

Table U-26.  
Soil Invertebrate Tier 1 Risk Description Summary

CPEC <sup>1</sup>	Study Areas														
	ADB	BTA	CDA	FPP	LQT	MSA	ROS	RCRA	RWA	WCS	ASP	P13	P18	PA5	RCF
Barium	HQ < 1	HQ < 1	PRA	<b>RD</b>	HQ < 1	PRA	HQ < 1	<b>RD</b>	HQ < 1	HQ < 1	HQ < 1	HQ < 1	HQ < 1	PRA	PRA
Chromium	BKG	BKG	BKG	BKG	BKG	PRA	BKG	<b>RD</b>	<b>RD</b>	<b>RD</b>	BKG	BKG	PRA	PRA	BKG
Cobalt	HQ < 1	HQ < 1	HQ < 1	HQ < 1	HQ < 1	HQ < 1	HQ < 1	HQ < 1	HQ < 1	TOX	HQ < 1				
Copper	HQ < 1	HQ < 1	HQ < 1	HQ < 1	HQ < 1	PRA	HQ < 1	<b>RD</b>	HQ < 1	<b>RD</b>	HQ < 1				
Total cyanide	HQ < 1	HQ < 1	HQ < 1	HQ < 1	PRA	HQ < 1	HQ < 1	HQ < 1	HQ < 1	HQ < 1	HQ < 1	HQ < 1	HQ < 1	HQ < 1	HQ < 1
Manganese	HAB <sup>2</sup>	HQ < 1	HQ < 1	HQ < 1	HQ < 1	HQ < 1	HQ < 1	HQ < 1	HQ < 1	HQ < 1	HQ < 1	HQ < 1	HQ < 1	HQ < 1	HQ < 1
Mercury	HQ < 1	HQ < 1	PRA	HQ < 1	HQ < 1	HQ < 1	HQ < 1	HQ < 1	HQ < 1	HQ < 1	HQ < 1	HQ < 1	HQ < 1	HQ < 1	HQ < 1
Tin	HQ < 1	HQ < 1	HQ < 1	HQ < 1	HQ < 1	HQ < 1	HQ < 1	BKG	BKG	BKG	HQ < 1	BKG	BKG	HQ < 1	HQ < 1
Vanadium	BKG	BKG	BKG	BKG	BKG	BKG	BKG	BKG	BKG	BKG	HQ < 1				
Zinc	HQ < 1	HQ < 1	HQ < 1	HQ < 1	HQ < 1	BKG	HQ < 1	<b>RD</b>	HQ < 1	<b>RD</b>	HQ < 1	HQ < 1	HQ < 1	BKG	HQ < 1
Aroclor1260	HQ < 1	HQ < 1	HQ < 1	HQ < 1	HQ < 1	HQ < 1	HQ < 1	HQ < 1	TOX	HQ < 1	HQ < 1	HQ < 1	HQ < 1	HQ < 1	HQ < 1
Total PCBs	HQ < 1	HQ < 1	HQ < 1	TOX	HQ < 1	HQ < 1	HQ < 1	HQ < 1	HQ < 1	HQ < 1	HQ < 1	HQ < 1	HQ < 1	HQ < 1	HQ < 1
DDT (an Total DDT)	HQ < 1	HQ < 1	HQ < 1	HQ < 1	PRA	HQ < 1	HQ < 1	HQ < 1	HQ < 1	HQ < 1	HQ < 1	HQ < 1	HQ < 1	HQ < 1	HQ < 1
Hexachlorobenzene	HQ < 1	HQ < 1	HQ < 1	HQ < 1	PRA	HQ < 1	HQ < 1	HQ < 1	HQ < 1	HQ < 1	HQ < 1	HQ < 1	HQ < 1	HQ < 1	HQ < 1
PCE	HQ < 1	PRA	PRA	HQ < 1	HQ < 1	HQ < 1	HQ < 1	HQ < 1	HQ < 1	HQ < 1	HQ < 1	HQ < 1	HQ < 1	HQ < 1	HQ < 1
TCE	HQ < 1	PRA	PRA; TOX	TOX	HQ < 1	HQ < 1	HQ < 1	HQ < 1	HQ < 1	HQ < 1	HQ < 1	HQ < 1	HQ < 1	HQ < 1	HQ < 1

**Notes:**

HQ < 1 = Screening Benchmark HQ < 1; risk is considered *de minimis*

BKG = HQ > 1, but Study Area risks were equal to or less than background risks; CPEC is not considered a risk driver

HAB = HQ > 1, but Study Area has little, if any, habitat and thus, limited or incomplete exposure pathways; CPEC is not considered a risk driver

PRA = HQ > 1 and > background, but Study Area is considered to have a presumptive remedy; CPEC is not considered a risk driver

TOX = Low magnitude HQ (1 < HQ < 2) and toxicity value is uncertain; CPEC is not considered a risk driver

**RD** = 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.

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

<sup>2</sup> The Administration Building Area consists of the Administration Building and some paved areas surrounded by graveled areas. Therefore, exposure pathways at this site are considered to be incomplete.

**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