

APPENDIX B  
Manitoba Conservation Data Centre Search Results

Search Criteria	Site	Legal Description	Primary/ Adjacent	EO ID	EO NUMBER	EL SUBNAT	Scientific name	Common Name	S_RANK	ESEA	SARA	COSEWIC	FIRSTOBS	LASTOBS	EO_RANK	REPACC
Within	Primary NE-04-009-29W1	NE-04-009-29W1	Primary	5085	21	8748	Lanius ludovicianus excubitorides	Prairie Loggerhead Shrike	S1B	Endangered	Threatened	Threatened	6/17/1996	6/30/1997	Not ranked	High
Within	Primary NE-32-007-29W1	NE-32-007-29W1	Primary	5125	62	8748	Lanius ludovicianus excubitorides	Prairie Loggerhead Shrike	S1B	Endangered	Threatened	Threatened	5/8/1987	7/1/2013	E - Verified extant (viability not assessed)	High
Within	Primary NE-33-007-29W1	NE-33-007-29W1	Primary	5125	62	8748	Lanius ludovicianus excubitorides	Prairie Loggerhead Shrike	S1B	Endangered	Threatened	Threatened	5/8/1987	7/1/2013	E - Verified extant (viability not assessed)	High
Within	Adjacent SE-21-009-29W1	SE-21-009-29W1	Adjacent	5085	21	8748	Lanius ludovicianus excubitorides	Prairie Loggerhead Shrike	S1B	Endangered	Threatened	Threatened	6/17/1996	6/30/1997	Not ranked	High
Within	Adjacent NE-08-009-29W1	NE-08-009-29W1	Adjacent	5546	8	8453	Lithobates pipiens	Northern Leopard Frog	S4		Special Concern	Special Concern	8/21/2008	8/21/2008	E - Verified extant (viability not assessed)	Low
Within	Adjacent NE-09-009-29W1	NE-09-009-29W1	Adjacent	5085	21	8748	Lanius ludovicianus excubitorides	Prairie Loggerhead Shrike	S1B	Endangered	Threatened	Threatened	6/17/1996	6/30/1997	Not ranked	High
Within	Adjacent SE-08-009-29W1	SE-08-009-29W1	Adjacent	6709	77	8833	Dolichonyx oryzivorus	Bobolink	S354B		Threatened	Threatened	6/9/2011	7/2/2014	E - Verified extant (viability not assessed)	High
Within	Adjacent SE-08-009-29W1	SE-08-009-29W1	Adjacent	5546	8	8453	Lithobates pipiens	Northern Leopard Frog	S4		Special Concern	Special Concern	8/21/2008	8/21/2008	E - Verified extant (viability not assessed)	Low
Within	Adjacent NW-03-009-28W1	NW-03-009-28W1	Adjacent	6710	78	8833	Dolichonyx oryzivorus	Bobolink	S354B		Threatened	Threatened	5/26/2011	6/21/2011	E - Verified extant (viability not assessed)	Medium
Within	Adjacent NE-03-009-28W1	NE-03-009-28W1	Adjacent	6710	78	8833	Dolichonyx oryzivorus	Bobolink	S354B		Threatened	Threatened	5/26/2011	6/21/2011	E - Verified extant (viability not assessed)	Medium
General Area Records Apparently Similar Habitat	NA	NA	NA	8390	25	8699	Riparia riparia	Bank Swallow	S4B		Threatened	Threatened	5/23/2013	5/23/2013	E - Verified extant (viability not assessed)	Medium
General Area Records Apparently Similar Habitat	NA	NA	NA	6680	4	8810	Calamus spiza melanocorys	Lark Bunting	S1B		Threatened	Threatened	6/4/2009	6/4/2009	E - Verified extant (viability not assessed)	Medium
General Area Records Apparently Similar Habitat	NA	NA	NA	3710	3	10961	Astragalus pectinatus	Narrow-leaved Milkvetch	S2				6/29/1921	6/29/1921	H - Historical	Very Low
General Area Records Apparently Similar Habitat	NA	NA	NA	5343	16	11015	Thermopsis rhombifolia	Golden Bean	S2S3				6/5/2007	6/28/2007	CD - Fair or poor estimated viability	High

Habitat Parameter	Condition Category			
	Optimal	Sub-Optimal	Marginal	Poor
9. Bank Vegetative Protection (score each bank)	More than 90% of the stream bank surfaces and immediate riparian zone covered by native vegetation, including trees, understory shrubs, or non-woody macrophytes; vegetative disruption through grazing or mowing minimal or not evident; almost all plants allowed to grow naturally.	70-90% of the stream bank surfaces covered by native vegetation, but one class of plants is not well-represented; disruption evident but not affecting full plant growth potential to any great extent; more than one-half of the potential plant stubble height remaining.	50-70% of the stream bank surfaces covered by vegetation; disruption obvious; patches of bare soil or closely cropped vegetation common; less than one-half of the potential plant stubble height remaining.	Less than 50% of the stream bank surfaces covered by vegetation; disruption of stream bank vegetation is very high; vegetation has been removed to 5 centimetres or less in average stubble height.
SCORE	Left Bank 10 (9)	8 7 6	5 4 3	2 1 0
SCORE	Right Bank 10 (9)	8 7 6	5 4 3	2 1 0
10. Riparian Vegetative Condition (score each bank)	Width of riparian zone >18 meters; human activities (i.e., parking lots, roadbeds, clear-cuts, lawns, or crops) have not impacted zone.	Width of riparian zone 12-18 meters; human activities have impacted zone only minimally.	Width of riparian zone 6-12 meters; human activities have impacted zone a great deal.	Width of riparian zone <6 meters; little or no riparian vegetation due to human activities.
SCORE	Left Bank (10) 9	8 7 6	5 4 3	2 1 0
SCORE	Right Bank (10) 9	8 7 6	5 4 3	2 1 0
11. Pool Substrate	Mixture of substrate materials, with gravel and firm sand prevalent; root mats and submerged vegetation common.	Mixture of soft sand, mud, or clay; mud may be dominant; some root mats and submerged vegetation present.	All mud or clay or sand bottom; little or no root mat; no submerged vegetation.	Hard-pan clay or bedrock; no root mat or vegetation.
SCORE	20 19 18 17 16	15 14 13 12 11	10 (9) 8 7 6	5 4 3 2 1 0
12. Pool Variability	Even mix of large-shallow, large-deep, small-shallow, small-deep pools present.	Majority of pools large-deep; very few shallow.	Shallow pools much more prevalent than deep pools.	Majority of pools small-shallow or pools absent.
SCORE	20 19 18 17 16	15 14 13 12 11	10 (9) 8 7 6	5 4 3 2 1 0

FINAL SCORE = 154

"SUB-OPTIMAL"

---

**From:** Daniel Chranowski  
**Sent:** Monday, November 22, 2021 9:48 AM  
**To:** Daniel Chranowski  
**Subject:** FW: 2021 General scientific fisheries collection permit # 26575638: Final Report

---

**From:** Daniel Chranowski  
**Sent:** October 3, 2021 9:48 PM  
**To:** Janusz, Laureen R (ARD) <[Laureen.Janusz@gov.mb.ca](mailto:Laureen.Janusz@gov.mb.ca)>  
**Cc: Subject:** 2021 General scientific fisheries collection permit # 26575638: Final Report

Hi Laureen,

Matrix Solutions biologists conducted an aquatics assessment of Pipestone Creek at two locations where horizontal directional drilling (HDD) will occur to install a flowline underneath the creek by Tundra Oil & Gas (license pending).

- Eleven minnow traps and one hoop net were placed for 24 hour sets and shoreline seine netting was conducted upstream and downstream at both locations.
- All fish captured were identified, counted and released on-site, the same day.
  - No fish deaths occurred.
  - No SAR fish captured or detected
  - No tagged fish were captured
  - No aquatic invasive species detected
  - No fish captured in minnow traps or hoop nets
- Sampling Dates: June 9 (location 1 & 2), 10 (location 1 & 2) and 12 (location 2).
- Pipestone Creek Location #1: UTM coordinates 14U 333397 Easting by 5516994 Northing.
  - Approx. 3 mi. east and 4.5 mi south of Kola, MB
  - Fish species captured with seine netting: ~ 390 white sucker fry (*Catostomus comersonii*)
  - 43 northern crayfish (*Orconectes virilis*) captured in minnow traps
  - Aquatic insects/invertebrates/reptiles observed included: backswimmers, dragonfly nymphs, water striders, freshwater clams/snails, western painted turtle
- Pipestone Creek Location # 2: UTM Coordinates 14U 339569 Easting by 5510327 Northing.
  - Approx. ½ mi south and 1.5 mi east of Cromer, MB
  - Fish species captured with seine netting: ~ 85 white sucker fry (*Catostomus comersonii*)
  - 136 northern crayfish (*Orconectes virilis*) captured in minnow traps
  - Aquatic insects/invertebrates observed included: backswimmers, dragonfly nymphs, water striders, freshwater clams/snail.

I hope you are doing well.

Let me know if you need anything else from me.

Take care.

Thank you.

**Daniel Chronowski**

M.Env. Certified Wildlife Biologist®

Senior Environmental Scientist

**MATRIX SOLUTIONS INC.**

Environment & Engineering

121 Tiger Moth Road, Virden, MB, R0M 2C0

Direct: 204.724-5185 Office: 204.748.3256 Fax: 204.748.3268

[www.matrix-solutions.com](http://www.matrix-solutions.com)

