

Jersey Wharf - Canal Wall Risk Assessment (Planning Condition 6)

Risk Register 12-May-23 10:54

Risk Identification				Pre-mitigation			Management Actions		Post-mitigation		
Risk Number	Title / Description	Cause	Risk Owner	Likelihood	Risk	Assessment	Mitigation Actions Planned	Action Owner (Lead + Contributors)	Likelihood	Risk	Assessment
RS001	Canal Wall leak	Works affecting the structural integrity of the canal wall causing a leak.	Contractor	4	4	16	C&RT specified puddle clay to be kept on site and adjacent to any works in proximity to the canal edge, if the works does affect the canal bank the puddle clay can be used to fill in and stop any leaks.		4	2	8
RS002	Operatives falling into the canal	Operatives not aware of their surroundings or conducting works adjacent to the canal edge and slips/trips cause operatives to fall into the canal	Contractor	3	3	9	Barriers will be placed adjacent to the canal edge, lifebuoys will be located at strategic locations along the canal edge. All operatives will have to undergo a site induction that will specify safe methods of working and all areas are to be kept in a safe and clean manner to minimise slips/trips as well as the locations of the lifebuoys.		1	3	3
RS003	Material falling into canal	Material might not be handled/secured correctly, causing it to fall into the canal	Contractor	3	3	9	Barriers will be placed adjacent to the canal edge, all operatives will have to undergo a site induction that will specify safe methods of working as well as highlight storage areas for materials and all areas are to be kept in a safe and clean manner.		1	3	3
RS004	Contamination of a canal	Contaminants could fall into the canal	Contractor	3	4	12	Barriers will be placed adjacent to the canal edge, all operatives will have to undergo a site induction that will specify safe methods of working as well as highlighting how to handle hazardous material on site.		1	4	4
RS005	Electrocution	Electrical equipment used adjacent to the canal edge could come into contact with water and electrocute the user	Contractor	2	5	10	Electrical Equipment is to be used by authorised personnel only and be supervised. Electrical equipment is not to be left in proximity to the canal when not in use and stored correctly. All Electrical equipment to be inspected prior to use.		1	4	4
RS006	Extreme weather	Extreme weather such as heavy rainfall can raise the water level of the canal increasing the risk of flooding/leaking, or heavy winds can cause equipment/material to be blown away/damaged.	Contractor	3	3	9	Check the weather forecasts ahead of schedule and disseminate to operatives to prepare for worst-case scenarios. C&RT specified puddle clay to be kept on site in case of leaks. All equipment and materials to be stored in a safe and clean manner when not in use. If the weather looks unsafe for work the contractor will assess the situation an put in place an appropriate mitigation measure. In the case of high water levels in the canal, the contractor will work with C&RT to reduce the level by opening the locks if deemed suitable by C&RT.		3	1	3

Risk Identification				Pre-mitigation			Management Actions		Post-mitigation		
Risk Number	Title / Description	Cause	Risk Owner	Likelihood	Risk	Assessment	Mitigation Actions Planned	Action Owner (Lead + Contributors)	Likelihood	Risk	Assessment
RS007	Removal of Vegetation	Removal of vegetation and trees could cause leaks as roots may be penetrating the canal wall.	Contractor	4	4	16	C&RT specified puddle clay to be kept on site and adjacent to any works in proximity to the canal edge, if the works do affect the canal bank, the puddle clay can be used to fill in and stop any leaks. Root balls are to be removed in a cautious manner to identify canal wall penetrations to ensure appropriate reactionary measures can be enacted efficiently.		4	2	8
RS008	Excavation	Excavation could cause the structure of the canal bank to weaken and possibly collapse.	Contractor	4	5	20	Any possible excavation adjacent to the canal wall will be carefully detailed and planned, using appropriate measures as necessary if required e.g. sheet piles. C&RT specific puddle clay will be kept on site and adjacent to any works in proximity to the canal edge and can be used to fill in and stop any leaks.		3	2	6
RS009	Mast Climber	Material could fall and land in canal	Contractor	3	3	9	Operatives will undergo a site induction to specify safe methods of working as well as handling of material. Mast climbers will be fit with netting to prevent any materials falling into the canal.		1	3	3
RS010	Cranes	When erecting the cranes near the canal, loads might be transferred over onto the canal wall, possibly impacting the integrity of the wall.	Contractor	2	5	10	The placement of the cranes will be carefully detailed and planned in order to exert no load onto the canal wall. Placement of the cranes will be agreed with Canals and Rivers trust at the appropriate time.		1	5	5
RS011	Piling	Piles could transfer load onto the canal wall, possibly impacting the integrity of the wall.	Contractor	2	5	10	The placement of the piles have been designed and detailed to place no load onto the canal wall. In the detailed design stage the contractor will carry on this method to ensure no load is transferred onto the canal wall.		1	5	5
RS012											0
RS013											0
RS014											0
RS015											0
RS016											0
RS017											
RS018											
RS019											
RS020											
RS021											
RS022											
RS023											
RS024											

Risk Identification				Pre-mitigation			Management Actions		Post-mitigation		
Risk Number	Title / Description	Cause	Risk Owner	Likelihood	Risk	Assessment	Mitigation Actions Planned	Action Owner (Lead + Contributors)	Likelihood	Risk	Assessment
RS025											
RS026											
RS027											
RS028											
RS029											
RS030											
RS031											
RS032											
RS033											