FIELD LEVEL HAZARD ASSESSMENT (FLHA)

Business name

Document: FLHA-001 Rev 1
Assessed: 2026-11-09 18:04
Valid for this shift / task only
Highest risk after controls: Medium

1. BUSINESS AND JOB DETAILS

Job	Lay sod	**Start date**	Nov 9, 2026
Working hours	7:00 am to 3:30 pm	**Trade**	Landscaping

2. JOB STEPS, HAZARDS AND CONTROLS

#	Job step	Hazards	Risk before	Controls	Risk after	Responsible
1	Locate irrigation and services before levelling	Hitting underground services	**Critical Possible / Fatality**	1.1 Keep machine buckets well clear of marked services and use a spotter. [Engineering (guarding)] 1.2 Scan the area with a cable locator before digging and mark services on the ground. [Engineering] 1.3 Hand expose or hydrovac services before machine digging inside the locate tolerance zone. [Engineering] 1.4 Click Before You Dig: lodge a locate request with your provincial one-call service and wait for the locates. [Administrative] 1.5 Follow your province's ground disturbance rules and keep locate sheets on site. [Administrative] 1.6 Keep plans or locate tickets on site and check them again if the work area grows. [Administrative] 1.7 If you hit a service, stop, get everyone clear, and call the owner and emergency services. [Administrative] 1.8 Wear safety boots, gloves and hi-vis when digging. [PPE]	**Medium Rare / Fatality**	Site supervisor
2	Level and prepare soil with the skid steer	Being hit by heavy equipment General dust	**Critical Possible / Fatality**	2.1 Separate people and equipment with barriers, exclusion zones and marked walkways. [Engineering (guarding)] 2.2 Use equipment with working backup alarms, cameras and lights. [Engineering] 2.3 Have a site traffic plan showing equipment routes, loading areas and pedestrian paths. [Administrative] 2.4 Use a spotter when backing up or working near people. [Administrative] 2.5 Make eye contact with the operator before going near. Stay out of the swing radius. [Administrative] 2.6 Operators are trained and competent for each machine. [Administrative] 2.7 Do a pre-start check on each machine every day and record it. [Administrative] 2.8 Wear hi-vis clothing and a hard hat. [PPE] 2.9 Use low-dust products, such as dust-reduced or pre-mixed compounds. [Substitution] 2.10 Seal off the work area with plastic sheeting in occupied	**Medium Rare / Fatality**	Site supervisor

#	Job step	Hazards	Risk before	Controls	Risk after	Responsible
				buildings. [Engineering (guarding)] 2.11 Use tools with dust extraction and a vacuum for clean up. [Engineering] 2.12 Lightly mist the area with water to keep dust down, away from anything electrical. [Engineering] 2.13 Never dry sweep or blow dust off with compressed air. [Administrative] 2.14 Wear a dust mask and safety glasses. [PPE]		
3	Lay rolls, lifting with your legs and swapping tasks	Lifting and carrying heavy loads Repetitive work and awkward postures	**High** **Likely / Lost time injury**	3.1 Plan to avoid carrying: have materials delivered, and old items picked up, as close as possible to where they are used. [Elimination] 3.2 Use lighter or smaller loads: order smaller bags and shorter lengths, and drain or break down old items before moving them. [Substitution] 3.3 Use trolleys, pallet jacks, hoists, vacuum lifters or equipment instead of carrying by hand. [Engineering] 3.4 Use a two-person lift for anything heavy, long or awkward. Plan the route first and clear it. [Administrative] 3.5 Keep the load close, back straight and no twisting. Turn with your feet. [Administrative] 3.6 Rotate tasks and take breaks on long lifting jobs. [Administrative] 3.7 Wear gloves for grip and safety boots to protect your feet. [PPE] 3.8 Use tools that cut the effort: powered screwdrivers, long-handled tools and extension poles for overhead work. [Substitution] 3.9 Set work up at waist height on benches or trestles where you can. [Engineering] 3.10 Use light tools with good grips, and keep blades and bits sharp. [Engineering] 3.11 Rotate tasks and take short breaks every hour on repetitive work. [Administrative] 3.12 Warm up before heavy physical work and report aches and pains early. [Administrative] 3.13 Wear knee pads for kneeling work and gloves for grip. [PPE]	**Medium** **Unlikely / Lost time injury**	Site supervisor
4	Apply fertiliser with gloves	Hazardous chemicals Rules: WHMIS 2015 and provincial OHS regulation	**Medium** **Possible / Lost time injury**	4.1 Choose the least harmful product that does the job, for example water-based instead of solvent-based. [Substitution] 4.2 Use chemicals in well-ventilated areas, or use fans and extraction in closed rooms. [Engineering] 4.3 Read the Safety Data Sheet (SDS) and WHMIS labels before use. Workers have WHMIS training. [Administrative] 4.4 Keep chemicals in labelled containers. Never decant into drink bottles. [Administrative] 4.5 Store chemicals away from heat, food and drink, and keep products that react with each other apart. [Administrative]	**Medium** **Unlikely / Lost time injury**	Site supervisor

#	Job step	Hazards	Risk before	Controls	Risk after	Responsible
				4.6 Have eye wash and a spill kit nearby, and wash hands before eating. [Administrative] 4.7 Wear chemical-resistant gloves and safety glasses or goggles as listed on the SDS. [PPE] 4.8 Use a respirator with the right cartridge if the SDS calls for one. [PPE]		
5	Water in, drink plenty and clean up	Heat stress Sun exposure (UV) Poor housekeeping and waste	**High Possible / Serious injury**	5.1 Schedule heavy work for the cooler part of the day. [Elimination] 5.2 Provide shade over work and rest areas, and fans or cooling in attics. [Engineering] 5.3 Supply cool drinking water close by and drink a cup every 15 to 20 minutes. [Administrative] 5.4 Take regular rest breaks in the shade, more often as it gets hotter. [Administrative] 5.5 Let new and returning workers build up to full work in the heat over about a week. [Administrative] 5.6 Plan outdoor work for early morning or late afternoon when UV is lower. [Elimination] 5.7 Put shade covers over fixed work areas. [Engineering] 5.8 Check the UV index each day. Use sun protection when it is 3 or higher. [Administrative] 5.9 Check your skin regularly and see a doctor about any new or changing spots. [Administrative] 5.10 Wear a broad-brim hat or hard hat brim, long sleeves, sunglasses and SPF 30 or higher sunscreen, reapplied every 2 hours. [PPE] 5.11 Order materials to size and send packaging back where you can. [Elimination] 5.12 Put waste bins and chutes close to the work. [Engineering] 5.13 Clean as you go, and do a full clean up at the end of each day. [Administrative] 5.14 Keep exits, stairs and walkways clear at all times. [Administrative] 5.15 Stack materials neatly on level ground, away from edges. [Administrative]	**Medium Unlikely / Serious injury**	Site supervisor

Risk key: risk = likelihood x consequence on a 5 x 5 matrix. Low, Medium, High, Critical. Work must not start while the risk after controls is high or above. Controls are listed in order of the hierarchy of controls: Elimination, Substitution, Engineering (guarding), Engineering, Administrative, PPE.

3. PPE AND PERMITS

Required PPE	Permits and plans
CSA green triangle safety boots (CSA Z195) Work gloves Sun protection (sunscreen, hat, long sleeves) Knee pads	None required

Required PPE	Permits and plans
High-visibility vest (CSA Z96) Hard hat (CSA Z94.1) N95 respirator Safety glasses (CSA Z94.3) Chemical-resistant gloves Safety goggles Respirator fit tested to CSA Z94.4 (P100 for dust, or the type the air test calls for) Coveralls	

4. PLANT AND EQUIPMENT

Plant / equipment	Licence or training needed	Inspection needed	Rego / ID	Last inspected	Certificate / report
Skid steer	Provincial operator training				
Plate tamper					
Hand tools					
Trailer					

5. TRAINING REQUIRED FOR THIS WORK

- WHMIS training

6. CREW COMPETENCY, TICKETS AND LICENCES

Crew listed at sign-on below, with ticket and licence numbers.

7. EMERGENCY ARRANGEMENTS

Emergency number	911	**First aid kit**	In the work vehicle
Fire extinguisher	In the work vehicle	**Alarm and evacuation**	Shout for help and stop work. Make the area safe and go to the assembly point. Call the emergency number and send someone to meet the ambulance.
Reporting incidents	Report serious incidents to the provincial regulator as required.		

8. MONITORING, REVIEW AND LEGAL BASIS

The supervisor and crew review this assessment at the start of the shift, whenever the task, crew or conditions change, and before any new work process starts. Re-assess and initial the changes below.

Legal basis: Provincial occupational health and safety law (e.g. Ontario OHSA and O. Reg. 213/91, BC OHS Regulation, Alberta OHS Code). Employers must identify hazards before work starts and control them, and workers must be told about them. A field level hazard assessment is done on site, at the start of each shift or task, and reviewed again when conditions change.

Keep completed hazard assessments for at least 3 years (COR auditors sample the last 12 months). Review this FLHA and re-sign whenever the task, crew or conditions change.

9. PRE-JOB CHECKS

Check	Yes	No
PPE inspected and in good condition		
Tools and equipment inspected		
Permits reviewed and posted		
Locates valid and on site (if digging)		
Barricades or warning ribbon in place		
Muster point and emergency plan reviewed with the crew		
SDS available for products used		
Working alone check-in set up (if anyone works alone)		

10. RE-ASSESSMENT WHEN CONDITIONS CHANGE

Time	What changed	New hazards	Controls	Initials

11. END OF SHIFT REVIEW

Completed at		**Reviewed by**	
Area cleaned up and safe		**Permits closed**	
Incidents or near misses		**Hazards remaining**	

12. REVISION HISTORY

Rev	Date	By	What changed
1	Nov 9, 2026		First issue

Rev	Date	By	What changed

13. SIGN-OFF

	Name	Signature	Date	
Prepared by				
Supervisor				
Prime contractor review				Accepted for use: Yes / No

By signing below, each worker confirms they took part in this hazard assessment, it was reviewed with them before work started, and they will follow it. Stop and re-assess if anything changes.

Name	Role / company	Tickets / licences	Signature	Date

Name	Role / company	Tickets / licences	Signature	Date