

1 – 2	Insignificant risk
3 – 6	Low risk
8 – 10	Medium risk
12 – 16	High risk
20 – 25	Extreme risk

CONSEQUENCE				
Injuries or ailments not requiring medical treatment.	Minor injury, possible minor first aid	Moderate injury causing medical treatment cases;	Major injury or multiple serious injuries causing hospitalisation;	Death or multiple life threatening injuries; permanent disability.
Insignificant	Minor	Moderate	Major	Catastrophic
1	2	3	4	5

PROBABILITY	Almost Certain		CONSEQUENCE				
	Expected to occur in most circumstances (daily / weekly). High level of known incidents based on records / experience. Strong chance of re-occurrence.		1	2	3	4	5
	A	5	10	15	20	25	
	Likely		CONSEQUENCE				
	Will probably occur in most circumstances (monthly). Regular incidents known based on records or experience.		1	2	3	4	5
	B	4	8	12	16	20	
Possible		CONSEQUENCE					
Could occur at some time in the future (annually). Infrequent occurrence is possible based on records or experience.		1	2	3	4	5	
C	3	6	9	12	15		
Unlikely		CONSEQUENCE					
Could occur at some time in the future (2 – 5 years). Some records of known incidents or experiences exist.		1	2	3	4	5	
D	2	4	6	8	10		
Rare		CONSEQUENCE					
May occur under exceptional circumstances (lifetime). Not impossible, but unlikely to occur. Records may exist.		1	2	3	4	5	
E	1	2	3	4	5		

Different classifications of People on site at MCP

Customer: Anyone paying for a service at MCP

Rider: Any person riding on the lakes being towed by the Cable System (customer or staff)

Staff: Any employee of MCP

Visitor: Any member of the public or guest on the premises of MCP

Location – Dock

Risk	Probability	Consequence	Result	Controls
Customer or visitor slips on dock	Possible (C)	Minor (2)	6	<ul style="list-style-type: none"> Customers told to take care while walking around dock Dock Frequently cleaned Have staff member/s controlling flow during busy periods
Customer or visitor trips on dock	Possible (C)	Minor (2)	6	<ul style="list-style-type: none"> Dock frequently cleared of any unnecessary items Dock frequently checked for hazards
Customer or visitor hit by another customers equipment	Unlikely (B)	Insignificant (1)	2	<ul style="list-style-type: none"> Customers told to be careful while handling equipment Customers told to keep enough room between one another
Rider hits dock (seated start)	Unlikely (B)	Insignificant (1)	2	<ul style="list-style-type: none"> Operator only sends when customer is in correct position If customers first time or they struggle with start staff member will assist Cable pulls customer away from dock extension Give warning of when getting sent
Rider hits dock (standing start)	Unlikely (B)	Insignificant (1)	2	<ul style="list-style-type: none"> Operator only sends when customer is in correct position If customers first time or they struggle with start staff member will assist Specific board required for start Give warning of when getting sent
Rider hit by another during start	Unlikely (B)	Minor (2)	6	<ul style="list-style-type: none"> Make sure waiting customers are standing back Give warning of when getting sent
Deck hand getting hit by rider during start	Unlikely (B)	Minor (2)	6	<ul style="list-style-type: none"> Deck hand be aware of when riders are going Trained to be in correct positions depending on different starts
Rider dropping equipment on deck hand	Possible (C)	Insignificant (1)	6	<ul style="list-style-type: none"> Deck hand be aware of customers positions Deck hand wear suitable footwear to reduce chance of injury

Location – On Water

Rider getting hit by fellow rider (separate carrier)	Possible (C)	Moderate (3)	9	<ul style="list-style-type: none"> Both riders to look out for other riders (as stated in safety video) All riders wear protective equipment as a precaution Operators to give enough room for riders to miss fallen riders near start dock Carriers are spaced to give sufficient time to move Customers required to watch Safety Video
Rider getting hit by fellow rider (same carrier)	Possible (C)	Moderate (3)	9	<ul style="list-style-type: none"> Both riders to look out for each other Only capable riders are allowed to ride doubles Riders told to let go if one falls to reduce chances of impact Customers required to watch Safety Video
Rider getting hit by free rope (separate carrier)	Possible (C)	Moderate (3)	9	<ul style="list-style-type: none"> Once riders fall told to swim out of path of ropes (in safety video) If a rope is approaching told to duck under water to avoid Customers required to watch Safety Video
Rider getting hit by free rope (same carrier)	Possible (C)	Moderate (3)	9	<ul style="list-style-type: none"> Once other rider falls off continuing ride has to let go as rope can bounce up and hit them Only let experienced riders ride doubles Customers required to watch Safety Video
Rider having heavy water stack	Likely (B)	Moderate (3)	12	<ul style="list-style-type: none"> Specific boards/binding are made for different abilities to reduce impact of water stacks All riders wear type 3 PFDs to make sure they stay atop of the water Customers required to watch Safety Video Constant lake observation by Cable Lake Operator

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Rider having obstacle stack	Likely (B)	Moderate (3)	12	<ul style="list-style-type: none"> • Specific boards/binding are made for specific obstacle riding to reduce chances of stacks • All riders wear helmets to limit head injuries on obstacles • If riders first time staff will give instruction with caution and only give if riders ability is good enough • Customers required to watch Safety Video • Constant lake observation by Cable Lake Operator
Rider losing control on corner and hitting bank	Unlikely (D)	Minor (2)	4	<ul style="list-style-type: none"> • As stated in safety video if rider feels out of control at any stage sit down into water • Telling riders to ride only to there limits and on suitable equipment • Kneeboarders encouraged not to wear straps in personal boards • Customers required to watch Safety Video • Constant lake observation by Cable Lake Operator • Placement of Saftey Barriers • Utilisation of Blue (First time Visitor wristbands).
Rider losing control on corner and hitting tower	Unlikely (D)	Moderate (3)	6	<ul style="list-style-type: none"> • As stated in safety video if rider feels out of control at any stage sit down into water • Telling riders to ride only to there limits and on suitable equipment • Kneeboarders encouraged not to wear straps in personal boards • Customers required to watch Safety Video • Constant lake observation by Cable Lake Operator • Placement of Saftey Barriers • Utilisation of Blue (First time Visitor wristbands).
Rider becomes caught in rope whilst being reloaded in the elevator	Possible (C)	Moderate (3)	9	<ul style="list-style-type: none"> • Operator always checking that ropes are coming down and if they don't they stop cable before rider reaches it • If rider does get caught emergency stop activated by operator
Rider getting caught on rope with handle still looped	Unlikely (D)	Minor (2)	4	<ul style="list-style-type: none"> • Handles are designed to break open after 3 bounces of handle on water • Riders are to watch if any handle are coming around lake • Customers required to watch Safety Video

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				<ul style="list-style-type: none"> Constant lake observation by Cable Lake Operator
Rider hitting bottom of lake	Possible (C)	Moderate (3)	9	<ul style="list-style-type: none"> Depth of lake is deep enough that anyone doing obstacles should not hit the ground when wearing type 3 PFD Staff members monitor this
Ridder hitting an anchor	Unlikely (D)	Moderate (3)	6	<ul style="list-style-type: none"> All anchors are located straight under obstacle or are marked by float Riders hitting obstacles can't hit these Anchors deep enough that with approved PFD Riders can't get that deep
Rider slipping on exit ramp	Possible (C)	Minor (2)	6	<ul style="list-style-type: none"> Riders are told to take care when exiting Non-slip plastic ramps in water
Cable getting hit by lightning while riders are on	Rare (E)	Catastrophic (5)	5	<ul style="list-style-type: none"> Cable is closed in the event of Electrical storm in the area. Customer service staff check weather prediction before start and if lightning forecast staff keep eye/ear out for it As soon as it is seen/ heard cable closes straight away Wait 30 minutes from last lightning strike to re-open cable
Wind causing ropes to fling and hit downed riders	Unlikely (D)	Moderate (3)	6	<ul style="list-style-type: none"> On windy days riders are told to keep an eye out as ropes may not be directly under cable If really bad send limited riders on lake at a time to space out ropes more
Rider falling off and getting stuck under an obstacle	Rare (E)	Major (4)	4	<ul style="list-style-type: none"> All riders have to wear type 3 PFDs All obstacles have slight give in them so if rider hits it and goes under it will mover slightly Riders told to ride to ability
Rider going up obstacle on an edge and slipping out causing them to hit obstacle	Likely (B)	Moderate (3)	12	<ul style="list-style-type: none"> Riders only to go up obstacles of boards that are suitable Riders are told to ride to ability Staff will give tips when wanting to hit obstacles
In hot weather rider experiences heat exhaustion	Possible (C)	Moderate (3)	9	<ul style="list-style-type: none"> In hot weather staff keep an eye out for customers to see if they have any early signs of heat exhaustion Encouraged to drink plenty of water and stay in shade whenever possible
In cold weather rider experiences hypothermia	Possible (C)	Moderate (3)	9	<ul style="list-style-type: none"> In cold weather staff keep an eye out for customers to see if they

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				<ul style="list-style-type: none"> have any early signs of hypothermia Riders encouraged to wear wetsuits in cold weather
Boards falling off racks	Likely (B)	Minor (2)	8	<ul style="list-style-type: none"> Racks are angled slightly to make sure boards don't fall off Staff member checks equipment container regularly to make sure boards and gear are stored correctly
Equipment container gets hot during day	Likely (B)	Minor (2)	8	<ul style="list-style-type: none"> Slight gaps on side door let heat out when doors are closed Once first opened staff are encouraged to wait before entering
Slippery, trips/ falls in equipment container	Likely (B)	Minor (2)	8	<ul style="list-style-type: none"> Any excess water forming in container is swept out to reduce chances of slipping People are encouraged to wear suitable footwear to reduce chances of slips
Running into any racking	Possible (C)	Minor (2)	6	<ul style="list-style-type: none"> People are encouraged to watch where they are going when moving through the equipment container Racks are all of the same distance from wall so no protrusions stick out
While raining risk of slips on paths/ramps	Possible (C)	Moderate (3)	9	<ul style="list-style-type: none"> All people on sight are told to take extra care while moving around park as rain creates slippery surfaces
Rain causes increased risk for staff climbing tower to slip	Possible (C)	Moderate (3)	9	<ul style="list-style-type: none"> Grip tape has been added to climbing rails for extra grip in rain Only trained staff are to go up tower at any time Staff are to take extra care while climbing up
Broken or loose equipment	Unlikely (D)	Moderate (3)	6	<ul style="list-style-type: none"> Equipment check regularly to make sure no parts are loose or damaged If anything is loose, it will be fixed If anything is damaged, it will be thrown out
Equipment doors swinging open or closed in the wind	Possible (C)	Minor (2)	6	<ul style="list-style-type: none"> One door has latches to keep open in high winds with a safety bar Other doors are closed so no one can get hit
Operator slipping on dock	Possible (C)	Minor (2)	6	<ul style="list-style-type: none"> Operator is to wear correct footwear to reduce chances of slipping Matting has been put down to help reduce chances of slips

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Staff member getting hand caught in handle as send rope	Unlikely (D)	Moderate (3)	6	<ul style="list-style-type: none"> All ropes start open and only are looped when giving to a rider Operators are to take care when sending ropes All operators are well trained before aloud to operate on own
Staff member getting electrocuted	Unlikely (D)	Major (4)	8	<ul style="list-style-type: none"> Staff members keep all electronic devices away from water Touch screen is fully waterproof to reduce chance of electrocution
Staff members hands getting jammed in elevator	Unlikely (D)	Major (4)	8	<ul style="list-style-type: none"> Elevator box is covered by metal cage and Perspex so hands can't go near moving parts When loading ropes staff are to say well clear of the elevator
Rider getting hit by boat	Unlikely (D)	Moderate (3)	6	<ul style="list-style-type: none"> All Staff who drive boat are well trained Boat cannot be used while cable is in operation If needed for a rescue boat is to proceed with caution
Staff member falling off tower	Possible (C)	Moderate (3)	9	<ul style="list-style-type: none"> All staff who go on tower have to be trained and competent Walkways on tower have assistance wires to hold onto If staff member falls they are wearing an approved PFD
Staff member getting struck by cable while up on tower	Unlikely (D)	Moderate (3)	6	<ul style="list-style-type: none"> Staff members who are trained are only allowed on tower Staff have to stay well away from moving cable If cable is needed to be worked on it has to be stopped
Staff member getting body parts stuck in moving parts of cable	Rare (E)	Catastrophic (5)	5	<ul style="list-style-type: none"> Staff are not to go near moving cable at anytime If needs to be worked on cable is to be stopped Only trained staff are to work on the cable Electrical isolation / cut off switch in place to allow isolation whilst the cable is being operated.
Machinery getting started without another staff member being ready	Unlikely (D)	Catastrophic (5)	10	<ul style="list-style-type: none"> Staff that are working together have to have great communication before starting Staff are encouraged to double and triple announce that cable is starting if other member is anywhere near cable If staff member is atop of tower there is a safety switch so only they have control

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Rider getting caught in rope during water start	Possible (C)	Moderate (3)	9	<ul style="list-style-type: none"> Riders are told that no water starts are allowed Operators are not to water start any rider If any rider attempts to water start cable is stopped immediately
Something getting dropped off tower	Possible (C)	Moderate (3)	9	<ul style="list-style-type: none"> No person is to go under cable when getting worked on Staff are trained to be careful with anything being handled on top of the tower Maintenance happens outside hours
Tools getting left on top of tower	Possible (C)	Moderate (3)	9	<ul style="list-style-type: none"> Before heading down off tower staff are to make sure all equipment is put away