

Figure U-49
Western Meadowlark (Invertivore) Risk Summary
Based on Site-Specific Data

Study Area	Western Meadowlark ¹													
	ADB	ADB	FPP	FPP	ROS	ROS	RCRA	RCRA	RWA	RWA	WCS	WCS	BKG	BKG
CPEC	Low HQ	High HQ	Low HQ	High HQ	Low HQ	High HQ	Low HQ	High HQ	Low HQ	High HQ	Low HQ	High HQ	Low HQ	High HQ
Inorganics														
Barium	<1	<1	<1	2	<1	<1	11	23	<1	<1	<1	<1	<1	<1
Cadmium	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Chromium	<1	<1	<1	<1	<1	<1	2	2	2	2	8	8	<1	<1
Copper	<1	2	<1	2	<1	2	3	10	3	8	18	54	<1	2
Lead	<1	<1	<1	<1	<1	<1	<1	<1	<1	1	<1	<1	<1	<1
Molybdenum	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	1
Selenium	<1	2	<1	2	<1	2	<1	2	<1	2	<1	2	<1	4
Vanadium	2	3	1	3	2	3	2	3	2	3	2	3	4	9
Zinc	<1	3	<1	3	<1	3	2	15	<1	4	1	13	<1	5
PCBs														
Aroclor 1260	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	
Sum of PCB Congeners	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	
Total Avian PCB TEQ	<1	<1	<1	6	<1	<1	<1	<1	<1	2	<1	<1	<1	
Pesticides														
Total DDT	<1	<1	<1	<1	<1	2	<1	<1	<1	1	<1	<1	<1	

Notes:

Not evaluated
Low or High HQ = 1
High HQ > 1
Low HQ > 1
Low HQ > 10

CPEC = Constituent of Potential Ecological Concern
 HQ = Hazard Quotient
 NOAEL = No Observed Adverse Effect Level
 LOAEL = Lowest Observed Effect Level
 Low HQ is based on LOAEL TRV; High HQ is based on NOAEL TRV.
¹ Assumes 100% invertebrate diet

Study Areas:

ADB = Administration Building Area
 FPP = Former Ponds and Pads
 ROS = Remaining On-site Areas
 RCRA = RCRA Canyon
 RWA = Roadway Areas
 WCS = West Canyon Spray Area
 BKG = Background