

Table U-31.
Ornate Shrew Tier 1 Risk Description Summary

CPEC ¹	Study Areas														
	ADB	BTA	CDA	FPP	LQT	MSA	ROS	RCRA	RWA	WCS	ASP	P13	P18	PA5	RCF
Barium	NHQ < 1	NHQ < 1	NHQ < 1	NHQ < 1	NHQ < 1	NHQ < 1	NHQ < 1	RD	NHQ < 1	PRA	NHQ < 1				
Cadmium	LHQ; BKG	LHQ; BKG	LHQ; BKG	LHQ; BKG	PRA	PRA	LHQ; BKG	RD	LHQ; BKG	RD	PRA	PRA	PRA	PRA	LHQ; BKG
Chromium	LHQ; BKG	LHQ; BKG	LHQ; BKG	LHQ; BKG	LHQ; BKG	PRA	LHQ; BKG	RD	RD	RD	LHQ; BKG	LHQ; BKG	LHQ; BKG	LHQ	LHQ; BKG
Copper	NHQ < 1	NHQ < 1	LHQ	NHQ < 1	LHQ	PRA	NHQ < 1	RD	RD	RD	LHQ	NHQ < 1	LHQ	PRA	NHQ < 1
Lead	NHQ < 1	NHQ < 1	NHQ < 1	NHQ < 1	NHQ < 1	PRA	NHQ < 1	LHQ	LHQ	NHQ < 1					
Molybdenum	NHQ < 1	LHQ; BKG	LHQ; BKG	LHQ; BKG	LHQ; BKG	NHQ < 1	LHQ; BKG	NHQ < 1	LHQ; BKG	LHQ; BKG	LHQ	NHQ < 1	LHQ; BKG	LHQ	LHQ; BKG
Nickel	NHQ < 1	NHQ < 1	NHQ < 1	NHQ < 1	NHQ < 1	NHQ < 1	NHQ < 1	LHQ; BKG	NHQ < 1	LHQ	LHQ	LHQ; BKG	PRA	PRA	NHQ < 1
Selenium	LHQ; BKG	LHQ; BKG	LHQ; BKG	LHQ; BKG	LHQ; BKG	NHQ < 1	LHQ; BKG	LHQ; BKG	LHQ; BKG	LHQ; BKG	PRA	LHQ	PRA	PRA	LHQ; BKG
Zinc	LHQ; BKG	LHQ; BKG	LHQ; BKG	LHQ; BKG	PRA	PRA	LHQ; BKG	RD	LHQ; BKG	RD	LHQ; BKG				
Dioxin TEQ (and Total TEQ)	NHQ < 1	LHQ; BKG	PRA	LHQ; BKG	LHQ; BKG	PRA	NHQ < 1	LHQ; BKG	LHQ; BKG	LHQ; BKG	NHQ < 1	NHQ < 1	LHQ; BKG	NHQ < 1	NHQ < 1
MCPA	NHQ < 1	NHQ < 1	NHQ < 1	NHQ < 1	LHQ	NHQ < 1	LHQ	NHQ < 1							
MCPP	NHQ < 1	NHQ < 1	LHQ	NHQ < 1	PRA	NHQ < 1	NHQ < 1	LHQ	NHQ < 1						
Aroclor 1260	NHQ < 1	NHQ < 1	LHQ	NHQ < 1	NHQ < 1	LHQ	LHQ	NHQ < 1	RD	NHQ < 1					
Total PCBs	NHQ < 1	NHQ < 1	NHQ < 1	RD	NHQ < 1	NHQ < 1	NHQ < 1	NHQ < 1	NHQ < 1	NHQ < 1	NHQ < 1	NHQ < 1	NHQ < 1	NHQ < 1	NHQ < 1
PCB TEQ	NHQ < 1	NHQ < 1	LHQ	LHQ	NHQ < 1	NHQ < 1	NHQ < 1	LHQ	NHQ < 1	LHQ	NHQ < 1				
DDE	NHQ < 1	NHQ < 1	NHQ < 1	NHQ < 1	NHQ < 1	NHQ < 1	LHQ	NHQ < 1							
DDT (and Total DDT)	NHQ < 1	NHQ < 1	NHQ < 1	NHQ < 1	PRA	LHQ	LHQ	NHQ < 1	LHQ	NHQ < 1					
Hexachlorobenzene	NHQ < 1	NHQ < 1	LHQ	NHQ < 1	PRA	NHQ < 1	NHQ < 1	NHQ < 1	NHQ < 1	NHQ < 1	NHQ < 1	NHQ < 1	NHQ < 1	NHQ < 1	NHQ < 1
PCE	NHQ < 1	NHQ < 1	NHQ < 1	LHQ	NHQ < 1	NHQ < 1	NHQ < 1	NHQ < 1	NHQ < 1	NHQ < 1	NHQ < 1	NHQ < 1	NHQ < 1	NHQ < 1	NHQ < 1
TCE	NHQ < 1	LHQ	NHQ < 1	NHQ < 1	NHQ < 1	NHQ < 1	NHQ < 1	NHQ < 1	NHQ < 1	NHQ < 1	NHQ < 1	NHQ < 1	NHQ < 1	NHQ < 1	NHQ < 1
Mirex	NHQ < 1	NHQ < 1	PRA	NHQ < 1	PRA	NHQ < 1	NHQ < 1	NHQ < 1	NHQ < 1	NHQ < 1	NHQ < 1	NHQ < 1	NHQ < 1	NHQ < 1	NHQ < 1
Endrin	NHQ < 1	NHQ < 1	PRA	NHQ < 1	NHQ < 1	NHQ < 1	NHQ < 1	NHQ < 1	NHQ < 1	NHQ < 1	NHQ < 1	NHQ < 1	NHQ < 1	NHQ < 1	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

RD = NOAEL/Low TRV-based HQ > 10 or LOAEL/High TRV-based HQ > 1, > background, and no presumptive remedy; CPEC is considered a Tier 1 Risk Driver and retained for further evaluation

Highlighted Study Areas are considered to have presumptive remedies.

¹ Only CPECs with HQs > 1 are presented in this table.

Study Areas:

ADB = Administration Building Area

BTA = Burial Trench Area

CDA = Central Drainage Area

FPP = Former Ponds and Pads Area

LQT = Liquid Treatment Area

MSA = Maintenance Shed Area

ROS = Remaining Onsite Areas

RCRA = RCRA Canyon Area

RWA = Roadway Areas

WCS = West Canyon Spray Area

ASP = A-Series Pond

P13 = Pond 13

P18 = Pond 18

PA5 = Pond A-5

RCF = RCF Pond