

Job Safety & Environmental Analysis/ Safe & Environmental Work Method Statement

JSEA region/location:		Date:	
Job Description:	Tankering of Sewer & Stormwater Waste	Ref:	JSEA-7

External qualifications licences and/or competencies required for the tasks in this JSEA: <ul style="list-style-type: none">• Power Water (Water Services) Induction Certificate• HR Drivers Licence• White Card		Internal Renoflo training required to do the work outlined in this JSEA: <ul style="list-style-type: none">• Trained and inducted in referenced policies, procedures & SWP’s<ul style="list-style-type: none">○ SWP-3 Manual Handling Procedures○ SWP-4 Safe Operation of Combination Jetvac Unit○ SWP-8 Hearing & Noise Protection○ PPS-7 Personal Hygiene & Immunisation Policy• Competency Checklist – Jetvac Operator		
Legislation relevant to this task: <ul style="list-style-type: none">• Work Health and Safety (National Uniform Legislation) Act 2011• Work Health and Safety (National Uniform Legislation) Regulations• Hazardous Manual Tasks Code of Practice V1.1 8.2.2013		Plant and equipment used in the tasks of this JSEA: <ul style="list-style-type: none">• Spoutvac Combination High Velocity Jetting & Vacuum Recovery Truck• Kroll Recycler Combination High Velocity Jetting & Vacuum Recovery Truck		
External notifications and/ or permits required by this JSEA: <ul style="list-style-type: none">• Power Water Access Authority• Power Water Request for Access• Letters of Notification to the Householder (if applicable)				
PPE recommended for this task <ul style="list-style-type: none">• Gloves• Safety footwear• Hi-visibility clothing		JSEA Prepared by: Dean Harrowell		
Name As the person named below I acknowledge that I have read (or been instructed in) this JSEA/ SEWMS. I understand the requirements and will fully comply with them.		Company	Date	Signature

Risk Rating: A method of rating the potential severity of injury or loss using probability and consequences For each identified hazard consider the worst credible outcome using the matrix. Select an outcome from each column; where they intersect on the matrix will determine the rating.		RISK TABLE					PROBABILITY (of occurrence) A. Almost Certain: Common / repeat occurrence B. Likely: Known to occur C. Possible: Could occur D. Unlikely: Not likely to occur E. Rare: Practically impossible	CONSEQUENCE (injury; environmental; damage) 1. Negligible - First Aid Injury; minor environmental effects; financial loss <\$500 2. Minor - Medical Treatment; short term environmental effects; financial loss \$500 - \$2,000 3. Moderate - Restricted Work Injury; medium term environmental effects; financial loss \$2,000 - \$10,000 4. Major - Lost time injury; long term environmental damage; financial loss \$10,000 - \$100,000 5.Critical - Fatality, permanent disability; serious, long term environmental damage; significant financial loss >\$100,000					
		PROBABILITY	Almost Certain	A	Moderate	High					High	High	High
			Likely	B	Moderate	Moderate					High	High	High
			Possible	C	Moderate	Moderate					Moderate	Moderate	High
			Unlikely	D	Low	Low					Moderate	Moderate	Moderate
			Rare	E	Low	Low					Low	Low	Low
CONSEQUENCE													
		1	2	3	4	5							
		Negligible	Minor	Moderate	Major	Critical							
Step No	Task <i>break the whole job down into steps</i>	Hazard and possible injury and/ or damage from each step <i>What could injure or damage and how</i>	Risk before controls	Hazard control measures <i>what can be done to make the job safe</i>			Risk after controls	Person Responsible <i>Who will make sure it happens</i>	Tick				
1.	Perform standard daily maintenance checks	Operating Equipment	4A	REFER: Maintenance Log – Jetvac Truck 962320 or Maintenance Log – Kroll Recycler Work in accordance with SWP-3 – Manual Handling Procedures Report any faults Tag unit out if faulty			1C	Work Team					
2.	Travel to Site	Traffic & other vehicles	4A	Observe road rules and speed limits. Drive to the conditions			1C	Work Team					
3.	Establish site	Importation of weeds and/ or pests onto worksite	2B	Ensure vehicles, machines & attachments are free of weeds prior to commencement on site and prior to removal from site			2E	Work Team					
		Traffic – vehicular & pedestrian	4A	Work in accordance with: Field Guide for Speed Limits at Works on Roads Cone off/ barricade work area from vehicles and pedestrians Clear access area of tools and other trip hazards			1C	Work Team					
		Lifting, pushing, twisting, bending	3A	Work in accordance with SWP-3 Manual Handling Procedures			2D	Work Team					
		Hot/cold weather	1A	Wear appropriate PPE and bring drinking water on site			1D	Work Team					

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CONSEQUENCE					1	2	3	4	5				
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Step No	Task <i>break the whole job down into steps</i>	Hazard and possible injury and/ or damage from each step <i>What could injure or damage and how</i>	Risk before controls	Hazard control measures <i>what can be done to make the job safe</i>	Risk after controls	Person Responsible <i>Who will make sure it happens</i>	Tick						
		Sun exposure	4A	Wear appropriate PPE and clothing Apply sunscreen every 2 hours or more frequently as required	1C	Work Team							
		Vermin, snakes, spiders	4A	Wear appropriate PPE, first aid kit in vehicle	2D	Work Team							
		Light/darkness	3A	Use lighting where required	1C	Work Team							
4.	Carry out works	Lifting, pushing, twisting, bending	3A	Work in accordance with SWP-3 Manual Handling Procedures	2D	Work Team							
	Remove lid	Noise	4A	Work in accordance with SWP-8 Hearing and Noise Protection	1C	Work Team							
	Insert vacuum tubes/ vacuum hose into pump station	Plant & equipment operation	5A	Only trained operators (have achieved Competency Checklist – Jetvac Operator) to use equipment	2D	Work Team							
	Vacuum operation	Biological/ bacterial	4A	Wear appropriate PPE Work in accordance with: PPS-7 Personal Hygiene & Immunisation Policy Wash hands thoroughly with soap and water immediately after work and prior to eating, drinking or smoking	2D	Work Team							
	Removal of vacuum tubes	Overhead hazard	4A	Wear appropriate PPE, wear hard hat	2D	Work Team							
	Replace lid												
	Remove barricades												
	Wash up												

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Step No	Task <i>break the whole job down into steps</i>	Hazard and possible injury and/ or damage from each step <i>What could injure or damage and how</i>	Risk before controls	Hazard control measures <i>what can be done to make the job safe</i>	Risk after controls	Person Responsible <i>Who will make sure it happens</i>	Tick					
5.	Transport and dump	Traffic & other vehicles	4A	Observe road rules and speed limits. Drive to the conditions	2D	Work Team						
		Waste disposal	4A	EPA Power Water approved dump	2D	Work Team						
		Plant & equipment operation	5A	Only trained operators (have achieved Competency Checklist – Jetvac Operator) to use equipment	2D	Work Team						
		Biological/ bacterial	4A	Wear appropriate PPE Work in accordance with: PPS-7 Personal Hygiene & Immunisation Policy Wash hands thoroughly with soap and water immediately after work and prior to eating, drinking or smoking	2D	Work Team						
6.	Wash up (hands)	Biological/ bacterial	4A	Wear appropriate PPE Work in accordance with: PPS-7 Personal Hygiene & Immunisation Policy Wash hands thoroughly with soap and water immediately after work and prior to eating, drinking or smoking	2D	Work Team						
7.	Travel back to depot	Traffic & other vehicles	4A	Observe road rules and speed limits. Drive to the conditions	1C	Work Team						

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