ect/Site:	store XL -Phase	TVCounty:	Meade County Sampling Date: 2 ()ath.
licant/Owner:	ransCanada Trow.	- KXL	State: SO Sampling Point: 10/30/10
stigator(s):	B500	Section, Townsh	ip, Range: T7/ RI7E Co.7
dform (hillslope, ter	race, etc.): NA	Local relief (cor	cave, convex none): Concourte Stone (%): 3%
region (LRR):	Great Plans	western -	
Map Unit Name:	-		NWI classification:
climatic / hydrologi	c conditions on the site typical	for this time of year? Yes	No (If no explain in Remarks )
Vegetation N	. Soil N . or Hydrology	significantly disturbed?	Are "Normal Circumstances" present? Yes Y
Vegetation N	Soil N or Hydrology	M naturally problematic?	(If needed, explain any answers in Remarks )
			(in needed, explain any answers in Remarks.)
MIMART OF FI	NDINGS - Attach site	map showing sampling po	bint locations, transects, important features, etc.
drophytic Vegetati	on Present? Yes X	No lo the Se	
dric Soil Present?	Yes K	No within a	Wetland? Yes X No
etland Hydrology F	resent? Yes X	No	
marks: Sm	all demorrisme	listland (s.	+) inthis the Row Past - hotto
5+-1	12 0 1'l	worker (cherges	a) we have the many hast we have
Portion of	wetland 3 du	ig out as stock	pland.
GETATION - I	Use scientific names o	f plants.	1 (P)
	110	Absolute Dominant Ind	cator   Dominance Test worksheet:
e Stratum (Plot	size: /// /t )	<u>% Cover</u> Species? St	atus Number of Dominant Species
			That Are OBL, FACW, or FAC
			(excluding FAC-).
			Total Number of Dominant     Species Across All Strata:     (B)
		= Total Cover	
pling/Shrub Stratu	um (Plot size: NA	)	That Are OBL, FACW, or FAC: (A/B)
			Provalence Index worksheet:
			Total % Cover of Multiply by
			OBL species x1 =
			FACW species x 2 =
			FAC species x 3 =
erb Stratum (Plot	size: <u>5</u> )		FACU species x 4 =
Juncus b	alticus	70% Y G	BL UPL species x 5 =
Polygonum	pensylvanicum	10% N 4	Column Totals: (A) (B)
Rumex ci	spas	<u>5%</u> +	Prevalence Index = B/A =
Distichis	spicator	<u>20%0 Y</u>	ACW Hydrophytic Vegetation Indicators:
			X 1 - Rapid Test for Hydrophytic Vegetation
			2 - Dominance Test is >50%
	124 Jac 19 2 2		3 - Prevalence Index is ≤3.0 <sup>1</sup>
			4 - Morphological Adaptations <sup>1</sup> (Provide supporting
			data in Remarks or on a separate sheet)
		105 = Total Cover	
	m (Plot size: NA	_)	<sup>1</sup> Indicators of hydric soil and wetland hydrology must
loody Vine Stratur			be present, unless disturbed or problematic.
loody Vine Stratur			Hydrophytic

## SOIL

	ription: (Describe	to the depth	needed to docum	nent the i	m dit			Sampling Point: WSOME
Depth	Matrix		Redo	v Eastura	nuicator	or confirm	m the absence of	indicators.)
A /	<u>Color (moist)</u>		Color (moist)	%	Type	Loc <sup>2</sup>	Texture	EL ALTER DE LA CALENCIA DE LA CALENC
0-6	10YR 4/1	95_	10 YR 4/6	5	C	11	CI	Remarks
6-15	JOYR SII	90	10YR4/6	10	0	11	<u> </u>	
		·						
Гуре: C=Co lydric Soil I	ncentration, D=Dep ndicators: (Applic	letion, RM=R able to all LF	educed Matrix, CS	S=Covered	l or Coate	ed Sand G	irains. <sup>2</sup> Locati	on: PL=Pore Lining, M=Matrix.
Histosol	(A1 <b>)</b>		Sandy G	Bleved Ma	trix (S4)		1 om Mus	Problematic Hydric Soils":
Histic Ep	ipedon (A2)		Sandy R	Redox (S5	)		Coast Pra	itie Redox (A16) (LPR F. C. H)
Black His	stic (A3)		Stripped	Matrix (S	6)		Dark Surf	ace (S7) (LRR G)
Hydroger	1 Sulfide (A4)	=\	Loamy N	Mucky Mir	eral (F1)		High Plair	ns Depressions (F16)
1 cm Mu	ck (A9) (LRR F. G. I	-) H)	Loamy (	Sleyed Ma	atrix (F2)		(LRR I	H outside of MLRA 72 & 73)
Depleted	Below Dark Surface	e (A11)	Redox D	Dark Surfa	ce (F6)		Reduced	Vertic (F18)
Thick Da	rk Surface (A12)		Depleted	d Dark Su	rface (F7)		Very Shal	low Dark Surface (TF12)
Sandy M	ucky Mineral (S1)		Redox D	Depression	ns (F8)		Other (Ex	plain in Remarks)
2.5 cm M	lucky Peat or Peat (	S2) (LRR G, I	H) High Pla	ins Depre	ssions (F	16)	<sup>3</sup> Indicators of I	hydrophytic vegetation and
	cky reactor reac (S.	3) (LKK F)	(MLI	RA 72 & 7	3 of LRR	: H)	wetland h	ydrology must be present,
Type								
Depth (inc Remarks:	hes):		_				Hydric Soil Pr	esent? Yes <u>X</u> No
Depth (inc Remarks: YDROLO	hes):						Hydric Soil Pr	esent? Yes <u>X</u> No
Type Depth (inc Remarks: YDROLO( Vetland Hyc	hes): GY Irology Indicators:						Hydric Soil Pr	esent? Yes <u>X</u> No
Depth (inc Remarks: YDROLOO Wetland Hyc Primary Indic	hes): GY Irology Indicators: ators (minimum of c	one required; c	check all that apply	v)			Hydric Soil Pr	esent? Yes <u>X</u> No
Pepth (inc Remarks: YDROLO( Vetland Hyc Primary Indic Surface V	hes): GY Irology Indicators: ators (minimum of c Water (A1)	one required; o	check all that apply	y) (B11)			Hydric Soil Province Soil Province Solution Secondary	esent? Yes <u>X</u> No Indicators (minimum of two required) e Soil Cracks (B6)
YDROLOO YDROLOO Vetland Hyc Primary Indic Surface V	hes): GY Irology Indicators: ators (minimum of c Water (A1) ter Table (A2)	one required; o	check all that apply Salt Crust Aquatic Inv	y) (B11) vertebrate	s (B13)		Hydric Soil Province Soil Province Secondary	esent? Yes <u>X</u> No <u>Indicators (minimum of two required)</u> e Soil Cracks (B6)
Primary Indic Semarks: YDROLOG Vetland Hyc Primary Indic Surface High Wa X Saturatic	hes): GY Irology Indicators: ators (minimum of c Water (A1) ter Table (A2) in (A3)	one required; d	check all that apply Salt Crust Aquatic Inv Hydrogen	y) (B11) vertebrate Sulfide Oo	s (B13) dor (C1)		Hydric Soil Providence Secondary	esent? Yes X No Indicators (minimum of two required) e Soil Cracks (B6) ely Vegetated Concave (Surface (B8) ge Patterns (B10)
Primary Indic Primary Indic Surface V High Wa X Saturatic Water M	GY Irology Indicators: ators (minimum of c Water (A1) ter Table (A2) on (A3) arks (B1)	one required; o	check all that apply Salt Crust Aquatic Inv Hydrogen = Dry-Seaso	y) (B11) vertebrate Sulfide Od	s (B13) dor (C1) Table (C2)		Hydric Soil Provide Solution Secondary	esent? Yes X No Indicators (minimum of two required) e Soil Cracks (B6) ely Vegetated Concave (Surface (B8)) ge Patterns (B10) ed Rhizospheres on Living Roots (C3)
Primary Indic Primary Indic Surface V High Wa Saturatic Water M Sedimen Drift Dap	thes): GY Irology Indicators: ators (minimum of c Water (A1) ter Table (A2) on (A3) arks (B1) t Deposits (B2) posite (P2)	one required; d	check all that apply Salt Crust Salt Crust Aquatic Inv Hydrogen Dry-Seaso Oxidized F	y) (B11) vertebrate Sulfide Od on Water T Rhizosphe	s (B13) dor (C1) Table (C2) res on Liv	ing Roots	Hydric Soil Providence Secondary <u>X</u> Surface <u>Sparse</u> <u>Drainae</u> (C3) (whe	esent? Yes X No Indicators (minimum of two required) e Soil Cracks (B6) ely Vegetated Concave (Surface (B8) ge Patterns (B10) ed Rhizospheres on Living Roots (C3) ere tilled)
Primary Indic Wetland Hyce Primary Indic Surface V High Wa Saturatic Water M Sedimen Drift Dep Algal Ma	Thes): GY Irology Indicators: ators (minimum of c Water (A1) ter Table (A2) in (A3) arks (B1) t Deposits (B2) posits (B3) t or Crust (B4)	one required; o	check all that apply Salt Crust Aquatic Inv Hydrogen Dry-Seaso Oxidized F (where r	y) (B11) vertebrate Sulfide Oo in Water T Rhizosphe not tilled)	s (B13) dor (C1) fable (C2) res on Liv	ring Roots	Hydric Soil Providence Sold Pr	esent? Yes X No Indicators (minimum of two required) e Soil Cracks (B6) ely Vegetated Concave (Surface (B8)) ge Patterns (B10) ed Rhizospheres on Living Roots (C3) ere tilled) th Burrows (C8)
	SY Irology Indicators: ators (minimum of c Water (A1) ter Table (A2) on (A3) arks (B1) t Deposits (B2) iosits (B3) t or Crust (B4) osits (B5)	one required; o	check all that apply Salt Crust Aquatic Inv Hydrogen = Dry-Seaso Oxidized F Oridized F Presence of Thin Muck	y) (B11) vertebrate Sulfide Oo on Water T Rhizosphe not tilled) of Reduce Surface (	s (B13) dor (C1) fable (C2) res on Liv ed Iron (C4	ring Roots	Hydric Soil Providence Secondary X Surface Sparse Orainag Oxidize Crayfis Satura X Geomode	esent? Yes X No Indicators (minimum of two required) e Soil Cracks (B6) ly Vegetated Concave (Surface (B8)) ge Patterns (B10) ed Rhizospheres on Living Roots (C3) ret tilled) th Burrows (C8) tion Visible on Aerial Imagery (C9) proble Position (D2)
Type Depth (inc Remarks:  TOROLOG  Tormary Indic  Trimary Indic  Surface V  High Wa  Surface N  High Wa  Saturatic  Water M  Sedimen  Drift Dep  Algal Ma  Iron Dep Inundatic	GY Irology Indicators: ators (minimum of c Water (A1) ter Table (A2) on (A3) arks (B1) t Deposits (B2) rosits (B3) t or Crust (B4) osits (B5) on Visible on Aerial	one required; d	check all that apply Salt Crust Salt Crust Aquatic Inv Hydrogen Dry-Seaso Oxidized F (where r Presence of Thin Muck Other (Exp	y) (B11) vertebrate Sulfide Od on Water T Rhizosphe not tilled) of Reduce Surface ( Dain in Re	s (B13) dor (C1) Table (C2) res on Liv ed Iron (C4 C7) marks)	ring Roots	Hydric Soil Provide Soil Provide Soil Provide Soil Provide Solution Sparse Drainage Oxidize (C3) (whe Crayfis Saturation Solution Solution Solution (whe Crayfis Solution Solution (state)	esent? Yes X No Indicators (minimum of two required) e Soil Cracks (B6) ely Vegetated Concave (Surface (B8) ge Patterns (B10) ed Rhizospheres on Living Roots (C3) ere tilled) th Burrows (C8) tion Visible on Aerial Imagery (C9) orphic Position (D2) eutral Test (D5)
Primary Indice Primary Indice Seturation Vetland Hyce Vetland Hyce Vetland Hyce Surface High Wa Saturation Water M Sedimen Drift Dep Algal Ma Iron Dep Inundation Water-St	Thes): GY Irology Indicators: ators (minimum of c Water (A1) ter Table (A2) arks (B1) t Deposits (B2) mosits (B3) t or Crust (B4) osits (B5) on Visible on Aerial tained Leaves (B9)	one required; o	check all that apply Salt Crust Aquatic Inv Hydrogen Dry-Seaso Oxidized F Presence of Presence of Thin Muck Other (Exp	y) (B11) vertebrate Sulfide Od on Water T Rhizosphe not tilled) of Reduce Surface ( olain in Re	s (B13) dor (C1) Table (C2) res on Liv ed Iron (C- C7) marks)	ring Roots	Hydric Soil Provide Soil Provide Soil Provide Soil Provide Solution Solutio	esent? Yes X No Indicators (minimum of two required) e Soil Cracks (B6) ely Vegetated Concave (Surface (B8) ge Patterns (B10) ed Rhizospheres on Living Roots (C3) ere tilled) th Burrows (C8) tion Visible on Aerial Imagery (C9) orphic Position (D2) eutral Test (D5) feave Hummocks (D7) (LRR F)
Primary Indic Primary Indic Primary Indic Primary Indic Surface V High Wa Saturatio Water M Sedimen Drift Dep Algal Ma Iron Dep Inundatio Water-St Field Observ	GY Irology Indicators: ators (minimum of c Water (A1) ter Table (A2) on (A3) arks (B1) t Deposits (B2) rosits (B3) t or Crust (B4) osits (B5) on Visible on Aerial f cained Leaves (B9) /ations:	one required; o	check all that apply Salt Crust Aquatic Inv Hydrogen = Dry-Seaso Oxidized F Oxidized F Presence o Thin Muck Other (Exp	y) (B11) vertebrate Sulfide Od on Water T Rhizosphe not tilled) of Reduce Surface ( olain in Re	s (B13) dor (C1) Table (C2) res on Liv ed Iron (C- C7) marks)	ring Roots	Hydric Soil Provided Solution	esent? Yes X No Indicators (minimum of two required) e Soil Cracks (B6) Hy Vegetated Concave (Surface (B8) ge Patterns (B10) ed Rhizospheres on Living Roots (C3) ere tilled) th Burrows (C8) tion Visible on Aerial Imagery (C9) orphic Position (D2) eutral Test (D5) Heave Hummocks (D7) (LRR F)
Type Depth (inc Remarks:  Type Remarks:  Type Type YDROLOG  Type Number of the second secon	Arrian and a second state of the second state	one required; o Imagery (B7)	check all that apply Salt Crust Aquatic Inv Hydrogen : Dry-Seaso Oxidized F (where r Presence of Thin Muck Other (Exp	y)(B11) vertebrate Sulfide Oc on Water T Rhizosphe not tilled) of Reduce Surface ( blain in Re	s (B13) dor (C1) Table (C2) res on Liv ed Iron (C4 C7) marks)	ting Roots	Hydric Soil Provide Soil Provide Soil Provide Soil Provide Soil Provide Solution Solution Solution Solution (Whee Solution Crayfis Solution (Stress Solution	esent? Yes X No Indicators (minimum of two required) e Soil Cracks (B6) ely Vegetated Concave (Surface (B8)) ge Patterns (B10) ed Rhizospheres on Living Roots (C3) ere tilled) th Burrows (C8) tion Visible on Aerial Imagery (C9) orphic Position (D2) eutral Test (D5) Heave Hummocks (D7) (LRR F)
Type Depth (inc Remarks:  TypROLOG  TypROLOG  TypROLOG  TypRolog  Type Surface V  TypRolog  Type Surface V  TypRolog  Type Sedimen  Type Drift Dep  Algal Ma  Tron Dep  Inundatic  Water-St  Tield Observ  Surface Water  Table	Arrian and a set of the set of th	Imagery (B7) /es No /es No	Check all that apply Salt Crust Aquatic Inv Hydrogen = Dry-Seaso Oxidized F (where r Presence of Thin Muck Other (Exp Depth (inc Depth (inc	y) (B11) vertebrate Sulfide Od in Water T Rhizosphe not tilled) of Reduce Surface ( blain in Re ches):	s (B13) dor (C1) Table (C2) res on Liv ed Iron (C- C7) trmarks)	ring Roots	Hydric Soil Provide Soil Provide Soil Provide Soil Provide Solution Sparse Drainage Oxidizes (C3) (where Crayfis Saturate Solution Solutio	esent? Yes X No Indicators (minimum of two required) e Soil Cracks (B6) ely Vegetated Concave (Surface (B8)) ge Patterns (B10) ed Rhizospheres on Living Roots (C3) ere tilled) th Burrows (C8) tion Visible on Aerial Imagery (C9) orphic Position (D2) eutral Test (D5) feave Hummocks (D7) (LRR F)
Primary Indic Primary Indic Primary Indic Primary Indic Primary Indic Surface V High Wa X Saturation Water M Sedimen Drift Dep Algal Ma Iron Dep Inundatio Water-St Field Observ Surface Water Vater Table Saturation Princludes cap	SY Irology Indicators: ators (minimum of c Water (A1) ter Table (A2) on (A3) arks (B1) t Deposits (B2) iosits (B3) t or Crust (B4) osits (B5) on Visible on Aerial tained Leaves (B9) vations: er Present? Present? Y resent? Y	Imagery (B7) /es No /es No /es No	check all that apply Salt Crust Salt Crust Hydrogen = Dry-Seaso Oxidized F (where r Presence of Thin Muck Other (Exp Depth (ind Depth (ind Depth (ind	y) (B11) vertebrate Sulfide Oc on Water T Rhizosphe not tilled) of Reduce Surface ( olain in Re ches): ches):	s (B13) dor (C1) Table (C2) res on Liv ed Iron (C- C7) marks) /O "	ing Roots 4)	Hydric Soil Pro	esent? Yes <u>No</u> <u>No</u> <u>Indicators (minimum of two required)</u> e Soil Cracks (B6) ely Vegetated Concave (Surface (B8)) ge Patterns (B10) ed Rhizospheres on Living Roots (C3) ret tilled) th Burrows (C8) tion Visible on Aerial Imagery (C9) orphic Position (D2) eutral Test (D5) Heave Hummocks (D7) (LRR F) Present? Yes <u>No</u> <u>No</u>
Primary Indic Perimary Indic Primary Indic Primary Indic Surface V High Wa Saturatio Water M Sedimen Drift Dep Algal Ma Iron Dep Inundatio Water-St Field Observ Surface Water Vater Table Saturation Princludes cap Describe Rec	Arrian and a straight for the service of the servic	Imagery (B7) /es No /es No /es No n gauge, moni	check all that apply	y) (B11) vertebrate Sulfide Od in Water T Rhizosphe not tilled) of Reduce Surface ( blain in Re ches): ches): ches): ches):	s (B13) dor (C1) Table (C2) res on Liv ed Iron (C- C7) smarks) 10 "	ting Roots 4) wet spections)	Hydric Soil Production Secondary Surface Sparse Drainag Crayfis Satura Satura Satura Secondary Action Crayfis Satura Satu	esent? Yes <u>No</u> <u>No</u> <u>Indicators (minimum of two required)</u> e Soil Cracks (B6) ely Vegetated Concave (Surface (B8)) ge Patterns (B10) ed Rhizospheres on Living Roots (C3) re tilled) th Burrows (C8) tion Visible on Aerial Imagery (C9) orphic Position (D2) eutral Test (D5) Heave Hummocks (D7) (LRR F) Present? Yes <u>No</u> <u>No</u>
Primary Indic Perimary Indic Primary Indic Primary Indic Surface V High Wa X Saturatic Water M Sedimen Drift Dep Algal Ma Iron Dep Inundatic Water-SI Field Observ Surface Wate Nater Table Saturation Pr includes cap Describe Rec	SY Irology Indicators: ators (minimum of c Water (A1) ter Table (A2) arks (B1) t Deposits (B2) iosits (B3) t or Crust (B4) osits (B5) on Visible on Aerial I tained Leaves (B9) Vations: er Present? Present? Present? Y resent? Y resent? Y resent? Y	Imagery (B7) /es No /es No /es No /es No	check all that apply 	y) (B11) vertebrate Sulfide Od on Water T Rhizosphe not tilled) of Reduce Surface ( olain in Re ches): ches): ches): photos, pr	s (B13) dor (C1) Table (C2) res on Liv ed Iron (C- C7) rmarks) C7) rmarks)	ting Roots	Hydric Soil Pro	esent? Yes <u>No</u> <u>No</u> <u>Indicators (minimum of two required)</u> e Soil Cracks (B6) Hy Vegetated Concave (Surface (B8)) ge Patterns (B10) ed Rhizospheres on Living Roots (C3 ere tilled) th Burrows (C8) tion Visible on Aerial Imagery (C9) orphic Position (D2) eutral Test (D5) Heave Hummocks (D7) (LRR F) Present? Yes <u>No</u> <u>No</u>