McCONNELL DOWELL
CREATIVE CONSTRUCTION™

JOB SAFETY AND ENVIRONMENTAL ANALYSIS

MMS#.
020-F001-[NZ]

Project Name: **Insert Business Unit Name Here** **JSEA No:** **X-** **-020-** **XXXXX** Rev: ____ Page ____ of ____

Activity/Location: _____ **Approved By** _____

PREPARED/REVIEWED	
NAME	**DATE**

PREPARATION NOTES

- Input from persons doing the work.
- Be thorough when describing the basic job steps.
- Preferably use control measures that engineer out the risk e.g. handrails, guarding.
- Refer to the relevant CEPs, SWIs or EPIs in the control measures.
- Make sure all hazards related to the work site are identified and controlled - there may be hazards that are not addressed in the CEP, SWI or EPI.
- Supervisor to provide relevant information (methodology, technical details) from CEPs and Project Risk Register.

PPE

Standard PPE applicable to all activities as noted on this JSEA are as follows:

Safety Footwear	**X**	Safety Helmet	**X**	High Visibility Clothing	**X**
Long Trousers	☐	Long Sleeved Shirt	☐	_____	☐
Safety Glasses	☐	Gloves	☐		

Note: Other specific PPE is to be identified as part of this risk assessment and listed under "How to Control the Risk" on the following pages. (**X** indicates use is mandatory)

SAFE WORK INSTRUCTIONS (SWIs) & ENVIRONMENT PROTECTION INSTRUCTIONS (EPIs) RELEVANT TO THIS WORK			
K001-Operating Plant	☐	K044-Exposure to Noise	☐
K002-Using Powered Small Plant	☐	K051-Welding & Cutting Drums & Vessels	☐
K003-Using Laser Survey Equipment	☐	K052-Stacking & Storage of Materials	☐
K004-Using Hand Tools	☐	K053-Trenching & Excavations	☐
K113 Electrically Powered Hand Tools	☐	K126 Concrete Pumping	☐
K115 Compressed Air	☐	K129 Hazardous Chemicals – Storage & use	☐
K116 Oxyacetylene	☐	K072-Working with Asbestos	☐
K114 Explosive Powered Tools and Power Actuated Tools	☐	K130 Manual Handling	☐
K108 Ladders Use	☐	K132 Personal Protective Equipment	☐
K010-Erecting & Using Mobile Scaffolding	☐	K083-Communicable Disease	☐
K011-Erecting & Using Fixed Scaffolding	☐	K136 Fitness for Work	☐
K012-Lifting & Slinging	☐		
K117 Electric Arc Welding Equipment	☐	L001-Soil Erosion Sediment. & Surface Run-0ff	☐
K014-Using Electrical Equipment	☐	L002-Disturbance to Terrestrial Flora & Fauna	☐
K015-Operating Cranes	☐	L003-Disturbance to Aquatic Flora & Fauna	☐
K016-Operating Light Vehicles	☐	L004-Noise Emissions	☐
K018-Using a Workbox	☐	L005-Atmospheric Emissions	☐
K024-Demolition	☐	L006-Vibration	☐
K031-Work Near Plant	☐	L007-Storage, Maint. & Refuelling Machinery	☐
K032-Work Near Underground Services	☐	L008-Storage & Handling of Hazardous Subs.	☐
K033-Work Near Overhead Power Lines	☐	L009-Social Impact	☐
K124 Water Awareness	☐	L010-Land Restoration & Rehabilitation	☐
K035-Working Close to Traffic	☐	L011-Potential for Bush Fires	☐
K105 Height	☐	L012-Infectious Plant, Disease & Weeds	☐
K037-Sunburn & Skin Cancer	☐	L013-Solid and Liquid Waste	☐
K038-Thermal Stress-Heat	☐	L014-Disturbance to Cultural Heritage	☐
K039-Thermal Stress-Cold	☐	L015-Land Contamination	☐
K040-Remote & Isolated Work	☐	L016-Visual Amenity	☐
K041-Housekeeping-Access & Egress	☐	L017-Energy & Water Consumption	☐
K043-Cyclonic Conditions	☐	L018-Acid Sulphate Soils	☐

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Any significant hazards as defined in the Health & Safety in Employment Act 1992, Part 2 must be **E**liminated / **I**solated / **M**inimised and result recorded in the end column.

Basic Job Step	What Can Harm You or the Environment	What Can Happen (Risks)	How To Control the Risk (Reduce)	E/I/M

JOB SAFETY AND ENVIRONMENTAL ANALYSIS

JSEA No: X- -020- XXXXX Rev: **Supervisor Name:** _____

INDUCTION / REVIEW

DATE	NAME	SIGNATURE

DATE	NAME	SIGNATURE