

Table (Insert #): Receptors with Risks Above DEQ’s Acceptable Levels^(a)
Human Health Risk Assessment Report (Insert Date)

Contaminated Media (below)	Exposure Areas (right)	Railyard	Park	Residential Area and City ROWs	River Slough
Surface Soil ^(b)		<ul style="list-style-type: none"> ■ Residential^(e) ■ Industrial Worker ■ Construction Worker ■ Leaching to Groundwater 	<ul style="list-style-type: none"> ■ Residential ■ Industrial Worker ■ Construction Worker ■ Leaching to Groundwater 	<ul style="list-style-type: none"> ■ Residential ■ Leaching to Groundwater 	---
Subsurface Soil ^(c)		<ul style="list-style-type: none"> ■ Construction Worker ■ Leaching to Groundwater 	---	<ul style="list-style-type: none"> ■ Construction Worker ■ Leaching to Groundwater 	---
Sediment ^(d)		---	---	---	■ Child Recreational User
Groundwater		<ul style="list-style-type: none"> ■ DEQ-7 ■ RSLs ■ 2018 RBSLs 	<ul style="list-style-type: none"> ■ DEQ-7 ■ RSLs ■ 2018 RBSLs 	<ul style="list-style-type: none"> ■ DEQ-7 ■ RSLs ■ 2018 RBSLs 	---
Surface Water		---	---	---	■ DEQ-7
Free Product		■ Present	■ Intermittently Present	■ Intermittently Present	■ Entrained in Deep Sediment
Ecological Risk Assessment					
Contaminated Media (below)	Exposure Areas (right)	Railyard	Park	Residential Area and City ROWs	River Slough
Surface Water		---	---	---	■1,2
Sediment		---	---	---	■1,2

Notes:

This table shows the receptors with risks above the DEQ levels outlined in the RA Report.

(a) DEQ’s acceptable level of 1E-5 for cancer risks and hazard index of 1 for non-cancer hazards.

(b) Surface soil is defined as soils collected between 0 and 2 feet below ground surface (bgs).

(c) Subsurface soil is defined as soils collected between 2 feet bgs and the groundwater table.

(d) Sediment samples were collected at depths less than 2 feet bgs.

(e) The current use of the Railyard is commercial/industrial; therefore, Residential risks were not calculated for this exposure area in the Risk Assessment, but this receptor is included as a potential future use.

1 = Pesticides and mercury > DEQ-7

2 = Chemicals > Ecological Receptor SSCLs

--- Either the media is not present in the exposure area or the concentrations did not pose an unacceptable risk.

Abbreviations:

DEQ-7 = Montana Department of Environmental Quality Circular DEQ-7: Montana Numeric Water Quality Standards

RSLs = Environmental Protection Agency Regional Screening Levels

RBSLs = Montana Department of Environmental Quality Risk-based Corrective Action Risk Based Screening Levels