

2001.12.87.276

Kramer, Reinder - Kramer Dairy Ltd.

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Ponoka County

Central

SE-02-043-25-W4

Risk Assessment Type

Facility Name

Date Of Site Visit

Visit Completed By

Person Interviewed

Screening Completed By

Date Scored

Locked

Manure Type

Annual Manure Amount (tonnes)

**Total Hazard Potential**



House well 98049 or 98050	west side of EMS	137	No Seal/Unknown	3.70	Upslope	<input type="checkbox"/>	<input type="checkbox"/>	1
Pen well 98049 or 98050	west side of EMS	72	No Seal/Unknown	3.70	Upslope	<input type="checkbox"/>	<input type="checkbox"/>	1
Sledge pit well 298704	south side of EMS	52	Drive Shoe	25.00	Upslope	<input type="checkbox"/>	<input type="checkbox"/>	1

1

Infiltration Potential

Predominant Soil Type

Average Annual Precipitation (mm)

Special Considerations

Special Considerations Detail

Groundwater Exposure Potential

- No water wells are completed within 400m of the confined feeding operation facility being assessed.
- One or more water wells are located within 400m of the confined feeding operation facility, but greater than 100m from the confined feeding operation facility.
- One or more water wells are located within 100m of the confined feeding operation facility.

Hazard Potential Score

+ Groundwater Pathway Score

x Exposure Potential Modifier

= Groundwater Risk Score 67.2

Low potential risk to the environment.

- Body of water is known to be upslope of the facility - low risk.
- No water body with 800m - low risk.
- Facility is located less than 1m (in elevation) above the 1 in 25 year floodplain - high risk.
- None of the Above

Likelihood of Runoff Reaching a Water Body

Horizontal Distance to Water Body	>100m	Slope of Land From Facility to Water Body	4 - < 6	2
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Surface Water Runoff

Predominant Soil Type	Coarse	Average Annual Precipitation	400-600	2
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Surface Water Run-on Control

1	Surface Water Run-on Control	Most upslope surface water diverted (>80% - 99%)
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Manure Impacted Area Runoff Control

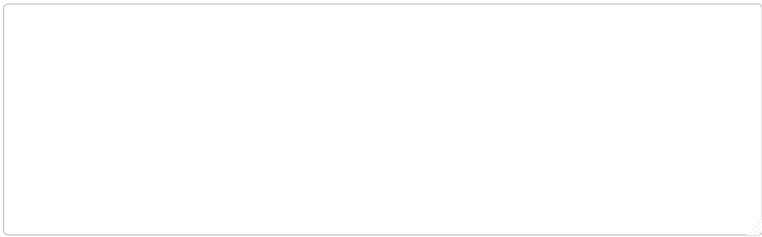
4	Manure Impacted Area Runoff Control	All runoff controlled
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Runoff Flow Path Between Facility and Receiving Body of Water

Type of Yard Runoff Flow	Dispersed Flow	Vegetation Cover	<50% Vegetated	4
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Special Considerations

Special Considerations Detail
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### Surface Water Exposure Potential

- Highest use surface water body (with the greatest number of types of users) located within 800m of the confined feeding operation facility being assessed is a small slough or creek on private land but not a common body of water.
- Highest use surface water body (with the greatest number of types of users) located within 800m of the confined feeding operation facility being assessed is a common body of water with little human use (within 10 miles downstream).
- Highest use surface water body (with the greatest number of types of users) located within 800m of the confined feeding operation facility being assessed is a high use common body of water (recreation, water supply, etc.).

Hazard Potential Score

+ Additional Pathway Score for Solid Manure Storage

+ Surface Water Pathway Score

x Exposure Potential Modifier

**= Surface Water Risk Score**

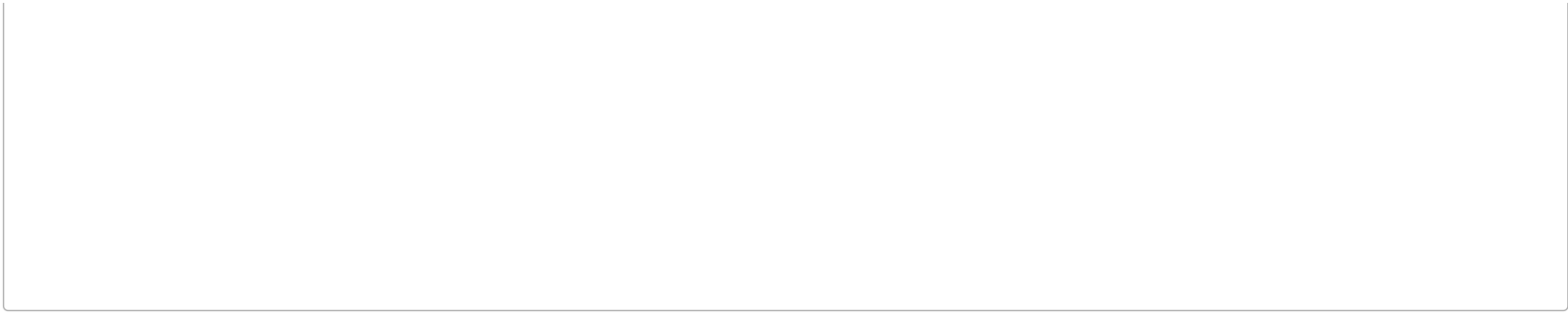
**Low potential risk to the environment.**

### Errors

None

### Warnings

None



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