

Table U-39.
Mallard Duck Tier 1 Risk Description Summary

CPEC ¹	Study Areas									
	ASP	P13	P18	PA5	RCF	NDR ²	ADR ²	BDR ²	UCD ²	LCD ²
Arsenic	NHQ < 1	NHQ < 1	NHQ < 1	NHQ < 1	NHQ < 1	NHQ < 1	NHQ < 1	NHQ < 1	NHQ < 1	NHQ < 1
Barium	NHQ < 1	NHQ < 1	NHQ < 1	PRA	PRA	LHQ	NHQ < 1	NHQ < 1	NHQ < 1	NHQ < 1
Cadmium	NHQ < 1	NHQ < 1	LHQ	LHQ	NHQ < 1	LHQ	NHQ < 1	NHQ < 1	NHQ < 1	NHQ < 1
Chromium	PRA	NHQ < 1	NHQ < 1	NHQ < 1	NHQ < 1	NC	LHQ	NC	NC	NC
Copper	LHQ	NHQ < 1	NHQ < 1	NHQ < 1	NHQ < 1	NHQ < 1				
Manganese	LHQ	NHQ < 1	NHQ < 1	NHQ < 1	NHQ < 1	NHQ < 1				
Mercury	PRA	NHQ < 1	NHQ < 1	NHQ < 1	NHQ < 1	NHQ < 1				
Molybdenum	LHQ	NHQ < 1	NHQ < 1	NHQ < 1	NHQ < 1	NHQ < 1				
Selenium	PRA	LHQ	PRA	LHQ	BKG	NC	LHQ	NHQ < 1	BKG	BKG
Tin	NHQ < 1	NHQ < 1	NHQ < 1	NHQ < 1	NHQ < 1	LHQ	LHQ	LHQ	LHQ	LHQ
Vanadium	PRA	NHQ < 1	NHQ < 1	NHQ < 1	NHQ < 1	NHQ < 1				
Zinc	LHQ	NHQ < 1	NHQ < 1	NHQ < 1	NHQ < 1	NHQ < 1				
Total Avian TEQ	NHQ < 1	NHQ < 1	NHQ < 1	NHQ < 1	LHQ	NHQ < 1				
Total PCBs	NHQ < 1	NHQ < 1	NHQ < 1	NHQ < 1	LHQ	NHQ < 1				
Total Avian PCB TEQ	NHQ < 1	NHQ < 1	NHQ < 1	NHQ < 1	LHQ	NHQ < 1				

Notes:

NHQ < 1 = NOAEL/Low TRV-based HQ < 1; risk is considered de minimis
 LHQ = NOAEL/Low TRV-based HQ > 1, but LOAEL/High TRV-based HQ < 1; risk is considered not unacceptable
 BKG = HQ > 1, but Study Area risks were equal to or less than background risks; CPEC is not considered a risk driver
 PRA = LOAEL/High TRV-based HQ > 1 and > background, but Study Area is considered to have a presumptive remedy;
 CPEC is not considered a risk driver
 NC = Drainage is not connected to the site; see footnote 2 below.
 Highlighted Study Areas are considered to have presumptive remedies.
¹ Only CPECs with HQs > 1 are presented in this table.
² Offsite drainages are not connected to the site and risks are not site-related.

Study Areas:

ASP = A-Series Pond
 P13 = Pond 13
 P18 = Pond 18
 PA5 = Pond A-5
 RCF = RCF Pond
 NDR = North Drainage
 ADR = A Drainage
 BDR = B Drainage
 UCD = Upper C Drainage
 LCD = Lower C Drainage