



# Safe Work Method Statement #2

Organisation Details			
<b>Organisation Name:</b>	Ben's Tree Service Pty. Ltd.	<b>Contact Name::</b>	Ben Atkinson
<b>ACN/ABN</b>	21 131 346 659	<b>Contact Position:</b>	Director
<b>Address:</b>	13 Mataram St., Winnellie NT 0820	<b>Contract Phone No:</b>	08 8947 1775
<b>Project:</b>	Trim and Remove Trees	<b>Area:</b>	Project Site
<b>Activity:</b>	<i>Grind stumps, mulch trees, and then remove and dispose of mulch.</i>	This JSEA has been developed in consultation with: <b>Reviewed by:</b> _____ <b>Position:</b> _____ <b>Date:</b> _ / _ /	
<b>Resources / Trades Involved:</b>	Arborists		
<b>Equipment Used:</b>	Chainsaws, Crane, Mulcher, Truck, Bob Cat, Stump Grinder, Leader rope sling shot, ropes, chains, and slings		
<b>Maintenance checks:</b>	Visual Check during operations		
<b>Materials Used:</b>	Engine Coolant, Leaded Petrol, Diesel, Hydraulic Fluid, Grease, Herbicide		
<b>Occupational Health Safety or Environmental Legislation:</b>	NT Work Health and Safety Act (National Uniform Legislation) Act and Regulations 2011	<b>Codes or Standards applicable to the works:</b>	NT Code of Practice for Induction for Construction Work Managing the Risk of Falls. Safe Access in Tree Trimming and Arboriculture Managing Risks in Forestry Operations Traffic Management in Workplaces Working in the Vicinity of Overhead and Underground Electrical Powerlines Australian Standards for Chainsaw safety : AS 2726.1;AS 2726.2;AS 2727

Level	Description of Consequence or Impact	Consequence	Likelihood / Probability		
			L Likely	M Moderate	U Unlikely
<b>H (1)</b> <i>(High level of harm)</i>	Potential death, permanent disability or major structural failure/damage. Off-site environmental discharge/release not contained and significant long-term environmental harm.	<b>H (1)</b> <i>(High)</i>	1	1	2
<b>M (2)</b> <i>(Medium level of harm)</i>	Potential temporary disability or minor structural failure/damage. On-site environmental discharge/release contained, minor remediation required, short-term environmental harm.	<b>M (2)</b> <i>(Medium)</i>	1	2	3
<b>L (3)</b> <i>(Low level of harm)</i>	Incident that has the potential to cause persons to require first aid. On-site environmental discharge/release immediately contained, minor level clean up with no short-term environmental harm.	<b>L (3)</b> <i>(Low)</i>	2	3	3
Level	Likelihood / Probability				
Likely	The event is likely to occur in most circumstances (has occurred at regular intervals in the past) once per day or once per week				
Moderate	The event might occur (has happened occasionally in the past) once per fortnight to once per month				
Unlikely	The event could occur (has rarely happened in the past) once per month to once per year				
RISK MANAGEMENT CONTEXT					
1	<b>HIGH</b>	The activity <b>MUST NOT</b> proceed. Alternate work methods must be identified			
2	<b>MEDIUM</b>	The activity <b>MUST NOT</b> proceed until further risk control is identified. Monitor and supervise to ensure strict compliance with procedures and controls in place			
3	<b>Low</b>	The activity may proceed with normal supervision after implementing the control measures			



Item	Job steps	Hazards	Current Risk Class	Control Measures- Actions to be taken Hierarchy of Controls: Elimination/Design modification, Substitution, Isolation, Engineering, Administrative, Personal Protective Equipment	New Risk Class	Name of persons responsible for work
1	<b>Setup job site:</b> <ul style="list-style-type: none"> <li>• Assess area for hazards.</li> <li>• Caution off area</li> <li>• Remove obstructions</li> <li>• 'Start up' checks on mulching machine and stump grinder.</li> <li>• Conduct work team pre-start meeting</li> <li>• Check safety gear/equipment</li> <li>• Staff to sign off on procedure</li> </ul>	<ul style="list-style-type: none"> <li>• Manual Handling</li> <li>• People in area</li> <li>• Other work in area</li> <li>• Slips/trips/falls</li> <li>• Minor Cuts and abrasions</li> </ul>	Medium	<ul style="list-style-type: none"> <li>• Barricade work area</li> <li>• Trained and inducted staff</li> <li>• Pre-start meeting</li> <li>• Checklists</li> <li>• Personal Protective Equipment</li> <li>• SWMS sign on</li> </ul>	Low	Site Supervisor Arborists: Ground Crew

2	<p><b>Chip and Mulch Branches</b></p> <ul style="list-style-type: none"> <li>• Position chipper in safe working area</li> <li>• Start chipper as per start up procedure</li> <li>• Ensure cordoned area for chipper is clear</li> <li>• Check safety switches/emergency switches are working</li> <li>• Throttle chipper</li> <li>• Feed branches as per recommended use (from side of feed table) refer operators manual</li> <li>• Ensure mulch discharge is entering the bin of the truck</li> <li>• Once all branches are mulched throttle machine back to idle</li> <li>• Clean up working area ready for next branch(s) to chip</li> </ul>	<ul style="list-style-type: none"> <li>• Cuts lacerations from contact with chipper/mulcher.</li> <li>• Hit by ejected wood chips</li> <li>• Slips/trips or falls</li> <li>• Manual handling</li> <li>• Noise</li> <li>• Spread of weeds noxious grasses</li> </ul>	Medium	<ul style="list-style-type: none"> <li>• Safety cut off devices on mulcher/chipper</li> <li>• Relatively new modern machinery</li> <li>• Safety procedures followed from machine manual</li> <li>• Maintenance/inspection of machine</li> <li>• Competency/training of ground crew</li> <li>• Communication through tool box talks</li> <li>• Safety meetings and information sessions for staff</li> <li>• Barricading of work area</li> <li>• Qualified first aid personnel at site</li> <li>• Daily washing chipper/mulcher</li> <li>• Personal protective equipment including: <ul style="list-style-type: none"> <li>• High Viz long sleeve shirts and long trousers</li> <li>• Safety glasses</li> <li>• Safety boots</li> <li>• Safety helmets</li> <li>• Ear protection</li> </ul> </li> </ul>	Low	<p>Site Supervisor Arborists: Ground Crew</p>
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3	<p><b>Stump Grind Trees</b></p> <ul style="list-style-type: none"> <li>Secure working area</li> <li>Remove obstructions (Ensure no one other than operator in working area)</li> <li>Place barrier in front of grinding wheel (if required)</li> <li>Follow start up procedures</li> <li>Grind stump</li> <li>Remove stump mulch</li> <li>Pack machine away</li> <li>Ensure work area/ job site is left tidy</li> </ul>	<ul style="list-style-type: none"> <li>Cuts lacerations from contact with grinder</li> <li>Hit by wood particles</li> <li>Slips/trips or falls</li> <li>Manual handling</li> <li>Noise</li> </ul>	Medium	<ul style="list-style-type: none"> <li>Safety devices on grinder</li> <li>Relatively new modern machinery</li> <li>Safety procedures followed from manual</li> <li>Maintenance/inspection of machine</li> <li>Competency/training of ground crew</li> <li>Communication through tool box talks</li> <li>Safety meetings and information sessions for staff</li> <li>Barricading of work area</li> <li>Qualified first aid personnel at site</li> <li>Personal protective equipment included: <ul style="list-style-type: none"> <li>High Viz long sleeve shirts and long trousers</li> <li>Safety glasses</li> <li>Safety boots</li> <li>Safety helmets</li> <li>Ear protection</li> </ul> </li> </ul>	Low	Site Supervisor Arborists: Ground Crew
4	<p><b>Remove Mulch</b></p> <ul style="list-style-type: none"> <li>Ensure all mulch has been collected</li> <li>Start truck as per start up procedure</li> <li>Ensure mulch is secure in the bin of the truck</li> <li>Dispose of mulch in accordance with guidelines (Bens Tree Service are Environmentally friendly, and is policy is to recycle all mulch)</li> </ul>	<ul style="list-style-type: none"> <li>Manual Handling</li> <li>Uncontrolled truck movement</li> <li>Fall from truck securing mulch</li> <li>Traffic hazards delivering mulch</li> <li>Spread weeds or noxious grasses</li> </ul>	Medium	<p>Driver competency and licence Maintenance/inspection of truck Tool-box talks to reinforce procedures Use of approved landscaping recycler</p>	Low	Arborists: Ground Crew



**Amendments or Additions**

Item	Job steps	Hazards	Risk Class/ Ranking	Control Measures- Actions to be taken Hierarchy of Controls: Elimination/Design modification, Substitution, Isolation, Engineering, Administrative, Personal Protective Equipment	Name of persons responsible for work

Qualifications and experience required to complete the task	Personnel, Duties and Responsibilities (Supervisory staff and others)	Training Required to Complete Work
Competent in use of chipper/mulcher and stump grinders	Arborist Ground Crew	None
Truck licence	Truck drivers delivering mulch	None
Construction Industry Induction	All	None

**Engineering Details / Certificates / NT WorkSafe approvals:**



This JSEA has been developed through consultation with our employees and has been read, understood and signed by all employees undertaking these works:

Name: Please Print	Signature:	Date:
Ben Atkinson		
Mark Mckenzie		
Darryl Parrott		
Daniel Goldini		

Review No	01	02	03	04	05	06	07	08	09
Initial:									
Date:									

