

TABLE 10.2.RME
 RISK SUMMARY
 REASONABLE MAXIMUM EXPOSURE
 The Dean Company

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|-------------------------------|
| Scenario Timeframe: Future |
| Receptor Population: Resident |
| Receptor Age: Child |

| Medium | Exposure Medium | Exposure Point | Chemical | Carcinogenic Risk | | | | | Non-Carcinogenic Hazard Quotient | | | | | |
|-----------------------------|-----------------|-----------------------|----------------|-------------------|------------|--------|----------------------|-----------------------|----------------------------------|-----------|------------|--------|-----------------------|--|
| | | | | Ingestion | Inhalation | Dermal | External (Radiation) | Exposure Routes Total | Primary Target Organ(s) | Ingestion | Inhalation | Dermal | Exposure Routes Total | |
| Groundwater | Groundwater | Aquifer 1 - Tap Water | Heptachlor | 7E-04 | -- | 3E-04 | -- | 1E-03 | Liver | 4 | -- | 1 | 5 | |
| | | | Manganese | -- | -- | -- | -- | -- | Central Nervous System | 40 | -- | -- | 40 | |
| | | | Chemical Total | 7E-04 | -- | 3E-04 | -- | 1E-03 | | 44 | -- | 1 | 45 | |
| | | Exposure Point Total | | | | | | 1E-03 | | | | | 45 | |
| | | Exposure Medium Total | | | | | | 1E-03 | | | | | 45 | |
| Groundwater Total | | | | | | | | 1E-03 | | | | | 45 | |
| Soil | Soil | Soil at Site 1 | 4,4'-DDE | 3E-06 | -- | -- | -- | 3E-06 | -- | -- | -- | -- | -- | |
| | | | 4,4'-DDT | 1E-05 | -- | 9E-07 | -- | 1E-05 | -- | -- | -- | -- | -- | |
| | | | Chemical Total | 1E-05 | -- | 9E-07 | -- | 1E-05 | | -- | -- | -- | -- | |
| | | Exposure Point Total | | | | | | 1E-05 | | | | | | |
| | | Soil at Site 2 | Iron | -- | -- | -- | -- | -- | Gastrointestinal | 1 | -- | -- | 1 | |
| | | | Chemical Total | -- | -- | -- | -- | -- | | 1 | -- | -- | 1 | |
| | | Exposure Point Total | | | | | | -- | | | | | 1 | |
| | | Exposure Medium Total | | | | | | 1E-05 | | | | | 1 | |
| Soil Total | | | | | | | | 1E-05 | | | | | 1 | |
| Receptor Total | | | | | | | | 1E-03 | | | | | 46 | |
| Total Risk Across All Media | | | | | | | | 1E-03 | Total Hazard Across All Media | | | | | |

The information in this example table is for illustration only. The site screening threshold was determined by the RPM.

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|--|----|
| Total Liver HI Across All Media = | 5 |
| Total Central Nervous System HI Across All Media = | 40 |
| Total Gastrointestinal HI Across All Media = | 1 |