

Table U-34.  
Western Meadowlark (Invertivore) 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	NHQ < 1	NHQ < 1	LHQ	<b>RD</b>	NHQ < 1	LHQ	NHQ < 1	<b>RD</b>	NHQ < 1	NHQ < 1	NHQ < 1	NHQ < 1	NHQ < 1	PRA	PRA
Cadmium	LHQ; BKG	LHQ; BKG	LHQ; BKG	LHQ; BKG	PRA	PRA	LHQ; BKG	<b>RD</b>	LHQ; BKG	<b>RD</b>	PRA	PRA	PRA	PRA	LHQ; BKG
Chromium	BKG	BKG	BKG	BKG	BKG	PRA	BKG	<b>RD</b>	<b>RD</b>	<b>RD</b>	BKG	BKG	BKG	PRA	PRA
Copper	NHQ < 1	NHQ < 1	LHQ	NHQ < 1	LHQ	PRA	NHQ < 1	<b>RD</b>	<b>RD</b>	<b>RD</b>	LHQ	NHQ < 1	LHQ	LHQ	LHQ
Total Cyanide	NHQ < 1	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
Lead	NHQ < 1	LHQ; BKG	LHQ	LHQ	LHQ	PRA	LHQ; BKG	<b>RD</b>	<b>RD</b>	<b>RD</b>	LHQ; BKG	LHQ; BKG	LHQ; BKG	NHQ < 1	LHQ; BKG
Mercury	LHQ; BKG	LHQ; BKG	LHQ	LHQ; BKG	LHQ	LHQ	LHQ; BKG	LHQ; BKG	LHQ; BKG	LHQ	LHQ	LHQ	LHQ	NHQ < 1	LHQ
Selenium	LHQ; BKG	LHQ; BKG	LHQ; BKG	LHQ; BKG	LHQ; BKG	NHQ < 1	LHQ; BKG	LHQ; BKG	LHQ; BKG	LHQ; BKG	PRA	LHQ; BKG	PRA	PRA	LHQ; BKG
Vanadium	BKG	BKG	BKG	BKG	BKG	BKG	BKG	BKG	BKG	BKG	NHQ < 1				
Zinc	LHQ; BKG	LHQ; BKG	LHQ; BKG	LHQ; BKG	LHQ; BKG	LHQ; BKG	LHQ; BKG	<b>RD</b>	LHQ; BKG	<b>RD</b>	LHQ; BKG				
Dioxin TEQ (and Total TEQ)	NHQ < 1	NHQ < 1	PRA	LHQ	NHQ < 1	LHQ	NHQ < 1	NHQ < 1	LHQ	NHQ < 1	NHQ < 1	NHQ < 1	NHQ < 1	NHQ < 1	NHQ < 1
MCP	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
Aroclor 1260	NHQ < 1	NHQ < 1	LHQ	NHQ < 1	NHQ < 1	LHQ	LHQ	NHQ < 1	<b>RD</b>	NHQ < 1	NHQ < 1	NHQ < 1	NHQ < 1	NHQ < 1	NHQ < 1
Total PCBs	NHQ < 1	NHQ < 1	LHQ	<b>RD</b>	NHQ < 1	NHQ < 1	NHQ < 1	NHQ < 1	LHQ	NHQ < 1	NHQ < 1	NHQ < 1	NHQ < 1	NHQ < 1	LHQ
PCB TEQ	NHQ < 1	NHQ < 1	LHQ	LHQ	NHQ < 1	NHQ < 1	NHQ < 1	NHQ < 1	LHQ	NHQ < 1	NHQ < 1	NHQ < 1	NHQ < 1	NHQ < 1	NHQ < 1
DDT (and Total DDT)	NHQ < 1	NHQ < 1	LHQ	NHQ < 1	PRA	LHQ	LHQ	NHQ < 1	NHQ < 1	NHQ < 1	NHQ < 1	NHQ < 1	NHQ < 1	NHQ < 1	NHQ < 1
Hexachlorobenzene	NHQ < 1	NHQ < 1	LHQ	NHQ < 1	LHQ	NHQ < 1	NHQ < 1	NHQ < 1	NHQ < 1	NHQ < 1	NHQ < 1	NHQ < 1	NHQ < 1	NHQ < 1	NHQ < 1
Bis(2-ethylhexyl)phthalate	NHQ < 1	NHQ < 1	PRA	NHQ < 1	LHQ	NHQ < 1	NHQ < 1	NHQ < 1	LHQ	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.  
<sup>1</sup> 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