

Application under the Agricultural Operation Practices Act for a confined feeding operation, manure collection area, and/or manure storage facility(ies)

NRCB USE ONLY	Application number	Legal land description				
Approval Registration Authorization	LA25005	SW 28-	-9-19 W4M			
APPLICATION DISCLOSURE	W					
This information is collected under the authority of the Agric provisions of the Freedom of Information and Protection of Payer written request that certain sections remain private.						
ny construction prior to obtaining an NRCB permit is rosecution.	an offence and is subject to	enforcement a	ction, including			
, the applicant, or applicant's agent, have read and underst provided in this application is true to the best of my knowled		I ackpowledge	that the information			
April 21, 2025						
Date of signing						
Slingerland Feeders Ltd	Byron Slingerlan	d				
Corporate name <mark>(if applicable)</mark>	Print name		-			
GENERAL INFORMATION REQUIREMENTS						
<b>Proposed facilities:</b> list all proposed confined feeding operoposed facilities are additions to existing facilities. (attack)		sions. Indicate	whether any of the			
Proposed facilities			mensions (m) , width, and depth)			
Pens E1 -E7		238 x 57				
Pens 27- 29		29 x	120 & 56 x 29			
Pen 8b			29 x 29			
North Catch Basin		15 x 40 x 2.5				
South Catch Basin		24 x 56 x 3.5				
Existing facilities: list ALL existing confined feeding oper	ration facilities and their dimens	ions				
Existing facilities	Dimensions (length, width, a		NRCB USE ONLY			
west alley	243m x 6	243m x 60m				
center alley	230m x 12	230m x 122m				
east alley	50m x 20	50m x 200m				



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Existing facilities continued	Dimensions (m) (length, width, and depth)	NRCB USE ONLY
*** Continued Proposed Facilities ***		
Catch Basin 1	24 x 56 x 3.5	
Catch Basin 2	53.5 x 32.5	
Catch Basin 3	31 x 28	
_		



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a new facility is replacing an old facility, pleas	se explain what will hap		
shuishin completion date for proposed facili	3 years		
struction completion date for proposed facili itional information	ities		
ittoriai mormation			
estock numbers increase in your Part 2 application ority for minimum distance separation (MDS).	obers are different from who , a new Part 1 application r	nust be submitted which may	application. Note: result in a loss of
estock numbers increase in your Part 2 application ority for minimum distance separation (MDS).  Livestock category and type	bers are different from who, a new Part 1 application r	at was identified in the Part 1 nust be submitted which may  Proposed increase or decrease in number (if applicable)	application. Note: result in a loss of
estock numbers increase in your Part 2 application ority for minimum distance separation (MDS).  Livestock category and type  Available in the Schedule 2 of the Part 2 Matters	, a new Part 1 application r	Proposed increase or decrease in number	result in a loss of
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Last updated September 11, 2023

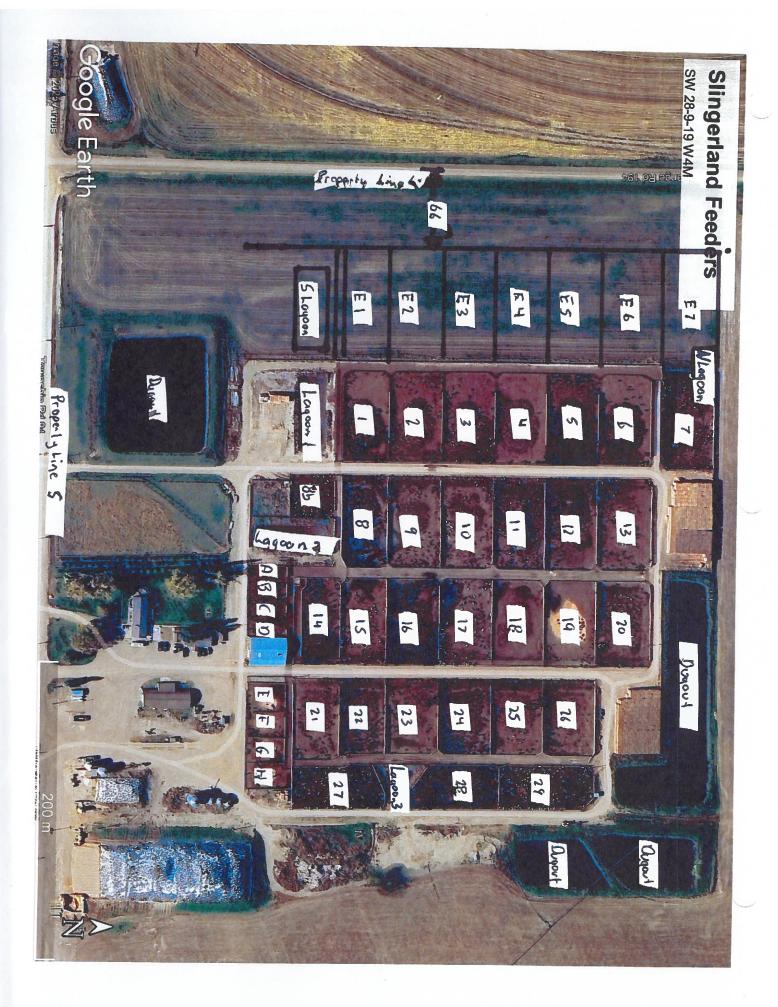


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# OPTION 4: Uncertain if Water Act licence is needed; acknowledgement of risk (for existing CFOs only)

- 1. At this time, I (we) do not know whether a new water licence is needed from EPA under the *Water Act* for the development or activity proposed in this AOPA application.
- 2. If a new *Water Act* licence is needed, I (we) request that the NRCB process the AOPA application **independently of** EPA's processing of the CFO's application for a water licence.
- 3. In making this request, I (we) recognize that, if this AOPA application is granted by the NRCB, the NRCB's decision will not be considered by EPA as improving or enhancing the CFO's eligibility for a water licence under the *Water Act*.
- 4. I (we) acknowledge that any construction or actions to populate the CFO with additional livestock pursuant to an AOPA permit in the absence of a *Water Act* licence will **not** be relevant to EPA's consideration of whether to grant my *Water Act* licence application, if a new water licence is needed.
- 5. I (we) acknowledge that any such construction or livestock increase will be at the CFO's sole risk if the Water Act licence application is denied or if the operation of the CFO is otherwise deemed to be in violation of the Water Act. This risk includes being required to depopulate the CFO and/or to cease further construction, or to remove "works" or "undertakings" (as defined in the Water Act).
- 6. **AS RELEVANT:** I (we) acknowledge that the CFO is located in the South Saskatchewan River Basin and that, pursuant to the *Bow, Oldman and South Saskatchewan River Basin Water Allocation Order* [Alta. Reg. 171/2007], this basin is currently closed to new surface water allocations.

7. <b>Provide</b> : Water license numbe	r(s) or water conveyance agreem	ent details
Signed this 22 day of April	, 20 <u><sup>25</sup></u> .	or Agent



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GENERAL ENVIRONMENTAL INFORMATION

(complete this section for the worst case of the existing facility which is the closest to water bodies or water wells and for each of the proposed facilities)

Facility description / name (as indicated on site plan)

**Existing:** Catch basin 1 and 2 and pen 8b pens 1 -7

Proposed 2:

Proposed 1: add pens E1 -E7, N and S Catch basin

Proposed 3: catch basin 3 and pens 27-29

Facili			Flood   inform			wat atio									ound		
Facility and environmental risk	information	What is the elevation of the floor of the lowest manure storage or collection facility above the 1.75	year flood plain or the highest known flood level?	How many springs are within 100 m	of the manure storage facility or manure collection area?	How many water wells are within	100 m of the manure storage		What is the shortest distance from	facility to a surface water body?	(e.g., lake, creek, slough, seasonal)	What is the death to the soter	table?		What is the depth to the	groundwater resource/aquifer you	and water in the second
	Existing	■ >1 m	□ 1 m	0		0			front dugout						no wells		
Faci	Proposed 1	■ >1 m	□ ^ 1 ®	0		0						7m			no wells		
Facilities	Proposed 2	>1 m		0		0						7m			no wells		
	Proposed 3	> 1 m	□ ≤ 1 ™	0		0						7m			no wells		
	Meets requirements	☐ YES ☐ NO	YES with exemption	☐ YES ☐ NO	YES with	☐ YES ☐ NO	YES with	exemption	☐ YES ☐ NO	☐ YES with	exemption	☐ YES ☐ NO	YES with	exemption	☐ YES ☐ NO	☐ YES with	exemption
NRCB USE ONLY	Comments																

Additional information (attach supporting information, e.g. borehole logs, records, etc. you consider relevant to your application)

Last updated September 11, 2023





# DISTANCE OF ANY MANURE STORAGE FACILITY (EXISTING OR PROPOSED) TO NEIGHBOURING RESIDENCES

					NRCB USE ONLY	Y	
Neighbour name(s)	Legal land description	Distance (m)	Zoning (LUB) category	MDS category (1-4)	Distance (m)	Waiver attached (if required)	Meets regulations
Jim Veurink Home	NE 20-9-19	503m					
John Willms	NE 29-9-19	529m					
Jim Veurink Rentals	SE 29-9-19	356m & 367m					
Peter Hamm	NE 29-9-19	409m					
Dave Van Pelt South Lot House	NW 28-9-19	504m					

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LAND BASE FOR MANURE AND COMPOST APPLICATION (complete only if an increase in livestock or manure production will occur)

		Total			
		irrigated	121	W 29-9-19	Rod Moser
		irrigated	49	NE 21-9-19	Slingerland Feeders Ltd
		irrigated	81	NW 21-9-19	Slingerland Feeders Ltd
		irrigated	65	SE 28-9-19	Slingerland Feeders Ltd
		irrigated	40	SW 28-9-19	Slingerland Feeders Ltd
Agreement attached (if required)	Usable area (ha)	Soil zone ***	Usable area** (ha)	Legal land description	Name of land owner(s)*
ONLY	NRCB USE ONLY				

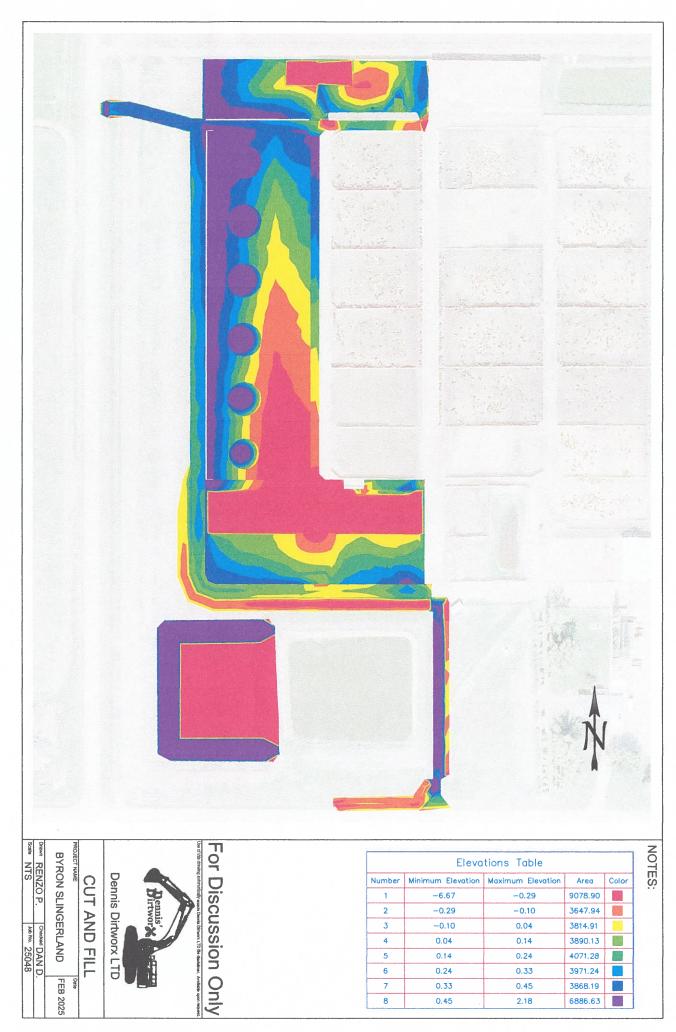
<sup>\*</sup> If you are **not** the registered landowner, you must attach copies of land use agreements signed by all landowners.

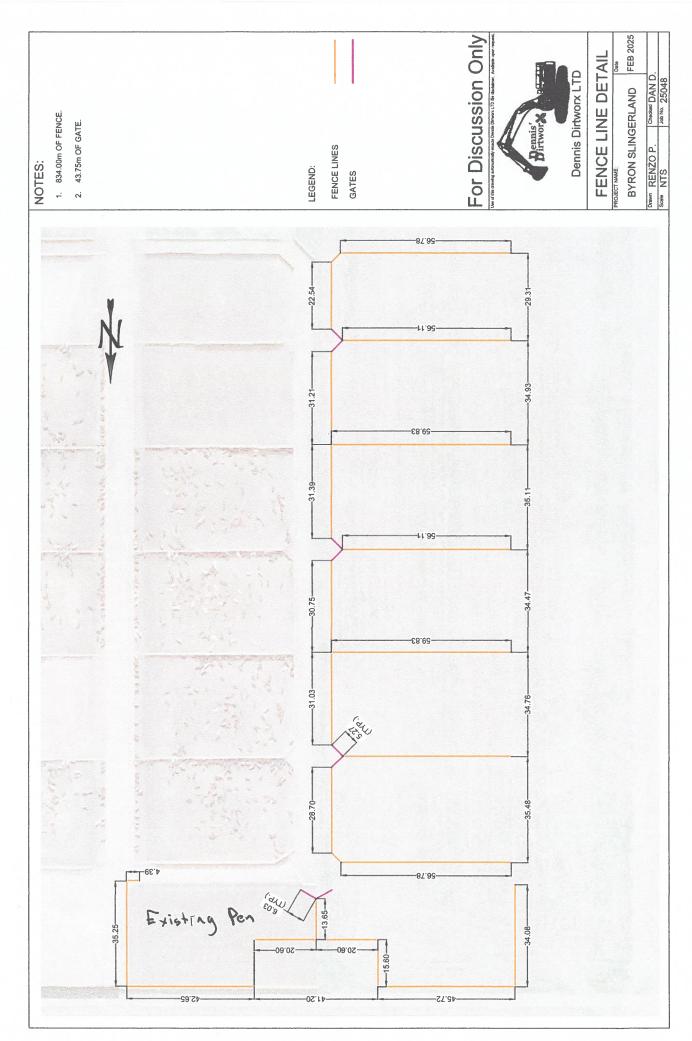
Additional information (attach any additional information as required)

<sup>\*\*</sup> Available manure spreading area (excluding setback areas from residences, common bodies of water, water wells, etc. as identified in Agdex 096-5 Manure Spreading Regulations)

<sup>\*\*\*</sup> Brown, dark brown, black, grey wooded, or irrigated









16 January 2025

JLECS File: P25004

J Lobbezoo Engineering & Consulting Services Ltd.

PO Box 96, Monarch, AB T0L1M0

**Slingerland Feeders Ltd.** 

PO Box 1425 Coaldale, Alberta T1M 1N2

Attention: Mr. Byron Slingerland

Re:

**Geotechnical Review and Evaluation** 

NRCB Permitting of Proposed Catch Basin & Pen Expansion

SW-28-009-19-W4M, near Coaldale, Alberta

As requested, J Lobbezoo Engineering & Consulting Services Ltd. (JLECS) has carried out a geotechnical review and evaluation of the above-captioned site relative to the required protection of the groundwater resource, as required by the Agricultural Operation Practices Act, AB Reg. 267/2001 (hereinafter referred to as "AOPA"). This letter describes the site soil conditions to support a permit application related to a proposed catch basin and pen expansion at the west side of the existing feedlot at the above captioned site (refer to Figure 1, attached).

In order to demonstrate the suitability of the naturally existing soils for consideration as a naturally occurring protective layer to the groundwater resource, eight boreholes were advanced at the site on May 14, 2020. The boreholes were advanced at the approximate locations denoted as SF1-20 to SF8-20 on Figure 1, attached.

The boreholes were advanced by a truck-mounted drill rig owned and operated by Chilako Drilling Services and extended to depths of 3.0 m to 9.2 m below the existing grade. The boreholes were logged by Larry Delong of Chilako Drilling Services.

In general, the natural mineral soils encountered in the boreholes consisted of lacustrine clay and silty clay to the termination depths of all the boreholes. While minor perched groundwater (seepage) was noted at 6.9 m depth in borehole SF1-20, no groundwater resource (as defined by the AOPA) was encountered within the 9.2 m investigation depth at this site.

To measure the *in situ* permeability of the subsurface soils, 50 mm diameter PVC monitoring wells were constructed in boreholes SF2-20 (proposed catch basin) and SF7-20 (proposed pen expansion area). Test well SF2-20 was screened from 5.8 m to 8.2 m depth while SF7-20 was screened from 2.7 m to 4.5 m depth. Well saturation of the 50 mm diameter monitoring wells was carried out by filling the monitoring wells to the top for several consecutive days. After several days of testing, the following 24-hour water drop were determined: 1.96 m drop at SF2-20; and 0.46 m at SF7-20.

To calculate the permeability of the screened portion of the clay strata at the test well locations, a modified falling head test (as outlined in the USBR Engineering Geology Field Manual Volume 2 [2001]) was used. The input variables and output data are outlined on the attached In Situ Permeability Test reports. The results of the permeability testing indicated an *in situ* hydraulic conductivity ( $k_s$ ) of 6.6 x 10<sup>-8</sup> cm/s at SF2-20 (proposed catch basin) and  $k_s$  of 4.4 x 10<sup>-8</sup> cm/s at SF7-20 (proposed pen expansion area.

Slingerland Feeders Ltd.
Geotechnical Review & Evaluation, SW-28-009-19-W4M, near Coaldale, Alberta 16 January 2025
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Using the measured permeability of the clay at this site, the 3.4 m of clay screened at test hole SF2-20 is estimated to represent the equivalent of 51 m of naturally occurring materials having a hydraulic conductivity of 1 x  $10^{-6}$  cm/s (the reference standard in AOPA). At SF7-20, the 1.8 m of clay screened is estimated to represent the equivalent of approximately 41 m of naturally occurring materials having a hydraulic conductivity of 1 x  $10^{-6}$  cm/s. This represents natural material protection in excess of the minimum requirements outlined by the AOPA for catch basins (minimum 5 m, Section 9.5-b) and solid manure storage (minimum 2 m, Section 9.5-c).

### Conclusion

Based on the results of the current investigation, permeability testing, and our understanding of the site and development at the site, it is JLECS's opinion that the naturally occurring materials at the site satisfy the AOPA requirements for permitting the proposed catch basin and pen expansion at this location.

We trust that this report satisfies your present requirements. Should you have any questions, please contact the undersigned at your convenience.

Yours truly,

J Lobbezoo Engineering & Consulting Services Ltd.

Jan 2025

John Lobbezoo, P.Eng. Principal Geotechnical Engineer

Attachments

Figure 1 Borehole Locations

In Situ Permeability Test Calculations

Soil Profile and Parent Material Description, Chilako Drilling Services

PERMIT TO PRACTICE

J LOBBEZOD ENGINEERING &
CONSULTING SERVICES LTD.

RM SIGNATURE:

RM APEGA ID #:

DATE:

PERMIT NUMBER: P016456

The Association of Professional Engineers and Geoscientists of Alberta (APEGA)



Slingerland Feeders Ltd. Geotechnical Review & Evaluation, SW-28-009-19-W4M, near Coaldale, Alberta 16 January 2025

### SF7-20

### In Situ Permeability Test

Modified Falling Head Permeability Equation

$$K_{s} = \frac{r^{2}}{2\ell\Delta t} \left[ \frac{\sinh^{-1}\frac{\ell}{r_{o}}}{2} \ln \left[ \frac{2H_{1} - \ell}{2H_{2} - \ell} \right] - \ln \left[ \frac{2H_{1}H_{2} - \ell H_{2}}{2H_{1}H_{2} - \ell H_{1}} \right] \right]$$

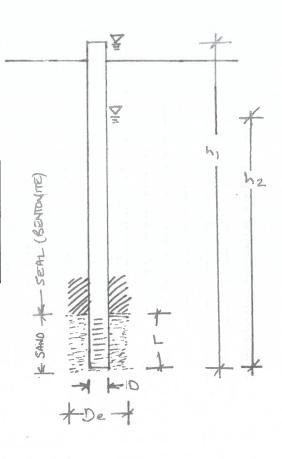
taken from USBR Engineering Geology Field Manual Volume 2 (2001)

### SF7-20 - Slingerland Feeders Ltd.

### JLECS File: P25004

ES	Terms	Value	Definition
뮴	D	0.0520	diameter of standpipe (m)
VARIA	De	0.1500	diameter of borehole (m)
A	L	1.80	length of sand section (m)
>	h1	5.10	initial height of water above base of hole (m
5	h2	4.64	final height of water above base of hole (m)
NP	t	24.0	time of test (h)

k<sub>s</sub> = 4.4E-08 cm/sec



### **CHILAKO DRILLING SERVICES LTD**

Box 942 Coaldale, Alberta, T1M 1M8 (403) 345-3710

### SOIL PROFILE AND PARENT MATERIAL DESCRIPTION

Site Location: SW28-9-19W4, Slingerland Feeders Date: 14-May-20

Hole #	Location	Depth	Texture	Moisture	Geological	Sample	Remarks
SF1-20	0389680	0-0.15	CL	М	Topsoil		
	5512912	0.15-0.6	CL	М	Lac		
	Near water	0.6-1.5	C-SiC	М	Lac		Stiff, med-high plastic, grayish brown
	reservoir	1.5-3.3	SiC	М	Lac		Stiff, med plastic, yellow brown
		3.3-5.2	SiCL	М	Lac		V.firm-stiff, high plastic, yellow brown
		5.2-9.2	SiC	M-VM	Lac		V.firm-stiff, high plastic, yellow brown
							Sat sand lense @ 6.9m, free water, weak
					•		varving
SF2-20	0389641	0-0.15	CL	М	Topsoil		
	5512918	0.15-1.5	C-SiC	М	Lac		Stiff, med plastic, grayish brown
		1.5-3.3	SiC	M	Lac		Stiff, med plastic, yellow brown
		3.3-4.0	SiCL	M	Lac		V.firm, med plastic, yellow brown,
							varved (SiCL-SiC), silt lensing
		4.0-9.2	SiC	М	Lac		Stiff, high plastic, yellow brown, varved (SiCL
							50mm H.C. well installed to 9.2m
							Screen: 9.2-6.2m
							Sand: 9.2-5.8m
							Bentonite: 5.8-0.0m
							Stickup: 0.6m
							Hole Diameter: 0.15m
			-				
SF3-20	0389621	0-0.15	CL	М	Topsoil		
	5512923	0.15-0.6	CL	M	Lac		
		0.6-1.5		t	Lac		Stiff, med plastic, light gray
		1.5-2.1	SiCL	М	Lac		V.firm, med plastic, yellow brown
		2.1-4.5	SiC	M	Lac		Stiff, med-high plastic, yellow brown
		4.5-6.2	SiC	M	Lac		Stiff, med-high plastic, yellow brown, varved
		6.2-6.7	SiCL	M	Lac		V.firm, med plastic, yellow brown
		6.7-9.2	SiC	М	Lac		Stiff, high plastic, yellow brown, varved
SF4-20	0389623	0-0.15	CL	М	Topsoil		
354-20	5513000	0.15-1.5	C	M	Lac		Stiff, med plastic, light gray
	5515000	1.5-3.0	C-SiC	M	Lac		Stiff, med plastic, light gray Stiff, med plastic, olive brown, large
		1.5-3.0	0-310	IVI	Lac		amounts of gypsum salts, weak varving
							amounts of gypsum saits, weak varying
SF5-20	0389623	0-0.15	CL	М	Topsoil		
3. 0 20	5513075	0.15-1.5	C	М	Lac		Stiff, med plastic, olive brown
	30.00.0	1.5-2.6	SiCL	М	Lac		Stiff, med plastic, olive brown, layered with
		1.0 2.0	0.02	"			IsiL/siC
		2.6-4.5	SiC	М	Lac		Stiff, med plastic, olive brown, varved

### SOIL PROFILE AND PARENT MATERIAL DESCRIPTION (CONTINUED)

Hole #	Location	Depth	Texture	Moisture	Geological	Sample	Remarks
SF6-20	0389670 5513122	0-0.15 0.15-1.2 1.2-3.0	CL C SiCL	M M SM	Topsoil Lac Lac		Stiff, med plastic, olive gray Stiff, med plastic, olive brown, silt lenses
SF7-20	0389653 5513050	0-0.15 0.15-1.5 1.5-2.7 2.7-4.5	CL C CL-SICL SICL	SM M M	Topsoil Lac Lac Lac		Stiff, med plastic, dark brown Stiff, med plastic, yellow brown, silt lenses, large amounts of gypsum salts Stiff, med plastic, yellow brown 50mm H.C. well installed to 4.5m Screen: 4.5-3.0m Sand: 4.5-2.7m Bentonite: 2.7-0.0m Stickup: 0.6m Hole Diameter: 0.15m
SF8-20	0389675 5512976	0-0.15 0.15-1.0 1.0-2.0 2.0-3.0	CL C C-SiC SiC	SM SM SM M	Topsoil Lac Lac Lac		Stiff, med plastic, gray Stiff, med plastic, yellow brown, silt lenses Stiff, med plastic, yellow brown

 Legend:
 L
 Loam

 C
 Clay

 S
 Sand

 Gr.
 Gravel

 Si
 Silt

 F
 Fine (sand)

 VF
 Very Fine (sand)

Eg. VFSCL = Very Fine Sandy Clay Loam

### **Manure Spreading Agreement**

This agreement is between _	Slingerland Feed	lers Ltd, manure producer, and
Rod Mose-		e receiver.
Length of agreement: This (minimum of one year)	agreement is valid for a time peri	od of 3 years
Legal land location	Soil type <sup>1</sup>	Acres suitable for manure spreading <sup>2</sup>
SW 29-9-19 WY	irrigated	145
NW29-9-19 WH	( )	160
Manure producer (Confined		ocation 5 W 78-9-19
Date of signing	Print name	Corporate name(if appl)
Manure Receiver – Landowr	ner(s)³	
April 72025		MOSER
Date of signing Sign	ature Print name	Corporate name(if appl)
	ature Print name	Corporate name(if appl)

Applican	nt information		NRCB application number:
Operator	operation name:	Slingerland Feede	rs
Address:	Box 1425 Coa	Idale Ab	Postal Code: T1M1N2
Legal lan	d location of conf	ined feeding operation	n: SW 28-9-19
I have red (MDS) to above. In application	quested the resid their residence for making this requent and a copy of the	ence owner(s) named or the <i>Agricultural Ope</i> lest, I have provided the Natural Resources	d below to waive the required minimum distance separation eration Practices Act (AOPA) permit application identified he owner(s) with an opportunity to review my permit s Conservation Board (NRCB) Fact Sheet "Minimum Distance RCB website at www.nrcb.ca. I have also explained:
have	advised the own	er(s) that section 3(6)	f the Standards and Administration Regulation of AOPA. I (a) of the Standards and Administration Regulation allows s of residences, if they agree in writing to grant a waiver;
• That	my proposed dev	elopment does not m	eet the required MDS to the owner's residence; and,
manu	ire production, le	es only to this applicat vel of odour productio uld require a new waiv	ion as described. An increase in livestock capacity, annual n, change to the site plan or change to a facility that would ver.
Following	is a summary of	the proposed develop	pment:
livest	current scope of r ock, if any, is: ) Beef Finishers		peration (CFO), including the type, number, and category of
type a	pplication for a ne and/or capacity a 1000 Beef Finis	t my CFO:	oses the following changes to the existing livestock category,
manu	ire storage volum	e and any other pertin	nges to the existing CFO facilities, including manure storage, nent details, if any, are (attach a site layout plan if available): to the west boundary of the existing pens.
A ad	ditional Catch b	asin would be cons	tructed to the south of new pens
	olicant underst		er is not valid unless ALL registered owners of the
Permit Ap	oplicant:	participants.	Date: January 15 2025
Residend	ce owner(s) to in	itial:	

R	esidence owner(s) information
-	ALL Names on land title:
-	
L	egal land location of residence(s): SF29-09-19-W4.
7	elephone number(s) <sup>1</sup> :dress(es) <sup>1</sup> :
F	Address(es) <sup>1</sup> and Postal code(s) <sup>1</sup> : Box 65 CORLDALE AB
1	Please note that personal contact information is for NRCB use ONLY and not publicly released
l a	m/we are the legal landowner(s) of a residence(s) located at the above noted legal land location/address:
•	I/we have read the NRCB Fact Sheet "Minimum Distance Separation (MDS) Waivers";
•	I/we have discussed this application with the applicant and understand its potential impacts to our residence(s);
•	I/we understand that the application <b>does not</b> meet the MDS requirement to my/our residence(s), under the <i>Agricultural Operation Practices Act</i> (AOPA);
	I/we understand that this waiver is not valid unless signed by ALL parties identified on the land title as owners;
•	I/we are not obligated to waive the MDS requirement to our residence(s);
	I/we understand that if I/we choose to waive the MDS requirement, I/we can revoke the waiver, by providing written notice to the NRCB approval officer, as set out in the "Minimum Distance Separation (MDS) Waivers" Fact Sheet; and
Ð	I/we understand that this waiver is a public document.
Нa	ving considered my/our rights, I/we hereby waive the MDS requirement to my/our residence, with respect to
	plication number LA25005
	Signatures of all residence owner(s) on title
	ITE VEURINK JANE VEURINK
	Printed names of all residence owner(s) on title
)2	te: <u>fan 23 /2025</u>
Ja	
	V

		B application number: LA 25 00 5
Оре	rator/operation name: Slingerland Feeders	
Add	ress: Box 1425 Coaldale Ab	Postal Code: T1M1N2
	al land location of confined feeding operation:	V 28-9-19
abor app	S) to their residence for the Agricultural Operation ve. In making this request, I have provided the ow	servation Board (NRCB) Fact Sheet "Minimum Distance
	have advised the owner(s) that section 3(6)(a) of	Standards and Administration Regulation of AOPA. I the Standards and Administration Regulation allows sidences, if they agree in writing to grant a waiver;
•	That my proposed development does not meet th	e required MDS to the owner's residence; and,
		described. An increase in livestock capacity, annual ange to the site plan or change to a facility that would
Foll	owing is a summary of the proposed development	<b>!</b> •
	The current scope of my confined feeding operati livestock, if any, is: 5000 Beef Finishers	on (CFO), including the type, number, and category of
•	My application for a new AOPA permit proposes type and/or capacity at my CFO: add 1000 Beef Finishers	the following changes to the existing livestock category,
•	The proposed new CFO facility(ies), or changes to manure storage volume and any other pertinent of the plan to add one row of seven pens to the	to the existing CFO facilities, including manure storage, details, if any, are (attach a site layout plan if available): west boundary of the existing pens.
	A additional Catch basin would be constructed	ed to the south of new pens
	e applicant understand that the waiver is i	not valid unless ALL registered owners of the
Per	mit Applicant:	Date: January 15 2025
Res	sidence owner(s) to init	

Residence owner(s) information
ALL Names on land title: DAVE VAHPELT FREMS INC
Legal land location of residence(s): NW 28-9-19 W4
Telephone number(s) <sup>1</sup> Email address(es) <sup>1</sup> :
Address(es)1 and Postal code(s)1: Box 1 COALDACE AB TIM 1M2
<sup>1</sup> Please note that personal contact information is for NRCB use ONLY and not publicly released
I am/we are the legal landowner(s) of a residence(s) located at the above noted legal land location/address:
<ul> <li>I/we have read the NRCB Fact Sheet "Minimum Distance Separation (MDS) Waivers";</li> </ul>
I/we have discussed this application with the applicant and understand its potential impacts to our residence(s);
<ul> <li>I/we understand that the application does not meet the MDS requirement to my/our residence(s), under the Agricultural Operation Practices Act (AOPA);</li> </ul>
<ul> <li>I/we understand that this waiver is not valid unless signed by ALL parties identified on the land title as owners;</li> </ul>
<ul> <li>I/we are not obligated to waive the MDS requirement to our residence(s);</li> </ul>
<ul> <li>I/we understand that if I/we choose to waive the MDS requirement, I/we can revoke the waiver, by providing written notice to the NRCB approval officer, as set out in the "Minimum Distance Separation (MDS) Waivers" Fact Sheet; and</li> </ul>
I/we understand that this waiver is a public document.
Having considered my/our rights, I/we hereby waive the MDS requirement to my/our residence, with respect to
Application number <u>LA 75605</u>
owner(s) on title  Date Vau Pat Falms Tuc.  Printed names of all residence owner(s) on title
Date: 15 2025

			A LIPS OF THE CO.		25006
	plicant information	Clinandard Fra		ation number: LA	23005
Op	erator/operation name:	Slingerland Fee	ders		
Ade	dress: Box 1425 Coa	idale Ab		Postal C	code: T1M1N2
Loc	gal land location of con	fined feeding oners	tion: SW 28-9-	19	
					11. 4
(MI abo app	DS) to their residence fove. In making this requ	or the <i>Agricultural C</i> uest, I have provided the Natural Resource	Operation Practice of the owner(s) we ces Conservation	es Act (AOPA) perm ith an opportunity to Board (NRCB) Fac	review my permit t Sheet "Minimum Distanc
•		er(s) that section 3(	(6)(a) of the Stan	dards and Administr	n Regulation of AOPA. I ation Regulation allows ting to grant a waiver;
•	That my proposed de	velopment does not	meet the require	ed MDS to the owner	's residence; and,
•	That this waiver application, le increase the MDS wo	vel of odour produc	tion, change to t	ed. An increase in liv he site plan or chang	restock capacity, annual ge to a facility that would
Fol	lowing is a summary of	the proposed deve	elopment:		
•	The current scope of livestock, if any, is: 5000 Beef Finishers		g operation (CFC	), including the type,	number, and category of
		,			
•	My application for a netype and/or capacity a add 1000 Beef Finish	it my CFO:	oposes the follow	ving changes to the e	existing livestock category
•		ne and any other pe	ertinent details, if	any, are (attach a si	including manure storage te layout plan if available) sting pens.
	A additional Catch I	pasin would be co	nstructed to the	south of new pen	s
	ne applicant unders sidence sign this do		iver is not vali	d unless ALL regi	istered owners of the
				lanuari 4	E 000E
Pe	rmit Applicant:	Siana		Date: January 1	5 2025
Re	sidence owner(s) to i	nitial:			
- 9		/			

Residence owner(s) information	
ALL Names on land title: John Willins	
Legal land location of residence(s): 5E 29-9-19	
Telephone number(s)¹: Email address(es)¹:	
Address(es)1 and Postal code(s)1:	
<sup>1</sup> Please note that personal contact information is for NRCB use ONLY and not publicly released	
am/we are the legal landowner(s) of a residence(s) located at the above noted legal land location/address	<b>3</b> :
I/we have read the NRCB Fact Sheet "Minimum Distance Separation (MDS) Waivers";	
I/we have discussed this application with the applicant and understand its potential impacts to our residence(s);	
<ul> <li>I/we understand that the application does not meet the MDS requirement to my/our residence(s), under the Agricultural Operation Practices Act (AOPA);</li> </ul>	٢
<ul> <li>I/we understand that this waiver is not valid unless signed by ALL parties identified on the land title as owners;</li> </ul>	i
<ul> <li>I/we are not obligated to waive the MDS requirement to our residence(s);</li> </ul>	
I/we understand that if I/we choose to waive the MDS requirement, I/we can revoke the waiver, by providing written notice to the NRCB approval officer, as set out in the "Minimum Distance Separation (MDS) Waivers" Fact Sheet; and	
I/we understand that this waiver is a public document.	
Having considered my/our rights, I/we hereby waive the MDS requirement to my/our residence, with respect	to
Application number LA 25005	
-ppiica-mana-mana-mana-mana-mana-mana-mana-ma	
Signatures of all residence pwireles on tide	_
Printed names of all residence owner(s) on title	-
Date: April 10 2025	

Ap	plicant information	NR	CB application number: LH 25005
Ор	erator/operation name: Sli	ngerland Feeders	
Ad	dress: Box 1425 Coaldal	e Ab	Postal Code: T1M1N2
Le	gal land location of confined	I feeding operation: S	
I had	ave requested the residence DS) to their residence for th ove. In making this request, plication and a copy of the N	e owner(s) named belo le <i>Agricultural Operatio</i> I have provided the ov Natural Resources Cor	ow to waive the required minimum distance separation on Practices Act (AOPA) permit application identified wner(s) with an opportunity to review my permit aservation Board (NRCB) Fact Sheet "Minimum Distance website at www.nrcb.ca. I have also explained:
•	have advised the owner(s)	) that section 3(6)(a) of	Standards and Administration Regulation of AOPA. If the Standards and Administration Regulation allows esidences, if they agree in writing to grant a waiver;
•	That my proposed develop	ment does not meet the	ne required MDS to the owner's residence; and,
•		of odour production, ch	s described. An increase in livestock capacity, annual ange to the site plan or change to a facility that would
Fol	llowing is a summary of the	proposed developmen	nt:
•	The current scope of my clivestock, if any, is: 5000 Beef Finishers	onfined feeding operat	ion (CFO), including the type, number, and category of
•	My application for a new A type and/or capacity at my add 1000 Beef Finishers	CFO:	the following changes to the existing livestock category,
•	manure storage volume ar	nd any other pertinent	to the existing CFO facilities, including manure storage, details, if any, are (attach a site layout plan if available): e west boundary of the existing pens.
	A additional Catch basin	n would be construct	ed to the south of new pens
res	sidence sig <u>n this docu</u> n		not valid unless ALL registered owners of the
Pe	rmit Applicant		e: January 13 2023
Re	sidence owner(s) to initial	l:	

Residence owner(s) information
ALL Names on land title: Peter + Greta Hamm
Legal land location of residence(s): NE 29 - 009 - 19 - 4
Telephone number(s) <sup>1</sup> Email address(es) <sup>1</sup> :
Address(es) <sup>1</sup> and Postal code(s) <sup>1</sup> : $PoBo \times 1145 Coaldale$
1 Please note that personal contact information is for NRCB use ONLY and not publicly released.
I am/we are the legal landowner(s) of a residence(s) located at the above noted legal land location/address:
I/we have read the NRCB Fact Sheet "Minimum Distance Separation (MDS) Waivers";
<ul> <li>I/we have discussed this application with the applicant and understand its potential impacts to our residence(s);</li> </ul>
<ul> <li>I/we understand that the application does not meet the MDS requirement to my/our residence(s), under the Agricultural Operation Practices Act (AOPA);</li> </ul>
<ul> <li>I/we understand that this waiver is not valid unless signed by ALL parties identified on the land title as owners;</li> </ul>
<ul> <li>I/we are not obligated to waive the MDS requirement to our residence(s);</li> </ul>
<ul> <li>I/we understand that if I/we choose to waive the MDS requirement, I/we can revoke the waiver, by providing written notice to the NRCB approval officer, as set out in the "Minimum Distance Separation (MDS) Waivers" Fact Sheet; and</li> </ul>
I/we understand that this waiver is a public document.
Having considered my/our rights, I/we hereby waive the MDS requirement to my/our residence, with respect to
Application number
Signatures of all residence owner(s) on title
Peter Hamm Greta Hamm
Printed names of all residence owner(s) on title
Date: 2095-1-15

Applicar	nt information		NRCB application num	ber:	
Operator	operation name	Slingerland Feed	lers	T	
Address:	Box 1425 Coa	aldale Ab		_ Postal Code:	T1M1N2
11	11		SW 28-9-19		
		fined feeding operati			
(MDS) to above. In application	their residence to making this request on and a copy of	for the <i>Agricultural Op</i> uest, I have provided the Natural Resource	ed below to waive the requiperation Practices Act (ACI) the owner(s) with an oppose Conservation Board (NI) IRCB website at www.nrct	OPA) permit apportunity to review RCB) Fact Sheet	lication identified w my permit et "Minimum Distance
have	advised the own	er(s) that section 3(6	of the Standards and Adn 5)(a) of the Standards and ers of residences, if they ag	Administration	Regulation allows
That	my proposed de	velopment does not	meet the required MDS to	the owner's res	idence; and,
manu	ure production, le		ation as described. An inclion, change to the site planator.		
ollowing	g is a summary o	f the proposed devel	opment:		
livest	current scope of tock, if any, is: O Beef Finishers		operation (CFO), including	g the type, num	ber, and category of
type	pplication for a n and/or capacity a 1000 Beef Fini	at my CFO:	poses the following chang	ges to the existin	ng livestock category,
mani	ure storage volur	ne and any other per	anges to the existing CFO tinent details, if any, are (a s to the west boundary of	attach a site lay	out plan if available):
A ad	Iditional Catch	pasin would be cor	nstructed to the south of	new pens	
	plicant unders ce sign this do		ver is not valid unless	ALL registere	ed owners of the
Permit A	pplicant:		Date:	January 15 202	25
	ce owner(s) to i	Signature			

Re	sidence owner(s) information
A	LL Names on land title: <u>Sames Vecvink</u> Esther Vecrink
Le	egal land location of residence(s): NE 20 09 19 W4
Te	elephone number(s) <sup>1</sup> : Email address(es) <sup>1</sup> :
A	ddress(es)1 and Postal code(s)1: Box 3/2 Coaldale AB TIMIMY
7 /	Please note that personal contact information is for NRCB use ONLY and not publicly released
l ar	m/we are the legal landowner(s) of a residence(s) located at the above noted legal land location/address:
•	I/we have read the NRCB Fact Sheet "Minimum Distance Separation (MDS) Waivers";
•	I/we have discussed this application with the applicant and understand its potential impacts to our residence(s);
•	I/we understand that the application <b>does not</b> meet the MDS requirement to my/our residence(s), under the <i>Agricultural Operation Practices Act</i> (AOPA);
•	I/we understand that this waiver is not valid unless signed by ALL parties identified on the land title as owners;
•	I/we are not obligated to waive the MDS requirement to our residence(s);
•	I/we understand that if I/we choose to waive the MDS requirement, I/we can revoke the waiver, by providing written notice to the NRCB approval officer, as set out in the "Minimum Distance Separation (MDS) Waivers" Fact Sheet; and
•	I/we understand that this waiver is a public document.
Ha	ving considered my/our rights, I/we hereby waive the MDS requirement to my/our residence, with respect to
	plication number <u>LA 25005</u>
Αþ	plication number
	I residence owner(s) on title
30	ames Veurink Esther Veurink
	Printed names of all residence owner(s) on title
Dat	te: Jan 23 2025

### ${\bf Part\,2-Technical\ Requirements}$



Application under the Agricultural Operation Practices Act for a confined feeding operation, manure collection area and/or manure storage facility(ies)

complete	Illy occurring per a copy of this securring protect	tion for <b>EACH</b> barn, feedlot, and sive layer for the liner)	torage facility for solid manure, con	mposting materials, or compost wi
			1. Pens E1 - E7	
,			2. Pens 27 - 29	7
anure	storage capacity			1 2013 15-201
	Length (m)	Width (m)	Depth below ground level (m)	NRCB USE ONLY Estimated storage capacity (m <sup>3</sup>
1.	238	57	0	
2.	120 & 56	29 & 29	0	
		1	TOTAL CAPACITY	
Describ		tems noff control system		
Describe Catch b	e the run-on and ru pasin	noff control system		
Describe Catch b	e the run-on and ru pasin		Provide details (as required)	
Describ Catch b aturall	e the run-on and ru pasin	noff control system	Provide details (as required)	
Describ Catch b aturall Chickne	e the run-on and runasin  y occurring prote ss of naturally	ctive layer details	Provide details (as required) n/a% silt	
aturall	e the run-on and runasin  y occurring prote ss of naturally g protective layer	ctive layer details (m) % sand  Depth and type of soil tested	n/a% silt  Hydraulic conductivity (cm/s)	
aturall Thickne	e the run-on and runasin  y occurring prote  ss of naturally ng protective layer  Soil texture	ctive layer details  2(m)	n/a% silt	% Cla
aturall  Thickne occurrin  Hydra - na	e the run-on and runasin  y occurring prote  ss of naturally g protective layer  Goil texture  unlic conductivity aturally occurring protective layer	ctive layer details (m) % sand  Depth and type of soil tested		Describe test standard used modified falling head test
aturall  Thickne occurrin  Hydra - na	e the run-on and runasin  y occurring prote  ss of naturally g protective layer  Goil texture  unlic conductivity aturally occurring protective layer	ctive layer details (m)		Describe test standard used modified falling head test
Interest Described Catch by Interest Catch by In	e the run-on and runasin  y occurring prote  ss of naturally g protective layer  Goil texture  unlic conductivity aturally occurring protective layer	ctive layer details (m)	n/a % silt  Hydraulic conductivity (cm/s)  6.6 x 10.8 cm/s  NRCB USE ONLY  Require  Condition	Describe test standard used modified falling head test

Last updated February 26, 2021



Application under the Agricultural Operation Practices Act for a confined feeding operation, manure collection area and/or manure storage facility(ies)

acility	description / nam		1. Pen 8b 2.	
anure	Length (m)	Width (m)	Depth below ground level (m)	NRCB USE ONLY
_		Width (III)	Depth below ground lever (III)	Estimated storage capacity (m <sup>3</sup> )
	29	29	0	
2.			TOTAL CAPACITY	
			TOTAL CAPACITY	
rface	nents for STMS are s water control sys be the run-on and ru		niu Manure Storage Requirements P	act Sheet.
escril	e water control sys	tems noff control system	niu Manure Storage Requirements P	act Sheet.
irface Descril	water control sys	tems noff control system	Provide details (as required)	act Sheet.
urface Descril	e water control sys	tems noff control system		act Sheet.
urface Descril	water control system the run-on and runder the run-on and runder the run-on and runder the runder t	tems noff control system		act Sheet.
escrillatura	water control system the run-on and runder the run-on and runder the run-on and runder the runder t	tems noff control system  ctive layer details		
escrillinickniccurri	water control sys be the run-on and ru  ly occurring protective  ess of naturally ng protective layer	tems noff control system  ctive layer details(m)	Provide details (as required)	
estura hicknoccurri	e water control system the run-on and runder the run-on and runder the run-on and runder the runder	tems noff control system  ctive layer details (m)% sand	Provide details (as required) % silt  Hydraulic conductivity (cm/s)	% cla
Thicknoccurri	e water control system the run-on and runder the run-on and runder the run-on and runder the runder	ctive layer details (m)% sand  Depth and type of soil tested	Provide details (as required) % silt  Hydraulic conductivity (cm/s)  NRCB USE ONLY  Requirer	% cla

Last updated February 26, 2021



Application under the Agricultural Operation Practices Act for a confined feeding operation, manure collection area and/or manure storage facility(ies)

acili	ty description	on / name	e (as indicated on .	site plan)	1. North Cat	ch Basin		2 _ 1 1 _ n
					2. South Cat	ch Basin		
					Catch Bas	sin 1		
ete	rmination of	runoff aı	·ea					
	ide a plan and attached dra		w you calculated th	ne area contri	buting to runoff	for each ca	tch basin	
Cato	ch basin capa	acity						
			Total death	Depth belo	w	lope run:ris	se	NRCB USE ONLY
	Length (m)	Width (r	n) Total depth (m)	ground lev (m)	el Inside end walls	Inside side walls	Outside walls	Calculated storage capacity (excl. 0.5 m freeboard) (m <sup>3</sup>
1.	40	15	2.5	2.5	3:1	3:1		
2.	56	24	3.5	3.5	3:1	3:1		
3.	56	24	3.5	3.5	3:1	3:1		
						TOTA	L CAPACITY	
atu	rally occurri	ng protec	tive layer details	3	Provide details	(ac require	d)	
	ickness of nat ccurring prote				Provide details	(as require	u)	
	layer	ctive	4	(m)				
Soil	texture		n/a	% sand		n/a%	silt	% cla
			Depth and type of	soil tested	Hydraulic cond	luctivity (cm	n/s) D	escribe test standard used
nátu	raulic conduct rally occurrin ective layer	, I.	silty clay 9.2 m		4.4 x 10.8 cm	/s	modifi	ed falling head test
	n Basin – Design nical Guideline A		ement requirements co	an be found in	NRCB U	SE ONLY	quirements r	net: YES NO
							ndition requi	
	l info differs per	facility incl	ude additional soils pa	ge.		CO	nataon requi	t: YES NO



Application under the Agricultural Operation Practices Act for a confined feeding operation, manure collection area and/or manure storage facility(ies)

	lity description	on / nan	ne (as indicated of	n site plan)	1. Catch basi	in 2		
					Catch basin 3			
							A-284 S - 5-5	
					3			
ete	ermination of	runoff a	area ow you calculated	the area contr	ibuting to runoff (	for each cat	ch haein	
-10	vide a pian an	u snow n	ow you calculated	the area contr	ibuting to runon i	or each cat	.cn basin	
Cat	ch basin cap	acity			Slope run:rise NRCB USE ONLY			
	Length (m)	Width	(m) Total depth	Depth belo ground lev	ow	Inside	Outside	Calculated storage capacity
	Length (III)		(m)	(m)	end walls	side walls	walls	(excl. 0.5 m freeboard) (m
1.	53.5	32.5	5 4	3.5	3:1	3:1		
	33.3	52.0	, ,	3.3	3.1	5.1		
2.	31	28	3.35	2.85	3:1	3:1		
3.								
						TOTAL	CAPACITY	
atı	ırally occurri	na prote	ctive laver detai	ile				
Thickness of naturally				Provide details (as required)				
occurring protective								
	layer							
				(m)				
Soi	l texture			(m)				
Soi	I texture			% sand			silt	% cla
			Depth and type o	% sand	Hydraulic condi			escribe test standard used
Hyc	draulic conduct		Depth and type o	% sand	Hydraulic condi			
Hyo nat			Depth and type o	% sand	Hydraulic condi			
Hyd nat pro	draulic conduct urally occurrin tective layer	ig .		% sand of soil tested		uctivity (cm		
Hyd nat pro	draulic conduct urally occurrin tective layer	g and mana	gement requirements	% sand of soil tested	Hydraulic conde	uctivity (cm	(/s) D	escribe test standard used
Hyd nat pro	draulic conduct urally occurrin tective layer th Basin – Design	g and mana	gement requirements	% sand of soil tested		SE ONLY	quirements	net: YES NO
Hyc nat pro Catc	draulic conduct urally occurrin tective layer ch Basin – Design nnical Guideline A	and mana Agdex 096-	gement requirements	% sand of soil tested		SE ONLY Rec	quirements	met:  YES NO
Hyc nat pro Catc	draulic conduct urally occurrin tective layer ch Basin – Design nnical Guideline A	and mana Agdex 096-	gement requirements 101	% sand of soil tested		SE ONLY Rec	quirements	met:  YES NO
Hyc nat pro Catc	draulic conduct urally occurrin tective layer ch Basin – Design nnical Guideline A	and mana Agdex 096-	gement requirements 101	% sand of soil tested		SE ONLY Rec	quirements	met:  YES NO
Hyc nat pro Catc	draulic conduct urally occurrin tective layer ch Basin – Design nnical Guideline A	and mana Agdex 096-	gement requirements 101	% sand of soil tested		SE ONLY Rec	quirements	met:  YES NO
Hydnat oro	draulic conduct urally occurrin tective layer ch Basin – Design nnical Guideline A	and mana Agdex 096-	gement requirements 101	% sand of soil tested		SE ONLY Rec	quirements	met:  YES NO
Hydnat oro	draulic conduct urally occurrin tective layer ch Basin – Design nnical Guideline A	and mana Agdex 096-	gement requirements 101	% sand of soil tested		SE ONLY Rec	quirements	met:  YES NO