

PROJECT SITE SAFETY PLAN

Project Name: Lilyfield Quarry

Company Name: Hugh Munro Construction

Project Number

Contractor's Project Manager: Roy Kelly

Phone 204-479-8053

1. Description of Work	
Project Description	Stripping, stockpiling, building berms, water retention pond, drilling, blasting, crushing, screening, stock piling, distributing rock and fill, temporary road building
Project Location (Provide as much detail as possible)	NE, SE, and SW section 17-12-2E
Dates of Work	TBD
Contractor's Project Site Safety Supervisor Phone Number	Bob Bloomer 204-224-9218 Ext:233

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Subcontractors and their scope of work	Drilling - Agassiz Drilling Blasting - Austin Powder
Equipment involved	Hydraulic drills, crusher, conveyors, front end loaders, graders, excavators, bulldozers, dump trucks, flat bed trucks, fuel trucks, crew trucks, diesel and gasoline storage tanks
List Major Work Activities:	<ul style="list-style-type: none"> -mobilize equipment, install fuel storage -Clearing and stripping by bulldozer, loader, excavator -stacking, chipping, mulching and hauling out cut bush -grading crushing area -drill, blast, crush and haul rock product -distribute crushed rock, create temporary roads, lay geotextile

2. Scope of Work

What are the major hazards associated with each definable work activity?

Complete Hazard Assessments and Safe Work Procedures for specific work tasks.

JOB HAZARD ASSESSMENT & SAFE WORK PROCEDURE WORKSHEET

CONTROL MEASURES: Note: SWP = safe work procedure PPE = personal prot. eqpt.

HAZARD / RISK KEY: A1 – imminent danger, correct immediately
 B2 – moderately hazardous (not IDLH), correct immediately or ASAP
 C3 – mildly hazardous / not meeting regulation, needs attention

Sequence of Steps	Potential Accidents or Hazards	Preventive Measures
Mobilize equipment	A1 – loading and unloading equipment, fuel storage, fuelling machines -tip overs, spills, pedestrian hazards	-SWP for loading / unloading equipment -SWP for fueling, safe location, bermed storage areas, spill cleanup product
Maintenance and fuelling	A1 -Contamination, fire	-SWP for fuelling -safe fuelling location away from water sources -spill cleanup product / mitigation procedures -PPE as required for maintenance work

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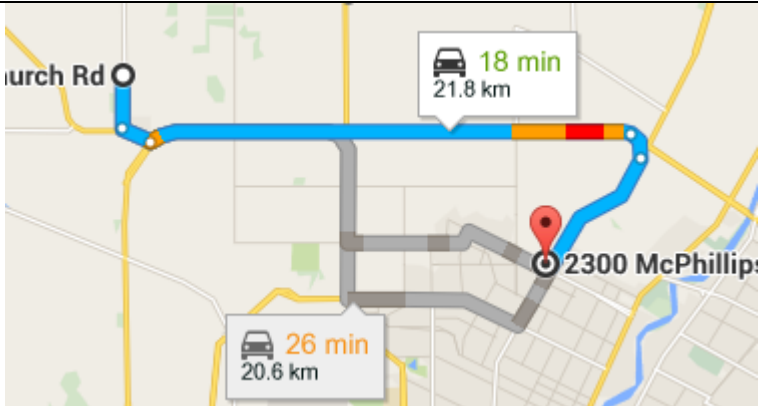
Stacking, mulching and chipping waste bush, hauling out	<p>A1</p> <ul style="list-style-type: none"> -high noise levels from mulching / chipping machines -entrapment, amputation hazards -pinch, crush hazards -eye hazards -pedestrian / vehicle hazards -cold conditions 	<ul style="list-style-type: none"> -SWP for chipping and mulching machines -Eye/face PPE, hearing protection, gloves -hi-visibility clothing -proper clothing, shelter, breaks
Excavation	<p>A1</p> <ul style="list-style-type: none"> -excavators, loaders, dump trucks -tip over, pedestrian hazards noise 	<ul style="list-style-type: none"> -hi-visibility clothing for ground workers -hearing / eye protection -SWP for heavy equipment operation
Lay geotextile	<p>B2</p> <ul style="list-style-type: none"> -cold conditions -strain injury 	<ul style="list-style-type: none"> -SWP for prevention of strain injuries -shelter, cold weather clothing
Drilling and Blasting	<p>A1</p> <ul style="list-style-type: none"> -Moving equipment -Equipment noise -Pedestrian /collision hazards -Explosion / flying debris -Entrapment / crush injuries 	<ul style="list-style-type: none"> -Stand clear and be observant -warning signals, signage, perimeter patrol - SWP for drilling and blasting - SWP for loading explosives -SWP for drilling equipment -Hi vis clothing -hearing and eye protection -respirators
Crushing & screening Material	<p>A1</p> <ul style="list-style-type: none"> - Moving equipment -high noise levels - Entrapment / crush injuries- crusher and conveyors -Pedestrian / collision hazards 	<ul style="list-style-type: none"> -SWP for crushing & screening -SWP for conveyors - SWP for stockpiling -hearing & eye PPE, Hi-viz clothing -respirators
Temporary road building	<p>A1</p> <ul style="list-style-type: none"> -dump trucks -loaders and excavators -grading -ground personnel hazards -install culverts 	<ul style="list-style-type: none"> -SWP for operation of various heavy equipment -SWP for hauling and dumping -SWP for installing culverts by loader -Hi-Viz clothing for ground personnel
Cold Weather conditions	<p>A1</p> <ul style="list-style-type: none"> -cold conditions -blizzards, whiteouts 	<ul style="list-style-type: none"> -Be prepared for very cold weather conditions -shelter, water -monitor weather -radio communications, work alone protocols

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3. Training Requirements and Qualifications

All personnel	-W.H.M.I.S. -Site orientation -Daily PSI's -emergency response -work alone -environmental protocols
Subcontractors	TBA
Task/Area Specific Requirements	-individual tools and equipment -Transportation of Dangerous Goods (TDG) as required -heavy equipment certification

4. Emergency Contacts

Ambulance	911
Police	911
Fire	911
Nearest Hospital	Seven Oaks General Hospital 2300 McPhillips St.
Directions to Nearest Hospital (Map Attached? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO)	
Project Manager Safety Officer	Roy Kelly Bob Bloomer
Workplace Safety and Health Branch	1-204-945-3446
Excavation -Permit #	

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5. Personal Protective Equipment	
All On Site Personnel	Hardhats, traffic vests and CSA footwear when off trucks or heavy equipment - all ground level workers
Area Specific Requirements	Drilling, blasting & crushing -hardhats, safety footwear, hi-viz clothing, safety eyewear, hearing protection, respirators as required
Task Specific Requirements	

6. Safety, emergency and Environmental Protection Equipment Required	
Activity	Equipment
all	First aid kit, fire extinguisher, eyewash on site at all times (15 min eyewash at camp)
	Spill control / clean-up product in vehicles
	Fire extinguishers & first aid on all vehicles

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7. Traffic Accommodation Requirements

Hazard	Control Measure
Civilian traffic, snowmobiles	Restricted traffic area – signage / barricades
Quads, dirt bikes	

8. Control Measures to Protect Other Workers/Public: This section details how you will protect other workers and members of the public sharing the worksite, or working in areas adjacent to the worksite from any physical or chemical hazards that the work may generate. In the case of occupied office space chemical hazards include dust and odours.

Hazard	Control Measure
Moving equipment	Stand clear and be observant, Hi-Viz clothing
Ground conditions	Proper footing, avoid / control slippery conditions
Fueling of equipment	Spill control products
Crossing right of ways	Clearance, signage, spotter
blasting	Fencing, signage, perimeter patrol, planned signals

Completed by: