

# Waste Transfer Station Bylaw

Rural Municipality of Britannia No. 502

BYLAW NO. 13-2024

## A BYLAW TO ESTABLISH THE MAINTENANCE AND OPERATION OF THE MUNICIPAL TRANSFER STATION

The Council of the Rural Municipality of Britannia No. 502 in the Province of Saskatchewan, enacts as follows:

### 1. PURPOSE

1.1 The purpose of this bylaw is to ensure the safe and sustainable operation and maintenance of the municipal waste transfer station located at NE 24-51-26 W3M Block B, Plan 10207507, Ext. 0 through an Operations Plan (schedule "A"), an Emergency Response Plan (schedule "B"), and Discharge and Discovery Reporting Standards (schedule "C").

### 2. Penalty for Contraventions

2.1 Every person who contravenes any provision related to Operations, Receiving/ Unloading, Acceptable Waste at the Transfer Station, and/or Handling and Disposing of Special/ Unacceptable Waste is guilty of an offense under the RM of Britannia General Penalty Bylaw and may be subject to actions described in that bylaw.

### 3. SCHEDULES TO THIS BYLAW

- 3.1 Schedule A – Operations Plan
- Schedule B – Emergency Response Plan
- Schedule C - Discharge and Discovery Reporting Standards

### 4. SHORT TITLE

4.1 This bylaw shall be known as the Waste Transfer Station Bylaw.

### 5. COMING INTO FORCE

5.1 This bylaw comes into force on the day of its third and final reading.



[Redacted Signature]

Reeve

[Redacted Signature]

Chief Administrative Officer

First reading of this Bylaw 26 day of June, 2024.

Second reading of this Bylaw 26 day of June, 2024.

Read a third time and adopted this 26 day of June, 2024.

Certified to be a true and correct copy of Bylaw No. 13-2024 passed by Resolution of Council on June 26, 2024 Administrator [Redacted]

419/24



## **Rural Municipality of Britannia No.502**

### **Bylaw 13-2024 Schedule A**

### **Transfer Station Operations Plan**

#### **1. Introduction**

The Rural Municipality of Britannia No. 502 began to phase in the operation of a transfer station in conjunction with a landfill in August of 2016. The size of the site is approximately 14.25 hectares and is located on Block B, Plan 10207507, Extension 0, on the NE 24-51-26 W3. The transfer station acts as a transfer point for acceptable municipal solid waste and recyclables, and serves only the ratepayers of the municipality.

By December of 2016, the transfer station was fully operational, but construction and demolition materials were still being disposed of in the former landfill pit (by permission of the Ministry of Environment). All household refuse was being shipped to the City of Lloydminster landfill at that time. In 2018 the transfer station Permit to Operate from the Ministry of Environment was officially issued.

As a condition of the Ministry of Environment Permit to Operate, the Rural Municipality of Britannia No. 502 has developed the following Transfer Station Operations Plan. The plan will cover both the municipal solid waste and the recycling activities that take place on site.

#### **2. Operations**

The R.M. of Britannia owns and operates the Transfer Station located on NE 24-51-26-W3 near the Hamlet of Hillmond. Operating hours are as follows:

Tuesdays & Wednesdays 10:00 A.M. to 6:00 P.M.

Fridays 10:00 A.M. TO 6:00 P.M.

Saturdays 10:00 A.M. TO 4:00 P.M.

Closed: Sundays, Mondays, Thursdays and Statutory Holidays. During non-operating hours, the buildings and gates shall be closed and locked

This municipal Transfer Station is open to: R.M. of Britannia No. 502 **RATEPAYERS ONLY**. All waste must be placed in the appropriate areas as directed by the Transfer Station Attendant.

#### **3. Receiving/ Unloading**

Vehicles enter the transfer station through its north gate. Signs are provided at the entrance indicating operating hours and emergency contact numbers. Vehicles are required to deliver their acceptable municipal waste or recyclables to the appropriate areas by driving in a counter clockwise direction through the transfer station site and exiting the through the south gate.



Scavenging is prohibited at the transfer station

**4. Acceptable Wastes at the transfer station includes:**

**Household Waste**

- All loose garbage and food waste must be bagged. Un-bagged loads will be refused entry into the Waste Transfer Station. Any ratepayer who does not follow the instructions of the transfer station attendant will be asked to leave the premises immediately.
- All loads entering the Waste Transfer Station are to be inspected, and instructions given by a Waste Transfer Station site supervisor before unloading.
- All bagged household waste is to be placed in the compactor located inside a steel building to make it harder for scavengers to gain access. Garbage will be compacted during the day and at the end of every shift to minimize nuisance, litter, disease vectors and odours. The platform around the compactor is approximately .75 above floor level to allow for safe unloading.
- All bagged garbage must be light enough to handle and place in the compactor.

Compactor bins are loaded and transported to the Lloydminster Landfill or place of choice. They must be weighed before and after transport, with printed receipts in kgs recorded on the appropriate record sheets at the Transfer Station office. Records must include the date, weight, and quantities of items transported. Printed tickets will then be handed into the RM office.

**Heavy Materials**

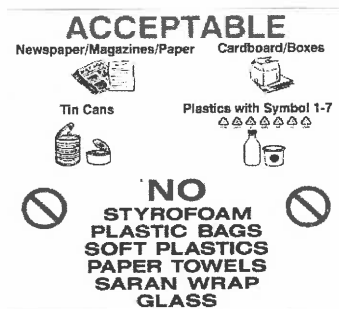
Heavy materials are placed in a metal bin with a ratcheting lid and a sign marking what is allowed inside:

All treated and painted wood, drywall, shingles, glass, windows, doors, ceramic toilets, ceramic sinks, ceramic tubs, plywood, MDF and OSB.

Heavy material bin gets loaded and transported to the City of Lloydminster Landfill or place of choice. They must be weighed before and after transport, with printed receipts in kgs recorded on the appropriate record sheets at the Transfer Station office. Records must include the date, weight, and quantities of items transported

**Recycling**

- All recycling to be bagged in blue plastic “recycle” bags, and placed in recycle bin. Recycle bin gets loaded and transported to GFL in Lloydminster. They must be weighed at the municipal weigh scale located in the municipal yard on the SE 25-51-26W3. before and after transport, with printed receipts in kgs recorded on the appropriate record sheets at the Transfer Station office. Records must include the date, weight, and quantities of items transported



**Hazardous Material - Used Oil, Paint & Antifreeze**

- All containers to have lids removed and drained of leftover oil contents into the used oil tank located inside the sea-can.
- Pails to be stacked and lids to be bagged.
- Filters to be placed in the 45-gallon barrels.

Paint to be poured into a metal barrel inside the sea-can. Metal cans to be placed in the metal pile. Plastic cans in the compactor

Antifreeze to be poured into a metal barrel inside the sea-can

Used oil, containers, oil filters, lids, paint and antifreeze get loaded by a certified company. All quantities removed are logged on the log sheet located in the sea-can, dated and signed by the company worker when called. Spill kit located in sea-can and Transfer Station Office.

**Televisions**

- All TV's to be placed in the three cages located beside the sea-can. TV's are transported to the City of Lloydminster Landfill free of charge.

**Grain Bags & Baler Twine**

- Must be clean, rolled and secured with twine prior to drop off. Must be able to unload on own. Clean Farms comes and picks up grain bags from site.
- Baler Twine – Clean rolled in bags provided. No netting. Clean Farms picks up from site.

**Clean Wood Pile**

- Clean wood only. No painted, treated, plywood, OSB, MDF or railroad ties.

The clean wood pile must be inspected (name recorded on sheet) prior to burning and any foreign material removed. This must be recorded on the sheet in the Waste Transfer Station office along with the dates in which the pile was burned. RM of Britannia burning permit must be obtained and Prince Albert Fire Services call center informed. The clean wood pile is burned every 4 months (or when needed) depending on size of pile and weather conditions.

**Refrigerators and Freezers**

- Refrigerators, freezers, air conditioners and water coolers are to be neatly placed upright together in the Fridge and freezer area of the Waste Transfer Station. Freon to be removed by a certified technician every 6 months or when the area gets to congested to access. Once freon is removed each appliance will be marked with a big "X" with spray paint to show empty.

**Household Appliances**

- Stoves, Washers, Dryers, dishwashers, microwaves, hot water heaters to be neatly placed in an organized fashion, in the appliances area, separate from the fridges and freezers. At the Waste Transfer Station.

**Metal Pile**

- All metal to be placed in metal pile. No wire, propane tanks with valves removed.

### **Wire Pile**

- All Wire to be placed in wire pile. Wire only no wood posts.

Wire, Metal, Household appliances, Fridge and Freezers all get tendered out for removal every 2 – 3 years.

### **Hazardous Material - Battery Storage**

- All batteries to be placed in storage shed on plastic tray provided.

Batteries are donated to an organization / group within the RM of Britannia

All activity of removal of items are all logged on log sheets in a binder located in the Waste Transfer Station Office.

### **5. WE DO NOT ACCEPT:**

Tires, pesticides, pesticide containers, asphalt, burning barrel ashes, rocks, rubble, soil, animal carcasses, or commercial loads.

NO sweeping of trailers or vehicles permitted on site.

These items may be dropped off at the hazardous waste roundup, which usually takes place first weekend in May at the Exhibition Grounds Lloydminster or The City of Lloydminster Landfill.

### **6. Communications**

Personnel working at the transfer station will have access to the cell phone for the site and keep the phone securely on their person at all times during their shift.

### **7. Record Keeping**

Monthly logs for recording any happenings on any day at the transfer station. Data entered into the logs will include but not be limited to the following (that have not already been mentioned ):

- any complaints that may occur at the transfer station.
- document dates when blown refuse was retrieved.
- any damages to fencing and subsequent repairs;
- any evidence of illegal dumping, and how it was dealt with
- any evidence of alternate roadways or entries being used to access the transfer station.

**Transfer Station Office Shed:** Located by the in gate (north gate). In the office shed there is a first aid kit, AED, Fire extinguisher (also one located in compactor shed) – air horn, Co2 sensor (also one located in compactor shed). All above inspected monthly and logged on monthly log sheet in white binder in office shed.

Septic tank for the Transfer station office is emptied once a year (or as needed) by a certified technician.

The Waste Transfer Station Yard is lite with 2 poles with 4 lights each facing different directions to light up whole site. The Office Shed has a light on each side of the building facing north and south and the compactor shed has lights on the outside of the building.

## **8. Maintenance**

### **Landfill Decommissioning Plan**

The RM has completed the works required to decommission the landfill such as the covering system – including moving waste, compacting waste, backfilling with clay material, compacting clay liner and final site grading. The RM will inspect the covering system annually. The RM will ensure proper drainage from the clay cap is efficient and that there are no areas of standing water observed. The areas that have been seeded to grass will be inspected.

The RM will have Clifton Associates monitor and test the surface water and ground water. Reports will be submitted with the annually.

## **9. Animal Management Plan**

Annually the RM will have their Pest Control Officer inspect the Transfer Station to ensure there are no animal infestations on site. Rodents: There is trap located in the compactor shed.

The entire Waste Transfer Station, bins, and piles are surrounded by a 6-foot-tall “game wire” fence. The fence is regularly inspected for damage and garbage removal. If a large predatory animal is observed the local Conservation Officer will be contacted.

**10. Emergency Response Plan** - Please refer to the attached Transfer Station Emergency Response Plan.(note ensure all spill and fires are reported to the Spill Control Centre 1-800-667-7525)

## **11. Procedures for Staff Training**

All Transfer Station staff are to be trained in the Waste Transfer Station procedures and compactor operations prior to allowing them to work. Training shall be recorded on a training sign off sheet, and filed accordingly.

The Solid Waste Association of America (SWANA) Northern Lights Chapter course will be taken by all transfer station attendants.

## **12. Procedures for Handling and Disposing of Special Waste, unacceptable waste**

- Segregate any unacceptable materials that are discovered and have the materials disposed of in the proper manner; A professional that specializes in the unacceptable waste will be contacted to handle any special waste materials brought in and left behind.
- Inspect materials that are brought to the transfer station to identify any that are unacceptable. All unacceptable material must be removed by the patron when leaving the

transfer station;

**13. Safe Work Practices**

- a) Vehicle Backing Up;
- b) Working Alone.

**14. Safe Work Procedures**

- a) Spills of Hazardous Materials
- b) Opening up Transfer Station;
- c) Compacting Garbage;
- d) Battery Storage;
- e) Oil Containers and Filters in Sea-Can;
- f) Recycling Bin;
- g) Heavy Material Bin;
- h) Wire Pile;
- i) Clean Wood Pile;
- j) Closing Waste Transfer Station;
- k) Hauling Compactor and Waste Transfer Bins;
- l) Pushing Up Piles at Transfer Station;
- m) Compactor Monthly Inspection.

**15. Contact Numbers**

Transfer Station office (306) 821-2314  
Melissa Winter, Supervisor (306) 821-7257  
Daniel Allchurch, Attendant (306) 830-6155  
Municipal Shop (306) 825-3412  
Municipal Office (306) 825-2610



**Bylaw 13-2024 - Schedule B**

**RM of Britannia No. 502**

**Emergency Response Plan**

**Hillmond Waste Transfer Station**

**Company Name:** Rural Municipality of Britannia No. 502

**Location:** NE-24-51-26 West of the 3<sup>rd</sup>

**Date Completed:** October 17, 2015

**Date Reviewed:** May 24, 2023. June 17, 2024

**Signed:** \_\_\_\_\_

**Primary Contact**

**Name:** \_Waste Transfer Station \_\_\_\_\_ -

**Daytime Phone #** 306-821-2314

**Secondary Phone #**

**E-mail Address:**

**Secondary Contact**

**Name:** Melissa Winter – Transfer Station Supervisor

**Daytime Phone #** 306-821-7257

**Secondary Phone #** 306-825-2610

**E-mail Address:** [transfer.rm502@sasktel.net](mailto:transfer.rm502@sasktel.net)

**Emergency Contact Numbers**

**Fire Station:** 911

**Ambulance:** 911

**Police:** 911

**Spill Control Center number** 1-800-667-7525

**Police non-emergency:** 310-7267

**Lloydminster Hospital** 306-820-6000







## **RM of Britannia No. 502**

### **Emergency Response Plan**

#### **Potential Emergencies**

##### **1. In the event of a serious injury or fatality:**

1. Call an ambulance: 911
2. Provide location and injury details - NE-24-51-26 West of the 3rd
3. Provide First Aid
4. Keep all non-essential personnel away from area
5. Notify Transfer Station Supervisor
6. Scenes of serious or fatal injuries are to be left undisturbed except for immediate danger, and treatment or removal of the injured
7. Do not contact next of kin – RM administration will arrange for local police or Company representative to do this.

##### **2. In the event of a fire/explosion:**

1. When a fire is observed call “FIRE” as loud as possible, at least three times
2. Assist all victims and remove from immediate danger
3. If warranted send someone to summon Fire Department by calling 911
4. Attempt to extinguish or contain fire if there is no serious risk of injury to any personnel (enlist help if required)
5. Staff will gather at the Muster point which is upwind from the incident
6. The muster point will have a tube attached to the post. Inside the tube is a list of important phone numbers and directions to the Waste Transfer Site from Lloydminster.
7. The Transfer Station Supervisor will ensure all employees are accounted for.
8. Field Crews will gather at the Foreman’s vehicle or other designated site.
9. The Transfer Station Supervisor will ensure all employees are accounted for.
10. Transfer Station Supervisor should not allow anyone back into the work area until it has been deemed safe by the Operation Manager, Police or the Fire Department.
11. Secure scene of fire and RM of Britannia property until Police or RM representative arrive
12. A “Post-Fire Investigation” will be conducted and recommendations submitted





## RM of Britannia No. 502

### Emergency Response Plan

#### 3. In the event of an unfavorable spill:

1. Assist all victims and remove from immediate danger. If warranted notify all applicable agencies including Transfer Station Supervisor and /or Operation Manager.
2. Attempt to stop or contain spill if there is no serious risk of injury to any personnel (enlist help if required)
3. Secure site until relieved by authorities
4. A "Post-Spill Investigation" will be conducted
5. Attempt to clean up only after directions from proper authorities
6. The Transfer Station Supervisor will lead a crew to clean up the spill with the shovels and absorbent materials which can be removed and disposed of in a hazardous waste facility
7. For spills that release more than the amount directed in Saskatchewan - reportable quantities pamphlet (attached), we will call Teravita Corporation based in Marshall Saskatchewan (Phone: 306-387-6507 / Land location: SE 1/4-21-48-26 W3M)

#### Location of Emergency Equipment

**Emergency Alarm:** There is a loud air horn on the wall of the WTS Site office. Tested monthly

**Fire Extinguishers:** Site Office and Trash Compactor building. Inspected monthly. See master sheet

**PPE:** gloves and safety glasses inside site office.

**Emergency Communication Equipment:** Cell Phone

**Other:** RM of Britannia 2-way radios (Foreman Vehicle)

#### Employee Emergency Training

**See safety training spreadsheet on wall:** Standard First Aid, CPR-C and AED, Fire extinguisher training





## RM of Britannia No. 502

### Emergency Response Plan

#### First Aid

**Type of First Aid Kit:** Alberta #2 – Insoctged monthly see log book.

**Location of First Aid Kit:** Site office

**Other Supplies:** In office #2 in RM of Britannia shop

**Transportation of Ill or Injured Persons:** Supervisors Vehicle

#### Communications

-We will communicate our emergency plans to employees by having them posted in the site office as well as having a discussion about the plan

-In the event of a disaster, we will communicate with employees by talking to them either in person, by phone, or by radio.

#### Procedures for Rescue and Evacuation

- √ We have located, copied, and posted site maps
- √ We have ensured that muster points are clearly marked
- √ We will practice evacuation procedures 2 times per year. See log book.

**-If we must leave the workplace quickly, we will follow this evacuation procedure:**

- 1) We will blow the air horn for 2 seconds, 2 times in a row
- 2) We will close entrance gate to prevent additional people in the area.
- 3) We will tell all personnel on site, to move in a safe manner to a safe muster point
- 4) We will contact emergency personnel as needed

**-Warning System:**

We will test our warning horn monthly. See log book.

**-Assembly Site:**

Either the RM of Britannia Safety Officer or the Transfer Station Supervisor will issue the all clear to return on the premises.





**RM of Britannia No. 502**  
**Emergency Response Plan**

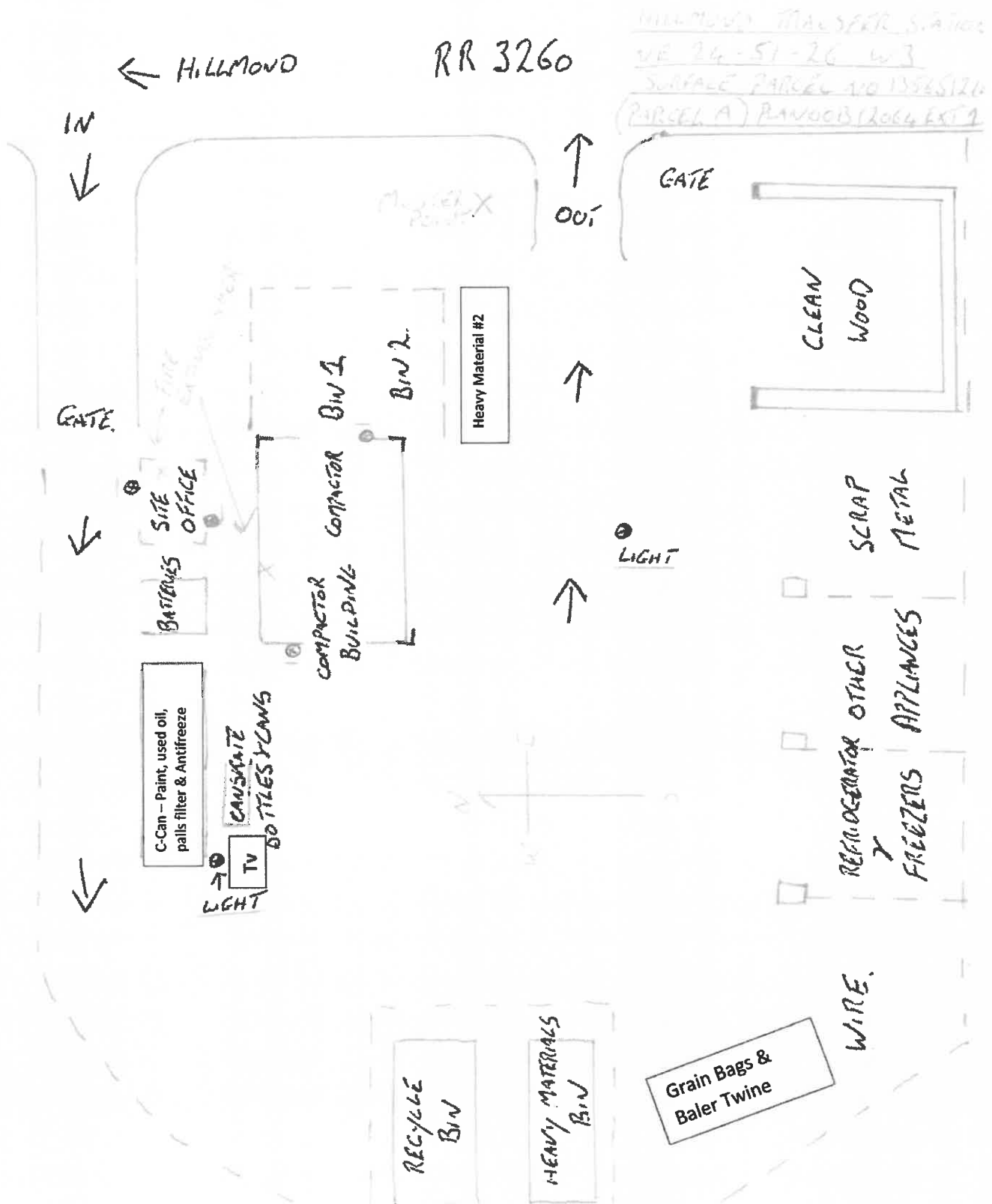
**Employee Emergency Contact Information**

<b>Waste Transfer Station On-Call Phone:</b>		<b>Cell 306-821-2314</b>
<b>Waste Transfer Station Supervisor</b>	<b>Melissa Winter:</b>	<b>Cell 306-821-7257</b>
<b>Operations Manager</b>	<b>Michael Glavin</b>	<b>Cell 306-830-6618</b>
<b>Administrator</b>	<b>Bryson Leganchuk</b>	<b>Cell 306-821-0658</b>





# RM of Britannia No. 502 Emergency Response Plan



## RM Britannia 502 Municipal Landfill

SK-798, Britannia No. 502 SK S0M 0W1

- ↑ 1. Head north toward SK-798 W

20 s (240 m)

Follow SK-798 W and AB-17 S/SK-17 S to 45 Ave in Lloydminster

29 min (38.3 km)

- ↩ 2. Turn left at the 1st cross street onto SK-798 W

33.8 km

- ↩ 3. Turn left onto AB-17 S/SK-17 S

① Passing through Alberta

② Entering Saskatchewan

16.2 km

- ↩ 4. Turn left onto SK-16 E (signs for Trans Canada Highway)

1.0 km

Continue on 45 Ave to your destination

2 min (630 m)

- ↪ 5. Turn right onto 45 Ave

450 m

- ↑ 6. Continue onto 43 Ave

90 m

- ↪ 7. Turn right

56 m

- ↩ 8. Turn left

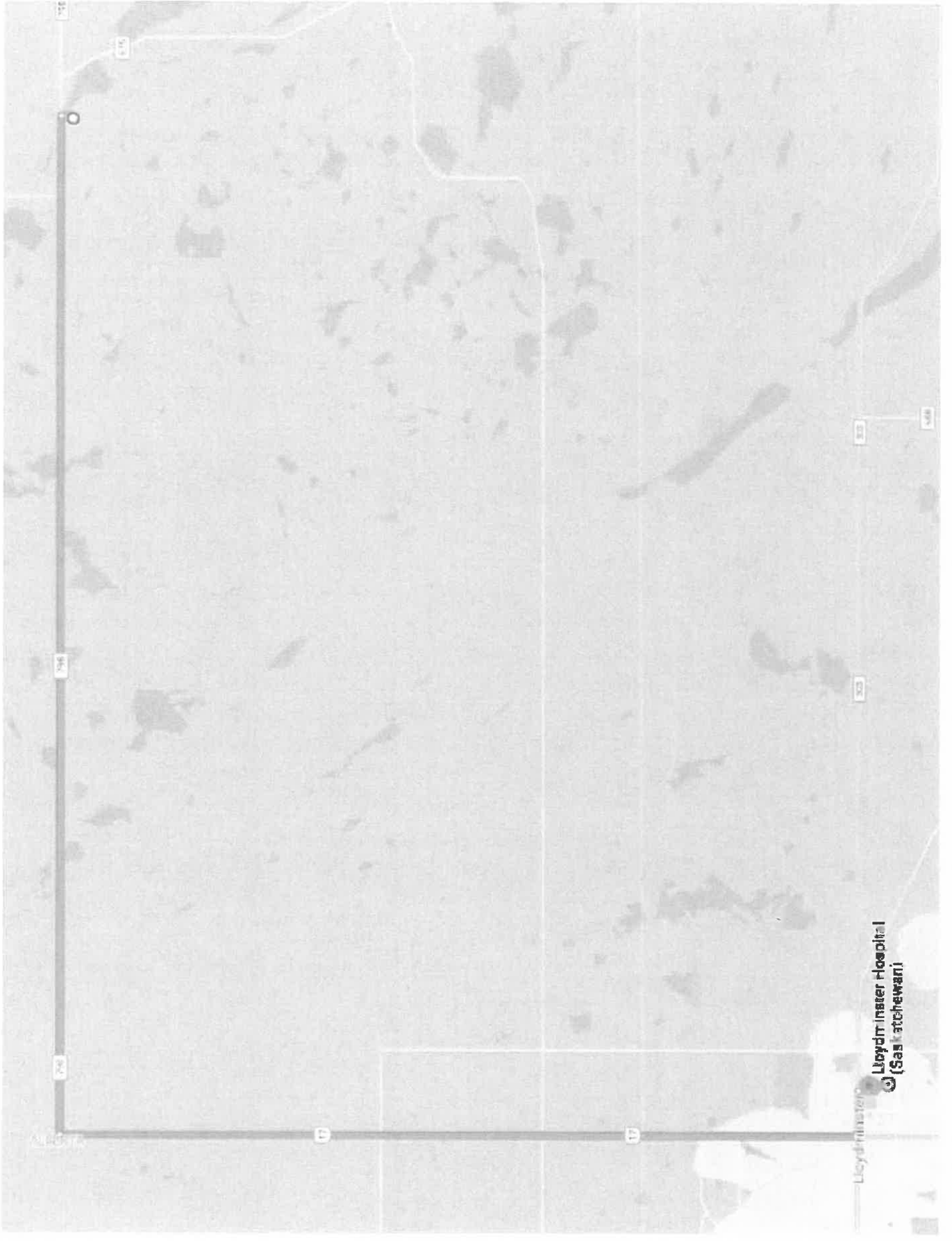
① Destination will be on the right

45 m

## Lloydminster Hospital (Saskatchewan)

2910 49 Ave, Lloydminster, SK S0V 1Y5





**Bylaw 13-2024 - Schedule C**

Discharge and Discovery Reporting Standard

Saskatchewan Environmental Code

April 5, 2024

[saskatchewan.ca/environmentalcode](https://saskatchewan.ca/environmentalcode)

Saskatchewan!





**A DEFINITIONS**

- (1) In this Standard the following words and phrases have the following meanings:
- (a) "Class" means a class established by the *Transportation of Dangerous Goods Act* (Canada) and the regulations enacted pursuant to that Act;
  - (b) "industrial waste" means as defined in *The Environmental Management and Protection Act, 2010* and the Substance Characterization Chapter;
  - (c) "offsite" means not onsite;
  - (d) "onsite" means on and completely contained within the boundaries of the property owned or occupied by the owner of a substance;
  - (e) "subsurface loss" means any release below ground surface as a result of a failure of a means of containment;
  - (f) "means of containment" is any container and associated piping or appurtenances used to contain a substance that may cause an adverse effect.

**B REPORT**

- (1) For the purpose of complying with the Discharge and Discovery Reporting Chapter of the Saskatchewan Environment Code, a report shall be made in accordance with the requirements of the Act and as set out in the Discharge and Discovery Reporting Chapter.

**Information Note**

There is no obligation to report a discovery in instances where a site assessment identifies a substance of potential concern above the level set out in Table 2 of the Discharge and Discovery Reporting Standard at a site for which a report had been previously provided to the minister. If the discovery is unrelated to the original report (e.g., as a result of a discharge that occurred after the original assessment/report) then a new report as set out in 1-6 of the Discharge and Discovery Reporting Chapter is required.

There is no obligation to report the intentional, lawful and prudent use of a substance that is generally recognized as accepted, ordinary and normal. This includes fugitive emissions resulting from commissioning, operating, or decommissioning a works.

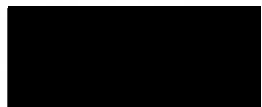
Delineation of substances of potential concern are limited to those anthropogenic substances identified, known to be present, or that may be reasonably expected to be present in soil, ground water or surface water based on past or present land use at the site.

There is no obligation to report a discovery in instances where it can be clearly demonstrated by the person responsible that an exceedance of the Table 2 level is due to naturally elevated (i.e. non-anthropogenic) background levels for the substance of potential concern. Where there is insufficient, or no, evidence of naturally elevated background levels for a substance of potential concern, a report as set out in 1-6 of the Discharge and Discovery Reporting Chapter is required.

The Discharge and Discovery Reporting Standard sets standards for the reporting of discharges and discoveries of substances and is not intended to establish a limit, standard, criteria or condition that is deemed to cause an adverse effect under section 2(2) of the Act. The user is cautioned that there may be an adverse effect at the site where there is an exceedance of the reportable concentration values if that value is applicable to the effected media, pathway, and land use as set out in the applicable table of the Saskatchewan Environmental Quality Standard. Reportable concentrations are intended as a trigger for further assessment and analysis at a potentially impacted site.

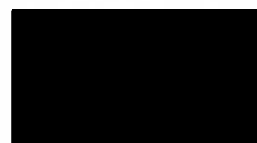
**Table 1 Discharge Reporting Quantities**

SASKATCHEWAN - REPORTABLE QUANTITIES			
Substance	Hazard Type	ONSITE	OFFSITE
		Reportable Quantity (in 24 hours unless otherwise noted)	Reportable Quantity (in 24 hours unless otherwise noted)
Class 1	Explosives	Any quantity that could pose a public safety risk or 50 kilograms	Any quantity that could pose a public safety risk or 50 kilograms
Class 2.1	Compressed Gas: Flammable	Any quantity that could pose a public safety risk; 50 kilograms; or a sustained release of 10 minutes or more	Any quantity that could pose a public safety risk; 50 kilograms; or a sustained release of 10 minutes or more
Class 2.2	Compressed Gas: non-Halocarbon containing (including Oxygen)	Any quantity that could pose a public safety risk or a sustained release of 10 minutes or more	Any quantity that could pose a public safety risk or a sustained release of 10 minutes or more
Class 2.2	Compressed Gas: Halocarbon containing	Any quantity that could pose a public safety risk or 100 kilograms	Any quantity that could pose a public safety risk or 100 kilograms
Class 2.3	Compressed Gas: Toxic	Any quantity any time	Any quantity any time
Class 3	Flammable Liquids	500 litres or any subsurface loss	200 litres or any subsurface loss
Class 4	Flammable/Reactive Solids	100 kilograms	25 kilograms
Class 5.1 Packing Groups I and II	Oxidizer	50 kilograms or 50 litres	2.5 kilograms or 2.5 litres
Class 5.1 Packing Group III	Oxidizer	100 kilograms or 100 litres	50 kilograms or 50 litres
Class 5.2	Organic Peroxide	2.5 kilograms or 2.5 litres	1 kilogram or 1 litre
Class 6.1 Packing Groups I	Acute Toxic	2.5 kilograms or 2.5 litres	1 kilogram or 1 litre
Class 6.1 Packing Groups II and III	Acute Toxic	10 kilograms or 10 litres	5 kilograms or 5 litres
Class 6.2	Infectious	All	All
Class 7	Radioactive	As per permit/approval conditions for the operation/facility. Where there is no permit/approval, consider discharge as offsite.	A discharge of any quantity of a Class 7 substance from a means of containment being used to store, handle or transport the substance.
Class 8	Corrosive	10 kilograms or 10 litres	5 kilograms or 5 litres
Class 9.1	Miscellaneous except PCB mixtures	100 kilograms	25 kilograms or 25 litres
Class 9.1	PCB Mixtures	50 grams net PCB content	50 grams net PCB content
Class 9.2	Aquatic Toxic	1 kilogram or 1 litre	1 kilogram or 1 litre
Class 9.3	Wastes: Chronic Toxic	10 kilograms or 10 litres	5 kilograms or 5 litres



**Table 1 Discharge Reporting Quantities (cont'd)**

SASKATCHEWAN - REPORTABLE QUANTITIES			
Substance	Hazard Type	ONSITE	OFFSITE
		Reportable Quantity (in 24 hours unless otherwise noted)	Reportable Quantity (in 24 hours unless otherwise noted)
Plant-based oils and fuels (Not Hazard Class 3), (e.g. canola, sunflower, linseed oils, bio-diesel)	Environmental	500 litres	250 litres
Glycols (inhibited and uninhibited) (e.g. antifreeze, heat transfer fluids)	Environmental	100 litres	50 litres
Non-Class 3 Petroleum Substances (e.g. new and used lubricating oils, mineral oils, hydraulic fluids)	Environmental	500 litres	200 litres
Industrial Wastes	Environmental	1,000 kilograms or 1000 litres	500 kilograms or 500 litres
Sewage	Environmental	Not applicable	300 litres
<b>The following reporting quantities are for discharges of substances subject to the requirements of <i>The Oil and Gas Conservation Act</i> and <i>The Oil and Gas Conservation Regulations, 2012</i></b>			
Substance	Hazard Type	ONSITE	OFFSITE
		Reportable Quantity (in 24 hours unless otherwise noted)	Reportable Quantity (in 24 hours unless otherwise noted)
Emulsion	Environmental	2,000 litres	Any quantity any time
Refined chemicals used in or in association with the maintenance, production or operation of a well, facility, pipeline or flowline	Environmental	500 litres	Any quantity any time
oil, salt water, condensate, oil and gas waste or product	Environmental	2,000 litres	Any quantity any time
Hydrogen sulphide	Toxic gas	1,000 ppm or 1 mole/Kmole	1,000 ppm or 1 mole/Kmole
Drilling Wastes/Frac Wastes/Oil Byproducts (Oily Produced Sands)	Environmental	2,000 litres	Any amount



**TABLE 2 Reportable Concentrations**

Substance of Potential Concern	Reportable Concentrations		
	Soils (mg/kg - Unless otherwise indicated)	Groundwater (mg/L)	Surface Water (mg/L)
<b>Halogenated Aliphatics</b>			
Tetrachloroethylene	0.018	0.01	0.01
Trichloroethylene	0.00019	0.00032	0.005
<b>Herbicides and Pesticides</b>			
Glyphosate	0.049	0.065	0.065
Lindane	0.11	0.00001	0.00001
<b>General and Inorganic Parameters</b>			
Nitrate (as nitrogen)	-	3	3
Nitrite (as nitrogen)	-	VARa	VARa
pH	6 – 8.5 (paste)	6.5 – 8.5	6.5 - 9
<b>Metalloids</b>			
Boron	3.3 (mg/L saturated paste extract)	1	1
Arsenic	17	0.005	0.005
<b>Metals</b>			
Cadmium	1.4	VARa	VARa
Chromium, Total	64	0.05	0.05
Chromium, Trivalent	-	0.0049	0.0049
Chromium, Hexavalent	0.4	0.001	0.001
Copper	63	0.007	0.007
Lead	70	VARa	VARa
Mercury	6.6	0.000005	0.000005
Nickel	45	VARa	VARa
Vanadium	130	-	-
<b>Petroleum Hydrocarbons</b>			
Benzene	0.015	0.005	0.005
Toluene	0.12	0.021	0.0005
Ethylbenzene	0.073	0.0016	0.0016
Xylene	0.99	0.02	0.02
F1	24	0.81	0.150
F2	130	1.1	0.110
F3	300	-	69.0
F4	2,800	-	36.4
<b>Polycyclic Aromatic Hydrocarbons</b>			
Benzo(a)pyrene	VARb	VARb	0.000015

**Note:** Table 2 is a limited selection of the lowest Saskatchewan Environmental Quality Guidelines (SEQG). Additional substances and their corresponding reportable concentrations are identified as a parameter type in the SEQG.

Substances not included in Table 2 Reportable Concentrations or SEQG that are discovered to be causing or may be causing an adverse effect shall be reported to the minister in accordance with the Discharge and Discovery Reporting Chapter of the Code.

**Abbreviations**

- No Value

VARa – Variable value, dependent on other factors. See aquatic life pathway from SEQG data source: Alberta Tier 1 Soil and Groundwater Remediation Guidelines, August 2022 and associated Environmental Quality Guidelines for Alberta Surface Waters, March 2018

VARb – Variable value, dependent on other factors. See calculation of the Index of Additive Cancer Risk for Carcinogenic PAHs from SEQG data source: Alberta Tier 1 Soil and Groundwater Remediation Guidelines, August 2022

