

2001.12.87.276
Kramer, Reinder - Kramer Dairy Ltd.

Ponoka County
Central

SE-02-043-25-W4

CFO Livestock

This list of livestock for the site is for information only.

Animal Type	Animals	
Dairy - Lactating Cows Only	85	Edit Delete

Known Site Waterbodies

This is a list of known waterbodies on the site. This list will be compared to that of a facility to look for discrepancies. This list will automatically be copied to a new facility.

Water Body Name	Water Body Type	CBW	Human Use	
Unnamed intermittent creek	Creek	<input checked="" type="checkbox"/>	Little	Edit Delete

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Known Wells

This is a listing of all water wells attached to existing facilities aggregated by name (using info from the most recent). You can add water wells to individual facilities. This list of water wells will be automatically copied to a new facility where you can edit slope, distance and something.

Well ID	Well Sealing Method	Depth to Top of Open Interval (m)	Abandoned	
House well	No Seal/Unknown	0.00	<input type="checkbox"/>	Edit Delete
Pen well98050or154215	No Seal/Unknown	3.70	<input type="checkbox"/>	Edit Delete
siledge pit 297975	Bentonite or Cement	3.40	<input type="checkbox"/>	Edit Delete

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Monitoring Wells and Borehole Logs

Facilities Monitored

No monitoring wells # of monitoring wells

No borehole logs # of borehole logs

Uppermost Groundwater Resources (UGR) Defaults

This is site-wide UGR data. This will be compared to that of a facility to look for discrepancies. This data will automatically be copied to a new facility.

Reference(s) for UGR (ie. Well I.D., borehole #'s)

Depth To UGR (m)

Download as PDF

Predominant Geology Sandstone

Subsoil Texture Coarse

Notes

Protective Layer (PL) Defaults

This is site-wide PL data. This will be compared to that of a facility to look for discrepancies. This data will automatically be copied to a new facility.

Reference(s) for PL (ie. Well I.D.,
borehole #'s) 297975

Thickness Of PL (m)

Predominant Geology Clay till

Subsoil Texture Medium

PL Measured From (m) 1.8

PL Measured To (m) 3.4

Notes

Infiltration Potential and Surface Runoff

This is site-wide IP data. This will be compared to that of a facility to look for discrepancies. This data will automatically be copied to a new facility.

Average Annual Precipitation (mm) 400-600

Soil Texture at surface Medium

Attachments

These are site(CFO)-wide attachments for site air photos or other evidence.

 Download as PDFKramer Dairy Ltd. Corp Search.pdf ([View \(/Document/OpenCFODocument?ardanumber=2001.12.87.276&](#)

[name=Kramer%20Dairy%20Ltd.%20Corp%20Search.pdf](#))

SE 2 43 25 W4M land title 19 Jun 19.pdf ([View \(/Document/OpenCFODocument?ardanumber=2001.12.87.276&](#)

[name=SE%202%2043%2025%20W4M%20land%20title%2019%20Jun%2019.pdf](#))

Add file...

Facilities

- EMS SE-02-043-25-W4 (425043021001)

Facility Number Facility Name

Land Building Type

Facility Type Application ([/Application/ViewApplication/8008](#))

Liner Type Runoff Control Run-on Control

Liner Thickness (m)

Condition Of Liner

Slope

Depth Below Grade

Measured Liner HC (cm/s)
Unknown

Year Storage Built

Months of Storage

Surface Water Issue Yes No

Action Required Yes No
 Berm Constructed Run-On Control Run-Off Control Pump Manure Management Plan
 Increase Capacity Incorporation Other

Reference(s) for UGR (ie. Well I.D., borehole #'s)

Depth To UGR (m)

Predominant Geology

Subsoil Texture

Reference(s) for PL (ie. Well I.D., borehole #'s)

Predominant Geology

Subsoil Texture

Depth Below Grade

(from above)

PL Measured From (m)

Download as PDF

PL Measured To

(m)

Thickness Of PL

(m)

Average Annual Precipitation (mm)

Soil Texture At Surface

Surface Water Risk Profile

- 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

Horizontal Distance to
Water BodySlope of Land From
Facility to Water BodyType of Yard Runoff Flow Vegetation Cover

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Water Body Name	Water Body Type	Reference Point	Distance To Water Body (m)	Surface Gradient to Water Body	CBW	Human Use	Outside 800m		
Unnamed intermittent creek	Creek	northeast corner of EMS	175	Downslope	<input checked="" type="checkbox"/>	Little	<input type="checkbox"/>		Edit Delete

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Well ID	Reference Point	Distance to Well (m)	Well Sealing Method	Depth to Top of Open Interval (m)	Surface Gradient to Water Well	Comments	Abandoned	Outside 400m	
House well	southwest corner	72	No Seal/Unknown	0.00	Upslope	Pit well under the house. House is reported to be approximately 100 years old.	<input type="checkbox"/>	<input type="checkbox"/>	Edit Delete
Pen well98050or154215	northwest corner	137	No Seal/Unknown	3.70	Upslope	Details are worst case from 98050 (no details on install except for 5.8 m depth for a surface casing and sandstone to 3.7 m).	<input type="checkbox"/>	<input type="checkbox"/>	Edit Delete
sledge pit 297975	southwest corner	52	Bentonite or Cement	3.40	Upslope		<input type="checkbox"/>	<input type="checkbox"/>	Edit Delete

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Facility Livestock

Manure Type

- Liquid Solid

Annual Manure Production

Annual Manure Production outside Risk Assessment Ranges

Notes

Constructed Decommissioned Download as PDF

Secondary Facility Status

This Facility is a:

 Secondary Ground Water Facility of Secondary Surface Water Facility of- North pens SE-02-043-25-W4 (425043021002)Facility Number Facility Name Land Building Type Facility Type Application (/Application/ViewApplication/8008) Liner Type Runoff Control Run-on Control

Liner Thickness (m)

Storage Length (m)

Storage Width (m)

Condition Of Liner

Storage Area (sq m)

Depth Below Grade

Measured Liner HC (cm/s)

Unknown

Year Storage Built

Surface Water Issue Yes No

Action Required

 Berm Constructed Run-On Control Run-Off Control Pump Manure Management Plan Yes NoIncrease Capacity Incorporation Other

Reference(s) for UGR (ie. Well I.D., borehole #'s)

Depth To UGR (m)

Predominant Geology

Subsoil Texture

Reference(s) for PL (ie. Well I.D., borehole #'s)

Predominant Geology

Subsoil Texture

Depth Below Grade

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297975

(from above)
 PL Measured From
 (m)
 PL Measured To
 (m)
 Thickness Of PL
 (m)

Average Annual Precipitation (mm) Soil Texture At Surface

Surface Water Risk Profile

- 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

Horizontal Distance to Water Body Slope of Land From Facility to Water Body
 Type of Yard Runoff Flow Vegetation Cover

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Water Body Name	Water Body Type	Reference Point	Distance To Water Body (m)	Surface Gradient to Water Body	CBW	Human Use	Outside 800m		
Unnamed intermittent creek	Creek	southeast corner	233	Downslope	<input checked="" type="checkbox"/>	Little	<input type="checkbox"/>		Edit Delete

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Well ID	Reference Point	Distance to Well (m)	Well Sealing Method	Depth to Top of Open Interval (m)	Surface Gradient to Water Well	Comments	Abandoned	Outside 400m	
House well	south side	58	No Seal/Unknown	0.00	Upslope		<input type="checkbox"/>	<input type="checkbox"/>	Edit Delete
Pen well98050or154215	south side	5	No Seal/Unknown	3.70	Upslope		<input type="checkbox"/>	<input type="checkbox"/>	Edit Delete
siledge pit 297975	south side	97	Bentonite or Cement	3.40	Upslope		<input type="checkbox"/>	<input type="checkbox"/>	Edit Delete

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Facility Livestock Livestock Quantity

Manure Type Liquid Solid Annual Manure Production
 Annual Manure Production outside Risk Assessment Ranges

Notes

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Constructed Decommissioned

Secondary Facility Status

This Facility is a:

 Secondary Ground Water Facility of Secondary Surface Water Facility of- South pens SE-02-043-25-W4 (425043021003)Facility Number Facility Name Land Building Type Facility Type Application (/Application/ViewApplication/8008) Liner Type Runoff Control Run-on Control

Liner Thickness (m)

Storage Length (m)

Storage Width (m)

Condition Of Liner

Storage Area (sq m)

Depth Below Grade

Measured Liner HC (cm/s)

Unknown

Year Storage Built

Surface Water Issue Yes No

Action Required

 Berm Constructed Run-On Control Run-Off Control Pump Manure Management Plan Yes NoIncrease Capacity Incorporation Other

Reference(s) for UGR (ie. Well I.D., borehole #'s)

Depth To UGR (m)

Predominant Geology

Subsoil Texture

Reference(s) for PL (ie. Well I.D., borehole #'s)

Predominant Geology

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Subsoil Texture

297975

Depth Below Grade
 (from above)

PL Measured From
 (m)

PL Measured To
 (m)

Thickness Of PL
 (m)

Average Annual Precipitation (mm)

Soil Texture At Surface

Surface Water Risk Profile

- 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

Horizontal Distance to
 Water Body

Slope of Land From
 Facility to Water Body

Type of Yard Runoff Flow

Vegetation Cover

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Water Body Name	Water Body Type	Reference Point	Distance To Water Body (m)	Surface Gradient to Water Body	CBW	Human Use	Outside 800m		
Unnamed intermittent creek	Creek	east side	224	Downslope	<input checked="" type="checkbox"/>	Little	<input type="checkbox"/>		Edit Delete

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Well ID	Reference Point	Distance to Well (m)	Well Sealing Method	Depth to Top of Open Interval (m)	Surface Gradient to Water Well	Comments	Abandoned	Outside 400m	
House well	north side	69	No Seal/Unknown	0.00	Upslope		<input type="checkbox"/>	<input type="checkbox"/>	Edit Delete
Pen well98050or154215	north side	158	No Seal/Unknown	3.70	Upslope		<input type="checkbox"/>	<input type="checkbox"/>	Edit Delete
siledge pit 297975	north side	21	Bentonite or Cement	3.40	Downslope		<input type="checkbox"/>	<input type="checkbox"/>	Edit Delete

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Facility Livestock Livestock Quantity

Manure Type

- Liquid
- Solid

Annual Manure Production

Annual Manure Production outside Risk Assessment Ranges

Notes

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Constructed Decommissioned

Secondary Facility Status

This Facility is a:

Secondary Ground Water Facility of

Secondary Surface Water Facility of

- Calf lean to SE-02-043-25-W4 (425043021004)

Facility Number Facility Name

Land Building Type

Facility Type Application (/Application/ViewApplication/8008)

Liner Type

Runoff Control

Run-on Control

Liner Thickness (m)

Storage Length (m)

Storage Width (m)

Condition Of Liner

Storage Area (sq m)

Depth Below Grade

Measured Liner HC (cm/s)

Unknown

Year Storage Built

Surface Water Issue Yes No

Action Required

Yes No

Berm Constructed Run-On Control Run-Off Control Pump Manure Management Plan

Increase Capacity Incorporation

Other

Reference(s) for UGR (ie. Well I.D., borehole #'s)

Depth To UGR (m)

Predominant Geology

Subsoil Texture

Reference(s) for PL (ie. Well I.D., borehole #'s)

Predominant Geology

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Subsoil Texture

297975

Depth Below Grade

0

(from above)

PL Measured From

1.8

(m)

PL Measured To

3.4

(m)

Thickness Of PL

1.6

(m)

Average Annual Precipitation (mm)

400-600

Soil Texture At Surface

Medium

Surface Water Risk Profile

- 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

Horizontal Distance to
Water Body

>100m

Slope of Land From
Facility to Water Body

4 - < 6

Type of Yard Runoff Flow

Dispersed Flow

Vegetation Cover

<50% Vegetated

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Viewing 1 - 1 of 1

Water Body Name	Water Body Type	Reference Point	Distance To Water Body (m)	Surface Gradient to Water Body	CBW	Human Use	Outside 800m		
Unnamed intermittent creek	Creek	east side	215	Downslope	<input checked="" type="checkbox"/>	Little	<input type="checkbox"/>		Edit Delete

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Well ID	Reference Point	Distance to Well (m)	Well Sealing Method	Depth to Top of Open Interval (m)	Surface Gradient to Water Well	Comments	Abandoned	Outside 400m	
House well	north side	80	No Seal/Unknown	0.00	Unknown		<input type="checkbox"/>	<input type="checkbox"/>	Edit Delete
Pen well98050or154215	north side	156	No Seal/Unknown	3.70	Upslope		<input type="checkbox"/>	<input type="checkbox"/>	Edit Delete
siledge pit 297975	north side	5	Bentonite or Cement	3.40	Downslope		<input type="checkbox"/>	<input type="checkbox"/>	Edit Delete

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Facility Livestock

Livestock Quantity

0

Manure Type

 Liquid
 Solid

Annual Manure Production

0

Annual Manure Production outside Risk Assessment Ranges

Notes

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Constructed Decommissioned

Secondary Facility Status

This Facility is a:

Secondary Ground Water Facility of

Secondary Surface Water Facility of

- Dairy barn SE-02-043-25-W4 (425043021005)

Facility Number 425043021005

Facility Name Dairy barn

Land SE-02-043-25-W4

Building Type Barn

Facility Type Liquid Manure Storage

Application (/Application/ViewApplication/8008) RA19016

Liner Type Concrete

Runoff Control

Run-on Control

Liner Thickness (m)

Condition Of Liner Uninspectable

Slope

Depth Below Grade

2.4

Measured Liner HC (cm/s)

Unknown

Year Storage Built

Months of Storage

0

Surface Water Issue Yes No

Action Required

Berm Constructed Run-On Control Run-Off Control Pump Manure Management Plan

Yes No

Increase Capacity Incorporation

Other

Reference(s) for UGR (ie. Well I.D., borehole #'s)

Depth To UGR (m)

17.7

Predominant Geology

Sandstone

Subsoil Texture Coarse Download as PDF

297975

Reference(s) for PL (ie. Well I.D., borehole #'s)

297975

Predominant Geology

Clay till

Subsoil Texture Medium

Depth Below Grade

2.4

(from above)

PL Measured From

1.8

(m)

PL Measured To

3.4

(m)

Thickness Of PL

1

(m)

Average Annual Precipitation (mm)

400-600

Soil Texture At Surface Medium

Surface Water Risk Profile

- 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

Horizontal Distance to Water Body >100m

Slope of Land From Facility to Water Body 4 - < 6

Type of Yard Runoff Flow Dispersed Flow

Vegetation Cover <50% Vegetated

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Viewing 1 - 1 of 1

Water Body Name	Water Body Type	Reference Point	Distance To Water Body (m)	Surface Gradient to Water Body	CBW	Human Use	Outside 800m		
Unnamed intermittent creek	Creek	east side of proposed addition	171	Downslope	<input checked="" type="checkbox"/>	Little	<input type="checkbox"/>		Edit Delete

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Well ID	Reference Point	Distance to Well (m)	Well Sealing Method	Depth to Top of Open Interval (m)	Surface Gradient to Water Well	Comments	Abandoner	Outside 400m	
House well	west side	46	No Seal/Unknown	0.00	Upslope		<input type="checkbox"/>	<input type="checkbox"/>	Edit Delete
Pen well98050or154215	west side	122	No Seal/Unknown	3.70	Upslope		<input type="checkbox"/>	<input type="checkbox"/>	Edit Delete
siledge pit 297975	south side	14	Bentonite or Cement	3.40	Upslope		<input type="checkbox"/>	<input type="checkbox"/>	Edit Delete

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Facility Livestock

 Download as PDF
Livestock Quantity 0

Manure Type

Liquid Solid

Annual Manure Production

Annual Manure Production outside Risk Assessment Ranges

Notes

Constructed

Decommissioned

Secondary Facility Status

This Facility is a:

Secondary Ground Water Facility of

Secondary Surface Water Facility of

[Add Facility](#)