Technical Document

Part 2 — Technical Requirements



NRCB USE ONLY	Application number	Legal land description
☐ Approval ☐ Registration ☑ Authorization ☐ Amendment	LA23046 NO	5 12-12-23·WH
APPLICATION DISCLOSURE		
This information is collected under the authority of the A provisions of the Freedom of Information and Protection written request that certain sections remain private.		
Any construction prior to obtaining an NRCB permi prosecution.	t is an offence and is subject to enforce	cement action, including
I, the applicant, or applicant's agent, have read and und provided in this application is true to the best of my kno	erstand the statements above, and I acknowledge.	owledge that the information
JAN 31 - 2024		
Date of signing Hutterian Bretern Keho Lake Corporate name (if applicable)	Colony Geovar	Wurz
Corporate name (if applicable)	Print name	
GENERAL INFORMATION REQUIREMENTS	,	
Proposed facilities: list all proposed confined feeding proposed facilities are additions to existing facilities. (a		Indicate whether any of the
Proposed facilities	ittach additional pages il needed)	Dimensions (m) (length, width, and depth)
New laggon (Exp	pand Hog Lagoon)	140 mx 46m
		6m deep.
Existing facilities: list ALL existing confined feeding	<u> </u>	
Existing facilities	Dimensions (m) (length, width, and de	NRCB USE ONLY
NRCB USE ONLY		
	d on the next page. Dimensions	s confirmed
	oses to modify the existing hog	1 원사님은 회사들은 1 12개 원자는 열차 시작한 회사들이 없는 경험을 하면 모양하는 것으로 가는 것을 받는다.
	ove (permitted in LA02039A/LA	

Existing permitted facilities

LA12016	Swine finisher barn extension - 27.0 m x 25.0 m
	Swine quarantine barn - 6.0 m x 9.0 m
LA02039A	 2 cell system (compacted clay/synthetic lined) cell 1: 36.5 m x 45.7 m
To be modified	x 4.2 m deep; cell 2: 55.0 m x 45.7 m x 4.2 m deep
TO BO MICAMICA	This 2 cell system will be modified into a 1 cell system (Approval LA15009)
Development	'Barns' (no quantity or dimensions) Listed below
permit 95-80	
Grandfathered	Swine finisher barn – 36.5 m 61.0 m
facilities	Swine farrowing barn – 77.3 m x 27.0 m
	 Concrete manure storage for swine – 26.0 m in diameter, 3.0 m deep
	Poultry broiler barn – 43.5 m x 11.5 m
	Poultry layer barn – 43.5 m x 10.0 m
	 Turkey barn – 20.5 m x 13.0 m
	Duck/Geese pen – 27.0 m x 25.0 m (with shelter)
	 Dairy barn – 68.0 m x 17.5 m
	 Dairy dry cow area – 61.7 m x 60.0 m
	 Calf barn – 30.0 m x 15.5 m
	 Calf/heifer pen 50.5 m x 28.0 m
	Earthen manure storage for dairy – 41.0 m x 37.0 m x 2.4 m deep
	 Feedlot pens – 32.5 m x 123.0 m (with shelter) and 96.0 m x 57.0 m
	 Sheep barn (two) – 35.7 m x 13.5 m and 30.0 m x 12.0 m
	 Sheep pens – 32.0 m x 31.0 m, 39.0 m x 28.0 m, 16.0 m x 29.0 m



LA23046 TD Page 3 of 29 Application LA23046 Page 3 of 23



a new facility is replacing an old facility, pleas			
			nen. 🖺 N/A
struction completion date for proposed facilit	ties End of	June 2024	
litional information			

vestock numbers: Complete only if livestock numbers	bers are different from wha	at was identified in the Part 1 ap	plication, Note: if
estock numbers increase in your Part 2 application,	a new Part 1 application r	nust be submitted which may re	sult in a loss of
ority for minimum distance separation (MDS).			
Livestock category and type		Proposed increase or	
Livestock category and type Available in the Schedule 2 of the Part 2 Matters	Permitted number	Proposed increase or decrease in number	Total
	Permitted number		
Available in the Schedule 2 of the Part 2 Matters	Permitted number	decrease in number	
Available in the Schedule 2 of the Part 2 Matters	Permitted number	decrease in number	
Available in the Schedule 2 of the Part 2 Matters	Permitted number	decrease in number	
Available in the Schedule 2 of the Part 2 Matters	Permitted number	decrease in number	
Available in the Schedule 2 of the Part 2 Matters	Permitted number	decrease in number	
Available in the Schedule 2 of the Part 2 Matters		decrease in number (if applicable)	
Available in the Schedule 2 of the Part 2 Matters	240 sow farrow to fin	decrease in number (if applicable)	
Available in the Schedule 2 of the Part 2 Matters	240 sow farrow to fin 7,000 Chicken lay	decrease in number (if applicable)	
Available in the Schedule 2 of the Part 2 Matters	240 sow farrow to fin 7,000 Chicken lay 1,000 Chicken broil	decrease in number (if applicable)	
Available in the Schedule 2 of the Part 2 Matters	240 sow farrow to fin 7,000 Chicken lay 1,000 Chicken broil 1,000 Du	ish ers ers	
Available in the Schedule 2 of the Part 2 Matters	240 sow farrow to fin 7,000 Chicken lay 1,000 Chicken broil 1,000 Du 500 Turke	decrease in number (if applicable)	
Available in the Schedule 2 of the Part 2 Matters	240 sow farrow to fin 7,000 Chicken lay 1,000 Chicken broil 1,000 Du	decrease in number (if applicable)	
Available in the Schedule 2 of the Part 2 Matters Regulation)	240 sow farrow to fin 7,000 Chicken lay 1,000 Chicken broil 1,000 Du 500 Turke 250 Gee	decrease in number (if applicable) ish ers ers cks eys	
Available in the Schedule 2 of the Part 2 Matters Regulation)	240 sow farrow to fin 7,000 Chicken lay 1,000 Chicken broil 1,000 Du 500 Turk 250 Geo	ish ers ers eys ese ies	
Available in the Schedule 2 of the Part 2 Matters Regulation) 75 Milking co	240 sow farrow to fin 7,000 Chicken lay 1,000 Chicken broil 1,000 Du 500 Turke 250 Geo ows (plus associated dr and replacemen	decrease in number (if applicable) ish ers ers cks eys ese ies nts)	
Available in the Schedule 2 of the Part 2 Matters Regulation) 75 Milking co	240 sow farrow to fin 7,000 Chicken lay 1,000 Chicken broil 1,000 Du 500 Turke 250 Geo ows (plus associated dr and replacement	decrease in number (if applicable) ish ers ers cks eys ese ies its) bs)	
Available in the Schedule 2 of the Part 2 Matters Regulation) 75 Milking co	240 sow farrow to fin 7,000 Chicken lay 1,000 Chicken broil 1,000 Du 500 Turke 250 Geo ows (plus associated dr and replacemen	decrease in number (if applicable) ish ers ers cks eys ese ies its) bs)	
Available in the Schedule 2 of the Part 2 Matters Regulation) 75 Milking co	240 sow farrow to fin 7,000 Chicken lay 1,000 Chicken broil 1,000 Du 500 Turke 250 Geo ows (plus associated dr and replacement	decrease in number (if applicable) ish ers ers cks eys ese ies its) bs)	
Available in the Schedule 2 of the Part 2 Matters Regulation) 75 Milking co	240 sow farrow to fin 7,000 Chicken lay 1,000 Chicken broil 1,000 Du 500 Turke 250 Geo ows (plus associated do and replacement Sheep (ewes with lam 700 Feeder ca	decrease in number (if applicable) ish ers ers cks eys ese ites its) bs)	
(Available in the Schedule 2 of the Part 2 Matters Regulation) 75 Milking Co	240 sow farrow to fin 7,000 Chicken lay 1,000 Chicken broil 1,000 Du 500 Turke 250 Geo ows (plus associated do and replacement Sheep (ewes with lam 700 Feeder ca	decrease in number (if applicable) ish ers ers cks eys ese ites its) bs)	
Available in the Schedule 2 of the Part 2 Matters Regulation) 75 Milking co	240 sow farrow to fin 7,000 Chicken lay 1,000 Chicken broil 1,000 Du 500 Turke 250 Geo ows (plus associated do and replacement Sheep (ewes with lam 700 Feeder ca	decrease in number (if applicable) ish ers ers cks eys ese ites its) bs)	
(Available in the Schedule 2 of the Part 2 Matters Regulation) 75 Milking co	240 sow farrow to fin 7,000 Chicken lay 1,000 Chicken broil 1,000 Du 500 Turke 250 Geo ows (plus associated do and replacement Sheep (ewes with lam 700 Feeder ca	decrease in number (if applicable) ish ers ers cks eys ese ites its) bs)	
(Available in the Schedule 2 of the Part 2 Matters Regulation) 75 Milking co	240 sow farrow to fin 7,000 Chicken lay 1,000 Chicken broil 1,000 Du 500 Turke 250 Geo ows (plus associated do and replacement Sheep (ewes with lam 700 Feeder ca	decrease in number (if applicable) ish ers ers cks eys ese ites its) bs)	



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

DECLARATION AND ACKNOWLEDGMENT OF APPLICANT CONCERNING WATER ACT LICENCE

issued by Alberta Environment and Protected Areas (EPA) for a confined feeding operation (CFO)

Date and sign one of the following four options

	I DO want my water licence application coupled to my AOPA permit application.
Sigi	ned thisday of, 20
	Signature of Applicant or Agent
<u>OP</u>	TION 2: Processing the AOPA permit and Water Act licence separately
1.	I (we) acknowledge that the CFO will need a new water licence from EPA under the Water Act for the development or activity proposed in this AOPA application.
2.	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 <i>Water Act</i> .
4.	I (we) acknowledge that any construction or actions to populate the CFO with livestock pursuant to an AOPA permit in the absence of a <i>Water Act</i> licence will not be relevant to EPA's consideration of whether to grant the <i>Water Act</i> licence application.
5.	I (we) acknowledge that any such construction or livestock populating will be at the CFO's sole risk if the <i>Water Act</i> licence application is denied or if the operation of the CFO is otherwise deemed to be in violation of the <i>Water Act</i> . This risk includes being required to depopulate the CFO and/or to cease
6.	further construction, or to remove "works" or "undertakings" (as defined in the <i>Water Act</i>). AS RELEVANT: I (we) acknowledge that the CFO is located in the South Saskatchewan River Basin and that, pursuant to the <i>Bow, Oldman and South Saskatchewan River Basin Water Allocation Order</i>
7.	[Alta. Reg. 171/2007], this basin is currently closed to new surface water allocations. Provide: Water licence application number(s)
Sig	ned this day of, 20
	Signature of Applicant or Agent
<u>OP</u>	TION 3: Additional water licence not required
1.	I (we) declare that the CFO will not need a new licence from EPA under the Water Act for the
2.	development or activity proposed in this AOPA application. Provide: Water license number(s) or water conveyance agreement details (AO comment: See below)
6:	ned this 4 day of Dee , 2023.
Sig	ned this day or, 20_2.



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

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 <u>not</u> 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.

		asin is currently closed to new ber(s) or water conveyance a	
Signed this	day of	, 20	Signature of Applicant or Agent

BETWEEN:

LETHBRIDGE NORTHERN IRRIGATION DISTRICT

A Body Corporate duly constituted pursuant to the provisions of the Irrigation Districts Act. (hereinafter called the "District").

- and -

HUTTERIAN BRETHREN CHURCH OF KEHO LAKE Box 125 BARONS, ALBERTA TOL 0G0

(hereinafter called the "Applicant")

WATER CONVEYANCE AGREEMENT – TYPE 2

(Irrigation Districts Act, Section 21)

BACKGROUND

- The District owns an extensive system of irrigation works (the "irrigation works of the District"), and operates those pursuant to the provisions of the Irrigation Districts Act.
- The Applicant is the owner (or purchaser or lessee) of a parcel of land legally described as:

The South East Quarter of Section Twelve (12) Township Twelve (12) Range Twenty Three (23) West of the Fourth Meridian containing 160.0 Acres More or Less

- The Applicant desires to divert water from the irrigation works of the District at a designated point of delivery ("Point of Delivery") as shown on Schedule "A", for Agricultural purposes.
- The District has agreed to allow the Applicant to divert a maximum of 20.0 acre-feet of water (the "Volume Allocation"), on a yearly basis, from the irrigation works of the District, subject to and upon the terms and conditions herein contained.

LA23046 TD Page 7 of 29

<u>Turnout</u>. The Applicant shall be responsible for the costs of the design, installation, operation and maintenance of a turnout at the Point of Delivery and for all additions and modifications to the irrigation works of the District required to accommodate the turnout. The design, installation, operation and maintenance of the turnout shall comply with District specifications and standards and require the prior written approval of the District prior to the installation or any maintenance thereof.

In the event the Applicant fails to install, operate or maintain the turnout in compliance with District specifications the District may serve written notice to that effect upon the Applicant in which the District shall state the nature of the deficiency and set out a reasonable time period within which the Applicant shall correct the deficiency failing which the District, at its sole discretion, may terminate this Agreement in accordance with Clause 9, or effect the required repairs or maintenance and the costs of which shall form a debt due to the District by the Applicant.

At the conclusion of the term of this Agreement or premature termination thereof in accordance with Clause 9, all work and structures installed in accordance with this Clause 2 shall become the property of the District and the Applicant shall have no further rights thereto.

- 3. Rights-of-Way. The Applicant shall be responsible for securing all rights-of-way, easements, and authorities to carry the water from the Point of Delivery as designated herein to the point of use and for the provision of any conveyance works necessary to carry the water from the Point of Delivery to the point of use.
- 4. Water Measuring Devices. During the continuance of the Agreement the District may request that a water measuring device be installed to record the water volume diverted from the District's irrigation works by the Applicant. The Applicant shall, within one (1) year upon receipt of such a request install such water measuring devices, which must first be approved by the District, acting reasonably both as to suitability and as to location. The Applicant shall bear the entire cost of supply, installation by the District, repair, alteration and maintenance of such water measuring devices.
- 5. Water Quality. The Applicant acknowledges and agrees that the water in the irrigation system of the District may not be potable or may not be suitable for irrigation or other purposes, and the District makes no representation, warranty or guarantee, express or implied that the water delivered under this Agreement is potable and fit for human consumption or suitable for irrigation purposes, livestock watering or recreational use.

The Applicant agrees to accept the water delivered in the condition in which it may be found at the Point of Delivery from time to time and to provide such additional treatment or filtering as the Applicant considers necessary.

The Applicant acknowledges that the irrigation system of the district is an open ditch system subjecting the water therein to contamination from all manner of environmental, human and animal factors beyond the control of the District and that the District does not regulate, control or monitor the quality of the water in its system.

- 6. **District Water Delivery Policies.** The Applicant agrees to comply with and be bound by all by-laws, regulations, policies, procedures and directives of the District in effect from time to time which includes, but is not limited to:
 - a. the date of the commencement of the Irrigation Season and the date of the range at 150 Application LA23046 Page 8 of 23

Liability and Indemnity.

Each party (the "Indemnifying Party") agrees to indemnify and save harmless the other party, its agents and employees from and against any and all damage, injury, loss, costs, causes of action, and claims suffered or incurred by the other party, its agents or employees and which are caused either directly or indirectly or contributed to in whole or in part by the negligence or breach of this Agreement by the Indemnifying Party, its agents and employees and in respect of which the Indemnifying Party, its agents or employees is held liable or is otherwise responsible in law and to the extent to that responsibility in whole or in part.

The Applicant assumes sole responsibility for the control of all water diverted at the Point of Delivery and for all damage caused by that water in any manner however caused, including the malfunction, failure, or destruction of the turnout or associated irrigation works of the District that were subject to work or modification during the installation of the turnout and releases and indemnifies the District from all liability with respect to any losses or damage incurred by anyone as a direct or indirect result thereof, including costs as between solicitor and own client.

The Applicant assumes full responsibility for and agrees to indemnify and save harmless the District and its agents and employees from all claims for bodily injury or property damage arising out of the discharge, dispersal, release or escape of smoke, vapours, soot, fumes, acids, alkalis, toxic chemicals, fossil fuels, fossil or synthetic lubricants, liquids or gases, waste materials or other irritants, contaminants or pollutants into or upon the Parcel, the atmosphere or any water of any description no matter where located or how contained, or into any watercourse whether natural or artificial, including the irrigation works of the District, or a drainage or sewage system.

- 8. Payment. The Applicant shall pay to the District, on or before December 31st each year during the currency of this Agreement, such amounts as are from to time prescribed under the District's Water Conveyance Agreement Type 2 fee established under Section 115 of the Irrigation Districts Act. Should the Applicant fail to pay to the District all or any portion of these fees payable pursuant to this Agreement by the close of business on December 31st of any year, the Applicant shall pay to the District an additional interest charge as prescribed by District Resolution. Should the Applicant fail to pay all amounts outstanding, including interest charges, by the close of business February 28th of the following year, this Agreement will be terminated pursuant to Clause 9 of this Agreement.
- 9. <u>Termination.</u> Should the Applicant at any time or from time to time fail to comply with each and every one of the covenants, conditions or obligations to be observed and preformed by the Applicant under this Agreement, the District shall be entitled to terminate this Agreement upon providing thirty (30) days notice in writing to the Applicant.

In the event that the Applicant diverts in excess of the Volume Allocation pursuant to Section 1 hereof, however, the District shall be entitled to immediately terminate this Agreement by providing notice in writing of such termination to the Applicant.

Termination of this Agreement resulting from non-payment of fees and interest charges shall not relieve the Applicant from its obligations herein, including without himitations, the payment of fees and interest charges.

Application LA23046 Page 9 of 23

- Entire Agreement. Other than the matters described herein, this Agreement constitutes the entire Agreement between the parties hereto with respect to the subject matter hereof and supersedes all prior negotiations, proposals, and Agreements, whether oral or written with respect to the subject matter hereof.
- 13. <u>Notices.</u> Any notices required to be given under the terms hereof shall be given by any party hereto by delivering such notice personally to the addressee wherever he or she may be found, or sent by registered mail to the address set out in the heading to this Agreement. In the event that such notice is sent by registered mail, it shall be deemed to have been received seven (7) days from the date of mailing.
- 14. Governing Law and Attornment. This Agreement shall be governed by the laws of the Province of Alberta and the parties hereto agree to irrevocably attorn to the jurisdiction of the Courts of Alberta and agree that any proceedings taken in respect of this Agreement shall be taken in such Courts and in no other.
- 15. <u>Severability.</u> The unlawfulness, invalidity or unenforceability of any provision in this Agreement or of any covenant herein contained on the part of any party shall not affect the validity or enforceability of any other provisions or covenant hereof or herein contained.
- 16. **Further Acts.** Each of the parties to this Agreement shall at the request of the other party hereto, and at their own expense, execute and deliver any further documents and do all acts and things as that party may reasonably require to carry out the true intent and meaning of this Agreement.
- 17. <u>Amendments.</u> No term or provision hereof may be amended except by an instrument in writing signed by all of the parties to this Agreement.
- 18. Assignment or Transfer. This Agreement cannot be transferred or assigned to any other party.

LETHBRIDGE NORTHERN IRRIGATION DISTRICT



WITNESS

(print name)

HUTTERIAN BRETHREN CHURCH OF KEHO LAKE

PER

LA23046 TD Page 10 of 29

CONSENT of LESSOR

Application LA23046 Page 10 of 23

BETWEEN:

LETHBRIDGE NORTHERN IRRIGATION DISTRICT

A Body Corporate duly constituted pursuant to the provisions of the Irrigation Districts Act. (hereinafter called the "District").

- and -

HUTTERIAN BRETHREN CHURCH OF KEHO LAKE Box 125 BARONS, ALBERTA TOL 0G0

(hereinafter called the "Applicant")

C2. 23-12-12-40-5W

WATER CONVEYANCE AGREEMENT – TYPE 2

(Irrigation Districts Act, Section 21)

BACKGROUND

- The District owns an extensive system of irrigation works (the "irrigation works of the District"), and operates those pursuant to the provisions of the Irrigation Districts Act.
- The Applicant is the owner (or purchaser or lessee) of a parcel of land legally described as:

The South West Quarter of Section Twelve (12) Township Twelve (12) Range Twenty Three (23) west of the Fourth Meridian containing 160.0 Acres More or Less

- The Applicant desires to divert water from the irrigation works of the District at a designated point of delivery ("Point of Delivery") as shown on Schedule "A", for Agricultural purposes.
- The District has agreed to allow the Applicant to divert a maximum of 20.0 acre-feet of water (the "Volume Allocation"), on a yearly basis, from the irrigation works of the District subject to and upon the terms and conditions herein contained.

 Application LA23046 Page 11 of 23

Turnout. The Applicant shall be responsible for the costs of the design, installation, operation and maintenance of a turnout at the Point of Delivery and for all additions and modifications to the irrigation works of the District required to accommodate the turnout. The design, installation, operation and maintenance of the turnout shall comply with District specifications and standards and require the prior written approval of the District prior to the installation or any maintenance thereof.

In the event the Applicant fails to install, operate or maintain the turnout in compliance with District specifications the District may serve written notice to that effect upon the Applicant in which the District shall state the nature of the deficiency and set out a reasonable time period within which the Applicant shall correct the deficiency failing which the District, at its sole discretion, may terminate this Agreement in accordance with Clause 9, or effect the required repairs or maintenance and the costs of which shall form a debt due to the District by the Applicant.

At the conclusion of the term of this Agreement or premature termination thereof in accordance with Clause 9, all work and structures installed in accordance with this Clause 2 shall become the property of the District and the Applicant shall have no further rights thereto.

- 3. Rights-of-Way. The Applicant shall be responsible for securing all rights-of-way, easements, and authorities to carry the water from the Point of Delivery as designated herein to the point of use and for the provision of any conveyance works necessary to carry the water from the Point of Delivery to the point of use.
- 4. Water Measuring Devices. During the continuance of the Agreement the District may request that a water measuring device be installed to record the water volume diverted from the District's irrigation works by the Applicant. The Applicant shall, within one (1) year upon receipt of such a request install such water measuring devices, which must first be approved by the District, acting reasonably both as to suitability and as to location. The Applicant shall bear the entire cost of supply, installation by the District, repair, alteration and maintenance of such water measuring devices.
- 5. Water Quality. The Applicant acknowledges and agrees that the water in the irrigation system of the District may not be potable or may not be suitable for irrigation or other purposes, and the District makes no representation, warranty or guarantee, express or implied that the water delivered under this Agreement is potable and fit for human consumption or suitable for irrigation purposes, livestock watering or recreational use.

The Applicant agrees to accept the water delivered in the condition in which it may be found at the Point of Delivery from time to time and to provide such additional treatment or filtering as the Applicant considers necessary.

The Applicant acknowledges that the irrigation system of the district is an open ditch system subjecting the water therein to contamination from all manner of environmental, human and animal factors beyond the control of the District and that the District does not regulate, control or monitor the quality of the water in its system.

- 6. <u>District Water Delivery Policies.</u> The Applicant agrees to comply with and be bound by all by-laws, regulations, policies, procedures and directives of the District in effect from time to time which includes, but is not limited to:
 - a. the date of the commencement of the Irrigation Season and the date of Period nation thereof;

 Application LA23046 Page 12 of 23

Liability and Indemnity.

Each party (the "Indemnifying Party") agrees to indemnify and save harmless the other party, its agents and employees from and against any and all damage, injury, loss, costs, causes of action, and claims suffered or incurred by the other party, its agents or employees and which are caused either directly or indirectly or contributed to in whole or in part by the negligence or breach of this Agreement by the Indemnifying Party, its agents and employees and in respect of which the Indemnifying Party, its agents or employees is held liable or is otherwise responsible in law and to the extent to that responsibility in whole or in part.

1

The Applicant assumes sole responsibility for the control of all water diverted at the Point of Delivery and for all damage caused by that water in any manner however caused, including the malfunction, failure, or destruction of the turnout or associated irrigation works of the District that were subject to work or modification during the installation of the turnout and releases and indemnifies the District from all liability with respect to any losses or damage incurred by anyone as a direct or indirect result thereof, including costs as between solicitor and own client.

The Applicant assumes full responsibility for and agrees to indemnify and save harmless the District and its agents and employees from all claims for bodily injury or property damage arising out of the discharge, dispersal, release or escape of smoke, vapours, soot, fumes, acids, alkalis, toxic chemicals, fossil fuels, fossil or synthetic lubricants, liquids or gases, waste materials or other irritants, contaminants or pollutants into or upon the Parcel, the atmosphere or any water of any description no matter where located or how contained, or into any watercourse whether natural or artificial, including the irrigation works of the District, or a drainage or sewage system.

- 8. Payment. The Applicant shall pay to the District, on or before December 31st each year during the currency of this Agreement, such amounts as are from to time prescribed under the District's Water Conveyance Agreement Type 2 fee established under Section 115 of the Irrigation Districts Act. Should the Applicant fail to pay to the District all or any portion of these fees payable pursuant to this Agreement by the close of business on December 31st of any year, the Applicant shall pay to the District an additional interest charge as prescribed by District Resolution. Should the Applicant fail to pay all amounts outstanding, including interest charges, by the close of business February 28th of the following year, this Agreement will be terminated pursuant to Clause 9 of this Agreement.
- 9. <u>Termination.</u> Should the Applicant at any time or from time to time fail to comply with each and every one of the covenants, conditions or obligations to be observed and preformed by the Applicant under this Agreement, the District shall be entitled to terminate this Agreement upon providing thirty (30) days notice in writing to the Applicant.

In the event that the Applicant diverts in excess of the Volume Allocation pursuant to Section 1 hereof, however, the District shall be entitled to immediately terminate this Agreement by providing notice in writing of such termination to the Applicant.

Termination of this Agreement resulting from non-payment of fees and interest charges shall not relieve the Applicant from its obligations herein, including Agricultural on the payment of fees and interest charges.

Application LA23046 Page 13 of 23

- Entire Agreement. Other than the matters described herein, this Agreement constitutes the entire Agreement between the parties hereto with respect to the subject matter hereof and supersedes all prior negotiations, proposals, and Agreements, whether oral or written with respect to the subject matter hereof.
- Notices. Any notices required to be given under the terms hereof shall be given by any party hereto by delivering such notice personally to the addressee wherever he or she may be found, or sent by registered mail to the address set out in the heading to this Agreement. In the event that such notice is sent by registered mail, it shall be deemed to have been received seven (7) days from the date of mailing.
- 14. Governing Law and Attornment. This Agreement shall be governed by the laws of the Province of Alberta and the parties hereto agree to irrevocably attorn to the jurisdiction of the Courts of Alberta and agree that any proceedings taken in respect of this Agreement shall be taken in such Courts and in no other.
- 15. Severability. The unlawfulness, invalidity or unenforceability of any provision in this Agreement or of any covenant herein contained on the part of any party shall not affect the validity or enforceability of any other provisions or covenant hereof or herein contained.
- 16. Further Acts. Each of the parties to this Agreement shall at the request of the other party hereto, and at their own expense, execute and deliver any further documents and do all acts and things as that party may reasonably require to carry out the true intent and meaning of this Agreement.
- 17. <u>Amendments.</u> No term or provision hereof may be amended except by an instrument in writing signed by all of the parties to this Agreement.
- 18. <u>Assignment or Transfer.</u> This Agreement cannot be transferred or assigned to any other party.

LETHBRIDGE NORTHERN IRRIGATION DISTRICT



WITNESS

(print name)

HUTTERIAN BRETHREN CHURCH OF KEHO LAKE

SCHEDULE "A" LOCATION PLAN



12

S.W. 12-12-23-4

NOTE: THE WATER FOR THIS AGREEMENT IS DIVERTED FROM THE MAIN CANAL IN S.W. 3-12-23-4.

GENERAL ENVIRONMENTAL INFORMATION

of the manure storage facility or

How many water wells are within

facility or manure collection area?

What is the shortest distance from

the manure collection or storage

facility to a surface water body? (e.g., lake, creek, slough, seasonal)

What is the depth to the water

groundwater resource/aguifer you

What is the depth to the

draw water from?

100 m of the manure storage

manure collection area?



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

(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: Proposed 1: Proposed 2: Proposed 3: **Facilities NRCB USE ONLY** Facility and environmental risk information Meets Existing Proposed 1 Proposed 2 Proposed 3 Comments requirements Flood plain information What is the elevation of the floor of the lowest manure storage or X YES NO Not located in flood plain □ >1 m □ >1 m □ > 1 m collection facility above the 1:25 ≤ 1 m ≤ 1 m ≤ 1 m YES with year flood plain or the highest known flood level? exemption YES NO How many springs are within 100 m None observed or recorded in FPA

☐ YES with

YES with

YES with

YES with

YES with

exemption

exemption NO

exemption

exemption

YES NO

X YES NO

X YES NO

exemption

database

Confirmed

ground level

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

table?

Surface water

Sroundwater information

information

Confirmed (CBW is a small creek

Below 9 m (measured by applicant)

Distance approximately 100 m

Shallowest well is #194153

with UGR at 16.76 m below

flowing into Keho Lake with surrounding wetlands



Modified EMS low low LA23046 If for existing facilities Facility Groundwater score Surface water score File numb low 12/9/2022 feedlot low low 12/9/2022	Modified EMS low low LA23046 If for existing facilities Facility Groundwater score Surface water score File number low low 12/9/2022 feedlot low low 12/9/2022	Modified EMS low low LA23046 If for existing facilities Facility Groundwater score Surface water score File number low low 12/9/2022 feedlot low low 12/9/2022	Modified EMS low low LA23046 If for existing facilities Facility Groundwater score Surface water score File number airy low low 12/9/2022 feedlot low low 12/9/2022	f for <u>proposed</u> facilities Facility	Groundwater score	Surface water score	File number
Facility Groundwater score Surface water score File numb airy low low 12/9/2022 feedlot low low 12/9/2022	ST for existing facilities Facility Groundwater score Surface water score File number low low 12/9/2022	ST for existing facilities Facility Groundwater score Surface water score File number low low 12/9/2022 feedlot low low 12/9/2022	ST for existing facilities Facility Groundwater score Surface water score File number low low 12/9/2022 feedlot low low 12/9/2022				
Facility Groundwater score Surface water score File numb airy low low 12/9/2022 feedlot low low 12/9/2022	Facility Groundwater score Surface water score File number low low 12/9/2022 feedlot low low 12/9/2022	Facility Groundwater score Surface water score File number airy low low 12/9/2022 feedlot low low 12/9/2022	Facility Groundwater score Surface water score File number low low 12/9/2022 feedlot low low 12/9/2022	Modified EMS	low	IOW	LA23046
Facility Groundwater score Surface water score File numb airy low low 12/9/2022 feedlot low low 12/9/2022	Facility Groundwater score Surface water score File number low low 12/9/2022 feedlot low low 12/9/2022	Facility Groundwater score Surface water score File number airy low low 12/9/2022 feedlot low low 12/9/2022	Facility Groundwater score Surface water score File number low low 12/9/2022 feedlot low low 12/9/2022				
Facility Groundwater score Surface water score File numb airy low low 12/9/2022 feedlot low low 12/9/2022	Facility Groundwater score Surface water score File number low low 12/9/2022 feedlot low low 12/9/2022	Facility Groundwater score Surface water score File number airy low low 12/9/2022 feedlot low low 12/9/2022	Facility Groundwater score Surface water score File number low low 12/9/2022 feedlot low low 12/9/2022				
Facility Groundwater score Surface water score File numb airy low low 12/9/2022 feedlot low low 12/9/2022	Facility Groundwater score Surface water score File number low low 12/9/2022 feedlot low low 12/9/2022	Facility Groundwater score Surface water score File number airy low low 12/9/2022 feedlot low low 12/9/2022	Facility Groundwater score Surface water score File number low low 12/9/2022 feedlot low low 12/9/2022				
Facility Groundwater score Surface water score File numb airy low low 12/9/2022 feedlot low low 12/9/2022	Facility Groundwater score Surface water score File number low low 12/9/2022 feedlot low low 12/9/2022	Facility Groundwater score Surface water score File number airy low low 12/9/2022 feedlot low low 12/9/2022	Facility Groundwater score Surface water score File number low low 12/9/2022 feedlot low low 12/9/2022				
Facility Groundwater score Surface water score File numb airy low low 12/9/2022 feedlot low low 12/9/2022	Facility Groundwater score Surface water score File number airy low low 12/9/2022 feedlot low low 12/9/2022	Facility Groundwater score Surface water score File number airy low low 12/9/2022 feedlot low low 12/9/2022	Facility Groundwater score Surface water score File number airy low low 12/9/2022 feedlot low low 12/9/2022	T for a single or for all the contract of the			
airy low low 12/9/2022 feedlot low low 12/9/2022	airy	airy	airy		Constitution accus	L Comfort western seems	[Ella musahan
feedlot low low 12/9/2022	feedlot low low 12/9/2022	feedlot low low 12/9/2022	feedlot low low 12/9/2022	Facility			
				airy	low	low	12/9/2022
	ST related comments:	ST related comments:	ST related comments:	feedlot	low	low	12/9/2022
	ST related comments:	ST related comments:	ST related comments:				
	ST related comments:	ST related comments:	ST related comments:				
Fredstad comments:	ST related comments:	ST related comments:	ST related comments:				
Fredstad comments:	ST related comments:	ST related comments:	ST related comments:				
Fredstad comments:	ST related comments:	ST related comments:	ST related comments:				
Fuelated comments:	ST related comments:	ST related comments:	ST related comments:				
related comments.				ST related comments:			



NRCB USE ONLY WATER WEL		WATER INFORMATI	ON	
Well IDs:	Water wells ID: 1	.94153, 194160/ -63/ -6	7 No wells within	1 400 m of a MSF/MCA
		rectly affected parties or refe		☐ YES ☑ NO
		ectly affected parties or refe	rral agencies:	☐ YES 🔼 NO
Water wells	☑ N/A			
		ance requirements applied:	☐ YES ☐ NO Condition	required: YES NO
Surface water			7	
If applicable, exe	mption for 30 m dista	nce requirements applied: [」YES □ NO Condition	required: YES NO
Water Well Exe	mption Screening T	ool 🛚 N/A		
Wate	er Well ID	Preliminary Screening	Secondary Screening	Facility
		Score	Score	
Groundwater o	r surface water rela	ted comments:		



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

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

					NRCB USE ON	LY	
Neighbour name(s)	Legal land description	Distance (m)	Zoning (LUB) category	MDS category (1-4)	Distance (m)	Waiver attached (if required)	Meets regulations
Fleming	NE 3-12-24 W4	3,500m	RA	1	> 3 km		yes
/			(Rural Agricultu	re)			

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

				NRCB US	SE ONLY
Name of land owner(s)*	Legal land description	Usable area** (ha)	Soil zone ***	Usable area (ha)	Agreement attached (if required)
				NA> no increase in	annual manure
				production	
			Total		

^{*} 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)

^{**} 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)

^{***} Brown, dark brown, black, grey wooded, or irrigated



NRCB USE ONLY			
MINIMUM DISTANCE SEPARATION			
Methods used to determine distance (if applicable): _	goog	gle earth	
Margin of error (if applicable): +/- 2 m			
Requirements (m): Category 1: 553 m Cat	tegory 2:	738 m Category 3: 922 m	_ Category 4: <u>1475 m</u>
Technology factor:		☐ YES Ž	ON Ž
Expansion factor:		☐ YES D	NO NO
MDS related concerns from directly affected parties of	r referra	l agencies:	I NO
LAND BASE FOR MANURE AND COMPO	ST API	PLICATION	
Land base required:		10 / in annual manual manual	l
Land base listed:	IN.	IA (no increase in annual manure proc	iuction)
Area not suitable:			
Available area		Requirement met:	□ NO
Land spreading agreements required: $\ \square$ YES	□ NO		
Manure management plan: $\ \square$ YES	□ NO	If yes, plan is attached: \Box	l
PLANS			
Submitted and attached construction plans:	X YES	□ NO	
Submitted aerial photos:	X YES	□ NO	
Submitted photos:	☐ YES	⊠ NO	
GRANDFATHERING			
Already completed:	X YES	□ NO □ N/A	
If already completed, see Approval LA15009			



NRCB USE ONLY					
ALL SIGNATURES	IN FILE	XYES []no		
DATES OF APPROV	AL OFFICER SITE V	ISITS			
January 29, 2024					
CORRESPONDENCE	WITH MUNICIPAL	ITIES AN	ND REFERRAL	AGENCIES	
Date deeming letters sent				-	
Municipality: Lethbr	idge County			_	
✓ letter sent	response received	× writter	n/email 🔲	verbal	no comments received
Alberta Health Services	s:				
☑ letter sent	response received	☐ writter	n/email 🔲	verbal [no comments received
Alberta Environment a	nd Parks:				
☑ letter sent	response received	× writter	n/email \square	verbal	no comments received
Alberta Transportation	:				
✓ letter sent	I response received	× writter	n/email 🔲	verbal	no comments received
Alberta Regulatory Ser	vices: N/A				
☐ letter sent	response received	☐ writter	n/email 🔲	verbal	no comments received
Other: LNID				□ N/A	
✓ letter sent	X response received	M writter	n/email Π		☐ no comments received
Tetter Sent	- response received	_ writter	, cinali	Verbai	_ no comments received
Other:Little Bow G	as Coop			🗆 N/A	
✓ letter sent	response received	☐ writter	n/email 🔲	verbal	No comments received

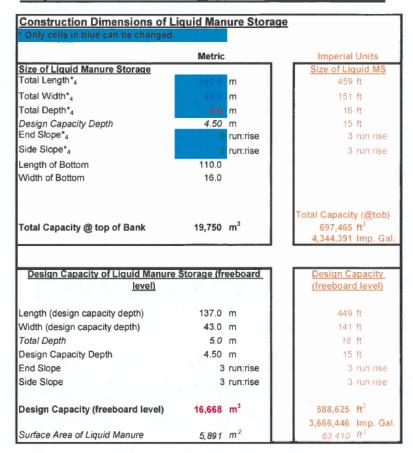


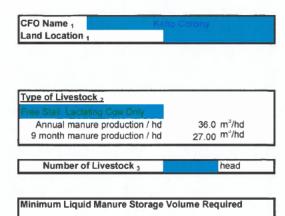
com	plete a copy	or this sec	tion for EACH	proposed earthen	ilquia man	ure storage f	Compact acility with a	a compacted soil line	er)
acil	ity descrip	tion / nam	e (as indicate	d on site plan)	1	Modified lie	quid man	ure storage	
					2				
an	ure storage	capacity	(complete a se	eparate row of this	s table for e	each cell of th	e EMS)	11000 110	
						Slope run:ris	е	NRCB US	EONLY
	Length (m)	Width (m)	Total depth (m)	Depth below ground level (m)	Inside end walls	Inside side walls	Outside walls	Calculated storage capacity (excl. 0.5 m freeboard) (m³)	Filled in lowe 1/4? Y/N
1.	140m	46m	lem	6 m	3101	361	N/C	16,668 m³	yes
2.						TOTAL	. CAPACITY		
ırf	ace water o	ontrol sys	tems						
	ing		burm.	, that penetrates t	the liner				
	ing cribe sealing	g practices	burm,				LISE ONLY		
Des	ing scribe sealing	g practices	burm,	. that penetrates t			USE ONLY Requiren	nents met: X YES	□ NO
Des	ing cribe sealing	practices	burm. for piping, etc.	. that penetrates t	oncre	NRCB	Requiren		□ NO
Des	ing cribe sealing	Sea (for piping, etc.	that penetrates t	re protected	NRCB	Requiren		□ NO
ine Des	ing cribe sealing r protection cribe how the	Sea (burm. for piping, etc. of alls, bottom ar	that penetrates to the contract of the contrac	re protected	NRCB	Requiren		□ NO
ine Des	ing scribe sealing r protection scribe how the	practices: Sea (ne inside was concurrent to the physical of	for piping, etc. OF alls, bottom ar of SP integrity of the	that penetrates to the control outside walls are liner will be main	re protected	NRCB	Requiren		□NO
Line	ing scribe sealing r protection scribe how the	practices: Sea (ne inside was concurrent to the physical of	for piping, etc. OF alls, bottom ar of SP integrity of the	that penetrates to the control outside walls are lash pad	re protected	NRCB	Requiren	nents met: X YES	



Provide compacted liner details (as required)					
1					
% cla					
Plasticity inde					
see below					
ents met: YES NO					
required: X YES NO ached: X YES NO					
acried: A YES I NO					
noisture content, to test according to Technical Guideli					
hy.					
WAS STREET					

Liquid Manure Storage Volume Calculator

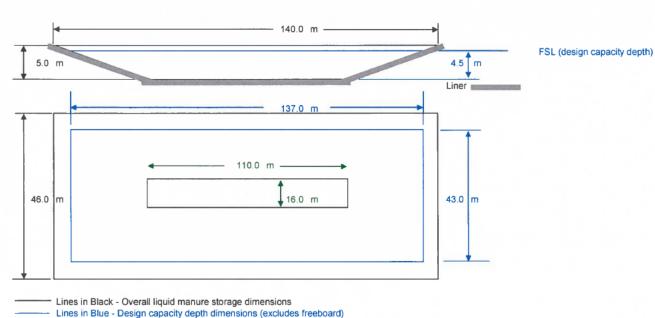




** Design capacity of liquid manure storage should be equal to, or greater than, minimum storage volume required.

Imp. Gal

m³ "



NTS - Not To Scale



NRCB USE ONLY		
LIQUID MANURE STORAGE VOLUME CALCU	LATOR (if application	able)
Facility 1		
Name / description modified lagoon (hogs)	Capacity	16,668 m ³
Facility 2		
Name / description dairy lagoon	Capacity	1,757 m³
Facility 3		
Name / description	Capacity	
Facility 4	<u> </u>	
Name / description	Capacity	
	TOTAL CAPACITY	18,425 m ³
REQUIRED 9 MONTH ST	6,345 m ³	
MEETS THE REQUIREMENTS FOR A MINIMUM OF 9 N	ĭ∆YES □ NO	

Moisture - Density Relationship Report



WSP Canada Inc. 3102 12 Avenue North Lethbridge, AB T1H 5V1 Tel: +1-403-327-7474

TO: Hutterian Brethren of Keho Lake Box 125 Barons, AB T0L 0G0

Project No.: BX30312

ATTENTION: Henry

JN. Henry

PROJECT: Geotechnical Consulting Services

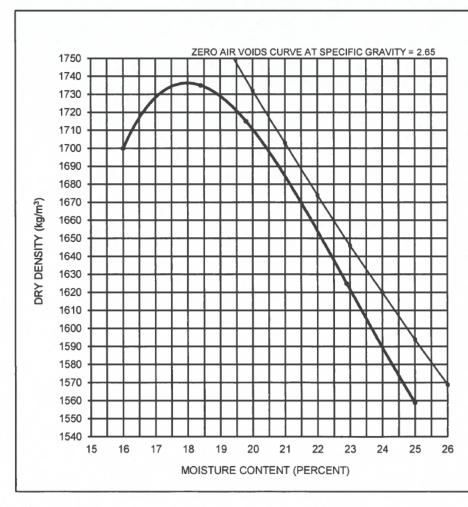
Earthen Storage Lagoon

Email: keholakecolony@gmail.com

COMPACTION STANDARD	X ASTM D698 ASTM D1557		ASTM D	558	METHOD:	Α	
DRY DENSITY kg/m ³	1700	1735	1715	1625	1559		
MOISTURE CONTENT (%)	16.0	18.4	19.8	22.9	25.0		

MAXIMUM DRY DENSITY: 1736 kg/m³
OPTIMUM MOISTURE CONTENT: 18.0 %

source: Dugout Excavation



DATE SAMPLED: 20-Feb-24
SAMPLED BY: CLIENT
DATE RECEIVED: 20-Feb-24

SAMPLE NO.: 1

AUTO X MANUAL PREPARATION X MOIST

X MOIST
DRY
PERCENT RETAINED

4.75 mm SCREEN
9.50 mm SCREEN
19.0 mm SCREEN

SOIL DESCRIPTION: Clay

Per: John Lobbezoo, P.Eng.

PERMEABILITY TEST



CLIENT :	Hutterian Brethren Church of Keho							
PROJECT :	Materials Testing Services - Clay Liner Material							
JOB No. :	BX30312100				St			
	NE-12-012-2				SAMPLE:			
BOREHOLE:	Composite: Dugout Excavation				DEPTH:			
DATE :	02-Jan-24				TECHNICIAN:	WK		
(SAMPLE DAT	A			
Sample Description		Medium Plas	tic Clay					
Sample Diameter (m	ım) :	101.4			Cross Section Ar	ea (cm²		
					L.			
-								
7					Tr			7
V.								
						2		
·								***
_							e E	
7								
					[i			_
	(/ K				[j
	7						1	
				i i				
					ĺ			
				į.				
				- A				4
	-							
				- 4	1			- 7-
			i		, , , , , , , , , , , , , , , , , , ,			
					1			
								-

PERMEABILITY TEST



CLIENT :	Hutterian Br	ethren Churc	h of Keho					
		sting Service		r Material				
	BX30312100							
	NE-12-012-23-W4M				SAMPLE:			
	Composite: Dugout Excavation			DEPTH:				
	02-Jan-24			TECHNICIAN: WK				
DATE.	SAMPLE DAT							
Sample Description	<u> </u>	Medium Plast		OAINI LL DAT	Α			
Sample Diameter (mm): 101.4					Cross Section Ar	rea (cm²)	80.7	
	ial Sample Length (mm): 112 Initial Volume (cm³)					904.0		
Final Sample Length		112			Final Volume(cm³) 904.0			
· · · · · · · · · · · · · · · · · · ·	. ()				Change in Volum			
	MOISTURE	DETERMINA	TION			DENSITY DETE	RMINATION	
			Before	After			Before	After
Tare No. :					Mould No.			
Wt. Sample (wet + ta	are) (a)		189.4	431.9	Wt. Sample (wet	+ mould) (a)	3892.9	3943.7
Wt. Sample (dry + ta			160.3		Wt. Mould (g)	7 (37	2004.2	2004.2
Wt. Tare (g)	, (5)		9.8		Wt. Sample (wet) (a)	1856.2	1856.2
Wt. Water (g)			29.1		Volume Mould (c		936.0	936.0
Wt. Sample (dry) (g)			150.5		Wet Density (kg/		1983	1983
Moisture Content (%			19.3%		Dry Density (kg/r		1662	1651
,		<u> </u>		EABILITY TES		,		
					Time (sec)		Permeab	ility (cm/s)
Date	Temp	h ₀	h ₁	Time	Elapsed Time		Initial	Average
December 18, 2023	24	26.5	•••	9:00 AM				7
December 20, 2023	24	20.0	25.9	9:00 AM			1.91E-08	
December 20, 2023	24	25.9	20.0	9:00 AM			1.012 00	
December 21, 2023	24	20.0	25.1	9:00 AM	86400.0		5.23E-08	3.57E-08
December 21, 2023	24	25.1	20.1	9:00 AM	00100.0		0.202 00	0.07 2 00
December 22, 2023	24	20.1	24.6	9:00 AM	86400.0		3.35E-08	4.29E-08
December 22, 2023	24	24.6		9:00 AM	00.00.0		0.002 00	0_ 00
January 2, 2024	24		17.2	9:00 AM	950400.0		5.42E-08	4.39E-08
, , .								
			_			_		
			_			_		
			_					
				Aver	age Permeabilt	y, k, for test:	4.08E-08	cm/sec
REMARKS:								

FORM : Permeability_15Jan2024

DATE: 2024-01-18

per: LA23046 TD Page 28 of 29

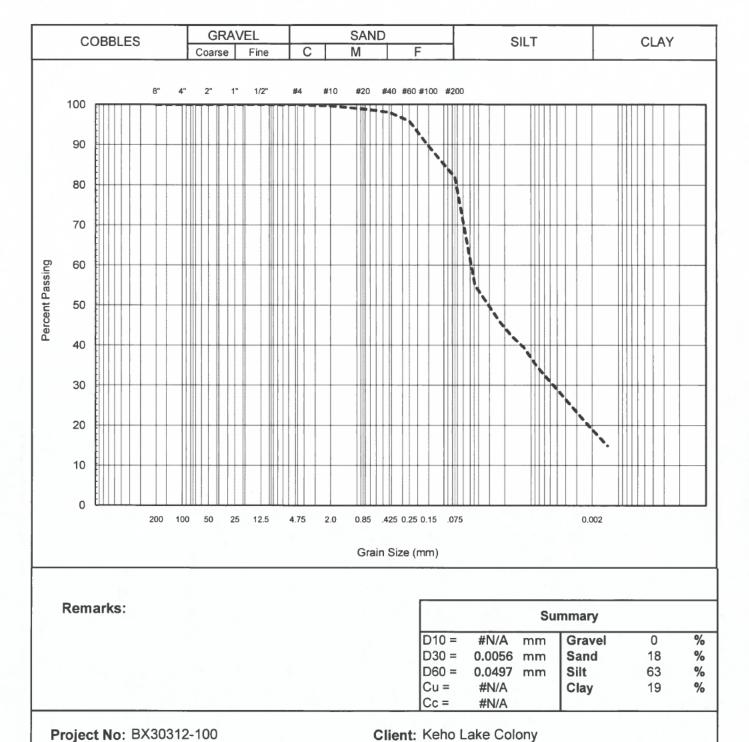
HYDROMETER TEST

Hole No: Dugout #2

Depth (m): 0.0

WSP Environment & Infrastructure Solutions





Sample: Sample # 1

Date: January 22, 2024

Tech: EC