

Risk Supporting Statement: CR11

Risk Owner: Director of Built Environment

Risk	Dam failure at Hampstead Heath resulting in loss of life and damage to property and infrastructure Links to: Strategic Aim SA3 and Key Policy Priority KPP4	Current Risk	R
		Likelihood	Impact
		Unlikely	Extreme

Detail	<p>There are two chains of ponds at Hampstead Heath. Three of the ponds are "large raised reservoirs" under the Reservoirs Act 1975 and are categorised as "A" because in the event of breach they would pose a risk to the community downstream. They are therefore supervised by a Panel Engineer under the provisions of the Reservoirs Act. Amendments to the Reservoirs Act by the Flood & Water Management Act 2010 are expected to bring the entire chain of ponds into the category of "high risk". A number of hydrological studies have indicated that there is insufficient spillway capacity and that in a flood event this could result in overtopping which could result in dam erosion and breach. The Ponds Project was initiated in July 2011 to resolve this risk. The City has also undertaken other interim mitigation measures (telemetry, weather monitoring and an on-site plan) but these fall short of the ultimate mitigation of the Ponds Project as they do not address dam breach which could arise from overtopping.</p>
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<p><u>Issues</u></p> <ul style="list-style-type: none"> * Legal challenge results in delays to the project * Planning application determination period extended. Any delay in determination beyond October would delay the project until after summer 2015. * Cost increases 	<p><u>Controls</u></p> <ul style="list-style-type: none"> * Planning permission sought and Planning Performance Agreements signed - this includes an independent review by a Panel Engineer (<i>Director of Built Environment</i>) * Planning Performance Agreements in place with LB Camden (<i>Director of Built Environment</i>) * Budget controlled by the Project Boart (<i>Director of the Built Environment</i>)
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* Landownership issues delay the project

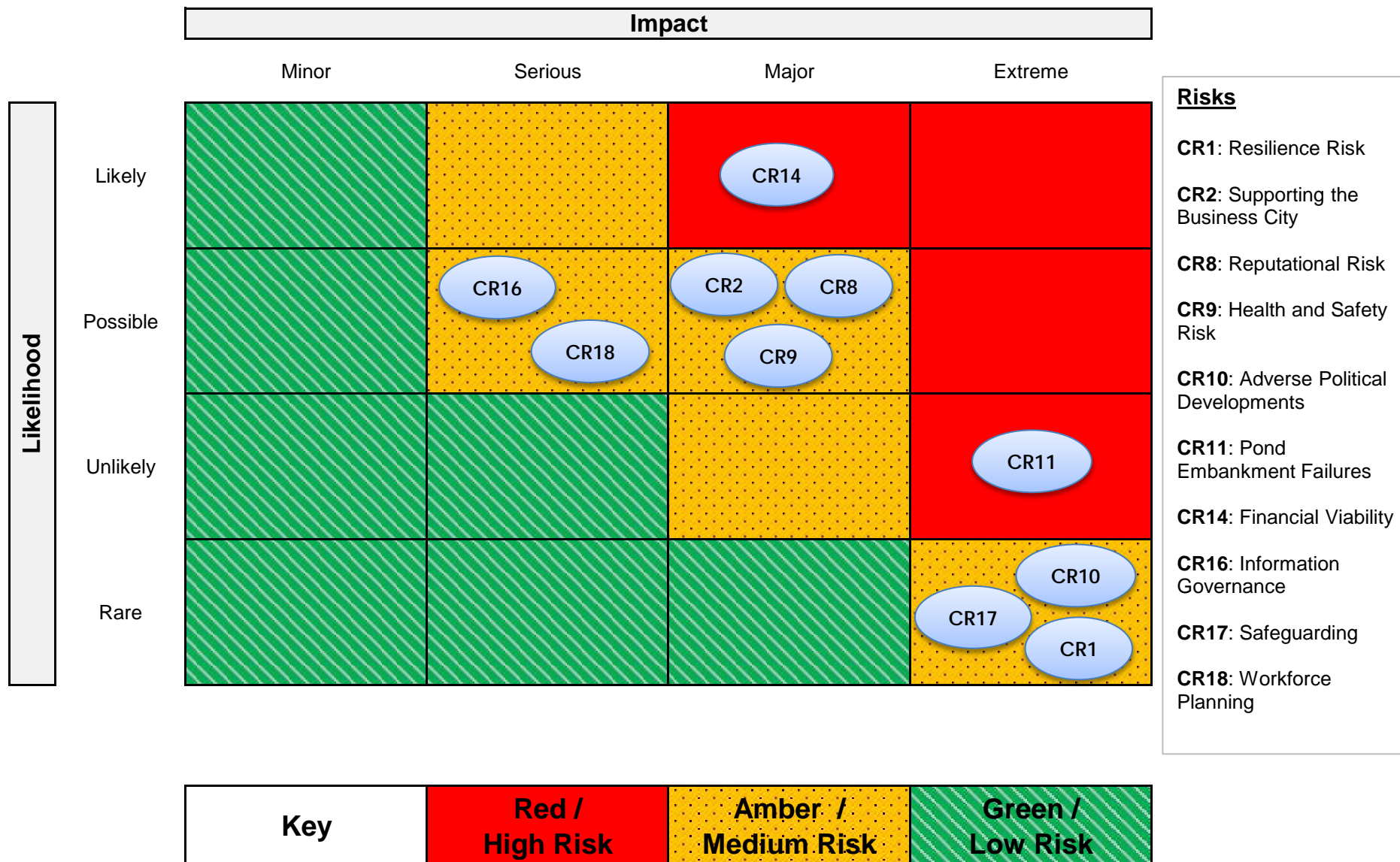
* Communication with landowners affected (*City Surveyor*)

Summary

Due to the need to prevent dam breach which arises from insufficient spillway capacity, this risk can only be mitigated by the completion of the Ponds Project. It is worth noting that the City owns a number of other water bodies, some of which are currently categorised as "large raised reservoirs" while others maybe brought into the inspection and safety regime of the 1975 Act by the 2010 Act. The appropriate supervision of these water bodies is monitored as a business risk, for which the Director of Open Spaces is responsible.

Target Risk	A
Likelihood	Impact
Rare	Extreme

Corporate Risk Profile



Guidance Notes

Risk Register Headings	Description
Risk No.	Unique reference for the risk.
Risk Details	Description of the risk.
Risk Owner	Officer responsible for the overall management of specific risks
Control Owner	Officer responsible for coordinating the activity to control the risk
Existing Controls	Controls in place to mitigate the risk.
Current Risk	The assessed level of risk taking in to account the existing controls.
Target Risk	The level at which the risk will be deemed as acceptable.
Risk Status	Overall status of Red, Amber or Green calculated in accordance with the assessment of Likelihood and Impact, having applied the risk assessment matrix.
Direction	An indicator to highlight the change in Current Risk since last reported
Planned Action	Details of further action required to mitigate the risk to an acceptable level.

Ratings	Risk Status
R	High risk, requiring regular monitoring and deployment of robust control measures.
A	Medium risk, requiring at least quarterly monitoring, further mitigation should be considered.
G	Low risk, less frequent monitoring, consideration may be given to applying less stringent control measures for efficiency gains.

Guidance Notes

Likelihood Scores	Brief Description
1 Rare	Robust mitigating controls in place, the risk may occur only in exceptional circumstances, (e.g. not likely to occur within a 10 year period or no more than once across the current portfolio of projects).
2 Unlikely	Adequate mitigating controls in place, the risk may occur in remote circumstances (e.g. risk may occur once within a 7-10 year period or once across a range of similar projects).
3 Possible	Reasonable mitigating controls in place, but may still require improvement. External factors may result in an inability to influence likelihood of occurrence (e.g. risk event could occur at least once over a 4-6 year period or several times across the current portfolio of projects).
4 Likely	Mitigating controls are inadequate to prevent risk from occurring, the risk may have occurred in the past (e.g. risk event could occur at least once over a 2-3 year period or several times across a range of similar projects).

Impact Scores	Brief Description
1 Minor	Isolated service user/stakeholder complaints, Minor incident or failure to achieve team plan objectives
2 Serious	Adverse local media coverage/multiple service user/stakeholder complaints, Significant injury or failure to achieve service plan objectives
4 Major	Adverse national media coverage 1-3 days, Major injury or failure to achieve strategic plan objective
8 Extreme	National publicity more than 3 days, Fatality or life threatening illness / disease, failure to achieve a major corporate objective

	Rare	Unlikely	Possible	Likely
	1	2	3	4
Criteria	Less than 10%	10 – 40%	40 – 75%	More than 75%
Probability	Has happened rarely/never before	Unlikely to occur	Fairly likely to occur	More likely to occur than not
Time period	Unlikely to occur in a 10 year period	Likely to occur within a 10 year period	Likely to occur once within a one year period	Likely to occur once within three months
Numerical	Less than one chance in a hundred thousand (<10-5)	Less than one chance in ten thousand (<10-4)	Less than one chance in a thousand (<10-3)	Less than one chance in a hundred (<10-2)

	Minor	Serious	Major	Extreme
	1	2	4	8
Service Delivery / Performance	Minor impact on service, typically up to 1 Day	Service Disruption 2-5 Days	Service Disruption > 1 week to 4 weeks	Service Disruption > 4 weeks
Financial	Financial loss up to 5% of Budget	Financial loss up to 10% of Budget	Financial loss up to 20% of Budget	Financial loss up to 35% of Budget
Reputation	Isolated service user/stakeholder complaints contained within business	Adverse local media coverage/multiple service user/stakeholder	Adverse national media coverage 1-3 days	National publicity more than 3 days. Possible resignation of leading Member or
Legal / Statutory	Litigation claim or fine less than £5,000	Litigation claim or fine between £5,000 and £50,000	Litigation claim or fine between £50,000 and £500,000	Multiple civil or criminal suits. Litigation claim or fine in excess of £500,000

Safety / Health	Minor incident including injury to one or more individuals	Significant Injury or illness causing short term disability to one or more person	Major injury or illness/disease causing long term disability to one or more person	Fatality or life threatening illness / disease (e.g. Mesothelioma) to one or more
Objectives	Failure to achieve Team plan objectives	Failure to achieve one or more service plan objective	Failure to achieve a Strategic plan objective	Failure to achieve a major corporate objective