be tested to ensure proper function.

A.3.4 - As Required

N/A

A.4 - Means of Egress and Fire Separation

A.4.1 - Daily

N/A

A.4.2 - Monthly

1. Operate and inspect all doors in fire separations to ensure proper orientation. Inspection to include fusible links, hardware and devices used to hold open/release, when provided.
2. Inspect all doors in fire separations to ensure that they are closed.

A.4.3 - Annually

N/A

A.4.4 - As Required

1. Maintain the means of egress, including corridors and stairwells, free of obstructions and in good repair.

A.5 - Fire Extinguishers

A.5.1 - Daily

N/A

A.5.2 - Monthly

1. Visually inspect all portable fire extinguishers.

A.5.3 - Annually

1. Arrange for the appropriate contractor to service all portable fire extinguishers.

A.5.4 - As Required

1. Recharge extinguishers after use or as indicated by inspection.

2. Each extinguisher shall have a tag indicating maintenance, etc.

A.6 - Hydrants

A.6.1 - Daily

N/A

A.6.2 - Monthly

1. Inspect hydrants to ensure proper orientation including caps, threads, barrels and valves.

A.6.3 - Annually

1. Flush hydrants with all valves fully open.

A.6.4 - As Required

1. Check that hydrants are clear of snow, ice and other obstructions.
2. Ensure that hydrant locations are clearly identified.

A.6.5 - After Each Use

1. Inspect hydrants to ensure proper orientation including caps, threads, barrels and valves.

A.7 - Heating, Ventilation, Air Conditioning and Chimneys

A.7.1 - Daily

N/A

A.7.1 - Monthly

N/A

A.7.1 - Annually

1. Inspect all fire dampers and fire stop flaps.
2. Operate disconnect switches for mechanical air conditioning and ventilation systems.
3. Inspect fuel heating systems, including appliances, chimneys and flue pipes (if applicable). Fuel heating systems shall be inspected annually by a person acceptable to the Winnipeg Fire Paramedic Service.

A.7.1 - As Required

1. Inspect hoods, filters, and ducts subject to accumulation of combustible deposits, and clean or replace as necessary.

Appendix B

Fire Wardens and Contact Numbers

Appendix B - Fire Wardens and Contact Numbers

The following individuals are assigned to perform fire warden duties. In the event of an individual being absent at the time of the emergency, the next person on the list will assume the duties.

	POSITION	OFFICE	CELL
CHIEF FIRE WARDEN			
JOHN AMOS	WASTEWATER TREATMENT PLANT SUPERVISOR	204-986-4845	204-470-7326
SHANE WESTOVER	WASTEWATER TREATMENT OPERATOR - 4	204-986-3463	204-619-1265
JOHN BARNARD	WASTEWATER TREATMENT OPERATOR - 4	204-986-3463	204-226-2053
DAVE MAXWELL	WASTEWATER TREATMENT OPERATOR - 4	204-986-3463	204-232-7933
FIRE WARDEN 1			
SHANE WESTOVER	WASTEWATER TREATMENT OPERATOR - 4	204-986-3463	204-619-1265
JOHN BARNARD	WASTEWATER TREATMENT OPERATOR - 4	204-986-3463	204-226-2053
DAVE MAXWELL	WASTEWATER TREATMENT OPERATOR - 4	204-986-3463	204-232-7933
FIRE WARDEN 2			
GLEN GREENAWAY	LEAD INDUSTRIAL MECHANIC	204-986-4842	204-470-4761
HENRY LOEWEN	INDUSTRIAL MECHANIC	204-986-4842	
FIRE WARDEN 3			
MARC GOOVAERTS	SENIOR INSTRUMENT TECHNICIAN	204-986-4847	204-391-2749
TBA	INSTRUMENT TECHNICIAN	204-986-4847	
FIRE WARDEN 4			
DAN DECRAENE	WASTEWATER CONTRACT SUPERVISOR	204-986-4797	204-794-4582
DOUG CRAWLEY	WASTEWATER CONTRACT INSPECTOR	204-986-4820	204-794-4581
TERRY ROWE	WASTEWATER CONTRACT INSPECTOR	204-986-4796	204-794-4580
FIRE WARDEN 5			
SHAUN WALKER	LABORATORY TECHNICIAN III	204-986-4794	
ELSA VILLARENTE-CO	LABORATORY TECHNICIAN III	204-986-4794	
FIRE WARDEN 6			
DWAYNE WHEELER	LABORATORY TECHNICIAN III	204-986-6736	
ELSA VILLARENTE-CO	LABORATORY TECHNICIAN III	204-986-4794	
FIRE WARDEN 7			
TBA	SENIOR LABORATORY TECHNICIAN	204-986-4815	
ANITA VANDERSTEL	SENIOR LABORATORY TECHNICIAN	204-986-2337	

Appendix C

Emergency Notification Contacts

Appendix C - Emergency Notification Contacts

The following stakeholders are to be notified by the Chief Fire Warden in the event of a fire at 2230 Main Street.

STAKEHOLDER	NAME	OFFICE	CELL
PRAXAIR	24/7 OPERATOR	1-204-482-5922	
WASTEWATER TREATMENT PLANT SUPERVISOR	JOHN AMOS	204-986-4845	204-470-7326
WASTEWATER ENGINEER	RICHARD SONG	204-232-0263	204-232-0263
MANAGER OF WASTEWATER SERVICES	CHRIS CARROLL	204-986-7435	204-795-8350
MANAGER OF ENVIRONMENTAL STANDARDS	TBA	204-986-4807	204-794-4548
WATER AND WASTE SAFETY OFFICER	TERRY MILLER	204-986-8299	204-470-4939

Appendix D

Electrical and Gas Shut-off Locations

Appendix D - Electrical and Gas Shut-off Locations

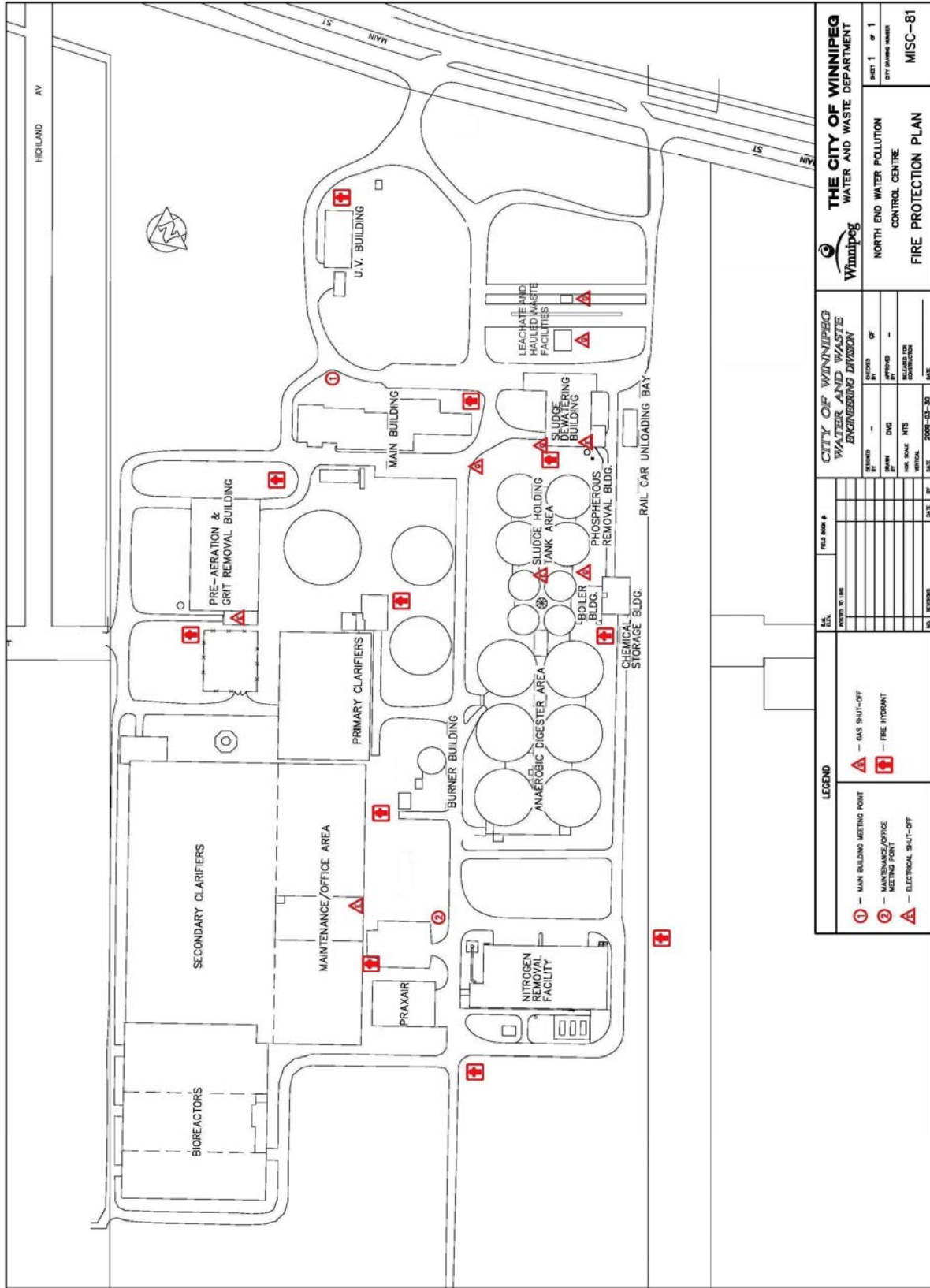
BUILDING	ELECTRICAL SHUT-OFF LOCATION	GAS SHUT-OFF LOCATION
MAIN BUILDINGS	GRIT ELECTRICAL ROOM BREAKERS 52-F3 AND 52-F4	IN THE TUNNEL, HALF-WAY BETWEEN THE MAIN BUILDING AND THE DEWATERING BUILDING
PRE-AERATION AND GRIT REMOVAL BUILDING	GRIT ELECTRICAL ROOM BREAKERS F1G AND F2G	N/A
PRIMARY CLARIFIERS	GRIT ELECTRICAL ROOM BREAKERS F1P AND F2P	N/A
SECONDARY CLARIFIERS	GRIT ELECTRICAL ROOM BREAKERS 52-F2 AND 52-F5	N/A
MAINTENANCE/OFFICE AREA (BETWEEN THE SECONDARY CLARIFIERS)	GRIT ELECTRICAL ROOM BREAKERS 52-F2 AND 52-F5	N/A
BIOREACTORS	SECONDARY ELECTRICAL ROOM BREAKERS LBT12 AND LBT13	N/A
BURNER BUILDING	DIGESTER EAST ELECTRICAL ROOM LBT7 OR DEWATERING ELECTRICAL ROOM LB1 AND LB6	N/A
ANAEROBIC DIGESTER AREA	DEWATERING ELECTRICAL ROOM LB5 AND LB6	N/A
SLUDGE HOLDING TANK AREA	DEWATERING ELECTRICAL ROOM LB5 AND LB6	N/A
BOILER ROOM	DEWATERING ELECTRICAL ROOM LB5 AND LB6 OR DIGESTER EAST ELECTRICAL ROOM 1DE13 AND 2DE35	EAST ENTRANCE OF THE BOILER ROOM
OIL STORAGE AREA (ATTACHED TO ANAEROBIC DIGESTERS)	DEWATERING ELECTRICAL ROOM LB5 AND LB6 OR DIGESTER EAST ELECTRICAL ROOM 1DE13 AND 2DE35	N/A
DEWATERING BUILDING (INCLUDING TRUCK BAY AND CHEMICAL STORAGE AREA)	GRIT ELECTRICAL ROOM BREAKERS 52-F1 AND 52-F6	NORTH-WEST CORNER ON THE MAIN FLOOR OF THE DEWATERING BUILDING

RAIL CAR UNLOADING BAY	GRIT ELECTRICAL ROOM BREAKERS 52-F1 AND 52-F6	N/A
ULTRA-VIOLET (UV) TREATMENT BUILDING	GRIT ELECTRICAL ROOM BREAKERS 52-F7 AND 52-U1	N/A
NITROGEN REMOVAL	SECONDARY ELECTRICAL ROOM	N/A
PRAXAIR	SECONDARY ELECTRICAL ROOM	N/A
LIQUID HAULED WASTE BUILDING	DEWATERING ELECTRICAL ROOM	WEST SIDE OF BUILDING (OUTSIDE)
LEACHATE BUILDING	DEWATERING ELECTRICAL ROOM	WEST SIDE OF BUILDING (OUTSIDE)

Appendix E

Site Plan

Appendix E – Site Plan



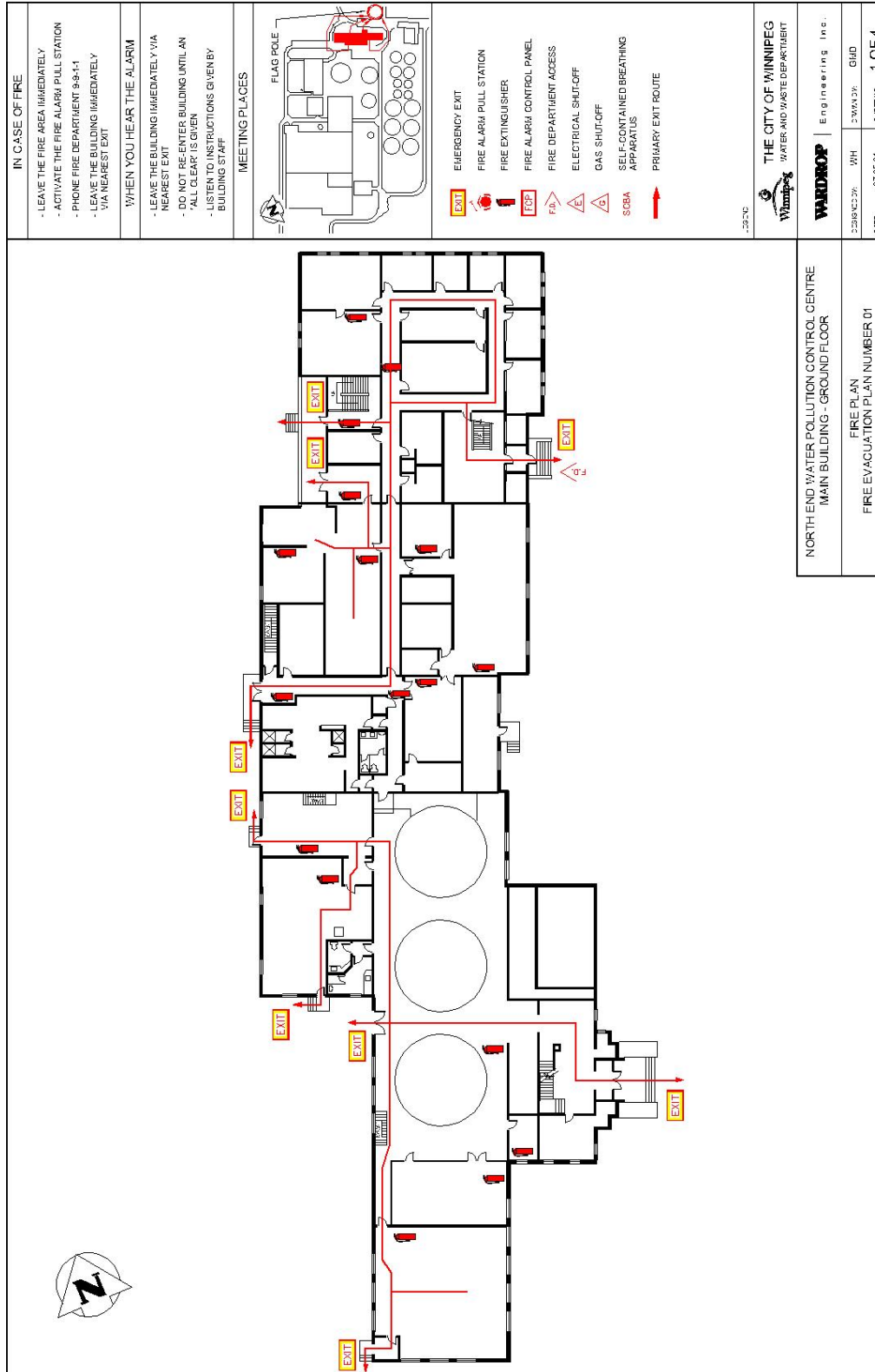
THE CITY OF WINNIPEG WATER AND WASTE DEPARTMENT		SHEET 1 of 1 CITY DRAWING NUMBER MISC-81
CITY OF WINNIPEG WATER AND WASTE ENGINEERING DIVISION		NORTH END WATER POLLUTION CONTROL CENTRE FIRE PROTECTION PLAN
DRAWN BY: [] CHECKED BY: [] DATE: []	DESIGNED BY: [] APPROVED BY: [] DATE: []	PROJECT NO.: [] DATE: []
LEGEND		
① - MAIN BUILDING MEETING POINT ② - MAINTENANCE/OFFICE MEETING POINT ▲ - ELECTRICAL SHUT-OFF	▲ - GAS SHUT-OFF ▲ - FIRE HYDRANT	

Appendix F

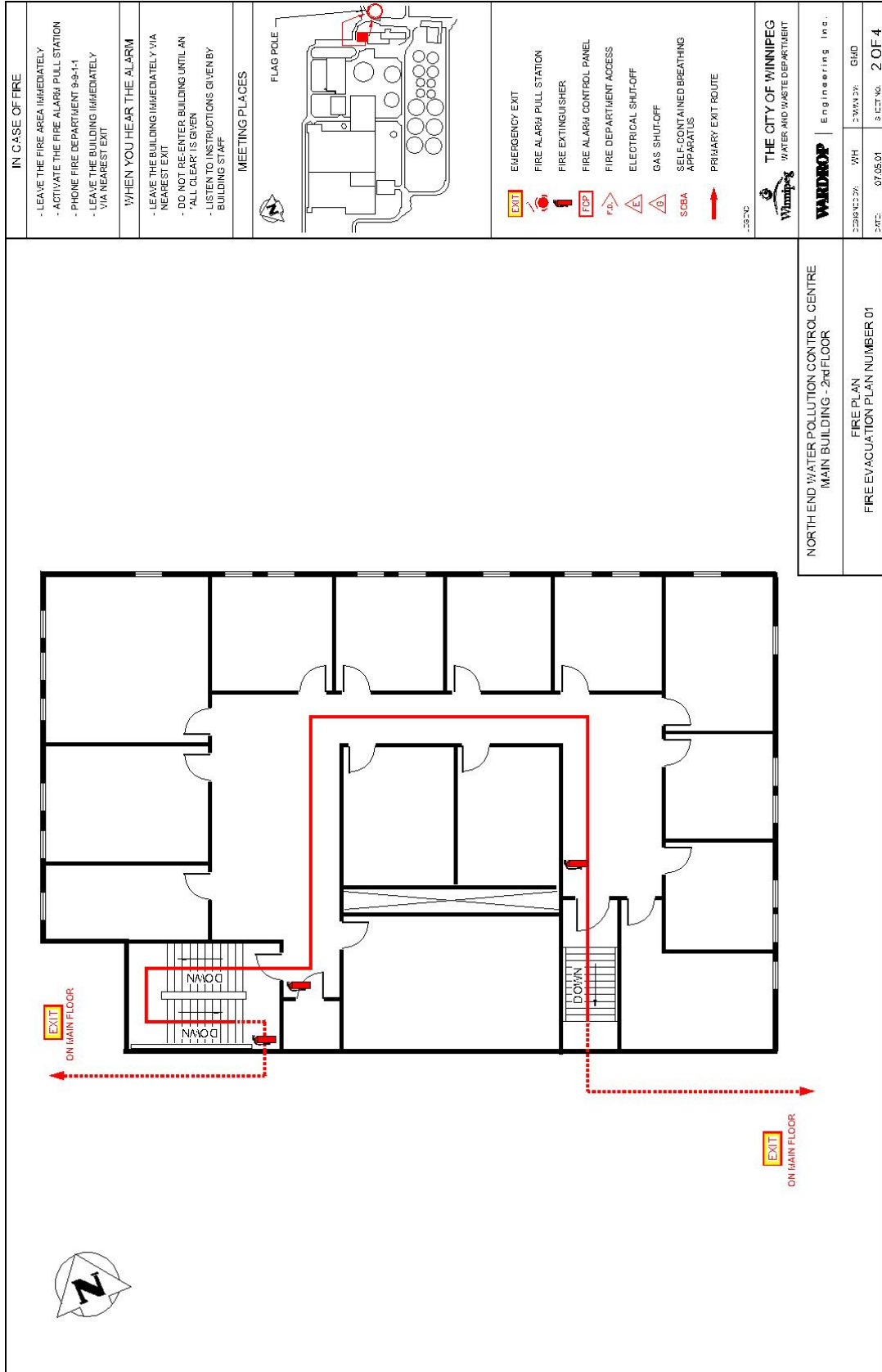
Building Evacuation Routes

Appendix F - Building Evacuation Routes

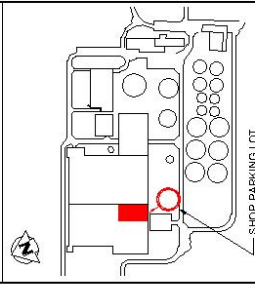
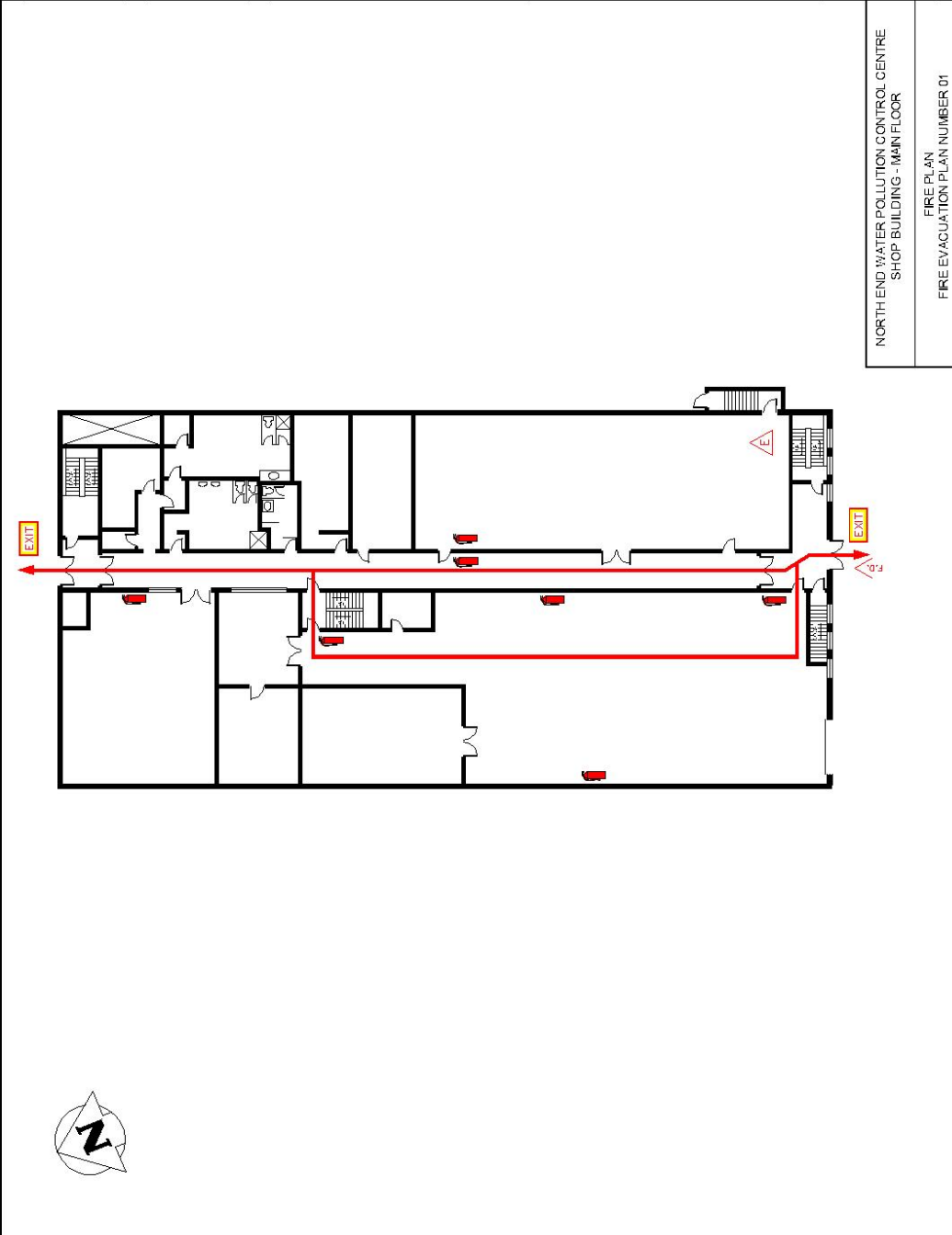
F.1 - Main Building - Main Floor



F.2 - Main Building - Second Floor



F.3 - Shop Building - Main Floor

<p>IN CASE OF FIRE</p> <ul style="list-style-type: none"> - LEAVE THE FIRE AREA IMMEDIATELY - ACTIVATE THE FIRE ALARM PULL STATION - PHONE FIRE DEPARTMENT 9-9-1-1 - LEAVE THE BUILDING IMMEDIATELY VIA NEAREST EXIT <p>WHEN YOU HEAR THE ALARM</p> <ul style="list-style-type: none"> - LEAVE THE BUILDING IMMEDIATELY VIA NEAREST EXIT - DO NOT RE-ENTER BUILDING UNTIL AN "ALL CLEAR" IS GIVEN - LISTEN TO INSTRUCTIONS GIVEN BY BUILDING STAFF 	<p>MEETING PLACES</p> 	<ul style="list-style-type: none"> EMERGENCY EXIT FIRE ALARM PULL STATION FIRE EXTINGUISHER FIRE ALARM CONTROL PANEL FIRE DEPARTMENT ACCESS ELECTRICAL SHUT-OFF GAS SHUT-OFF SELF-CONTAINED BREATHING APPARATUS PRIMARY EXIT ROUTE 	<p>THE CITY OF WINNIPEG WATER AND WASTE DEPARTMENT</p> <p>WARDROP Engineering Inc.</p> <p>2289 C229: WH 3/24/2013: GHD DATE: 07/04/27 9.01 CT No. 3 OF 4</p>
 <p>NORTH END WATER POLLUTION CONTROL CENTRE SHOP BUILDING - MAIN FLOOR</p> <p>FIRE PLAN FIRE EVACUATION PLAN NUMBER 01</p>			

F.4 - Shop Building - Second Floor

