# **DESERT CLAIM WIND POWER LLC.**

DESERT CLAIM WIND POWER PROJECT
WETLAND DELINEATION AND ANALYSIS REPORT

APPENDIX B: WETLAND DATASHEETS

	Datasheet Reference Table										
Feature	Datasheets	Feature	Datasheets	Feature	Datasheets						
R139	GASP-1	First Cr.	GASP-33	R088	GASP-64						
R401	GASP-2	First Cr.	GASP-34	R090	GASP-65						
R401	GASP-3	R027	GASP-35	R090	GASP-66						
R139	GASP-4	R027	GASP-36	R029	GASP-67						
R139	GASP-5	First Cr.	GASP-37	N2	GASP-68						
R131	GASP-6	R058	GASP-37	N2	GASP-69						
R131	GASP-7	R070	GASP-37	R001	GASP-70						
R133	GASP-8	First Cr.	GASP-38	R001	GASP-71						
R116	GASP-9	R043	GASP-39	R003	GASP-72						
R115	GASP-10	R025	GASP-40	R003	GASP-73						
R115	GASP-11	R044	GASP-41	R025	GASP-74						
R135	GASP-12	R027	GASP-42	R025	GASP-75						
R135	GASP-13	R027	GASP-43	R029	GASP-76						
R112	GASP-14	R044	GASP-44	R043	GASP-77						
R112	GASP-15	First Cr.	GASP-45	R045	GASP-78						
R112	GASP-16	First Cr.	GASP-46	R045	GASP-79						
R112	GASP-17	R100	GASP-47	R058	GASP-80						
R112	GASP-18	R100	GASP-48	R070	GASP-81						
R112	GASP-19	R169	GASP-49	R082	GASP-82						
R111	GASP-20	R169	GASP-50	R116	GASP-83						
R111	GASP-21	R035	GASP-51	R133	GASP-84						
R113	GASP-22	R035	GASP-52	R139	GASP-85						
R113	GASP-23	R108	GASP-53	R405	GASP-86						
R104	GASP-24	R108	GASP-54	R406	GASP-86						
R104	GASP-25	R117	GASP-55	R405	GASP-87						
R106	GASP-26	R117	GASP-56	R406	GASP-88						
R106	GASP-27	R101	GASP-57	R407	GASP-89						
R081	GASP-28	R101	GASP-58	R407	GASP-90						
R081	GASP-29	R063	GASP-59	R027	GASP-91						
R098	GASP-30	R063	GASP-60	R027	GASP-92						
R096	GASP-31	R095S	GASP-61	R412	GA-SP-93						
R098	GASP-31	R095S	GASP-62	R412	GA-SP-94						
R096	GASP-32	R088	GASP-63								

Project/Site: Desert Claim		City	/County: <u>El</u>	lensburg/Kittitas County	Sampling Date: 9-20-17
Applicant/Owner: EDF		Stat	e: <u>WA</u>		Sampling Point: GA-SP-1
Investigator(s): <u>CW, JD; Grette Associates</u>				-	<u>13</u> Township: <u>19</u> Range: <u>17</u>
Landform (hillslope, terrace, etc.): Slope				relief (concave□, convex□, ı	· · · · · · · · · · · · · · · · · · ·
Subregion (LRR): <u>B</u>			Lat: <u>4</u>	7.13869 Long: <u>-120.64573</u>	Datum: NAD83(2011)
Soil Map Name: Agrixerolls, 15-30% slope (58)			_		NWI Classification:
Are climatic/hydrologic conditions on the site ty			year? Yes [		
Are Vegetation Soil , or Hydrology sig					ces" present? Yes 🛛 No 🗌
Are Vegetation ☐ Soil ☐, or Hydrology ☐ sig	nificantly p	roblematio	c? (If neede	d, explain in Remarks)	
SUMMARY OF FINDINGS – Attach site			pling poi	nt locations, transects, in	nportant features, etc.
	Yes 🗌 No				
Hydric soils present?	Yes 🗌 No	$\boxtimes$	Is the sar	npled area within a wetland	? Yes □ No ⊠
Wetland hydrology present?	Yes 🗌 No	$\boxtimes$			
Remarks: R139					
VEGETATION – Use scientific names of	f nlante				
	Absolut		nt Indicator	Dominance Test worksheet:	
Tree Stratum (Plot size:30')	% Cove	er Species	? Status	Number of Dominant Species	
1				that are OBL, FACW, or FAC:	<u>0 (A)</u>
2				Total Number of Dominant	<u>5 (/ v/</u>
3				Species Across All Strata:	<u>2 (B)</u>
4				Percent of Dominant Species	<u> </u>
		= Total (	Cover	that are OBL, FACW, or FAC:	<u>0 (A/B)</u>
Sapling/Shrub Stratum (Plot size:15')				Prevalence Index worksheet:	<u>0 (A/B)</u>
1				Frevalence index worksheet.	
2				Total % Cover of:	Multiply by:
3.				OBL species	x 1 =
4		·		FACW species	x 2 =
5				FAC species	x 3 =
		= Total (	Cover	FACU species	x 4 =
Harb Ctratum (Diet sizasEL)				UPL species	x 5 =
Herb Stratum (Plot size:5')				Column Totals (A)	(B)
1. <u>Poa secunda</u>	<u>40</u>	<u>Y</u>	<u>FACU</u>		
2. <u>Agropyron spicatum</u>	<u>20</u>	<u>Y</u>	<u>NL</u>	Prevalence inde	ex = B/A =
3. <u>Lomatrium nudicaule</u>	<u>10</u>	<u>N</u>	<u>UPL</u>	Hydrophytic Vegetation indic	ators:
4. <u>Collomia grandiflora</u>	<u>10</u>	<u>N</u>	<u>NL</u>	☐ Dominance Test is >50%	
5 6				Prevalence Index is ≤3.0¹	
7					
8.				☐ Morphological Adaptations¹ Remarks or on a se	
<del></del>	80%	= Total (	Cover	☐ Problematic Hydrophytic Ve	,
Woody Vine Stratum (Plot size: )				Indicators of hydric soil and we	
,				present, unless disturbed or pro	
1 2.					
Z					10 V
		= Total (	Cover	Hydrophytic vegetation pr	resent? Yes 🗌 No 🖂
% Bare Ground in Herb Stratum	% Cover of	Biotic Crus	t		
Remarks:					

		ribe to the				icator or	confirm the abser	nce of indicators.)	
Depth (inches)	Matrix Color (moist)	%	Color (moist)	Redox Fea %	tures Type1	Loc <sub>2</sub>	 Texture	Remarks	
0-16	7.5YR 3/2	100	Color (molet)		T	1	loam	Tromano .	
Type: C=C	Concentration; D	i =Depletion;	RM=Reduced r	natrix; CS	i =Covered or	Coated	Sand Grains. <sup>2</sup> Lo	ocation: PL=Pore linings; M=Matrix	
	Is Indicators: (A							or Problematic Hydric Soils <sup>3</sup> :	
	·	<b>T</b>				,	_	•	
☐ Histoso	` ,			ndy Redox				k (A9) (LRR C)	
☐ Histic Epipedon (A2)       ☐ Stripped Matrix (S6)         ☐ Black Histic (A3)       ☐ Loamy Mucky Material (F1)						1)	☐ 2 cm Muck (A10) ( <b>LRR B</b> ) ☐ Reduced Vertic (F18)		
	en Sulfide (A4)				d Matrix (F2			nt Material (TF2)	
	d Layers (A5) ( <b>L</b>	RR C)		oleted Mat		,		plain in Remarks)	
	. , , ,	•					L Other (Ex	plain in Kemanoj	
☐ 1 cm Muck (A9) (LRR D) ☐ Redox Dark Surface (F6) ☐ Depleted Below Dark Surface (A11) ☐ Depleted Dark Surface (F7)									
-	ark Surface (A12				ssions (F8)	.,			
	Mucky Material (	•		nal Pools				hydrophytic vegetation and wetland hydrology	
	Gleyed Matrix (S	•		11011 0010	(. 0)		must be pres	ent, unless disturbed or problematic.	
	Layer (if present								
		.).							
Type:							Hydric Soils Pres	sent? Yes ☐ No ⊠	
	Depth (inches):								
Remarks:									
HYDROL	_OGY								
Wetland H	ydrology Indica							0 1 1 5 7 70	
Primary Inc	dicators (minimur Water (A1)	m of one red		that appl Salt Crust				Secondary Indicators (2 or more required)  Water Marks (B1) (Riverine)	
	ater Table (A2)		· <del></del>	Biotic Crus	` ,			☐ Sediment Deposits (B2) (Riverine)	
☐ Saturati					vertebrates (	(B13)	☐ Drift Deposits (Riverine)		
	/larks (B1) ( <b>Nonr</b>	riverine)		•	Sulfide Odo	. ,		☐ Drainage Patterns (B10)	
	nt Deposits (B2)						iving Roots (C3)	☐ Dry-Season Water Table (C2)	
	posits (B3) ( <b>Non</b>	•			of Reduced			☐ Crayfish Burrows (C8)	
	Soil Cracks (B6				n Reduction	` '		☐ Saturation Visible on Aerial Imagery (C9)	
	ion Visible on Ae				Surface (C7			☐ Shallow Aquitard (D3)	
	Stained Leaves (I	0,	` ' —		olain in Rem	,		☐ FAC-Neutral Test (D5)	
Field Obse	ervations								
Surface Wa	ater Present?	Υe	es 🗌 No 🛭 Dep	oth (in.)					
Water Tabl	e Present?	Υe	es 🗌 No 🛭 Dep	oth (in.)		'	Wetland Hydrology	y Present? Yes $\square$ No $\boxtimes$	
Saturation	Present?	Υe	es 🗌 No 🛛 Dep	oth (in.)					
(includes c	apillary fringe)		·						
Describe R	Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:								
Remarks:									
itemants.									

Project/Site: Desert Claim		City	County: EI	lensburg/Kittitas County	Sampling Date: 9-20-17
Applicant/Owner: EDF		Stat	e: <u>WA</u>		Sampling Point: GA-SP-2
Investigator(s): CW, JD; Grette Associates				<del>-</del>	<u>18</u> Township: <u>19</u> Range: <u>18</u>
Landform (hillslope, terrace, etc.): Slope				relief (concave□, convex□, r	
Subregion (LRR): <u>B</u>			Lat: <u>4</u>	7.13842 Long: <u>-120.64436</u>	Datum: NAD83(2011)
Soil Map Name: Millhouse-Mester complex, 0-5				<b>_ _</b>	NWI Classification:
Are climatic/hydrologic conditions on the site type			/ear? Yes [		
Are Vegetation Soil , or Hydrology sign			0.44		ces" present? Yes 🛛 No 🗌
Are Vegetation ☐ Soil ☐, or Hydrology ☐ sign					
SUMMARY OF FINDINGS – Attach site n			ipling poi	nt locations, transects, in	nportant features, etc.
1	∕es ⊠ No				
1 -	∕es ⊠ No		Is the sar	npled area within a wetland?	? Yes ⊠ No □
	∕es ⊠ No	Ш			
Remarks: R401					
<b>VEGETATION</b> – Use scientific names of					
Tree Stratum (Plot size:30')		e Dominar er Species		Dominance Test worksheet:	
	<u> 70 0000</u>	орсско	<u>Otatus</u>	Number of Dominant Species	
1				that are OBL, FACW, or FAC:	<u>2 (A)</u>
2 3				Total Number of Dominant	
4.				Species Across All Strata:	<u>2 (B)</u>
" —		= Total (	Cover	Percent of Dominant Species	
Continuo(Obrach Otractions (Distractions 451)		- rotar c	JOVC1	that are OBL, FACW, or FAC:	1000 (A/B)
Sapling/Shrub Stratum (Plot size:15')				Prevalence Index worksheet:	
1					
2				Total % Cover of:	Multiply by:
3 4	-			OBL species	x 1 = x 2 =
5	-			FAC species	x 3 =
S		= Total 0		FACU species	x 4 =
		= 10(a) (	Jover	UPL species	x 5 =
Herb Stratum (Plot size:5')				Column Totals (A)	(B)
1. <u>Juncus balticus</u>	<u>70</u>	<u>Y</u>	<u>FACW</u>		
2. <u>Poa pratensis</u>	<u>20</u>	<u>Y</u>	FAC	Prevalence inde	ex = B/A =
3. <u>Camassia quamash</u>	<u>&lt;1</u>	<u>N</u>	<u>FACW</u>	Hydrophytic Vegetation indic	ators:
4   5	-			□ Dominance Test is >50%	
6	-			☐ Prevalence Index is ≤3.0 <sup>1</sup>	
7				☐ Morphological Adaptations¹	(provide supporting data in
8				Remarks or on a sep	
	91%	= Total (	Cover	☐ Problematic Hydrophytic Ve	egetation <sup>1</sup> (explain)
Woody Vine Stratum (Plot size: )				<sup>1</sup> Indicators of hydric soil and we present, unless disturbed or pro	
1					
2					
		= Total (		Hydrophytic vegetation pr	resent? Yes ⊠ No ∐
	% Cover of	Biotic Crus	t		
Remarks:					

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)										
Depth (inches)	Matrix Color (moist)	%	Color (moist)	Redox Fea %	tures Type1	Loc <sub>2</sub>	 Texture	Remarks		
0-12	10YR 2/1	95	10YR 4/3	5	С	M	loam	Remains		
0-12	1011( 2/1	30	1011( 4/3			IVI	IOam			
Type: C=0	Concentration; D	=Depletion;	RM=Reduced r	natrix; CS	=Covered or	Coated	Sand Grains. Lo	cation: PL=Pore linings; M=Matrix		
Hydric Soi	ils Indicators: (/	Applicable t	o all LRRs, un	less othe	rwise noted	.)	Indicators fo	r Problematic Hydric Soils <sup>3</sup> :		
☐ Histoso	I (A1)		□ Sar	ndy Redox	(S5)		☐ 1 cm Muc	k (A9) ( <b>LRR C</b> )		
	pipedon (A2)			pped Mati				k (A10) ( <b>LRR B</b> )		
☐ Black H					/ Material (F	1)	☐ Reduced			
	en Sulfide (A4)			-	d Matrix (F2)			nt Material (TF2)		
	d Layers (A5) ( <b>L</b>	RR C)		oleted Mat		•		plain in Remarks)		
	uck (A9) (LRR D	•			Surface (F6)					
	d Below Dark Su				k Surface (F	7)				
☐ Thick Dark Surface (A12) ☐ Redox Depressions (F8)										
	Mucky Material (	,		nal Pools				hydrophytic vegetation and wetland hydrology		
□ Sandy Middely Material (S1)										
-							1			
Restrictive	Layer (if present	:):								
Type:	_						Hydric Soils Pres	sent? Yes ⊠ No □		
Depth (inch	Depth (inches):									
Remarks:	*hardpan									
HYDROI	_OGY									
	ydrology Indica	itors								
	dicators (minimur	m of one rec						Secondary Indicators (2 or more required)		
	Water (A1)			Salt Crust	` '		☐ Water Marks (B1) (Riverine)			
_	ater Table (A2)			Biotic Crus	,	D40\	☐ Sediment Deposits (B2) (Riverine)			
☐ Saturati			_	•	vertebrates (	,		☐ Drift Deposits (Riverine)		
	Marks (B1) ( <b>Nonr</b>	•			Sulfide Odo		iving Boots (C2)	Drainage Patterns (B10)		
	nt Deposits (B2)					_	_iving Roots (C3)	Dry-Season Water Table (C2)		
	posits (B3) (Non				of Reduced	•	,	Crayfish Burrows (C8)		
	Soil Cracks (B6				on Reduction Surface (C7		1 SOIIS (CO)	☐ Saturation Visible on Aerial Imagery (C9)		
	ion Visible on Ae		` '		olain in Rema	,		☐ Shallow Aquitard (D3)  ☐ FAC-Neutral Test (D5)		
	Stained Leaves (I	D9)	Ш'	Other (Exp	Jiain in Kem	aiks)		AC-Neutral Test (D3)		
Field Obse	ervations									
Surface Wa	ater Present?	Ye	s 🗌 No 🛭 De	oth (in.)						
Water Tabl	e Present?	Ye	s 🗌 No 🔯 De	oth (in.)			Wetland Hydrology	/ Present? Yes ⊠ No □		
Saturation	Present?	Ye	s 🗌 No 🔯 De	oth (in.)						
(includes capillary fringe)										
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:										
Previous d		-	-							
Remarks: Presumed wet during spring										

Project/Site: Desert Claim		City	County: Ell	ensburg/Kittitas County	Sampling Date: 9-20-17
Applicant/Owner: EDF		Stat	e: <u>WA</u>		Sampling Point: GA-SP-3
Investigator(s): CW, JD; Grette Associates				·	<u>8</u> Township: <u>19</u> Range: <u>18</u>
Landform (hillslope, terrace, etc.): Slope				relief (concave⊠, convex⊡, n	· · · · · · · · · · · · · · · · · · ·
Subregion (LRR): <u>B</u>			Lat: <u>47</u>	7.13853 Long: <u>-120.64420</u>	Datum: NAD83(2011)
Soil Map Name: Millhouse-Metser complex, 0-				<b>7</b>	NWI Classification:
Are climatic/hydrologic conditions on the site ty			/ear? Yes 🛚		
Are Vegetation Soil, or Hydrology sig			0 (15		es" present? Yes ⊠ No □
Are Vegetation Soil , or Hydrology sig					
SUMMARY OF FINDINGS – Attach site			pling poi	nt locations, transects, im	portant features, etc.
	Yes 🗌 No				
	Yes 🗌 No		Is the san	npled area within a wetland?	Yes □ No ⊠
	Yes 🗌 No	X			
Remarks: R401					
VEGETATION – Use scientific names of	f plants				
	Absolute	e Dominar		Dominance Test worksheet:	
Tree Stratum (Plot size:30')	<u> </u>	r Species	<u>Status</u>	Number of Dominant Species	
1				that are OBL, FACW, or FAC:	<u>0 (A)</u>
2 3				Total Number of Dominant	
4				Species Across All Strata:	<u>0 (B)</u>
		= Total C	`over	Percent of Dominant Species	
One line (Oharda Otradara (Diataina 451)		- Total C	JOVCI	that are OBL, FACW, or FAC:	<u>0 (A/B)</u>
Sapling/Shrub Stratum (Plot size:15')				Prevalence Index worksheet:	
1				Total 9/ Occasion of	Modelinto
2				Total % Cover of: OBL species	<u>Multiply by:</u> x 1 =
3 4				FACW species	x 2 =
5				FAC species	x 3 =
9		= Total C	`ovor	FACU species	x 4 =
		= Total C	ovei	UPL species	x 5 =
Herb Stratum (Plot size:5')				Column Totals (A)	(B)
1. Poa secunda	<u>60</u>	<u>Y</u>	FACU FACU		
2. <u>Lomatium nudicaule</u>	<u>20</u>	<u>Y</u>	<u>FACU</u>	Prevalence inde	x = B/A =
3 4				Hydrophytic Vegetation indica	ators:
5				☐ Dominance Test is >50%	
6				☐ Prevalence Index is ≤3.0 <sup>1</sup>	
7				☐ Morphological Adaptations¹	
8				Remarks or on a sep	,
	<u>80%</u>	= Total C	Cover	☐ Problematic Hydrophytic Ve	getation <sup>1</sup> (explain)
Woody Vine Stratum (Plot size: )				<sup>1</sup> Indicators of hydric soil and were present, unless disturbed or pro-	
1				process, arrived dictarged of pro-	Diomano.
2					
		= Total C	Cover	Hydrophytic vegetation pro	esent? Yes 🗌 No 🛚
% Bare Ground in Herb Stratum	% Cover of	Biotic Crus	t		
Remarks:	<u> </u>				

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)										
Depth (inches)	Matrix Color (moist)	%	Color (mois	Redox Fea	atures Type1	Loc <sub>2</sub>	 Texture	Remarks		
0-16	10YR 2/2	100	COIOI (111013	70	Type	L002	loam	Nemarks		
0.10	1011( 2/2	100					Ioani			
1T	`	Danistian	DM Dadisa	-lt CC	<u> </u>	04	Cand Casina 21 a	antina Di Dan liniana M Matrix		
Type: C=C	concentration; D	=Depletion;	RIVI=Reduce	d matrix; CS	=Covered or	Coated	Sand Grains. Lo	cation: PL=Pore linings; M=Matrix		
Hydric Soi	Is Indicators: (A	Applicable	to all LRRs,	unless othe	erwise noted	l.)	Indicators for	r Problematic Hydric Soils³:		
☐ Histoso	(A1)			Sandy Redox	x (S5)		☐ 1 cm Muck	(A9) (LRR C)		
☐ Histic Epipedon (A2) ☐ Stripped Matrix (S6)								(A10) (LRR B)		
☐ Black H					y Material (F	1)	Reduced Vertic (F18)			
☐ Hydroge	en Sulfide (A4)			-	ed Matrix (F2)		☐ Red Parer	nt Material (TF2)		
☐ Stratifie	d Layers (A5) ( <b>L</b>	RR C)		Depleted Ma	trix (F3)		☐ Other (Exp	olain in Remarks)		
1 cm M	uck (A9) (LRR D	))	□ F	Redox Dark	Surface (F6)					
☐ Depleted Below Dark Surface (A11) ☐ Depleted Dark Surface (F7)										
☐ Thick Dark Surface (A12) ☐ Redox Depressions (F8)										
☐ Sandy N	Mucky Material (	S1)		/ernal Pools	(F9)			hydrophytic vegetation and wetland hydrology		
□ Sandy Macky Material (S1) □ Vernal Pools (19) must be present, unless disturbed or problematic.										
Restrictive	Layer (if present	t)·								
	, , ,	.,.								
Type:	<del></del>						Hydric Soils Pres	ent? Yes ☐ No ⊠		
Depth (inch	Depth (inches):									
Remarks:	Remarks:									
HYDROL	_OGY									
	ydrology Indica									
Primary Inc	licators (minimu Water (A1)	m of one red		_all that appl ☐ Salt Crust				Secondary Indicators (2 or more required)  Water Marks (B1) (Riverine)		
	ater Table (A2)			☐ Biotic Cru	. ,			Sediment Deposits (B2) (Riverine)		
☐ Saturati					vertebrates (	(B13)	☐ Drift Deposits (Riverine)			
	arks (B1) ( <b>Non</b> i	riverine)			Sulfide Odo		☐ Drainage Patterns (B10)			
	nt Deposits (B2)	,					Living Roots (C3)	☐ Dry-Season Water Table (C2)		
	posits (B3) ( <b>Non</b>	•	•		of Reduced		J ( )	☐ Crayfish Burrows (C8)		
	Soil Cracks (B6				on Reduction			☐ Saturation Visible on Aerial Imagery (C9)		
	on Visible on Ae	•			k Surface (C7			☐ Shallow Aquitard (D3)		
	Stained Leaves (		. ,		plain in Rema	•		FAC-Neutral Test (D5)		
Field Obse	,	,		_ `						
				5 4 C \						
Surface Wa	ater Present?		es 🗌 No 🔯 I			Ι,	M/- (11 1 11 1	- Dun		
Water Tabl	e Present?	Υe	es 🗌 No 🛛 I	Depth (in.) _			wetiand Hydrology	Present? Yes 🗌 No 🛛		
Saturation	Present?	Υe	es 🗌 No 🛛 I	Depth (in.) _						
(includes c	apillary fringe)									
Describe R	ecorded Data (s	tream gaug	e, monitoring	well, aerial	photos, previ	ous insp	ections), if available	:		
Remarks:										

Project/Site: Desert Claim		City	/County: El	lensburg/Kittitas County	Sampling Date: 9-20-17
Applicant/Owner: EDF		Stat	e: <u>WA</u>		Sampling Point: GA-SP-4
Investigator(s): CW, JD, LL; Grette Associates				-	<u>18</u> Township: <u>19</u> Range: <u>18</u>
Landform (hillslope, terrace, etc.): Slope				relief (concave□, convex□, ı	none⊠: Slope (%): <u>4</u>
Subregion (LRR): <u>B</u>			Lat: <u>47</u>	7.13842 Long: <u>-120.64120</u>	Datum: NAD83(2011)
Soil Map Name: Millhouse-Metser complex, 0-			_	_	NWI Classification:
Are climatic/hydrologic conditions on the site ty			year?Yes [		
Are Vegetation ☐ Soil ☐, or Hydrology ☐ sig					ces" present? Yes 🛛 No 🗌
Are Vegetation $\square$ Soil $\square$ , or Hydrology $\square$ sig	nificantly p	roblematio	c? (If neede	d, explain in Remarks)	
SUMMARY OF FINDINGS – Attach site	map shov	ving sam	pling poi	nt locations, transects, in	nportant features, etc.
Hydrophytic vegetation present?	Yes 🗌 No	$\boxtimes$			
Hydric soils present?	Yes 🗌 No	$\boxtimes$	ls the sar	npled area within a wetland	? Yes □ No ⊠
Wetland hydrology present?	Yes 🗌 No	$\boxtimes$	io tiio oui	iipioa aroa witiiii a wotiana	. res 🗀 Ne 🖂
Remarks: R139					
VEGETATION . Has assentific manner of					
VEGETATION – Use scientific names of		e Dominar	nt Indicator	Dominance Test worksheet:	
Tree Stratum (Plot size:30')		er Species		Number of Deminent Consiss	
1				Number of Dominant Species that are OBL, FACW, or FAC:	0 (4)
2					<u>0 (A)</u>
3				Total Number of Dominant Species Across All Strata:	o (D)
4				·	<u>2 (B)</u>
		= Total (	Cover	Percent of Dominant Species	
Sapling/Shrub Stratum (Plot size:15')				that are OBL, FACW, or FAC:	<u>0 (A/B)</u>
				Prevalence Index worksheet:	
1		-		Total N. Cassan of	Maddatatat
2				Total % Cover of:	Multiply by:
3				OBL species	x 1 =
4 5		-		FACW species FAC species	x 2 = x 3 =
3				FACU species	x 4 =
		= Total (	Cover	UPL species	x 5 =
Herb Stratum (Plot size:5')				Column Totals (A)	(B)
1. <u>Poa secunda</u>	<u>50</u>	<u>Y</u>	<u>FACU</u>	(* i)	(5)
2. <u>Lomatium nudicaule</u>	<u>10</u>	<u>N</u>	<u>FACU</u>	Prevalence inde	ex = R/A =
3. <u>Centaurea diffusa</u>	<u>20</u>	<u>Y</u>	<u>NL</u>	Hydrophytic Vegetation indic	
4. <u>Lupinus sp.</u>	<u>10</u>	<u>N</u>	Ξ		4.0.0.
5				Dominance Test is >50%	
6				☐ Prevalence Index is ≤3.0 <sup>1</sup>	
7				☐ Morphological Adaptations¹	
8				Remarks or on a se	,
	<u>90%</u>	= Total (	Cover	☐ Problematic Hydrophytic Ve	egetation <sup>1</sup> (explain)
Woody Vine Stratum (Plot size: )				<sup>1</sup> Indicators of hydric soil and we present, unless disturbed or pro	
1				ртосот, штосо штоси от рто	
2					
		= Total (	Cover	Hydrophytic vegetation pr	esent? Yes 🗌 No 🖂
% Bare Ground in Herb Stratum	% Cover of	Biotic Crus	t		
Remarks:					

	Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)										
Depth (inches)	Matrix Color (moist)	%	Color (moist)	Redox Fea %	atures Type1	Loc <sub>2</sub>	 Texture	Remarks			
0-14*	10YR 2/2	100	Color (molot)	70	Турст	L002	stony/loam	Tremand			
							0.09/00				
Type: C=C	i Concentration; D:	i =Depletion:	RM=Reduced	i	=Covered or	Coated	Sand Grains. <sup>2</sup> Lo	i	 (		
nyuric Soi	Is Indicators: (A	Applicable	o ali LKKS, u	niess otne	rwise noted	1.)		r Problematic Hydric Soils <sup>3</sup> :			
☐ Histoso	` ,			ndy Redox				(A9) ( <b>LRR C</b> )			
☐ Histic Epipedon (A2) ☐ Stripped Matrix (S6)							☐ 2 cm Muck (A10) ( <b>LRR B</b> )				
☐ Black H	` '				y Material (F		Reduced	, ,			
	en Sulfide (A4)	DD C\		-	ed Matrix (F2)	)		nt Material (TF2)			
	d Layers (A5) ( <b>L</b> uck (A9) ( <b>LRR D</b>			pleted Mat	Surface (F6)		☐ Other (Ex	plain in Remarks)			
	, , ,	•	· <del></del>		` ,	7)					
□ Depleted Below Dark Surface (A11) □ Depleted Dark Surface (F7) □ Thick Dark Surface (A12) □ Redox Depressions (F8)											
	Mucky Material (			rnal Pools	, ,			hydrophytic vegetation and wetla			
-	Gleyed Matrix (S				()		must be pres	ent, unless disturbed or problema	tiC.		
							T				
	Layer (if present	:):									
Type: Hydric Soils Present? Yes ☐ No ☒											
Depth (inches):											
Remarks:	Remarks: *POR (point of resistance)										
HYDROI											
Wetland H	ydrology Indica dicators (minimur	<b>itors</b> m of one rec	uired: check s	ll that annl	v			Secondary Indicators (2 or more	required)		
Surface	Water (A1)	ii oi one rec		Salt Crust				Water Marks (B1) (Riverine)	<u>required)</u>		
☐ High Wa	ater Table (A2)			Biotic Crus	st (B12)		☐ Sediment Deposits (B2) (Riverine)				
☐ Saturati	on (A3)			Aquatic In	vertebrates (	(B13)	☐ Drift Deposits ( <b>Riverine</b> )				
☐ Water N	Marks (B1) ( <b>Nonr</b>	riverine)		Hydrogen	Sulfide Odo	r (C1)		☐ Drainage Patterns (B10)			
☐ Sedime	nt Deposits (B2)	(Nonriverin	ne) 🗆	Oxidized F	Rhizospheres	s along L	iving Roots (C3)	☐ Dry-Season Water Table (C2)	)		
	posits (B3) ( <b>Non</b>			Presence	of Reduced	Iron (C4)	)	☐ Crayfish Burrows (C8)			
	Soil Cracks (B6				on Reduction		l Soils (C6)	Saturation Visible on Aerial In	nagery (C9)		
	ion Visible on Ae		, ,		Surface (C7	,		☐ Shallow Aquitard (D3)			
	Stained Leaves (I	B9)		Other (Exp	plain in Rema	arks)		☐ FAC-Neutral Test (D5)			
Field Obse	ervations										
Surface Wa	ater Present?	Ye	s 🗌 No 🔯 De	epth (in.) _							
Water Tabl	Water Table Present? Yes ☐ No ☒ Depth (in.) Wetland Hydrology Present? Yes ☐ No ☒										
Saturation Present? Yes ☐ No ☒ Depth (in.)											
(includes capillary fringe)											
Describe R	Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:										
Remarks:											

Project/Site: Desert Claim		City/	County: Ell	ensburg/Kittitas County	Sampling Date: 9-20-17
Applicant/Owner: EDF		State	e: <u>WA</u>		Sampling Point: GA-SP-5
Investigator(s): CW, JD Grette Associates				_	<u>8</u> Township: <u>19</u> Range: <u>18</u>
Landform (hillslope, terrace, etc.): Slope				relief (concave⊡, convex⊡, n	· · · · · · · · · · · · · · · · · · ·
Subregion (LRR): <u>B</u>			Lat: <u>47</u>	7.13828 Long: <u>-120.64103</u>	Datum: NAD83(2011)
Soil Map Name: Millhouse-Metser complex, 0-				<b>7 7</b>	NWI Classification:
Are climatic/hydrologic conditions on the site ty			/ear? Yes 🛭		
Are Vegetation Soil, or Hydrology sig			0 //	Are "Normal Circumstance	es″ present? Yes ⊠ No 🗌
Are Vegetation Soil , or Hydrology sig					
SUMMARY OF FINDINGS – Attach site			pling poi	nt locations, transects, im	portant features, etc.
	Yes 🗌 No 🏻				
	Yes 🗌 No [		Is the san	npled area within a wetland?	Yes □ No ⊠
	Yes 🗌 No 🏻	X			
Remarks: R139					
VEGETATION – Use scientific names of	f plants				
	Absolute	Dominar		Dominance Test worksheet:	
Tree Stratum (Plot size:30')	% Cover	Species?	Status	Number of Dominant Species	
1				that are OBL, FACW, or FAC:	<u>0 (A)</u>
2 3				Total Number of Dominant	
4				Species Across All Strata:	<u>2 (B)</u>
		= Total C	`over	Percent of Dominant Species	
One line (Oharda Otradara (Diataina 451)		- Total C	, OVC1	that are OBL, FACW, or FAC:	<u>0 (A/B)</u>
Sapling/Shrub Stratum (Plot size:15')				Prevalence Index worksheet:	
1				T-4-10/ O	Maddalaska
2				Total % Cover of: OBL species	<u>Multiply by:</u> x 1 =
3 4				FACW species	x 2 =
5				FAC species	x 3 =
9		= Total C	`ovor	FACU species	x 4 =
Harb Otratura (Blat a'ras 51)		- Total C	OVEI	UPL species	x 5 =
Herb Stratum (Plot size:5')				Column Totals (A)	(B)
1. Poa secunda	<u>80</u>	<u>Y</u>	FACU FACU		
2. <u>Lomatium nudicaule</u>	<u>20</u>	<u>N</u>	<u>FACU</u>	Prevalence inde	x = B/A =
3 4				Hydrophytic Vegetation indica	ators:
5				☐ Dominance Test is >50%	
6				☐ Prevalence Index is ≤3.0 <sup>1</sup>	
7				☐ Morphological Adaptations¹	
8				Remarks or on a sep	,
	<u>100%</u>	= Total C	Cover	☐ Problematic Hydrophytic Ve	getation <sup>1</sup> (explain)
Woody Vine Stratum (Plot size: )				<sup>1</sup> Indicators of hydric soil and wet present, unless disturbed or prol	
1				processit, armood diotarboa or pro-	ordinatio.
2					
		= Total C	Cover	Hydrophytic vegetation pre	esent? Yes 🗌 No 🛛
% Bare Ground in Herb Stratum	% Cover of E	Biotic Crus	t		
Remarks:					

		ribe to the				cator or	confirm the abser	nce of indicators.)		
Depth (inches)	Matrix Color (moist)	%	Color (moist)	Redox Fea %	tures Type1	Loc <sub>2</sub>	 Texture	Remarks		
0-12*	10YR 3/2	100	[	,,,	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		loam	concrete-like texture		
<sup>1</sup> Type: C=C	i Concentration; D:	i =Depletion;	RM=Reduced r	natrix; CS	i =Covered or	Coated	Sand Grains. <sup>2</sup> Lo	ocation: PL=Pore linings; M=Matrix		
Hydric Soi	Is Indicators: (/	Applicable	to all LRRs, un	less othe	rwise noted	l.)	Indicators fo	or Problematic Hydric Soils³:		
☐ Histosol	Ι (Δ1)		□ Sar	ndy Redox	(95)		☐ 1 cm Muc	ek (A9) ( <b>LRR C</b> )		
	pipedon (A2)			•	. ,			, , , , , ,		
☐ Histic Epipedon (A2)       ☐ Stripped Matrix (S6)         ☐ Black Histic (A3)       ☐ Loamy Mucky Material (F1)						1)	☐ 2 cm Muck (A10) ( <b>LRR B</b> ) ☐ Reduced Vertic (F18)			
	en Sulfide (A4)				d Matrix (F2)			nt Material (TF2)		
	d Layers (A5) ( <b>L</b>	RR C)		oleted Mat		,		plain in Remarks)		
	uck (A9) ( <b>LRR D</b>	•			Surface (F6)		□ Other (EX	piair in Remarks)		
	d Below Dark Su				k Surface (F	7)				
-	ark Surface (A12				ssions (F8)	')				
	Mucky Material (	•		nal Pools			3Indicators of	hydrophytic vegetation and wetland hydrology		
-			□ vei	nai Poois	(F9)			sent, unless disturbed or problematic.		
_	Gleyed Matrix (S	•								
Restrictive	Layer (if present	t):								
Type:	_						Hydric Soils Pres	sent? Yes ☐ No ⊠		
Depth (inch	Depth (inches):									
Remarks:	Remarks: *POR (point of resistance)									
HYDROL	OGY									
Wetland H	ydrology Indica									
Primary Inc	dicators (minimur Water (A1)	m of one red		that apply Salt Crust				Secondary Indicators (2 or more required)  Water Marks (B1) (Riverine)		
	ater Table (A2)			Biotic Crus	` ,			, , ,		
_	, ,		<del></del>		vertebrates (	(B12)	☐ Sediment Deposits (B2) (Riverine) ☐ Drift Deposits (Riverine)			
Saturati		·iverine\			Sulfide Odo					
	Marks (B1) ( <b>Nonr</b>	•					ining Deets (CO)	☐ Drainage Patterns (B10)		
	nt Deposits (B2)	•					iving Roots (C3)	☐ Dry-Season Water Table (C2)		
	posits (B3) (Non				of Reduced	` '		Crayfish Burrows (C8)		
	Soil Cracks (B6				n Reduction		Soils (C6)	☐ Saturation Visible on Aerial Imagery (C9)		
	ion Visible on Ae	0,	` '		Surface (C7	,		Shallow Aquitard (D3)		
	Stained Leaves (I	B9)		Other (Exp	olain in Rema	arks)		FAC-Neutral Test (D5)		
Field Obse										
	ater Present?		es 🗌 No 🖾 De <sub>l</sub>			١,	Watland Hydrology	y Present? Yes ☐ No ⊠		
Water Tabl			es 🗌 No 🔯 De <sub>l</sub>				welland Hydrology	y Fresent? Tes   No		
	Saturation Present? Yes ☐ No ☒ Depth (in.) (includes capillary fringe)									
Describe R	Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:									
Domoris:										
Remarks:										

Project/Site: Desert Claim Applicant/Owner: EDF Investigator(s): CW, JD Grette Associates Landform (hillslope, terrace, etc.): Slope Subregion (LRR): B Soil Map Name: Reelow-Reeser-Lablue complex, Are climatic/hydrologic conditions on the site typic Are Vegetation Soil, or Hydrology significations	al for this cantly dis	State  opes time of y turbed?	Local I Lat: <u>47</u> vear? Yes [	Section: <u>18</u> relief (concave⊠, convex□, no <u>7.13958</u> Long: <u>-120.63780</u> ☑ No □ (If no, explain in Rema Are "Normal Circumstance	Datum: NAD83(2011) NWI Classification: arks)
Are Vegetation Soil, or Hydrology significant					nortant footures, etc.
Hydric soils present? Yes	S ⊠ No ☐ S ⊠ No ☐ S ⊠ No ☐			nt locations, transects, important in the second in the se	
VEGETATION – Use scientific names of pl  Tree Stratum (Plot size:30')  1 2 3 4	Absolute	Dominan Species?		Dominance Test worksheet:  Number of Dominant Species that are OBL, FACW, or FAC:  Total Number of Dominant Species Across All Strata:  Percent of Dominant Species that are OBL, FACW, or FAC:	1 (A) 1 (B) 100 (A/B)
Sapling/Shrub Stratum (Plot size:15')  1				Prevalence Index worksheet:	
2 3 4 5		  = Total C	Cover	Total % Cover of:  OBL species  FACW species  FAC species  FACU species  FACU species	Multiply by: x 1 = x 2 = x 3 = x 4 =
Herb Stratum (Plot size:5' )  1. Poa pratensis 2. Camassia quamash	60 10	<u>Y</u> <u>N</u>	FAC FACW	UPL species(A)  Column Totals(A)  Prevalence index	x 5 =(B) = = B/A =
3. <u>Allium cernuum</u> 4 5 6 7 8	<u>10</u>	<u>N</u>	<u>FACU</u>	Hydrophytic Vegetation indicat  ☐ Dominance Test is >50%  ☐ Prevalence Index is ≤3.0¹  ☐ Morphological Adaptations¹ (I)  Remarks or on a sepa	provide supporting data in
Woody Vine Stratum (Plot size: )  1	80%	= Total C	Cover	Problematic Hydrophytic Veg  ¹Indicators of hydric soil and wetl- present, unless disturbed or prob	etation <sup>1</sup> (explain) and hydrology must be
2 <u>% Bare Ground in Herb Stratum Rock in Herb Stratum Biotic Crust</u> Remarks:	<u></u> 1 20%	= Total C	Cover Cover of	Hydrophytic vegetation pre	sent? Yes ⊠ No □

		ribe to the				cator or co	onfirm the abse	nce of indicators.)
Depth (inches)	Matrix Color (moist)	%	Color (moist)	Redox Fea %	atures Type1	Loc <sub>2</sub>	Texture	Remarks
(1101103)	assumed - excavation	70		70	Typer	L002	TOXICIO	Terraino
	impossible							
<sup>1</sup> Type: C=0	Concentration; D	i =Depletion;	RM=Reduced r	natrix; CS	=Covered or	Coated Sa	and Grains. <sup>2</sup> Lo	ocation: PL=Pore linings; M=Matrix
Hydric So	ils Indicators: (	Applicable	to all LRRs, un	less othe	rwise noted.	.)	Indicators fo	or Problematic Hydric Soils <sup>3</sup> :
☐ Histoso	l (A1)		☐ Sar	ndy Redox	k (S5)		1 cm Muc	ck (A9) (LRR C)
☐ Histic E	pipedon (A2)		☐ Stri	pped Mat	rix (S6)		2 cm Muc	k (A10) ( <b>LRR B</b> )
☐ Black F	listic (A3)		☐ Loa	amy Muck	y Material (F1	1)	☐ Reduced	Vertic (F18)
	en Sulfide (A4)				ed Matrix (F2)			nt Material (TF2)
	ed Layers (A5) (L			oleted Ma			☐ Other (Ex	plain in Remarks)
	uck (A9) (LRR D				Surface (F6)	<del>-</del> \		
	ed Below Dark St	, ,	•		rk Surface (F7	<i>(</i> )		
	Park Surface (A12	,			essions (F8)			hydrophytic vegetation and wetland hydrology
□ Sandy Mucky Material (S1) □ Vernal Pools (F9) must be present, unless disturbed or problematic.								
Restrictive	Layer (if presen	t):						
Type:	_						lydric Soils Pre	sent? Yes ⊠ No □
Depth (incl	hes):						,	
Remarks:	Presumed							
HYDRO	LOGY							
	lydrology Indica	ators						
Primary Inc	dicators (minimu Water (A1)		quired; check al	<u>l that appl</u> Salt Crust	<u>∨</u> : (B11)			Secondary Indicators (2 or more required)  ☐ Water Marks (B1) (Riverine)
-	ater Table (A2)			Biotic Cru				Sediment Deposits (B2) (Riverine)
☐ Saturat	` '				vertebrates (I	•		Drift Deposits (Riverine)
	Marks (B1) (Non				Sulfide Odor		5 (25)	☐ Drainage Patterns (B10)
	ent Deposits (B2)	•	•		•	•	ng Roots (C3)	☐ Dry-Season Water Table (C2)
	posits (B3) ( <b>Nor</b>				of Reduced I	, ,	-:l- (CC)	Crayfish Burrows (C8)
	Soil Cracks (B6	•			on Reduction		olis (C6)	☐ Saturation Visible on Aerial Imagery (C9)
	tion Visible on Ae Stained Leaves (				k Surface (C7 plain in Rema			☐ Shallow Aquitard (D3)  ☐ FAC-Neutral Test (D5)
Field Obs		D9)		Other (LX	piaiii iii ixeiiia	1		M i Ao-Neutral Test (D3)
	ater Present?	V	oo □ No □ Do	nth (in )				
			es 🗌 No 🔲 De			We	etland Hydrolog	y Present? Yes ⊠ No □
	le Present?		es 🗌 No 🔲 De			"	g	,
Saturation (includes of	Present? apillary fringe)	Υe	es 🗌 No 🖾 De	pth (in.) _				
Describe F	Recorded Data (s	tream gaug	e, monitoring w	ell, aerial	photos, previo	ous inspec	tions), if available	e:
Remarks	: Presumed seas	onal						

Hydric soils present?	pical for this tir nificantly distur nificantly proble	State  oes  me of yer  rbed?  ematic?  g samp	Local r Lat: <u>47</u> ear? Yes ? (If needed	elief (concave , convex , n .13953 Long: -120.63753 No  (If no, explain in Rem Are "Normal Circumstance d, explain in Remarks)	Datum: NAD83(2011) NWI Classification: arks) es" present? Yes ⊠ No □  portant features, etc.
Remarks: R131 Hydrology presumed based on topography; s	oil too firm to d	ia			
Trydrology presumed based on topography, s		<u>.</u>			
VEGETATION – Use scientific names of					
<u>Tree Stratum</u> (Plot size:30')  1 2	Absolute De <u>% Cover</u> Si			<b>Dominance Test worksheet:</b> Number of Dominant Species that are OBL, FACW, or FAC:	<u>0 (A)</u>
3 4				Total Number of Dominant Species Across All Strata:	<u>2 (B)</u>
Sapling/Shrub Stratum (Plot size:15')	=	Total Co	over	Percent of Dominant Species that are OBL, FACW, or FAC:	<u>0 (A/B)</u>
1				Prevalence Index worksheet:	
2 3 4 5		Total Co		Total % Cover of:  OBL species  FACW species  FAC species  FACU species  FACU species	Multiply by: x 1 = x 2 = x 3 = x 4 =
Herb Stratum (Plot size:5')  1. Poa secunda	 70 <u>Y</u>		<u>FACU</u>	UPL species (A)	x 5 =(B)
2. <u>Lupinus sericeus</u>	<u>20</u> Y		NL	Prevalence index	v – R/A –
3				Hydrophytic Vegetation indica	
4				☐ Dominance Test is >50%	
5				☐ Prevalence Index is ≤3.0¹	
6 7 8				☐ Morphological Adaptations <sup>1</sup> Remarks or on a sep	
	90% =	Total Co	over	☐ Problematic Hydrophytic Veg	getation <sup>1</sup> (explain)
Woody Vine Stratum (Plot size: ) 1				<sup>1</sup> Indicators of hydric soil and wet present, unless disturbed or prob	land hydrology must be
2					
% Bare Ground in Herb Stratum	= % Cover of Bioti	Total Co		Hydrophytic vegetation pre	esent? Yes 🗌 No 🛚
Remarks:	10 COACI OI DIOII	io Orust			
Tromano.					

		ribe to the	depth needed			icator or	confirm the absen	ce of indicators.)
Depth	Matrix Color (moist)	%	Color (moist)	Redox Fea %		Loc <sub>2</sub>	 Texture	Remarks
(inches) 0-13*	10YR 3/2	100	Color (moist)	70	Type <sub>1</sub>	LUC2		Remarks
0-13	1011 3/2	100					loam	
				-		ļ		
Type: C=C	Concentration; D	=Depletion;	RM=Reduced	matrix; CS	=Covered or	Coated	Sand Grains. Lo	cation: PL=Pore linings; M=Matrix
Hydric Soi	Is Indicators: (/	Applicable 1	to all LRRs, u	nless othe	rwise noted	l.)	Indicators fo	r Problematic Hydric Soils³:
☐ Histosol	(A1)		□sa	andy Redox	(S5)		☐ 1 cm Muck	k (A9) ( <b>LRR C</b> )
☐ Histic Epipedon (A2) ☐ Stripped Matrix (S6)								k (A10) (LRR B)
☐ Black H					y Material (F	1)	☐ Reduced \	
	en Sulfide (A4)			-	ed Matrix (F2)			nt Material (TF2)
	d Layers (A5) ( <b>L</b>	RR C)		epleted Ma				plain in Remarks)
1 cm Mu	uck (A9) (LRR D	))	□ Re	edox Dark	Surface (F6)			
☐ Deplete	d Below Dark Sเ	urface (A11)	□ De	epleted Dai	k Surface (F	7)		
☐ Thick D	ark Surface (A12	2)	☐ Re	edox Depre	ssions (F8)			
☐ Sandy N	Mucky Material (	S1)	□ Ve	ernal Pools	(F9)			hydrophytic vegetation and wetland hydrology ent, unless disturbed or problematic.
☐ Sandy 0	Gleyed Matrix (S	4)					must be prese	ent, unless disturbed of problematic.
Restrictive	Layer (if present	+/-						
	, , ,	.,.						
Type:	<del></del>						Hydric Soils Pres	ent? Yes ☐ No ⊠
Depth (inch	nes):							
Remarks:	*hardpan belo	W						
HYDROL								
	ydrology Indica dicators (minimu		nuired: check s	ıll that annı	v			Secondary Indicators (2 or more required)
Surface	Water (A1)	ili di dile led		Salt Crust				☐ Water Marks (B1) (Riverine)
	ater Table (A2)			Biotic Cru	, ,			Sediment Deposits (B2) (Riverine)
☐ Saturati				Aquatic In	vertebrates (	(B13)		☐ Drift Deposits (Riverine)
☐ Water M	Marks (B1) (Noni	riverine)		Hydrogen	Sulfide Odo	r (C1)		☐ Drainage Patterns (B10)
☐ Sedime	nt Deposits (B2)	(Nonriverin	ne)	Oxidized I	Rhizospheres	s along L	iving Roots (C3)	☐ Dry-Season Water Table (C2)
☐ Drift De	posits (B3) ( <b>Non</b>	riverine)		Presence	of Reduced	Iron (C4)	)	☐ Crayfish Burrows (C8)
☐ Surface	Soil Cracks (B6	)		Recent Iro	n Reduction	in Tilled	Soils (C6)	☐ Saturation Visible on Aerial Imagery (C9)
☐ Inundati	on Visible on Ae	erial Imagery	(B7) □	Thin Muck	Surface (C7	7)		☐ Shallow Aquitard (D3)
☐ Water-S	Stained Leaves (	B9)		Other (Ex	plain in Rema	arks)		☐ FAC-Neutral Test (D5)
Field Obse	ervations							
Surface Wa	ater Present?	Ye	es 🗌 No 🔲 Do	epth (in.)				
Water Tabl			es 🗌 No 🔲 De			,	Wetland Hydrology	Present? Yes □ No ⊠
							, 0,	
Saturation (includes ca	Present? apillary fringe)	Ye	es 🗌 No 🗌 Do	epth (in.) _	<del></del>			
		troom e	o monitorio	unll north	ohotos ====	ous is s	notions) if a citable	
Describe R	ecorded Data (S	ueam gaug	e, monitoring v	veii, aeriai	priotos, previ	ous insp	ections), if available	
Remarks:								
Tromano.								

Project/Site: Desert Claim Applicant/Owner: EDF Investigator(s): CW, JD Grette Associates Landform (hillslope, terrace, etc.): Slope Subregion (LRR): B Soil Map Name: Reelow-Reeser-Lablue comp Are climatic/hydrologic conditions on the site: Are Vegetation Soil, or Hydrology si Are Vegetation Soil, or Hydrology si Are Vegetation Prindings - Attach site Hydrophytic vegetation present? Hydric soils present? Wetland hydrology present? Remarks: R133	typical for this t gnificantly distu gnificantly prob	State  pes ime of y urbed? blematic  ng sam	Local Lat: 47	relief (concave□, convex□, n 7.14100 Long: -120.63524 ☑ No □ (If no, explain in Rem Are "Normal Circumstance d, explain in Remarks)	Datum: NAD83(2011) NWI Classification: larks) es" present? Yes ⊠ No □  aportant features, etc.
VEGETATION – Use scientific names of	of plants				_
	Absolute I	Dominant	t Indicator	Dominance Test worksheet:	
Tree Stratum (Plot size:30') 1	% Cover	Species?	<u>Status</u>	Number of Dominant Species	
2				that are OBL, FACW, or FAC:	<u>0 (A)</u>
3				Total Number of Dominant Species Across All Strata:	<u>2 (B)</u>
4		= Total C	over	Percent of Dominant Species	
Sapling/Shrub Stratum (Plot size:15')				that are OBL, FACW, or FAC:	<u>0 (A/B)</u>
				Prevalence Index worksheet:	
1				Total 9/ Cayor of	Multiply by
2	<del></del> -			Total % Cover of:	Multiply by:
3				OBL species	x 1 =
4	·			FACW species	x 2 =
5	·			FAC species	x 3 =
	:	= Total C	over	FACU species	x 4 =
Herb Stratum (Plot size:5')				UPL species	x 5 =
	40	.,	FACIL	Column Totals (A)	(B)
1. Poa secunda		<u>Y</u>	<u>FACU</u>		
2. <u>Agropyron spicatum</u>		<u>Y</u>	<u>NL</u>	Prevalence inde	x = B/A =
3. <u>Eriogonum sp.</u>	<u>20</u>	<u>Y</u>		Hydrophytic Vegetation indica	ators:
4	·			☐ Dominance Test is >50%	
5	·				
6				☐ Prevalence Index is ≤3.0 <sup>1</sup>	
7 8				☐ Morphological Adaptations¹ Remarks or on a sep	
	80% =	= Total C	over	☐ Problematic Hydrophytic Ve	getation <sup>1</sup> (explain)
Woody Vine Stratum (Plot size: )				<sup>1</sup> Indicators of hydric soil and were present, unless disturbed or pro	
1				, ,	
2					
	:	= Total C	over	Hydrophytic vegetation pro	esent? Yes 🗌 No 🖂
% Bare Ground in Herb Stratum	% Cover of Bio	tic Crust			
Remarks:					

		ribe to the	depth neede			icator or	confirm the abser	nce of indicators.)	
Depth (inches)	Matrix Color (moist)	%	Color (mois	Redox Fea	atures Type1	Loc <sub>2</sub>	 Texture	Remarks	
0-10*	10YR 3/3	100	Color (IIIols	.) /0	Турет	L002	loam	Very hard soil	
0-10	10110 3/3	100					IOam	very flatu soil	
1= 0.6			DIA D .	1 66			0 10 : 21		
Type: C=C	Concentration; D	=Depletion;	RM=Reduce	d matrix; CS	=Covered or	Coated	Sand Grains. Lo	cation: PL=Pore linings; M=Matrix	
Hydric Soi	ls Indicators: (/	Applicable	to all LRRs,	unless othe	rwise noted	l.)	Indicators fo	or Problematic Hydric Soils³:	
☐ Histosol	I (A1)		П	Sandy Redox	k (S5)		☐ 1 cm Muc	k (A9) ( <b>LRR C</b> )	
	pipedon (A2)			Stripped Mat				k (A10) ( <b>LRR B</b> )	
☐ Black H					y Material (F	1)	Reduced		
☐ Hydroge	en Sulfide (A4)			-	ed Matrix (F2)		☐ Red Pare	nt Material (TF2)	
☐ Stratifie	d Layers (A5) ( <b>L</b>	.RR C)		epleted Ma	trix (F3)		☐ Other (Ex	plain in Remarks)	
1 cm Mu	uck (A9) ( <b>LRR D</b>	))	□ F	Redox Dark	Surface (F6)				
☐ Deplete	d Below Dark Sเ	urface (A11)		epleted Da	rk Surface (F	7)			
☐ Thick D	ark Surface (A12	2)	□ F	Redox Depre	essions (F8)		21 11		
☐ Sandy N	Mucky Material (	S1)		ernal Pools	(F9)			hydrophytic vegetation and wetland hydrology ent, unless disturbed or problematic.	
☐ Sandy C	Gleyed Matrix (S	4)					must be pies	one, among distarboa or problematio.	
Restrictive	Layer (if present	t)·							
	, , ,	.,.							
Type:							Hydric Soils Pres	sent? Yes ☐ No ⊠	
Depth (inch	nes):								
Remarks:	*hardpan								
HYDROL	_OGY								
	ydrology Indica								
Primary Inc	dicators (minimus Water (A1)	m of one red		all that appl  Salt Crust				Secondary Indicators (2 or more required)  Water Marks (B1) (Riverine)	
	ater Table (A2)			☐ Biotic Cru	. ,			Sediment Deposits (B2) (Riverine)	
☐ Saturati					vertebrates (	(B13)	☐ Drift Deposits (Riverine)		
	//////////////////////////////////////	riverine)			Sulfide Odo		☐ Drainage Patterns (B10)		
	nt Deposits (B2)	,					iving Roots (C3)	☐ Dry-Season Water Table (C2)	
	posits (B3) ( <b>Non</b>	`	•	_	of Reduced	J	• ,	☐ Crayfish Burrows (C8)	
	Soil Cracks (B6				on Reduction			☐ Saturation Visible on Aerial Imagery (C9)	
	ion Visible on Ae	•			s Surface (C7			☐ Shallow Aquitard (D3)	
	Stained Leaves (		` '		plain in Rema			☐ FAC-Neutral Test (D5)	
Field Obse	ervations			•	•				
		V	N	Samtle (im )					
Surface wa	ater Present?		es 🗌 No 🔲 [			١,	National Uniduals and	· Dragger 12 Vac 🗆 Na 🖾	
Water Tabl	e Present?	Υe	es 🗌 No 🔲 [	Depth (in.) _		'	wetiand Hydrology	y Present? Yes □ No ⊠	
Saturation		Υe	es 🗌 No 🔲 [	Pepth (in.)					
(includes c	apillary fringe)								
Describe R	ecorded Data (s	tream gaug	e, monitoring	well, aerial	photos, previ	ous insp	ections), if available	):	
Remarks:									

Project/Site: Desert Claim		-	-	lensburg/Kittitas County	Sampling Date: 9-20-17		
Applicant/Owner: <u>EDF</u>		Stat	e: <u>WA</u>		Sampling Point: GA-SP-9		
Investigator(s): <u>CW, JD Grette Associates</u>				Section: <u>18</u> Township: <u>19</u> Range: <u>18</u>			
Landform (hillslope, terrace, etc.): Slope				relief (concave□, convex□, ı			
Subregion (LRR): B			Lat: <u>47</u>	7.14037 Long: <u>-120.62753</u>	Datum: <u>NAD83(2011)</u>		
Soil Map Name: Reeser-Reelow-Sketter comp				<b>7 7</b>	NWI Classification:		
Are climatic/hydrologic conditions on the site ty			year? Yes [				
Are Vegetation Soil, or Hydrology sig			0.44		ces" present? Yes 🛛 No 🗌		
Are Vegetation Soil, or Hydrology sig							
SUMMARY OF FINDINGS – Attach site			ipling poi	nt locations, transects, in	nportant features, etc.		
	Yes   No						
1 -	Yes 🗌 No		Is the sar	npled area within a wetland'	? Yes □ No ⊠		
	Yes 🗌 No	$\boxtimes$					
Remarks: R116							
VEGETATION – Use scientific names o	f plants						
	Absolut	te Dominar		Dominance Test worksheet:			
Tree Stratum (Plot size:30')	% Cove	er Species	? Status	Number of Dominant Species			
1				that are OBL, FACW, or FAC:	<u>0 (A)</u>		
2				Total Number of Dominant			
3				Species Across All Strata:	<u>2 (B)</u>		
4				Percent of Dominant Species			
		= Total (	Cover	that are OBL, FACW, or FAC:	<u>0 (A/B)</u>		
Sapling/Shrub Stratum (Plot size:15')				Prevalence Index worksheet:			
1							
2				Total % Cover of:	Multiply by:		
3				OBL species	x 1 =		
4				FACW species	x 2 =		
5				FAC species	x 3 =		
		= Total (	Cover	FACU species	x 4 =		
Herb Stratum (Plot size:5')				UPL species	x 5 =		
1. Poa secunda	60	<u>Y</u>	<u>FACU</u>	Column Totals(A)	(B)		
2. Lomatium mudicaule	<u>20</u>	<u>Y</u>	FACU	Dunington as in de	D/A		
3. <u>Lupinus spp.</u>	10	<u>N</u>	<del></del> -	Prevalence inde			
4				Hydrophytic Vegetation indic	ators:		
5				☐ Dominance Test is >50%			
6				☐ Prevalence Index is ≤3.0 <sup>1</sup>			
7				☐ Morphological Adaptations¹			
8				Remarks or on a se	,		
	<u>90%</u>	= Total (	Cover	☐ Problematic Hydrophytic Ve	egetation <sup>1</sup> (explain)		
Woody Vine Stratum (Plot size: )				<sup>1</sup> Indicators of hydric soil and we present, unless disturbed or pro			
1							
2							
		= Total (	Cover	Hydrophytic vegetation pr	esent? Yes ∐ No ⊠		
% Bare Ground in Herb Stratum	% Cover of	Biotic Crus	t				
Remarks:							

		ribe to the				licator or	confirm the abse	nce of ir	ndicators.)	
Depth (inches)	Matrix Color (moist)	%	Color (moist)	Redox Fea %	tures Type1	Loc <sub>2</sub>	 Texture	Re	emarks	
0-3	10YR 2/2	100	Color (moist)	70	Турот	L002	cobbly loam		ery hard soil	
							CODDITY TOURT		ny nara con	
1T./no. C. C	'anaontration: D	Donlotion	DM Doduced s	notriu CC	Covered	r Cooted	Cond Croins 21	anation. I	DI Dava liningo M Motric	
Type. C=C	concentration; D=	=Depletion,	Rivi=Reduced i	natrix, CS:	=Covered C	o Coaled			PL=Pore linings; M=Matrix	
Hydric Soi	ls Indicators: (A	Applicable t	o all LRRs, un	less othe	rwise note	d.)	Indicators for	or Proble	ematic Hydric Soils <sup>3</sup> :	
☐ Histosol	(A1)		☐ Sar	ndy Redox	(S5)		1 cm Muc	ck (A9) ( <b>L</b>	LRR C)	
☐ Histic Epipedon (A2) ☐ Stripped Matrix (S6)							2 cm Muck (A10) (LRR B)			
☐ Black H	istic (A3)		☐ Loa	my Mucky	/ Material (F	<del>-</del> 1)	☐ Reduced	Vertic (F	-18)	
☐ Hydroge	en Sulfide (A4)		☐ Loa	my Gleye	d Matrix (F2	2)	☐ Red Pare	ent Mater	ial (TF2)	
☐ Stratifie	d Layers (A5) ( <b>L</b> l	RR C)	☐ Dep	oleted Mat	rix (F3)		Other (Ex	xplain in I	Remarks)	
☐ 1 cm Mu	uck (A9) ( <b>LRR D</b> )	)	☐ Red	dox Dark S	Surface (F6	)				
□ Deplete	d Below Dark Su	ırface (A11)	☐ Dep	oleted Dar	k Surface (	F7)				
☐ Thick Da	ark Surface (A12	2)	☐ Red	dox Depre	ssions (F8)		21 12 4			
☐ Sandy N	Mucky Material (S	S1)	☐ Ver	nal Pools	(F9)				nytic vegetation and wetland hydrology ess disturbed or problematic.	
☐ Sandy C	Sleyed Matrix (S4	4)					made do proc	oone, and	see distance of problematic.	
Restrictive	Layer (if present	):								
Туре:	_						Hydric Soils Pre	sent? Ye	es □ No ⊠	
Depth (inch	es):						,			
Remarks:	*Point of resist	tance								
rtomanto.		iai ioo								
HYDROL	OGV									
	ydrology Indica	tors								
Primary Inc	licators (minimur								dary Indicators (2 or more required)	
Surface	` '			Salt Crust	` '				ter Marks (B1) (Riverine)	
_	ater Table (A2)			Biotic Crus					liment Deposits (B2) (Riverine)	
Saturati	,				vertebrates				t Deposits (Riverine)	
	larks (B1) (Nonr			-	Sulfide Odd				inage Patterns (B10)	
	nt Deposits (B2)					•	iving Roots (C3)	-	-Season Water Table (C2)	
	posits (B3) (Non				of Reduced				yfish Burrows (C8)	
	Soil Cracks (B6)				n Reductio		Soils (C6)		uration Visible on Aerial Imagery (C9)	
	on Visible on Ae	0,	` ' —		Surface (C	,			Illow Aquitard (D3)	
	tained Leaves (E	39)		Other (Exp	olain in Ren	narks)		□FAC	C-Neutral Test (D5)	
Field Obse	rvations									
Surface Wa	ater Present?	Ye	s 🗌 No 🗌 De <sub>l</sub>	oth (in.)				_		
Water Tabl	e Present?	Ye	s 🗌 No 🗌 De <sub>l</sub>	oth (in.)		'	Wetland Hydrolog	y Preser	nt? Yes ∐ No ⊠	
Saturation (includes ca	Present? apillary fringe)	Ye	s 🗌 No 🗌 De <sub>l</sub>	oth (in.)						
Describe R	ecorded Data (st	tream gauge	e, monitoring we	ell, aerial p	ohotos, prev	/ious insp	ections), if available	e:		
	,	- 3	-	·	•	•				
Remarks:										

Project/Site: Desert Claim		City	/County: <u>El</u>	lensburg/Kittitas County	Sampling Date: 9-20-17
Applicant/Owner: EDF		Stat	e: <u>WA</u>		Sampling Point: GA-SP-10
Investigator(s): CW, JD Grette Associates					<u>18</u> Township: <u>19</u> Range: <u>18</u>
Landform (hillslope, terrace, etc.): Slope				relief (concave□, convex□,	
Subregion (LRR): <u>B</u>			Lat: <u>4</u>	7.13225 Long: <u>-120.63058</u>	Datum: NAD83(2011)
Soil Map Name: Skeeter-Millhouse-Lablue cor			_		NWI Classification:
Are climatic/hydrologic conditions on the site ty			year? Yes [		
Are Vegetation ☐ Soil ☐, or Hydrology ☐ sig					ices" present? Yes 🛛 No 🗌
Are Vegetation ☐ Soil ☐, or Hydrology ☐ sig	gnificantly p	roblematio	:? (If neede	d, explain in Remarks)	
SUMMARY OF FINDINGS – Attach site	map shov	ving sam	pling poi	nt locations, transects, i	mportant features, etc.
Hydrophytic vegetation present?	Yes 🗌 No	$\boxtimes$			
Hydric soils present?	Yes 🗌 No	$\boxtimes$	le the sar	npled area within a wetland	l? Yes □ No ⊠
Wetland hydrology present?	Yes 🗌 No	$\boxtimes$	is the sai	ilpieu area witiiii a wetiant	i les 🗆 No 🖂
Remarks: R115					
MEGETATION II					
VEGETATION – Use scientific names o		e Dominar	nt Indicator	Dominance Test worksheet:	
Tree Stratum (Plot size:30')		r Species		New transfer of Demands on the	
1				Number of Dominant Species that are OBL, FACW, or FAC:	0 (1)
2					<u>0 (A)</u>
3				Total Number of Dominant	. (5)
4				Species Across All Strata:	<u>4 (B)</u>
		= Total (	Cover	Percent of Dominant Species	
Sapling/Shrub Stratum (Plot size:15')	·			that are OBL, FACW, or FAC:	
				Prevalence Index worksheet	E .
1				Total % Cover of	Multiply by
2 3				Total % Cover of: OBL species	<u>Multiply by:</u> x 1 =
4				FACW species	x 2 =
5			·	FAC species	x 3 =
S				FACU species	x 4 =
		= Total (	Jover	UPL species	x 5 =
Herb Stratum (Plot size:5')				Column Totals (A)	(B)
1. <u>Poa bulbosa</u>	<u>20</u>	<u>Y</u>	<u>FACU</u>	``,	
2. <u>Erigeron linearis</u>	<u>10</u>	<u>Y</u>	<u>NL</u>	Prevalence inc	lex = B/A =
3. <u>Bromus tectorum</u>	<u>10</u>	<u>Y</u>	<u>NL</u>	Hydrophytic Vegetation indi	cators:
4. <u>Phlox linearis</u>	<u>10</u>	<u>Y</u>	<u>NL</u>	☐ Dominance Test is >50%	
5					
6				☐ Prevalence Index is ≤3.0 <sup>1</sup>	
7 8.				☐ Morphological Adaptations Remarks or on a se	
o	50%	= Total (	Cover	☐ Problematic Hydrophytic \	'
	30 /6	= Total C	20vei		
Woody Vine Stratum (Plot size: )				<sup>1</sup> Indicators of hydric soil and w present, unless disturbed or p	
1					
2			-		
		= Total (	Cover	Hydrophytic vegetation p	oresent? Yes ∐ No ⊠
	Cover of Biot	ic Crust			
Remarks:					

		ribe to the				icator or	r confirm the abser	nce of indicators.)		
Depth (inches)	Matrix Color (moist)	%	Color (moist)	Redox Fea %	tures Type₁	Loc <sub>2</sub>	 Texture	Remarks		
*					. ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,					
1T. (20.1 C. C	on controtion. D	Donlotion	DM Doduced	notriu CC	Covered	Cooted	Cond Craina 21	postion DL Doro linings M Matrix		
								ocation: PL=Pore linings; M=Matrix		
Hydric Soi	ls Indicators: (A	Applicable	to all LRRs, un	less othe	rwise noted	i.)	Indicators fo	or Problematic Hydric Soils <sup>3</sup> :		
☐ Histoso	I (A1)		☐ Sai	ndy Redox	(S5)		1 cm Muc	ck (A9) (LRR C)		
☐ Histic E	pipedon (A2)		☐ Stri	pped Mati	rix (S6)		☐ 2 cm Muck (A10) ( <b>LRR B</b> )			
☐ Black H	istic (A3)		☐ Loa	amy Mucky	/ Material (F	1)	☐ Reduced	☐ Reduced Vertic (F18)		
☐ Hydroge	en Sulfide (A4)		☐ Loa	amy Gleye	d Matrix (F2	)	☐ Red Pare	nt Material (TF2)		
☐ Stratifie	d Layers (A5) ( <b>L</b>	RR C)	☐ De	oleted Mat	rix (F3)		☐ Other (Ex	plain in Remarks)		
1 cm Mi	uck (A9) (LRR D	)			Surface (F6)					
☐ Deplete	d Below Dark Sเ	urface (A11)	☐ De	oleted Dar	k Surface (F	7)				
☐ Thick D	ark Surface (A12	2)	☐ Re	dox Depre	ssions (F8)					
☐ Sandy N	Mucky Material (	S1)	☐ Vei	nal Pools	(F9)			f hydrophytic vegetation and wetland hydrology		
☐ Sandy 0	Gleyed Matrix (Se	4)					must be pres	sent, unless disturbed or problematic.		
Restrictive	Layer (if present	.).								
	, , ,	.,,.								
Type:							Hydric Soils Pres	sent? Yes ☐ No ⊠		
Depth (inch	nes):									
Remarks:	*digging impos	ssible - roc	k hardpan							
	227									
HYDROI Wetland H	_OGY ydrology Indica	itors								
Primary Inc	dicators (minimur		quired; check al	l that appl	Y			Secondary Indicators (2 or more required)		
Surface	Water (A1)			Salt Crust	(B11)			☐ Water Marks (B1) (Riverine)		
☐ High Wa	ater Table (A2)			Biotic Crus	st (B12)			☐ Sediment Deposits (B2) (Riverine)		
☐ Saturati	on (A3)				vertebrates			☐ Drift Deposits ( <b>Riverine</b> )		
☐ Water N	Marks (B1) ( <b>Nonr</b>	riverine)		Hydrogen	Sulfide Odo	r (C1)		☐ Drainage Patterns (B10)		
☐ Sedime	nt Deposits (B2)	(Nonriveri	ne) 🗌	Oxidized F	Rhizosphere	s along L	iving Roots (C3)	☐ Dry-Season Water Table (C2)		
☐ Drift De	posits (B3) ( <b>Non</b>	riverine)		Presence	of Reduced	Iron (C4)	)	☐ Crayfish Burrows (C8)		
☐ Surface	Soil Cracks (B6	)		Recent Irc	n Reduction	in Tilled	Soils (C6)	☐ Saturation Visible on Aerial Imagery (C9)		
☐ Inundati	ion Visible on Ae	rial Imagery	(B7) □	Thin Muck	Surface (C	7)		☐ Shallow Aquitard (D3)		
☐ Water-S	Stained Leaves (I	B9)		Other (Exp	olain in Rem	arks)		☐ FAC-Neutral Test (D5)		
Field Obse	ervations									
Surface Wa	ater Present?	Υe	es 🗌 No 🗌 De	pth (in.) _						
Water Tabl	e Present?	Υe	es 🗌 No 🔲 De	pth (in.)		,	Wetland Hydrology	y Present? Yes □ No ⊠		
Saturation	Present?	Υe	es 🗌 No 🔲 De	pth (in.)						
(includes c	apillary fringe)			· · · · · <u> </u>						
Describe R	ecorded Data (s	tream gaug	e, monitoring w	ell, aerial p	ohotos, prev	ious insp	ections), if available	e:		
D										
Remarks:										

Project/Site: <u>Desert Claim</u>		City	/County: Ell	ensburg/Kittitas County	Sampling Date: 9-20-17			
Applicant/Owner: <u>EDF</u>		Sta	te: <u>WA</u>	Sampling Point: <u>GA-SP-11</u>				
Investigator(s): CW, JD Grette Associates				_	18 Township: <u>19</u> Range: <u>18</u>			
Landform (hillslope, terrace, etc.): Slope				relief (concave□, convex□, r	· · · · · —			
Subregion (LRR): <u>B</u>			Lat: <u>47</u>	7.13229 Long: <u>-120.63048</u>	Datum: NAD83(2011)			
Soil Map Name: Skeeter-Millhouse-Lablue comp				<b>7</b>	NWI Classification:			
Are climatic/hydrologic conditions on the site typi								
Are Vegetation ☐ Soil ☐, or Hydrology ☐ signif	-				es" present? Yes ⊠ No □			
Are Vegetation ☐ Soil ☐, or Hydrology ☐ signif			•					
SUMMARY OF FINDINGS – Attach site ma			npling poil	nt locations, transects, im	nportant features, etc.			
	es 🛛 No [							
	es 🛛 No [		Is the san	npled area within a wetland?	Yes ⊠ No □			
	es 🛛 No [							
Remarks: R115								
VEGETATION – Use scientific names of p								
		Domina	nt Indicator	Dominance Test worksheet:				
Tree Stratum (Plot size:30')	% Cover	Species	? Status	Number of Dominant Species				
1				that are OBL, FACW, or FAC:	<u>1 (A)</u>			
2					<u>1 (A)</u>			
3				Total Number of Dominant Species Across All Strata:	1 (D)			
4					<u>1 (B)</u>			
		= Total	Cover	Percent of Dominant Species that are OBL, FACW, or FAC:	100 (A/B)			
Sapling/Shrub Stratum (Plot size:15')				Prevalence Index worksheet:	100 (A/B)			
1				Prevalence index worksheet:				
2				Total % Cover of:	Multiply by:			
3				OBL species	x 1 =			
4				FACW species	x 2 =			
5				FAC species	x 3 =			
		= Total	Cover	FACU species	x 4 =			
Herb Stratum (Plot size:5')				UPL species	x 5 =			
	70	V	EAC	Column Totals (A)	(B)			
Poa pratensis     Achillea millefolium	<u>70</u>	<u>Y</u>	FAC					
3. <u>Camassia quamash</u>	<u>10</u> 10	<u>N</u> N	<u>FACU</u> <u>FACW</u>	Prevalence inde				
4	<u>10</u>	<u>1N</u>	<u>I ACVV</u>	Hydrophytic Vegetation indica	ators:			
5				☐ Dominance Test is >50%				
6				☐ Prevalence Index is ≤3.0 <sup>1</sup>				
7.				☐ Morphological Adaptations¹	(provide supporting data in			
8				Remarks or on a sep				
	90%	= Total	Cover	☐ Problematic Hydrophytic Ve	getation <sup>1</sup> (explain)			
Woody Vine Stratum (Plot size: )				<sup>1</sup> Indicators of hydric soil and we	tland hydrology must be			
1				present, unless disturbed or pro	blematic.			
2.								
		= Total	Cover	Hydrophytic vegetation pro	osant? Vas 🖂 Na 🖂			
				nyurophytic vegetation pro	esent? Tes 🖂 No 🗀			
	Cover of E	Biotic Crus	St					
Remarks:								

	ription: (Desc	ribe to the	depth needed	to docun	nent the inc	licator or	confirm the abser	nce of indicators.)	
Depth	Matrix			Redox Fea	atures		_		
	Color (moist)	% ! 05	Color (moist)	<u>%</u>	Type₁	Loc <sub>2</sub>	Texture	Remarks	
0-5* 1	10YR 3/2	95	10YR 4/3	5	С	M	stony loam		
1 0 0		D latia	DM D. J.	1		011	010	Di Dan l'alan M Matri	
			to all LRRs, ui					ocation: PL=Pore linings; M=Matrix  or Problematic Hydric Soils³:	
_	•	<b>,</b>				,	_	·	
☐ Histosol (A	,			ndy Redo				ck (A9) (LRR C)	
☐ Histic Epip☐ Black Histic				ripped Mat		=1)	☐ 2 cm Muc	k (A10) (LRR B)	
☐ Hydrogen	` ,			-	y Material (F ed Matrix (F2			nt Material (TF2)	
☐ Stratified L		RR C)		pleted Ma		-)	<del></del>	plain in Remarks)	
1 cm Muck				•	Surface (F6)	1		plant in Remarks)	
☐ Depleted B			_		rk Surface (I				
☐ Thick Dark					essions (F8)	,,			
<del></del>	•	,						hydrophytic vegetation and wetland hydrology	
□ Sandy Mucky Material (S1) □ Vernal Pools (F9) must be present, unless disturbed or problematic.							ent, unless disturbed or problematic.		
Restrictive Lay	yer (if present	):							
Type:							Hydric Soils Bro	sent? Yes ⊠ No □	
Depth (inches	٠١٠						nyunc sons Fre	sent? Tes 🖂 NO 📋	
Remarks: *P	Point of resist	tance							
HYDROLOGY									
Wetland Hydi	Irology Indica		aviradi abaali a	II that ann	h.			Secondary Indicators (2 or mars required)	
Wetland Hydi Primary Indica	Irology Indica ators (minimur		quired; check a					Secondary Indicators (2 or more required)  Water Marks (B1) (Riverine)	
Wetland Hydromary Indicated With Surface With	Irology Indica ators (minimur /ater (A1)			Salt Crus	(B11)			☐ Water Marks (B1) (Riverine)	
Wetland Hydi Primary Indica ☐ Surface Water ☐ High Water	Irology Indica ators (minimur /ater (A1) er Table (A2)			Salt Crust Biotic Cru	st (B11)	(B13)		☐ Water Marks (B1) (Riverine) ☐ Sediment Deposits (B2) (Riverine)	
Wetland Hydi Primary Indica ☐ Surface Wa ☐ High Wate ☐ Saturation	Irology Indica ators (minimur /ater (A1) er Table (A2) i (A3)	m of one red		Salt Crus Biotic Cru Aquatic Ir	t (B11) st (B12) overtebrates			☐ Water Marks (B1) (Riverine) ☐ Sediment Deposits (B2) (Riverine) ☐ Drift Deposits (Riverine)	
Wetland Hydi Primary Indica Surface Water High Water Saturation Water Mari	Irology Indica ators (minimur /ater (A1) er Table (A2) (A3) rks (B1) ( <b>Nonr</b>	n of one red		Salt Crust Biotic Cru Aquatic Ir Hydrogen	E (B11) st (B12) overtebrates Sulfide Odd	or (C1)	iving Roots (C3)	Water Marks (B1) (Riverine)     Sediment Deposits (B2) (Riverine)     Drift Deposits (Riverine)     Drainage Patterns (B10)	
Wetland Hydi Primary Indica Surface Water High Water Saturation Water Mart	rology Indica ators (minimur /ater (A1) er Table (A2) (A3) rks (B1) (Nonr Deposits (B2)	n of one red iverine) (Nonriverin		Salt Crusi Biotic Cru Aquatic Ir Hydrogen Oxidized	t (B11) st (B12) overtebrates Sulfide Odd Rhizosphere	or (C1) es along L	iving Roots (C3)	Water Marks (B1) (Riverine)     Sediment Deposits (B2) (Riverine)     Drift Deposits (Riverine)     Drainage Patterns (B10)     Dry-Season Water Table (C2)	
Wetland Hydi Primary Indica Surface Water High Water Saturation Water Mark Sediment I Drift Depos	rology Indica ators (minimur /ater (A1) er Table (A2) (A3) rks (B1) (Nonr Deposits (B2) sits (B3) (Non	n of one red riverine) (Nonriverine)	ne)	Salt Crus Biotic Cru Aquatic Ir Hydrogen Oxidized Presence	t (B11) st (B12) evertebrates Sulfide Odo Rhizosphere of Reduced	or (C1) es along L Iron (C4)		Water Marks (B1) (Riverine)     Sediment Deposits (B2) (Riverine)     Drift Deposits (Riverine)     Drainage Patterns (B10)	
Wetland Hydi Primary Indica Surface Water High Water Saturation Water Mart	rology Indica ators (minimur /ater (A1) er Table (A2) (A3) rks (B1) (Nonr Deposits (B2) sits (B3) (Non oil Cracks (B6)	n of one rec viverine) (Nonriverine) riverine)	ne)	Salt Crus Biotic Cru Aquatic Ir Hydrogen Oxidized Presence Recent Ir	st (B11) st (B12) evertebrates Sulfide Odd Rhizosphere of Reduced on Reduction	or (C1) es along L Iron (C4) n in Tilled		Water Marks (B1) (Riverine)     Sediment Deposits (B2) (Riverine)     Drift Deposits (Riverine)     Drainage Patterns (B10)     Dry-Season Water Table (C2)     Crayfish Burrows (C8)     Saturation Visible on Aerial Imagery (C9)	
Wetland Hydi Primary Indica Surface Water High Water Saturation Water Mark Sediment I Drift Depos Surface So	rology Indica ators (minimur /ater (A1) er Table (A2) (A3) rks (B1) (Nonr Deposits (B2) sits (B3) (Non oil Cracks (B6)	n of one rec riverine) (Nonriverine) riverine)	ne)	Salt Crusi Biotic Cru Aquatic Ir Hydrogen Oxidized Presence Recent Ir Thin Mucl	t (B11) st (B12) evertebrates Sulfide Odo Rhizosphere of Reduced	or (C1) es along L I Iron (C4) n in Tilled		Water Marks (B1) (Riverine)     Sediment Deposits (B2) (Riverine)     Drift Deposits (Riverine)     Drainage Patterns (B10)     Dry-Season Water Table (C2)     Crayfish Burrows (C8)	
Wetland Hyding Primary Indicated Surface William Saturation Water Mark Sediment In Drift Deposed Surface Score Inundation	rology Indica ators (minimur /ater (A1) er Table (A2) rks (B1) (Nonr Deposits (B2) sits (B3) (Non oil Cracks (B6) n Visible on Ae ined Leaves (E	n of one rec riverine) (Nonriverine) riverine)	ne)	Salt Crusi Biotic Cru Aquatic Ir Hydrogen Oxidized Presence Recent Ir Thin Mucl	t (B11) st (B12) evertebrates Sulfide Odo Rhizosphere of Reduced on Reduction & Surface (C	or (C1) es along L I Iron (C4) n in Tilled		Water Marks (B1) (Riverine)     Sediment Deposits (B2) (Riverine)     Drift Deposits (Riverine)     Drainage Patterns (B10)     Dry-Season Water Table (C2)     Crayfish Burrows (C8)     Saturation Visible on Aerial Imagery (C9)     Shallow Aquitard (D3)	
Wetland Hydi Primary Indica Surface Water Saturation Water Mart Sediment I Drift Depos Surface So Inundation Water-Stai	rology Indica ators (minimur /ater (A1) er Table (A2) rks (B1) (Nonr Deposits (B2) sits (B3) (Non oil Cracks (B6) n Visible on Ae ined Leaves (E	n of one reconstruction of one reconstruction (Nonriverine) ) rial Imagery 39)	ne)	Salt Crusi Biotic Cru Aquatic Ir Hydrogen Oxidized Presence Recent Iro Thin Muci Other (Ex	t (B11) st (B12) evertebrates Sulfide Odd Rhizosphere of Reduced on Reduction & Surface (C plain in Rem	es along L I Iron (C4) In in Tilled (77) Inarks)	Soils (C6)	Water Marks (B1) (Riverine)     Sediment Deposits (B2) (Riverine)     Drift Deposits (Riverine)     Drainage Patterns (B10)     Dry-Season Water Table (C2)     Crayfish Burrows (C8)     Saturation Visible on Aerial Imagery (C9)     Shallow Aquitard (D3)     FAC-Neutral Test (D5)	
Wetland Hydi Primary Indica Surface Water Saturation Water Mari Sediment I Drift Depos Surface So Inundation Water-Stai	rology Indica ators (minimur /ater (A1) er Table (A2) rks (B1) (Nonr Deposits (B2) sits (B3) (Non oil Cracks (B6) n Visible on Ae ined Leaves (E	riverine) (Nonriverine) ) erial Imagery (39)	ne)	Salt Crusi Biotic Cru Aquatic Ir Hydrogen Oxidized Presence Recent Ir Thin Muci Other (Ex	t (B11) st (B12) nvertebrates Sulfide Odd Rhizosphere of Reduced on Reduction x Surface (C plain in Ren	es along L I Iron (C4) In in Tilled (77) Inarks)	Soils (C6)	Water Marks (B1) (Riverine)     Sediment Deposits (B2) (Riverine)     Drift Deposits (Riverine)     Drainage Patterns (B10)     Dry-Season Water Table (C2)     Crayfish Burrows (C8)     Saturation Visible on Aerial Imagery (C9)     Shallow Aquitard (D3)	
Wetland Hydi Primary Indica Surface Water Saturation Water Mark Sediment I Drift Depos Surface So Inundation Water-Stai Field Observa	rology Indica ators (minimur /ater (A1) er Table (A2) (A3) rks (B1) (Nonr Deposits (B2) sits (B3) (Non oil Cracks (B6) n Visible on Ae ined Leaves (Barations er Present?	iverine) (Nonriverine) ) virial Imagery 39)	ne)	Salt Crusi Biotic Cru Aquatic Ir Hydrogen Oxidized Presence Recent Ir Thin Muci Other (Ex	t (B11) st (B12) evertebrates Sulfide Odd Rhizosphere of Reduced on Reduction & Surface (C plain in Ren	es along L I Iron (C4) In in Tilled (77) Inarks)	Soils (C6)	Water Marks (B1) (Riverine)     Sediment Deposits (B2) (Riverine)     Drift Deposits (Riverine)     Drainage Patterns (B10)     Dry-Season Water Table (C2)     Crayfish Burrows (C8)     Saturation Visible on Aerial Imagery (C9)     Shallow Aquitard (D3)     FAC-Neutral Test (D5)	
Wetland Hydi Primary Indica Surface Water Saturation Water Mark Sediment I Drift Depos Surface Sci Inundation Water-Stai Field Observation Water Table F Saturation Pre (includes capil	rology Indica ators (minimur /ater (A1) er Table (A2) rks (B1) (Nonr Deposits (B2) sits (B3) (Non oil Cracks (B6) n Visible on Ae ined Leaves (B rations er Present? Present?	riverine) (Nonriverine) ) rial Imagery 39)  Ye	ne)	Salt Crusi Biotic Cru Aquatic Ir Hydrogen Oxidized Presence Recent Ir Thin Muci Other (Ex	t (B11) st (B12) nvertebrates Sulfide Odd Rhizosphere of Reduced on Reduction c Surface (C plain in Ren	or (C1) es along L I Iron (C4) in in Tilled e7) narks)	Soils (C6)  Wetland Hydrolog	Water Marks (B1) (Riverine)  Sediment Deposits (B2) (Riverine)  Drift Deposits (Riverine)  Drainage Patterns (B10)  Dry-Season Water Table (C2)  Crayfish Burrows (C8)  Saturation Visible on Aerial Imagery (C9)  Shallow Aquitard (D3)  FAC-Neutral Test (D5)	
Wetland Hydi Primary Indica Surface Water Saturation Water Mark Sediment I Drift Depos Surface Sci Inundation Water-Stai Field Observation Water Table F Saturation Pre (includes capil	rology Indica ators (minimur /ater (A1) er Table (A2) rks (B1) (Nonr Deposits (B2) sits (B3) (Non oil Cracks (B6) n Visible on Ae ined Leaves (B rations er Present? Present?	riverine) (Nonriverine) ) rial Imagery 39)  Ye	ne)	Salt Crusi Biotic Cru Aquatic Ir Hydrogen Oxidized Presence Recent Ir Thin Muci Other (Ex	t (B11) st (B12) nvertebrates Sulfide Odd Rhizosphere of Reduced on Reduction c Surface (C plain in Ren	or (C1) es along L I Iron (C4) in in Tilled e7) narks)	Soils (C6)	Water Marks (B1) (Riverine)  Sediment Deposits (B2) (Riverine)  Drift Deposits (Riverine)  Drainage Patterns (B10)  Dry-Season Water Table (C2)  Crayfish Burrows (C8)  Saturation Visible on Aerial Imagery (C9)  Shallow Aquitard (D3)  FAC-Neutral Test (D5)	
Wetland Hydi Primary Indica Surface Water Saturation Water Mark Sediment I Drift Depos Surface Sci Inundation Water-Stai Field Observation Water Table F Saturation Pre (includes capil	rology Indica ators (minimur /ater (A1) er Table (A2) rks (B1) (Nonr Deposits (B2) sits (B3) (Non oil Cracks (B6) n Visible on Ae ined Leaves (B rations er Present? Present?	riverine) (Nonriverine) ) rial Imagery 39)  Ye	ne)	Salt Crusi Biotic Cru Aquatic Ir Hydrogen Oxidized Presence Recent Ir Thin Muci Other (Ex	t (B11) st (B12) nvertebrates Sulfide Odd Rhizosphere of Reduced on Reduction c Surface (C plain in Ren	or (C1) es along L I Iron (C4) in in Tilled e7) narks)	Soils (C6)  Wetland Hydrolog	Water Marks (B1) (Riverine)  Sediment Deposits (B2) (Riverine)  Drift Deposits (Riverine)  Drainage Patterns (B10)  Dry-Season Water Table (C2)  Crayfish Burrows (C8)  Saturation Visible on Aerial Imagery (C9)  Shallow Aquitard (D3)  FAC-Neutral Test (D5)	
Wetland Hydi Primary Indica Surface Water Saturation Water Mark Sediment I Drift Depos Surface Sci Inundation Water-Stai Field Observation Water Table F Saturation Pre (includes capil	rology Indica ators (minimur /ater (A1) er Table (A2) (A3) rks (B1) (Nonr Deposits (B2) sits (B3) (Non oil Cracks (B6) n Visible on Ae ined Leaves (Barations er Present? Present? esent? esent?	riverine) (Nonriverine) ) rial Imagery 39)  Ye	ne)	Salt Crusi Biotic Cru Aquatic Ir Hydrogen Oxidized Presence Recent Ir Thin Muci Other (Ex	t (B11) st (B12) nvertebrates Sulfide Odd Rhizosphere of Reduced on Reduction c Surface (C plain in Ren	or (C1) es along L I Iron (C4) in in Tilled e7) narks)	Soils (C6)  Wetland Hydrolog	Water Marks (B1) (Riverine)  Sediment Deposits (B2) (Riverine)  Drift Deposits (Riverine)  Drainage Patterns (B10)  Dry-Season Water Table (C2)  Crayfish Burrows (C8)  Saturation Visible on Aerial Imagery (C9)  Shallow Aquitard (D3)  FAC-Neutral Test (D5)	
Wetland Hydi Primary Indica Surface Water High Water Saturation Water Mark Sediment I Drift Depos Inundation Water-Stai Field Observation Water Table F Saturation Pre (includes capil	rology Indica ators (minimur /ater (A1) er Table (A2) (A3) rks (B1) (Nonr Deposits (B2) sits (B3) (Non oil Cracks (B6) n Visible on Ae ined Leaves (Barations er Present? Present? esent? esent?	riverine) (Nonriverine) ) rial Imagery 39)  Ye	ne)	Salt Crusi Biotic Cru Aquatic Ir Hydrogen Oxidized Presence Recent Ir Thin Muci Other (Ex	t (B11) st (B12) nvertebrates Sulfide Odd Rhizosphere of Reduced on Reduction c Surface (C plain in Ren	or (C1) es along L I Iron (C4) in in Tilled e7) narks)	Soils (C6)  Wetland Hydrolog	Water Marks (B1) (Riverine)  Sediment Deposits (B2) (Riverine)  Drift Deposits (Riverine)  Drainage Patterns (B10)  Dry-Season Water Table (C2)  Crayfish Burrows (C8)  Saturation Visible on Aerial Imagery (C9)  Shallow Aquitard (D3)  FAC-Neutral Test (D5)	

Project/Site: Desert Claim		City	/County: <u>El</u>	ensburg/Kittitas County	Sampling Date: 9-20-17
Applicant/Owner: EDF		Stat	e: <u>WA</u>		Sampling Point: GA-SP-12
Investigator(s): CW, JD Grette Associates					<u>18</u> Township: <u>19</u> Range: <u>18</u>
Landform (hillslope, terrace, etc.): Slope				relief (concave□, convex□,	· · · · · · · · · · · · · · · · · · ·
Subregion (LRR): <u>B</u>			Lat: <u>4</u>	7.13403 Long: <u>-120.63662</u>	Datum: NAD83(2011)
Soil Map Name:			_		NWI Classification:
Are climatic/hydrologic conditions on the site ty			year? Yes [		
Are Vegetation Soil , or Hydrology sig					ces" present? Yes ⊠ No ☐
Are Vegetation ☐ Soil ☐, or Hydrology ☐ sig	nificantly p	roblematio	c? (If neede	d, explain in Remarks)	
SUMMARY OF FINDINGS – Attach site			pling poi	nt locations, transects, i	mportant features, etc.
1	Yes 🗌 No				
Hydric soils present?	Yes 🗌 No	$\boxtimes$	Is the sar	npled area within a wetland	l? Yes □ No ⊠
Wetland hydrology present?	Yes 🗌 No	$\boxtimes$			
Remarks: R135					
VEGETATION – Use scientific names of	nlante				
	Absolut	te Dominar		Dominance Test worksheet:	
Tree Stratum (Plot size:30')	% Cove	er Species	? Status	Number of Dominant Species	
1				that are OBL, FACW, or FAC:	<u>0 (A)</u>
2				Total Number of Dominant	<u> </u>
3				Species Across All Strata:	<u>2 (B)</u>
4				Percent of Dominant Species	<u>= (5)</u>
		= Total (	Cover	that are OBL, FACW, or FAC:	<u>0 (A/B)</u>
Sapling/Shrub Stratum (Plot size:15')				Prevalence Index worksheet	
1				Trevalence index worksheet	•
2.				Total % Cover of:	Multiply by:
3.				OBL species	x 1 =
4				FACW species	x 2 =
5				FAC species	x 3 =
		= Total (	Cover	FACU species	x 4 =
Herb Stratum (Plot size:5')				UPL species	x 5 =
, ,	50	V	E4011	Column Totals(A)	(B)
1. Poa secunda	<u>50</u>	<u>Y</u>	<u>FACU</u>		
Lomatium nudicaule     Bromus tectorum	<u>20</u> <u>10</u>	<u>N</u>	<u>UPL</u> NL	Prevalence ind	lex = B/A =
4.	<u>10</u>	<u>N</u>	INL	Hydrophytic Vegetation indi	cators:
5				☐ Dominance Test is >50%	
6				☐ Prevalence Index is ≤3.0 <sup>1</sup>	
7				☐ Morphological Adaptations	<sup>1</sup> (provide supporting data in
8				Remarks or on a se	
	<u>80%</u>	= Total (	Cover	☐ Problematic Hydrophytic V	egetation <sup>1</sup> (explain)
Woody Vine Stratum (Plot size: )				<sup>1</sup> Indicators of hydric soil and w present, unless disturbed or pr	
1					
2					
		= Total (	Cover	Hydrophytic vegetation p	resent? Yes ∐ No ⊠
% Bare Ground in Herb Stratum	% Cover of	Biotic Crus	t		
Remarks:					

		ribe to the				icator or	confirm the abser	nce of indicators.)		
Depth (inches)	Matrix Color (moist)	%	Color (moist)	Redox Fea %	tures Type1	Loc <sub>2</sub>	 Texture	Remarks		
0-14*	7.5YR 2.5/2	100	10YR 4/3	5	C	M	silt loam	Tromano .		
							0.0.100			
<sup>1</sup> Type: C=C	Concentration; D	i =Depletion;	RM=Reduced r	l natrix; CS	=Covered or	r Coated	Sand Grains. <sup>2</sup> Lo	ocation: PL=Pore linings; M=Matrix		
	Is Indicators: (/							or Problematic Hydric Soils <sup>3</sup> :		
	`					,	_	•		
Histosol	` ,			ndy Redox			☐ 1 cm Muck (A9) ( <b>LRR C</b> ) ☐ 2 cm Muck (A10) ( <b>LRR B</b> )			
☐ Black H	pipedon (A2)			pped Mati	y Material (F	11)				
	en Sulfide (A4)				d Matrix (F2		☐ Reduced	nt Material (TF2)		
	d Layers (A5) ( <b>L</b>	RR C)		oleted Mat		.)				
	uck (A9) ( <b>LRR D</b>				Surface (F6)		☐ Other (Explain in Remarks)			
	d Below Dark Su	•			k Surface (F					
-	ark Surface (A12				ssions (F8)	.,				
	Mucky Material (	•		nal Pools				hydrophytic vegetation and wetland hydrology		
-	Gleyed Matrix (S	•		11011 0010	(1 0)		must be pres	ent, unless disturbed or problematic.		
	Layer (if present									
	, , ,	)-						AV 50 5		
Type: Depth (inches):							Hydric Soils Pres	sent? Yes □ No ⊠		
, ,	*Point of resis	tonoo								
Remarks.	Politi di 16212	lance								
HYDROL										
	ydrology Indica dicators (minimur		ruirod: abaak al	I that appl	.,			Secondary Indicators (2 or more required)		
Surface	Water (A1)	ii oi one iec		Salt Crust				Water Marks (B1) (Riverine)		
	ater Table (A2)		<del></del>	Biotic Cru	` ,		Sediment Deposits (B2) (Riverine)			
☐ Saturati	, ,				vertebrates	(B13)	☐ Drift Deposits (Riverine)			
	Marks (B1) (Nonr	iverine)		Hydrogen	Sulfide Odo	r (C1)		☐ Drainage Patterns (B10)		
	nt Deposits (B2)						iving Roots (C3)	☐ Dry-Season Water Table (C2)		
	posits (B3) ( <b>Non</b>	•			of Reduced			☐ Crayfish Burrows (C8)		
	Soil Cracks (B6			Recent Iro	n Reduction	n in Tilled	Soils (C6)	☐ Saturation Visible on Aerial Imagery (C9)		
	ion Visible on Ae				Surface (C		,	☐ Shallow Aquitard (D3)		
☐ Water-S	Stained Leaves (I	39)	· /	Other (Exp	olain in Rem	arks)		☐ FAC-Neutral Test (D5)		
Field Obse	ervations									
Surface Wa	ater Present?	Υe	es 🗌 No 🗌 De <sub>l</sub>	oth (in.) _						
Water Tabl	e Present?	Υe	es 🗌 No 🗌 De <sub>l</sub>	oth (in.)		'	Wetland Hydrology	y Present? Yes ☐ No ⊠		
Saturation		Υe	es 🗌 No 🗌 De <sub>l</sub>	oth (in.) _						
(includes capillary fringe)										
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:										
Remarks:										

Project/Site: <u>Desert Claim</u>		-	-	ensburg/Kittitas County	Sampling Date: 9-20-17
Applicant/Owner: <u>EDF</u>		Stat	e: <u>WA</u>		Sampling Point: GA-SP-13
Investigator(s): <u>CW, JD Grette Associates</u>					<u>8</u> Township: <u>19</u> Range: <u>18</u>
Landform (hillslope, terrace, etc.): hillslope				relief (concave⊠, convex⊡, n	
Subregion (LRR): B			Lat: <u>47</u>	<u>'.13408</u> Long: <u>-120.63679</u>	Datum: <u>NAD83(2011)</u>
Soil Map Name: Reelaw-Reeser-Lablue complex 3			<b></b> 5	<b>7</b>	NWI Classification:
Are climatic/hydrologic conditions on the site typic			year? Yes ⊵		
Are Vegetation ☐ Soil ☐, or Hydrology ☐ signific Are Vegetation ☐ Soil ☐, or Hydrology ☐ signific	-		c? (If needed	Are "Normal Circumstance d, explain in Remarks)	es" present? Yes ⊠ No ∐
SUMMARY OF FINDINGS – Attach site ma	p show	ing sam	npling poir	nt locations, transects, im	portant features, etc.
Hydrophytic vegetation present? Yes	S ⊠ No [				
Hydric soils present? Yes	No [		le the con	npled area within a wetland?	Yes ⊠ No □
	No [		is the sail	ipied area within a wetiand?	Tes M NO
Remarks: R135					
Presumed did not look like wetland - looks more	like drain	nage swa	le.		
VEGETATION – Use scientific names of pl	ants				
	Absolute		nt Indicator	Dominance Test worksheet:	
Tree Stratum (Plot size:30')	% Cover	Species'	? Status	Number of Dominant Species	
1				that are OBL, FACW, or FAC:	<u>2 (A)</u>
2				Total Number of Dominant	<del></del>
3				Species Across All Strata:	<u>3 (B)</u>
4				Percent of Dominant Species	<del></del>
		= Total (	Cover	that are OBL, FACW, or FAC:	67 (A/B)
Sapling/Shrub Stratum (Plot size:15')				Prevalence Index worksheet:	
1					
2				Total % Cover of:	Multiply by:
3				OBL species	x 1 =
4				FACW species	x 2 =
5				FAC species	x 3 =
		= Total (	Cover	FACU species	x 4 =
Herb Stratum (Plot size:5')				UPL species(A)	x 5 =(B)
1. <u>Poa secunda</u>	<u>20</u>	<u>Y</u>	FACU	Column Totals(A)	(D)
2. Lomatium nudicaule	<u>5</u>	<u>N</u>	<u>UPL</u>	Prevalence index	v – R/A –
3. Poa pratensis	<u>20</u>	<u>Y</u>	<u>FAC</u>	Hydrophytic Vegetation indica	·
4. Agrostis sp.	<u>20</u>	<u>Y</u>	<u>FAC</u>		iiors.
5				☐ Dominance Test is >50%	
6				☐ Prevalence Index is ≤3.0¹	
7 8				☐ Morphological Adaptations¹ ( Remarks or on a sep	(provide supporting data in
0	65%	= Total (	Cover	☐ Problematic Hydrophytic Veg	,
Woody Vine Stratum (Plot size: )	<u>0070</u>	- rotar c	30101	<sup>1</sup> Indicators of hydric soil and wet	,
1				present, unless disturbed or prob	olematic.
2					
		= Total (	Cover	Hydrophytic vegetation pre	sent? Yes 🕅 No 🗆
% Bare Ground in Herb Stratum % 0	Cover of B			Trydrophlytic vegetation pro	John: 103 🖂 110 🗀
Remarks:			· <u></u>	<u> </u>	

		ribe to the				icator o	r confirm the abse	nce of indicators.)	
Depth (inches)	Matrix Color (moist)	%	Color (moist)	Redox Fea %	Type <sub>1</sub>	Loc <sub>2</sub>	— Texture	Remarks	
			· · · · · · · · · · · · · · · · · · ·				silt loam at		
hardpan							surface		
Type: C=Concentration; D=Depletion; RM=Reduced matrix; CS=Covered or Coated Sand Grains.   Location: PL=Pore linings; M=Matrix									
Hydric Soils Indicators: (Applicable to all LRRs, unless otherwise noted.) Indicators for Problematic Hydric Soils <sup>3</sup> :									
☐ Histoso	I (A1)		□ Sar	ndy Redox	(S5)		☐ 1 cm Muc	ck (A9) (LRR C)	
☐ Histic Epipedon (A2)				pped Mati			2 cm Muck (A10) (LRR B)		
☐ Black H					/ Material (F	1)	☐ Reduced		
	en Sulfide (A4)			-	d Matrix (F2		<del></del>	ent Material (TF2)	
	d Layers (A5) ( <b>L</b>	RR C)		oleted Mat	,	• /		xplain in Remarks)	
	uck (A9) ( <b>LRR D</b>				Surface (F6)		<b></b>	, p. a	
	d Below Dark Su	•			k Surface (F				
-	ark Surface (A12				ssions (F8)	.,			
_	Mucky Material (	,		nal Pools	` ,			f hydrophytic vegetation and wetland hydrology	
☐ Sandy Material (S1)					(. 0)		must be pres	sent, unless disturbed or problematic.	
Restrictive Layer (if present):									
	Layer (ir preseni	1):							
Type:	<u> </u>						Hydric Soils Pre	sent? Yes ⊠ No □	
Depth (inch	nes):								
Remarks:	Presumed pre	obematic h	ydric soil - soi	I could n	ot be pene	trated			
	•		•		•				
HYDROL									
	ydrology Indica dicators (minimus		uired: check all	that apply	V			Secondary Indicators (2 or more required)	
	Water (A1)	11 01 0110 100		Salt Crust					
☐ High Wa	ater Table (A2)			Biotic Cru	st (B12)			☐ Sediment Deposits (B2) (Riverine)	
☐ Saturati	on (A3)			Aquatic In	vertebrates	(B13)		☐ Drift Deposits (Riverine)	
☐ Water N	Marks (B1) ( <b>Non</b> i	riverine)		Hydrogen	Sulfide Odo	r (C1)		☐ Drainage Patterns (B10)	
☐ Sedime	nt Deposits (B2)	(Nonriveri	ne) 🔲 (	Oxidized F	Rhizosphere	s along l	Living Roots (C3)	☐ Dry-Season Water Table (C2)	
☐ Drift De	posits (B3) (Non	riverine)		Presence	of Reduced	Iron (C4	.)	☐ Crayfish Burrows (C8)	
Surface	Soil Cracks (B6	)		Recent Iro	n Reduction	in Tilled	d Soils (C6)	☐ Saturation Visible on Aerial Imagery (C9)	
☐ Inundati	ion Visible on Ae	erial Imagery	(B7)	Thin Muck	Surface (C	7)		☐ Shallow Aquitard (D3)	
☐ Water-S	Stained Leaves (	B9)		Other (Exp	olain in Rem	arks)		☐ FAC-Neutral Test (D5)	
Field Obse	ervations								
Surface Wa	ater Present?	Υe	s 🗌 No 🔲 Dep	oth (in.) _					
Water Tabl	e Present?	Υe	s 🗌 No 🗌 Dep	oth (in.)			Wetland Hydrolog	y Present? Yes ⊠ No □	
Saturation	Present?	Υe	s 🗌 No 🔲 De	oth (in.)					
(includes c	(includes capillary fringe)								
Describe R	ecorded Data (s	tream gauge	e, monitoring we	ell, aerial p	ohotos, prev	ious insp	pections), if available	ə:	
Daves - ::l:									
Remarks:									

Project/Site: Desert Claim		City	County: El	ensburg/Kittitas County	Sampling Date: 9-20-17
Applicant/Owner: EDF		Stat	e: <u>WA</u>		Sampling Point: GA-SP-14
Investigator(s): CW, JD Grette Associates					<u>19</u> Township: <u>19</u> Range: <u>18</u>
Landform (hillslope, terrace, etc.): hillslope				relief (concave□, convex□,	· · · · · · · · · · · · · · · · · · ·
Subregion (LRR): <u>B</u>			Lat: <u>47</u>	7.12995 Long: <u>-120.63364</u>	Datum: NAD83(2011)
Soil Map Name: Sketter-Millhouse-Lablue comp			_		NWI Classification:
Are climatic/hydrologic conditions on the site type			/ear? Yes [		
Are Vegetation ☐ Soil ☐, or Hydrology ☐ sign					ces" present? Yes ⊠ No ☐
Are Vegetation ☐ Soil ☐, or Hydrology ☐ sign					
SUMMARY OF FINDINGS – Attach site n			pling poi	nt locations, transects, i	mportant features, etc.
1	′es 🛛 No				
	′es 🛛 No		Is the sar	npled area within a wetland	l? Yes ⊠ No □
Wetland hydrology present?	′es 🛛 No			•	
Remarks: R112					
VEGETATION – Use scientific names of	nlants				
	Absolut	e Dominar		Dominance Test worksheet:	
Tree Stratum (Plot size:30')	% Cove	r Species	? Status	Number of Dominant Species	
1				that are OBL, FACW, or FAC:	<u>1 (A)</u>
2				Total Number of Dominant	<del> ,</del>
3				Species Across All Strata:	<u>1 (B)</u>
4				Percent of Dominant Species	<u>. (5)</u>
		= Total C	Cover	that are OBL, FACW, or FAC:	100 (A/B)
Sapling/Shrub Stratum (Plot size:15')				Prevalence Index worksheet	
1				Trevalence mack worksheet	•
2				Total % Cover of:	Multiply by:
3				OBL species	x 1 =
4				FACW species	x 2 =
5				FAC species	x 3 =
		= Total C	Cover	FACU species	x 4 =
Herb Stratum (Plot size:5')				UPL species	x 5 =
1. Lomatium nudicaule	10	N	LIDI	Column Totals(A)	(B)
Lomatium nudicaule     Loga pratensis	<u>10</u> 70	<u>N</u> <u>Y</u>	<u>UPL</u> FAC		
3	<u>70</u>	<u></u>	IAC	Prevalence ind	
4				Hydrophytic Vegetation indi	cators:
5				☐ Dominance Test is >50%	
6				☐ Prevalence Index is ≤3.0 <sup>1</sup>	
7				☐ Morphological Adaptations	s <sup>1</sup> (provide supporting data in
8				Remarks or on a se	
	<u>80%</u>	= Total C	Cover	☐ Problematic Hydrophytic V	egetation1 (explain)
Woody Vine Stratum (Plot size: )				<sup>1</sup> Indicators of hydric soil and w present, unless disturbed or pr	
1 2.					
<del></del>		= Total 0	201/05	Uvdranhytia vagatatian n	recent? Vec M No 🗆
				Hydrophytic vegetation p	ireseiit? Tes 🖂 No 🗌
	% Cover of	Biotic Crus	t		
Remarks:					

	scription: (Desc	ribe to the	depth needed	to docum	nent the inc	licator or	confirm the abser	nce of indicators.)		
Depth (inches)	Matrix Color (moist)	%	Color (moist)	Redox Fea %	atures Type1	Loc <sub>2</sub>	— Texture	Remarks		
0-8	10YR 2/2`	99	10YR 4/3	1	С	M	loam	very hard		
	1011(2/2	00	1011( 4/0				louiii	Very nara		
<sup>1</sup> Type: C=Concentration; D=Depletion; RM=Reduced matrix; CS=Covered or Coated Sand Grains. <sup>2</sup> Location: PL=Pore linings; M=Matrix										
	ls Indicators: (							or Problematic Hydric Soils <sup>3</sup> :		
☐ Histoso	I (A1)		ПSa	ndy Redox	(S5)		□ 1 cm Muc	ek (A9) (LRR C)		
☐ Histic Epipedon (A2)				ipped Mat			☐ 1 cm Muck (A9) ( <b>LRR C</b> ) ☐ 2 cm Muck (A10) ( <b>LRR B</b> )			
☐ Black H					y Material (F	=1)	☐ Reduced			
	en Sulfide (A4)			-	ed Matrix (F2			nt Material (TF2)		
	d Layers (A5) (L	RR C)		pleted Ma		,		plain in Remarks)		
	uck (A9) (LRR D				Surface (F6)	)	_ ,	•		
☐ Deplete	d Below Dark Su	urface (A11)	De □	pleted Dai	k Surface (I	F7)				
☐ Thick D	ark Surface (A12	2)	☐ Re	dox Depre	ssions (F8)					
☐ Sandy M	Mucky Material (	S1)	☐ Ve	rnal Pools	(F9)			hydrophytic vegetation and wetland hydrology sent, unless disturbed or problematic.		
☐ Sandy Gleyed Matrix (S4)										
Restrictive	Layer (if present	t):								
Type: Hydric Soils Present? Yes ⊠ No □										
Depth (inch	nes):									
Remarks:	Presumed pre	obematic h	nydric - does r	not meet	F6.					
HYDROI	_OGY									
Wetland H	ydrology Indica									
	dicators (minimu Water (A1)	m of one red	quired; check a	I that appl Salt Crust	<u>y</u> (D11)		Secondary Indicators (2 or more required)			
	. ,						☐ Water Marks (B1) (Riverine)			
☐ Saturati	ater Table (A2)			Biotic Cru	si (b12) vertebrates	(B12)	☐ Sediment Deposits (B2) (Riverine) ☐ Drift Deposits (Riverine)			
	on (A3) ⁄larks (B1) ( <b>Non</b> i	riverine)	<del>-</del>	•	Sulfide Odd	` '		☐ Drift Deposits (Riverine) ☐ Drainage Patterns (B10)		
	nt Deposits (B2)	,				. ,	_iving Roots (C3)	☐ Dry-Season Water Table (C2)		
	posits (B3) ( <b>Non</b>				of Reduced	_	-	☐ Crayfish Burrows (C8)		
	Soil Cracks (B6	•			n Reduction			☐ Saturation Visible on Aerial Imagery (C9)		
	ion Visible on A				Surface (C		(00)	☐ Shallow Aquitard (D3)		
	Stained Leaves (		,		plain in Rem	,		FAC-Neutral Test (D5)		
Field Obse	,					<u> </u>		_		
	ater Present?	Υe	es 🗌 No 🔯 De	pth (in.)						
Water Tabl	e Present?		es □ No ⊠ De			,	Wetland Hydrolog	y Present? Yes ⊠ No □		
Saturation	Present?									
	Saturation Present? Yes No Depth (in.) (includes capillary fringe)									
Describe R	ecorded Data (s	tream gaug	e, monitoring w	ell, aerial <sub>l</sub>	photos, prev	ious insp	ections), if available	): -		
Remarks:	Presumedp									

Project/Site: Desert Claim		City	/County: <u>El</u>	ensburg/Kittitas County	Sampling Date: 9-20-17		
Applicant/Owner: EDF		Stat	e: <u>WA</u>		Sampling Point: GA-SP-15		
Investigator(s): CW, JD Grette Associates					<u>19</u> Township: <u>19</u> Range: <u>18</u>		
Landform (hillslope, terrace, etc.): hillslope				relief (concave□, convex□,	· · · · · · · · · · · · · · · · · · ·		
Subregion (LRR): <u>B</u>			Lat: <u>4</u>	7.12999 Long: <u>-120.63385</u>	Datum: NAD83(2011)		
Soil Map Name: <u>Sketter-Millhouse-Lablue com</u>			_		NWI Classification:		
Are climatic/hydrologic conditions on the site ty			year? Yes [				
Are Vegetation Soil , or Hydrology sig					ices" present? Yes ⊠ No ☐		
Are Vegetation ☐ Soil ☐, or Hydrology ☐ sig							
SUMMARY OF FINDINGS – Attach site			pling poi	nt locations, transects, i	mportant features, etc.		
	Yes 🔲 No						
1 -	Yes 🗌 No		Is the sar	npled area within a wetland	l? Yes ☐ No ⊠		
	Yes 🗌 No	$\boxtimes$					
Remarks: R112							
VEGETATION – Use scientific names of	f nlants						
	Absolut	te Dominar		Dominance Test worksheet:			
Tree Stratum (Plot size:30')	% Cove	er Species	? Status	Number of Dominant Species			
1				that are OBL, FACW, or FAC:	<u>0 (A)</u>		
2				Total Number of Dominant			
3				Species Across All Strata:	<u>3 (B)</u>		
4				Percent of Dominant Species			
		= Total (	Cover	that are OBL, FACW, or FAC:	<u>0 (A/B)</u>		
Sapling/Shrub Stratum (Plot size:15')				Prevalence Index worksheet	 !:		
1							
2				Total % Cover of:	Multiply by:		
3				OBL species	x 1 =		
4				FACW species	x 2 =		
5				FAC species	x 3 =		
		= Total (	Cover	FACU species UPL species	x 4 = x 5 =		
Herb Stratum (Plot size:5')				Column Totals(A)	X 3 =(B)		
1. Poa secunda	<u>40</u>	<u>Y</u>	<u>FACU</u>	Column Totals (A)	(D)		
2. <u>Poa cusickii</u>	<u>30</u>	<u>Y</u>	<u>NL</u>	Prevalence ind	lex = B/A =		
3. <u>Collomia grandiflora</u>	<u>20</u>	<u>Y</u>	<u>NL</u>	Hydrophytic Vegetation indi			
4				☐ Dominance Test is >50%			
5				<b>–</b>			
6				Prevalence Index is ≤3.0¹			
7 8.				☐ Morphological Adaptations Remarks or on a se			
0	80%	= Total (	Cover	☐ Problematic Hydrophytic V	'		
Manda Vina Chretura (Diet eine	00 70	= Total C	20vei				
Woody Vine Stratum (Plot size: )				<sup>1</sup> Indicators of hydric soil and w present, unless disturbed or pr			
1							
2					40 V 🗆 N 🖂		
		= Total (		Hydrophytic vegetation p	oresent? Yes 🗌 No 🖂		
% Bare Ground in Herb Stratum	% Cover of	Biotic Crus	t				
Remarks:							

Depth	scription: (Desc Matrix	ribe to the	•	to docum Redox Fea		icator or	confirm the absent	ce of indicators.)			
(inches)	Color (moist)	%	Color (moist)	%	Type₁	Loc <sub>2</sub>	Texture	Remarks			
0-11*	10YR 2/2	100					Silt loam				
						-					
		ļ				-					
						-					
<sup>1</sup> Type: C=Concentration; D=Depletion; RM=Reduced matrix; CS=Covered or Coated Sand Grains. <sup>2</sup> Location: PL=Pore linings; M=Matrix											
Hydric Soi	ils Indicators: (	Applicable	to all LRRs, ur	less othe	rwise note	d.)	Indicators for	Problematic Hydric Soils <sup>3</sup> :			
Histoso	Ι (Δ1)		П Са	ndy Redox	v (95)		□ 1 cm Muck	(A9) (I RR C)			
	pipedon (A2)		☐ Str		☐ 1 cm Muck (A9) ( <b>LRR C</b> ) ☐ 2 cm Muck (A10) ( <b>LRR B</b> )						
☐ Black H					y Material (F	1)	Reduced Vertic (F18)				
	en Sulfide (A4)			-	ed Matrix (F2			t Material (TF2)			
	d Layers (A5) ( <b>L</b>	RR C)		oleted Ma		,		lain in Remarks)			
	uck (A9) (LRR D				Surface (F6)	1	_ 、,	,			
	d Below Dark Su				rk Surface (F						
☐ Thick D	ark Surface (A12	2)	☐ Re	dox Depre	essions (F8)	ŕ					
☐ Sandy I	Mucky Material (	S1)	☐ Ve	nal Pools	(F9)			nydrophytic vegetation and wetland hydrology nt, unless disturbed or problematic.			
☐ Sandy (	Gleyed Matrix (S	4)					must be prese	ni, unless disturbed of problematic.			
Restrictive	Layer (if present	t)·					<u> </u>				
		.,.									
Type:							Hydric Soils Prese	ent? Yes ☐ No ⊠			
Depth (inches):											
Remarks:	*Point of resis	tence									
HYDROI											
	ydrology Indica dicators (minimu		quirod: chock al	l that appl	v			Secondary Indicators (2 or more required)			
	Water (A1)	in or one rec		Salt Crust			Secondary Indicators (2 or more required)  Water Marks (B1) (Riverine)				
☐ High W	ater Table (A2)			Biotic Cru	st (B12)		☐ Sediment Deposits (B2) (Riverine)				
☐ Saturati	on (A3)			Aquatic In	vertebrates	(B13)	☐ Drift Deposits (Riverine)				
☐ Water N	Marks (B1) ( <b>Non</b> i	riverine)		Hydrogen	Sulfide Odd	or (C1)		☐ Drainage Patterns (B10)			
☐ Sedime	nt Deposits (B2)	(Nonriveri	ne)	Oxidized I	Rhizosphere	s along L	iving Roots (C3)	☐ Dry-Season Water Table (C2)			
☐ Drift De	posits (B3) ( <b>Non</b>	riverine)		Presence	of Reduced	Iron (C4)	)	☐ Crayfish Burrows (C8)			
☐ Surface	Soil Cracks (B6	)		Recent Iro	on Reduction	n in Tilled	Soils (C6)	☐ Saturation Visible on Aerial Imagery (C9)			
☐ Inundat	ion Visible on Ae	erial Imagery	y (B7)	Thin Muck	c Surface (C	7)		☐ Shallow Aquitard (D3)			
☐ Water-S	Stained Leaves (	B9)		Other (Ex	plain in Rem	arks)		☐ FAC-Neutral Test (D5)			
Field Obse	ervations										
Surface Wa	ater Present?	Υe	es 🗌 No 🔲 De	pth (in.)							
Water Tabl	e Present?		es 🗌 No 🔲 De			,	Wetland Hydrology	Present? Yes ☐ No ⊠			
Saturation			es 🗌 No 🔲 De								
	apillary fringe)	YE	29 🗀 INO 🗀 De	ριτι (III.) <u> </u>							
		tream daug	e monitoring w	ell aerial	nhotos nrev	ious inen	ections), if available:				
POSOTING IV	ooolada Dala (S	ourr gaug	o, monitoring w	on, acrial	priotos, piev	iouo iiiop					
Remarks:	Presumed										

Hydrophytic vegetation present? Hydric soils present?	ypical for thi gnificantly di gnificantly p	States St	Local Lat: 47  /ear? Yes [ ?? (If neede	7.12422 Long: <u>-120.63312</u> Datum: <u>NAD</u> NWI Classification  No ☐ (If no, explain in Remarks)  Are "Normal Circumstances" present? Yes	ASP-16 Range: 18 ASS-16 ASS-
VEGETATION – Use scientific names o	f plants				
	Absolut	e Dominar		Dominance Test worksheet:	
Tree Stratum (Plot size:30')  1	<u>% Cove</u>	<u>Species</u>	Status	Number of Dominant Species that are OBL, FACW, or FAC:  0 (A)	
2 3 4				Total Number of Dominant Species Across All Strata: 1 (B)	
Sapling/Shrub Stratum (Plot size:15')		= Total C	Cover	Percent of Dominant Species that are OBL, FACW, or FAC: 0 (A/B)	
				Prevalence Index worksheet:	
1				Total 9/ Cayon of Multiply by	
2				Total % Cover of:   Multiply by:	
4				FACW species x 2 =	
5				FAC species x 3 =	
		Total C	20105	FACU species x 4 =	
		= Total C	Jover	UPL species x 5 =	
Herb Stratum (Plot size:5')				Column Totals (A)(B)	
1. <u>Poa secunda</u>	<u>80</u>	<u>Y</u>	<u>FACU</u>		
2. <u>Collomia grandiflora</u>	<u>5</u>	<u>N</u>	<u>NL</u>	Prevalence index = B/A =	
3. <u>Lomatium nudicaule</u>	<u>5</u>	<u>N</u>	<u>NL</u>	Hydrophytic Vegetation indicators:	
4				☐ Dominance Test is >50%	
5 6				☐ Prevalence Index is ≤3.0 <sup>1</sup>	
7					
8.				☐ Morphological Adaptations¹ (provide supporting Remarks or on a separate sheet)	data in
	90%	= Total C	Cover	☐ Problematic Hydrophytic Vegetation¹ (explain)	
Woody Vine Stratum (Plot size: )				<sup>1</sup> Indicators of hydric soil and wetland hydrology mus present, unless disturbed or problematic.	it be
1				· · · ·	
2					
		= Total C	Cover	Hydrophytic vegetation present? Yes \( \subseteq \mathbb{N} \)	o 🖂
% Bare Ground in Herb Stratum	% Cover of	Biotic Crus	t		
Remarks:					<del></del>

		ribe to the	depth neede			icator or	confirm the absen	nce of indicators.)			
Depth (inches)	Matrix Color (moist)	%	Color (moist	<u>Redox Fea</u>	atures Type1	Loc <sub>2</sub>	 Texture	Remarks			
0-10	10YR 3/2	100	1000	, ,0	Турст	1	Silt loam	remano			
	1011(0,2	100					One loans				
Type: C=Concentration; D=Depletion; RM=Reduced matrix; CS=Covered or Coated Sand Grains. Location: PL=Pore linings; M=Matrix											
Hydric Soi	Is Indicators: (A	Applicable	to all LRRs, ι	ınless othe	rwise noted	l.)	Indicators fo	r Problematic Hydric Soils <sup>3</sup> :			
☐ Histoso	(A1)	□s	andy Redox	(S5)		1 cm Muck (A9) (LRR C)					
☐ Histic E	pipedon (A2)		□s	tripped Mat	rix (S6)		☐ 2 cm Mucł	k (A10) ( <b>LRR B</b> )			
☐ Black H	istic (A3)			oamy Muck	y Material (F	1)	Reduced Vertic (F18)				
☐ Hydroge	en Sulfide (A4)			oamy Gleye	d Matrix (F2)	)	☐ Red Parer	nt Material (TF2)			
☐ Stratifie	d Layers (A5) ( <b>L</b>	RR C)		epleted Ma	trix (F3)		☐ Other (Exp	olain in Remarks)			
1 cm M	uck (A9) (LRR D	)	□R	edox Dark S	Surface (F6)						
☐ Deplete	d Below Dark Sເ	urface (A11)		epleted Dai	rk Surface (F	7)					
☐ Thick D	ark Surface (A12	2)	□R	edox Depre	ssions (F8)		21 11				
☐ Sandy N	Mucky Material (	S1)	□V	ernal Pools	(F9)			hydrophytic vegetation and wetland hydrology ent, unless disturbed or problematic.			
☐ Sandy Gleyed Matrix (S4)								orn, arnood distanced or problematic.			
Restrictive	Layer (if present	·):									
		.,.									
Type:							Hydric Soils Pres	sent? Yes ☐ No ⊠			
Depth (inch	nes):										
Remarks:											
HYDROL											
Wetland H	ydrology Indica dicators (minimu	<b>ators</b> m of one rec	nuired: check	all that anni	V			Secondary Indicators (2 or more required)			
Surface	Water (A1)	III OI OIIC ICC		] Salt Crust			☐ Water Marks (B1) (Riverine)				
☐ High Wa	ater Table (A2)			Biotic Cru	st (B12)		☐ Sediment Deposits (B2) (Riverine)				
☐ Saturati	on (A3)			] Aquatic In	vertebrates (	(B13)	☐ Drift Deposits (Riverine)				
☐ Water N	Marks (B1) ( <b>Non</b> i	riverine)		] Hydrogen	Sulfide Odo	r (C1)	☐ Drainage Patterns (B10)				
☐ Sedime	nt Deposits (B2)	(Nonriveri	ne)	Oxidized I	Rhizospheres	s along L	iving Roots (C3)	☐ Dry-Season Water Table (C2)			
☐ Drift De	posits (B3) ( <b>Non</b>	riverine)		] Presence	of Reduced	Iron (C4)	)	☐ Crayfish Burrows (C8)			
☐ Surface	Soil Cracks (B6	)		Recent Iro	n Reduction	in Tilled	Soils (C6)	☐ Saturation Visible on Aerial Imagery (C9)			
☐ Inundat	on Visible on Ae	erial Imagery	/ (B7)	Thin Muck	Surface (C7	7)		☐ Shallow Aquitard (D3)			
☐ Water-S	Stained Leaves (	B9)		Other (Ex	plain in Rema	arks)		☐ FAC-Neutral Test (D5)			
Field Obse	ervations										
Surface Wa	ater Present?	Υe	es 🗌 No 🔲 🗅	epth (in.)							
Water Tabl			es 🗌 No 🔲 🗅			,	Wetland Hydrology	r Present? Yes □ No ⊠			
							,	_ <b>_</b>			
Saturation	Present? apillary fringe)	Υe	es 🗌 No 🔲 🗅	epth (in.) _							
					alanto -		antinual Way 19 11				
Describe R	ecoraea Data (s	tream gaug	e, monitoring	weii, aerial	pnotos, previ	ous insp	ections), if available	:			
Remarks:											
nemans.											

Project/Site: Desert Claim		-	-	ensburg/Kittitas County	Sampling Date: 9-20-17
Applicant/Owner: <u>EDF</u>		Stat	e: <u>WA</u>		Sampling Point: <u>GA-SP-17</u>
Investigator(s): <u>CW, JD Grette Associates</u>					<u>9</u> Township: <u>19</u> Range: <u>18</u>
Landform (hillslope, terrace, etc.): hillslope				elief (concave□, convex□, n	· · · · · · · · · · · · · · · · · · ·
Subregion (LRR): B			Lat: <u>47</u>	.12429 Long: <u>-120.63321</u>	Datum: <u>NAD83(2011)</u>
Soil Map Name: Reelow-Reeser-Lablue complex,			0 1/ 5	7.N. 🗆 //	NWI Classification:
Are climatic/hydrologic conditions on the site typic			year? Yes ⊵		
Are Vegetation ☐ Soil ☐, or Hydrology ☐ signific Are Vegetation ☐ Soil ☐, or Hydrology ☐ signific	-		:? (If needed	Are "Normal Circumstance d. explain in Remarks)	es" present? Yes 🖂 No 📋
SUMMARY OF FINDINGS – Attach site ma			•		portant features, etc.
	No [		pg p	,,	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
	S No [				
	S No [		is the sam	pled area within a wetland?	Yes ⊠ No □
Remarks: R112	/ Д . но Е				
Hydrology & hydric soils not observed; presumed	d present	in spring	j, problemat	ic hydric soil	
VECTATION . Her asimutific names of mi					
VEGETATION – Use scientific names of pl		Dominar	nt Indicator	Dominance Test worksheet:	
Tree Stratum (Plot size:30')		Species'			
1				Number of Dominant Species that are OBL, FACW, or FAC:	0 (4)
2					<u>2 (A)</u>
3				Total Number of Dominant	- (=)
4				Species Across All Strata:	<u>2 (B)</u>
		= Total C	Cover	Percent of Dominant Species that are OBL, FACW, or FAC:	100 (A/B)
Sapling/Shrub Stratum (Plot size:15')				Prevalence Index worksheet:	<u></u>
1					
2				Total % Cover of:	Multiply by:
3				OBL species	x 1 =
4				FACW species	x 2 =
5				FAC species	x 3 =
		= Total C	Cover	FACU species	x 4 =
Herb Stratum (Plot size:5')				UPL species	x 5 =
1. Poa annua	<u>60</u>	<u>Y</u>	FAC	Column Totals(A)	(B)
2. Poa pratensis	<u>30</u>	<u>·</u> <u>Y</u>	FAC		
3	<u> </u>	<del>-</del>	<u> </u>	Prevalence index	
4				Hydrophytic Vegetation indica	itors:
5				☐ Dominance Test is >50%	
6				☐ Prevalence Index is ≤3.0 <sup>1</sup>	
7 8.		-		☐ Morphological Adaptations¹ (Remarks or on a sep	(provide supporting data in arate sheet)
	90%	= Total 0	Cover	☐ Problematic Hydrophytic Ve	,
Woody Vine Stratum (Plot size: )				<sup>1</sup> Indicators of hydric soil and wet present, unless disturbed or prob	
1					
2					.a.v. \\ \\ \
		= Total C	Cover	Hydrophytic vegetation pre	esent? Yes 🖂 No 🗀
	Cover of B	Biotic Crus	t		
Remarks:					

		cribe to the				licator or	confirm the absen	ce of indicators.)			
Depth (inches)	Matrix Color (moist)	%	Color (moist)	Redox Fea %	atures Type1	Loc <sub>2</sub>	 Texture	Remarks			
0-10	10YR 2/2	100	Toolor (moist)	70	Турет	LUC2	Silt loam	Nemarks			
0-10	101K 2/2	100					Sill loan				
<sup>1</sup> Type: C=Concentration; D=Depletion; RM=Reduced matrix; CS=Covered or Coated Sand Grains. <sup>2</sup> Location: PL=Pore linings; M=Matrix											
Hydric Soi	ils Indicators: (	Annlicable :	to all I RRs u	aless othe	rwise note	d )	Indicators for	r Problematic Hydric Soils <sup>3</sup> :			
	-	пррпоавіс				u.,	_	•			
☐ Histosol (A1) ☐ Sandy Redox (S5) ☐ 1 cm Muck (A9) (LRR C)											
	pipedon (A2)			ipped Mat				(A10) ( <b>LRR B</b> )			
☐ Black H	` ,			-	y Material (F		☐ Reduced \	,			
	en Sulfide (A4)		☐ Lo	amy Gleye	ed Matrix (F2	2)	☐ Red Paren	t Material (TF2)			
☐ Stratifie	d Layers (A5) ( <b>L</b>	.RR C)	☐ De	pleted Ma	trix (F3)		Other (Exp	olain in Remarks)			
1 cm M	uck (A9) ( <b>LRR D</b>	))	☐ Re	dox Dark S	Surface (F6)	)					
☐ Deplete	d Below Dark Si	urface (A11)	☐ De	pleted Dai	rk Surface (F	=7)					
	ark Surface (A1	•			essions (F8)		3Indicators of	hydrophytic vegetation and wetland hydrology			
☐ Sandy I	Mucky Material (	S1)	☐ Ve	rnal Pools	(F9)			ent, unless disturbed or problematic.			
☐ Sandy Gleyed Matrix (S4)											
Restrictive	Layer (if presen	t):									
		-,-									
Type:	<del>_</del>						Hydric Soils Pres	ent? Yes ⊠ No □			
Depth (inches):											
Remarks: Presumed problematic hydric soil											
HYDROI	OGY										
	ydrology Indica	ators									
Primary Inc	dicators (minimu	m of one red					Secondary Indicators (2 or more required)				
	Water (A1)			Salt Crust			☐ Water Marks (B1) (Riverine)				
_	ater Table (A2)			Biotic Cru	, ,	(5.40)	Sediment Deposits (B2) (Riverine)				
☐ Saturati					vertebrates		☐ Drift Deposits ( <b>Riverine</b> )				
	Marks (B1) (Non				Sulfide Odd			☑ Drainage Patterns (B10)			
	nt Deposits (B2)					_	3 ( )	☐ Dry-Season Water Table (C2)			
	posits (B3) (Nor				of Reduced			☐ Crayfish Burrows (C8)			
	Soil Cracks (B6	,			on Reduction			☐ Saturation Visible on Aerial Imagery (C9)			
	ion Visible on A				c Surface (C	,		Shallow Aquitard (D3)			
☐ Water-S	Stained Leaves (	B9)	Ш	Other (Ex	plain in Rem	narks)		FAC-Neutral Test (D5)			
Field Obse	ervations										
Surface Wa	ater Present?	Ye	es 🗌 No 🔲 De	pth (in.) _							
Water Tabl	e Present?	Ye	es 🗌 No 🔲 De	oth (in.)		,	Wetland Hydrology	Present? Yes ⊠ No □			
				–							
Saturation Present? Yes No Depth (in.) (includes capillary fringe)											
-	Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:										
Describe R	ecorded Data (S	u <del>c</del> am gaug	e, monitoring w	eii, aerial	priotos, prev	nous msp	echons), ii avaliable:				
Remarks	Remarks: Presumed present in spring										
iveillains.	i resumed pres	eur in shiing	1								

Project/Site: Desert Claim		-		ensburg/Kittitas County	Sampling Date: 9-20-17
Applicant/Owner: <u>EDF</u>		Stat	e: <u>WA</u>		Sampling Point: <u>GA-SP-18</u>
Investigator(s): CW, JD Grette Associates				·	<u>9</u> Township: <u>19</u> Range: <u>18</u>
Landform (hillslope, terrace, etc.): hillslope				elief (concave⊡, convex⊡, n	· · · · · —
Subregion (LRR): <u>B</u>			Lat: <u>47</u>	.12360 Long: <u>-120.63272</u>	Datum: NAD83(2011)
Soil Map Name: Reelow-Reeser-Lablue complex				<b>.</b>	NWI Classification:
Are climatic/hydrologic conditions on the site typic			year? Yes ⊵		
Are Vegetation Soil , or Hydrology signif	-		0 //6		es" present? Yes ⊠ No □
Are Vegetation ☐ Soil ☐, or Hydrology ☐ signif			,	,	
SUMMARY OF FINDINGS – Attach site ma			ipling poir	nt locations, transects, im	portant features, etc.
	s 🛛 No 🗆				
1 -	s 🛛 No 🗆		Is the sam	npled area within a wetland?	Yes ⊠ No □
	s 🛛 No 🗆				
Remarks:					
VEGETATION – Use scientific names of p	lants				
	Absolute		nt Indicator	Dominance Test worksheet:	
Tree Stratum (Plot size:30')	% Cover	Species	? Status	Number of Dominant Species	
1				that are OBL, FACW, or FAC:	<u>2 (A)</u>
2				Total Number of Dominant	
3				Species Across All Strata:	<u>2 (B)</u>
4				Percent of Dominant Species	<del></del>
		= Total C	Cover	that are OBL, FACW, or FAC:	100 (A/B)
Sapling/Shrub Stratum (Plot size:15')				Prevalence Index worksheet:	
1					
2				Total % Cover of:	Multiply by:
3				OBL species	x 1 =
4				FACW species	x 2 =
5				FAC species	x 3 =
		= Total C	Cover	FACU species	x 4 =
Herb Stratum (Plot size:5')				UPL species(A)	x 5 =
1. <u>Poa annua</u>	90	<u>Y</u>	FAC	Column Totals(A)	(B)
2				Prevalence inde	v – R/A –
3				Hydrophytic Vegetation indica	
4					ators.
5				☐ Dominance Test is >50%	
6				☐ Prevalence Index is ≤3.0 <sup>1</sup>	
7				☐ Morphological Adaptations¹	
8				Remarks or on a sep	,
	<u>90%</u>	= Total C	over	☐ Problematic Hydrophytic Ve	• , , ,
Woody Vine Stratum (Plot size: )				<sup>1</sup> Indicators of hydric soil and were present, unless disturbed or pro-	
1					
2					
		= Total C	Cover	Hydrophytic vegetation pro	esent? Yes ⊠ No □
% Bare Ground in Herb Stratum %	Cover of B	iotic Crus	t		
Remarks:					

		ribe to the				icator or	r confirm the abse	nce of indicators.)		
Depth (inches)	Matrix Color (moist)	%	Color (moist)	ledox Fea %	tures Type1	Loc <sub>2</sub>		Remarks		
0-3*	10YR 2/2	100			T	1	Silt loam	Tomano		
							<u> </u>			
Type: C=C	i Concentration; D:	i =Depletion;	RM=Reduced r	natrix; CS	i =Covered or	Coated	Sand Grains. <sup>2</sup> Lo	ocation: PL=Pore linings; M=Matrix		
Hydric Soi	ls Indicators: (A	Applicable	to all LRRs, un	less othe	rwise noted	l.)	Indicators fo	or Problematic Hydric Soils³:		
☐ Histoso	I (A1)		□ Sar	dv Redox	(S5)		☐ 1 cm Muc	ck (A9) (LRR C)		
☐ Histosol (A1) ☐ Sandy Redox (S5) ☐ Histic Epipedon (A2) ☐ Stripped Matrix (S6)								ck (A10) (LRR B)		
☐ Black H					/ Material (F	1)	☐ Reduced			
	en Sulfide (A4)				d Matrix (F2			ent Material (TF2)		
	d Layers (A5) ( <b>L</b>	RR C)		leted Mat				oplain in Remarks)		
1 cm M	uck (A9) ( <b>LRR D</b>	)	☐ Red	lox Dark S	Surface (F6)					
☐ Deplete	d Below Dark Sເ	ırface (A11)	☐ Dep	leted Dar	k Surface (F	7)				
☐ Thick D	ark Surface (A12	2)	☐ Red	lox Depre	ssions (F8)		21 11			
☐ Sandy N	Mucky Material (	S1)	☐ Ver	nal Pools	(F9)			f hydrophytic vegetation and wetland hydrology sent, unless disturbed or problematic.		
☐ Sandy 0	Gleyed Matrix (Se	4)					must be pres	serit, unless disturbed of problematic.		
Restrictive	Layer (if present	):								
Туре:	_						Hydric Soils Pre	sent? Yes ⊠ No □		
Depth (inch	nes):									
Remarks:	*Point of resis	tance (roc	ks)				•			
Presumed	d problematic h	ydric soil								
HYDROI	OGY									
Wetland H	ydrology Indica									
	dicators (minimur Water (A1)	m of one red						Secondary Indicators (2 or more required)  Water Marks (B1) (Riverine)		
	` ,			Salt Crust	, ,			, , ,		
☐ Saturati	ater Table (A2)			Biotic Crus		(D12)	Sediment Deposits (B2) (Riverine)			
	on (A3) ⁄larks (B1) ( <b>Nonr</b>	iverine)			vertebrates ( Sulfide Odo			☐ Drift Deposits (Riverine) ☐ Drainage Patterns (B10)		
_	nt Deposits (B2)	,					_iving Roots (C3)	☐ Dry-Season Water Table (C2)		
	posits (B3) ( <b>Non</b>				of Reduced			☐ Crayfish Burrows (C8)		
	Soil Cracks (B6)				n Reduced			☐ Saturation Visible on Aerial Imagery (C9)		
	ion Visible on Ae				Surface (C		1 00113 (00)	☐ Shallow Aquitard (D3)		
	Stained Leaves (I		` '		olain in Rem	•		FAC-Neutral Test (D5)		
Field Obse	•			Julion (EX				The reduction rest (50)		
	ater Present?	Ve	es 🗌 No 🗌 Dej	oth (in )						
Water Tabl			es 🗌 No 🗌 De <sub>l</sub>	. , _		,	Wetland Hydrolog	y Present? Yes ⊠ No □		
	Saturation Present? Yes No Depth (in.) (includes capillary fringe)									
Describe R	ecorded Data (s	tream gaug	e, monitoring we	ell, aerial p	ohotos, previ	ous insp	ections), if available	e:		
Remarks:	Presumed prese	ent in spring	1							
	p. 300									

Project/Site: Desert Claim		City	/County: <u>El</u>	lensburg/Kittitas County	Sampling Date: 9-20-17
Applicant/Owner: EDF		Stat	e: <u>WA</u>		Sampling Point: GA-SP-19
Investigator(s): <u>CW, JD Grette Associates</u>					: <u>19</u> Township: <u>19</u> Range: <u>18</u>
Landform (hillslope, terrace, etc.): hillslope				relief (concave□, convex□,	
Subregion (LRR): <u>B</u>			Lat: <u>4</u>	7.12364 Long: <u>-120.63290</u>	Datum: NAD83(2011)
Soil Map Name: Reelow-Reeser-Lablue compl				<b>.</b>	NWI Classification:
Are climatic/hydrologic conditions on the site ty			year? Yes [		
Are Vegetation Soil, or Hydrology sig			0 (1)		nces" present? Yes 🛛 No 🗌
Are Vegetation Soil, or Hydrology sig					
SUMMARY OF FINDINGS – Attach site			ipling poi	nt locations, transects, i	mportant features, etc.
	Yes 🗌 No				
1 -	Yes 🗌 No		Is the sar	npled area within a wetland	d? Yes ☐ No ⊠
	Yes 🗌 No				
Remarks: R112					
VEGETATION – Use scientific names of	f plants				
	Absolu	te Dominar		Dominance Test worksheet:	
Tree Stratum (Plot size:30')	% Cove	er Species	? Status	Number of Dominant Species	
1				that are OBL, FACW, or FAC:	<u>0 (A)</u>
2				Total Number of Dominant	
3 4.				Species Across All Strata:	<u>1 (B)</u>
4				Percent of Dominant Species	
		= Total (	Jover	that are OBL, FACW, or FAC:	<u>0 (A/B)</u>
Sapling/Shrub Stratum (Plot size:15')				Prevalence Index workshee	t:
1					
2				Total % Cover of:	Multiply by:
3				OBL species	x 1 =
4				FACW species	x 2 =
5				FAC species	x 3 = x 4 =
		= Total (	Cover	UPL species	x 5 =
Herb Stratum (Plot size:5')				Column Totals(A)	(B)
1. Poa secunda	<u>70</u>	<u>Y</u>	<u>FACU</u>	(`,	(-/
2. <u>Lomatium nudicaule</u>	<u>10</u>	<u>N</u>	<u>UPL</u>	Prevalence inc	dex = B/A =
3. <u>Collomia grandiflora</u>	<u>10</u>	<u>N</u>	<u>NL</u>	Hydrophytic Vegetation indi	cators:
4				☐ Dominance Test is >50%	
5				☐ Prevalence Index is ≤3.0¹	
6 7				_	17
8.				☐ Morphological Adaptations Remarks or on a s	
<u> </u>	90%	= Total (	Cover	☐ Problematic Hydrophytic \	'
Woody Vine Stratum (Plot size: )				<sup>1</sup> Indicators of hydric soil and w	
				present, unless disturbed or p	
1 2.					
2		= Total (	201/05	Uvdranhytia vagatatian r	vracent? Vec 🗆 Ne 🕅
0 B 0 1 H 1 0 1				Hydrophytic vegetation p	present? Tes 🗌 No 🖂
% Bare Ground in Herb Stratum	% Cover of	Riotic Crus	τ		
Remarks:					

		ribe to the	•			licator or	confirm the absence	e of indicators.)	
Depth (inches)	Matrix Color (moist)	%	Color (moist)	Redox Fea %	atures Type1	Loc <sub>2</sub>	 Texture	Remarks	
0-3*	10YR 3	Ţ	COIOI (IIIOISI)	/0 T	i ypei	LUCZ	<del>-</del>	······	
0-3	101K 3	100					Stony silty loar		
1									
Type: C=C	Concentration; D	=Depletion;	RM=Reduced	matrix; CS	=Covered o	r Coated	Sand Grains. Loc	ation: PL=Pore linings; M=Matrix	
Hydric Soi	ils Indicators: (/	Applicable	to all LRRs, ur	less othe	rwise note	d.)	Indicators for	Problematic Hydric Soils <sup>3</sup> :	
☐ Histoso	I (A1)		□Sa	ndy Redox	c (S5)		1 cm Muck	(A9) (LRR C)	
	pipedon (A2)			ipped Mat		2 cm Muck			
☐ Black H					y Material (F	<del>-</del> 1)	☐ Reduced V		
	en Sulfide (A4)			-	ed Matrix (F2			Material (TF2)	
	d Layers (A5) ( <b>L</b>	RR C)		pleted Ma		,		ain in Remarks)	
	uck (A9) (LRR D				Surface (F6)	)	_	,	
	d Below Dark Su		_ □ De	pleted Dai	rk Surface (F	<del>-</del> 7)			
☐ Thick D	ark Surface (A12	2)			ssions (F8)				
☐ Sandy N	Mucky Material (	S1)	☐ Ve	rnal Pools	(F9)			lydrophytic vegetation and wetland hydrology nt, unless disturbed or problematic.	
☐ Sandy 0	Gleyed Matrix (S	4)					must be prese	nt, unless disturbed of problematic.	
Postriotivo	Layer (if present	٠١.							
	Layer (ii presem	.).							
Type:	_						Hydric Soils Prese	ent? Yes □ No ⊠	
Depth (inch	nes):								
Remarks:	*Point of resis	tence							
HYDROL	_OGY								
	ydrology Indica						,		
	dicators (minimu Water (A1)	m of one red		Salt Crust				Secondary Indicators (2 or more required)  Water Marks (B1) (Riverine)	
	ater Table (A2)			Biotic Cru			Sediment Deposits (B2) (Riverine)		
☐ Saturati	, ,				vertebrates	(B13)	☐ Drift Deposits (Riverine)		
	/larks (B1) ( <b>Non</b> i	iverine)			Sulfide Odd			☐ Drainage Patterns (B10)	
	nt Deposits (B2)	•						Dry-Season Water Table (C2)	
	posits (B3) (Non				of Reduced	_		☐ Crayfish Burrows (C8)	
	Soil Cracks (B6				on Reduction			☐ Saturation Visible on Aerial Imagery (C9)	
	ion Visible on Ae				k Surface (C			☐ Shallow Aquitard (D3)	
	Stained Leaves (	υ.	. , —		plain in Rem	,		FAC-Neutral Test (D5)	
Field Obse	ervations				•			` '	
	ater Present?	V	es 🗌 No 🗌 De	nth (in )					
						,	Wetland Hydrology	Present? Yes □ No ⊠	
	e Present?		es 🗌 No 🔲 De				. rouana riyarology	1 1000 III 100 II 110 II	
Saturation		Ye	es 🗌 No 🔲 De	pth (in.) _					
	apillary fringe)								
Describe R	ecorded Data (s	tream gaug	e, monitoring w	ell, aerial <sub> </sub>	photos, prev	ious insp	ections), if available:		
Domonico									
Remarks:									

Hydric soils present? Y	oical for this ificantly dis ificantly pro	State	e: <u>WA</u> Local r  Lat: <u>47</u> year? Yes   ?? (If needed	Section: 1 elief (concave , convex , n 1.12379 Long: -120.63079  No  (If no, explain in Remanda ) Are "Normal Circumstance ) d, explain in Remarks)	Datum: NAD83(2011) NWI Classification: arks) es" present? Yes ⊠ No □  portant features, etc.
VECETATION . Has asigntific names of	nlanta				
VEGETATION – Use scientific names of	•	Dominar	nt Indicator	Dominance Test worksheet:	
Tree Stratum (Plot size:30')  1		Species		Number of Dominant Species that are OBL, FACW, or FAC:	<u>0 (A)</u>
2 3 4			<u> </u>	Total Number of Dominant Species Across All Strata:	<u>2 (B)</u>
Sapling/Shrub Stratum (Plot size:15')		= Total (	Cover	Percent of Dominant Species that are OBL, FACW, or FAC:  Prevalence Index worksheet:	<u>0 (A/B)</u>
1				i revalence muck worksheet.	
2				Total % Cover of:	Multiply by:
3				OBL species	x 1 =
4				FACW species	x 2 =
				FAC species	x 3 =
5					
		= Total (	Cover	FACU species	x 4 =
Herb Stratum (Plot size:5')				UPL species (A)	x 5 =
1. <u>Poa secunda</u>	<u>60</u>	<u>Y</u>	FACU	Column Totals(A)	(B)
2. <u>Lomatium nudicaule</u>	20	<u>.</u> <u>N</u>	UPL		
3	<u> </u>	<u></u>	<u>01 L</u>	Prevalence index	·
4				Hydrophytic Vegetation indica	itors:
5				☐ Dominance Test is >50%	
6				☐ Prevalence Index is ≤3.0 <sup>1</sup>	
7 8			<u> </u>	☐ Morphological Adaptations¹ ( Remarks or on a sep	
	80%	= Total (	Cover	☐ Problematic Hydrophytic Ve	getation <sup>1</sup> (explain)
Woody Vine Stratum (Plot size: ) 1	<u></u>			<sup>1</sup> Indicators of hydric soil and wet present, unless disturbed or prob	land hydrology must be
2					
		= Total (		Hydrophytic vegetation pre	esent? Yes 🗌 No 🖂
	% Cover of B	SIOTIC Crus	ι <u></u>		
Remarks:					

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)									
Depth   Matrix   Color (moist) % Col	or (moist)	edox Fea %	atures Type1	Loc <sub>2</sub>		Remarks			
(inches) Color (moist) 76 Color	····		Турет	LUC2	Stony	No excavation possible			
					Giony	140 excavation possible			
<sup>1</sup> Type: C=Concentration; D=Depletion; RM=	:Reduced m	natrix; CS	=Covered or	Coated	Sand Grains. <sup>2</sup> Lo	cation: PL=Pore linings; M=Matrix			
Hydric Soils Indicators: (Applicable to al	I LRRs, unl	ess othe	rwise noted	l.)	Indicators fo	r Problematic Hydric Soils³:			
☐ Histosol (A1)	☐ San		☐ 1 cm Muck (A9) ( <b>LRR C</b> )						
☐ Histosof (A1)		oped Mati							
☐ Black Histic (A3)			y Material (F	1)	☐ 2 cm Muck (A10) ( <b>LRR B</b> ) ☐ Reduced Vertic (F18)				
☐ Hydrogen Sulfide (A4)			ed Matrix (F2)			nt Material (TF2)			
Stratified Layers (A5) (LRR C)				,					
1 cm Muck (A9) (LRR D)		leted Mat	Surface (F6)			plain in Remarks)			
Depleted Below Dark Surface (A11)			` '	7)					
☐ Thick Dark Surface (A11)			rk Surface (F essions (F8)	")					
` '		•	, ,		3Indicators of	hydrophytic vegetation and wetland hydrology			
Sandy Mucky Material (S1)	□ ven	nal Pools	(F9)			ent, unless disturbed or problematic.			
Sandy Gleyed Matrix (S4)									
Restrictive Layer (if present):									
Type:					Hydric Soils Pres	sent? Yes □ No ⊠			
Depth (inches):					Tryulic Solis i les	nent: Tes [] NO [A			
Remarks:									
HYDROLOGY									
Wetland Hydrology Indicators Primary Indicators (minimum of one require	d: chock all	that apply	v			Secondary Indicators (2 or more required)			
Surface Water (A1)		Salt Crust				Water Marks (B1) (Riverine)			
☐ High Water Table (A2)		Biotic Crus	, ,			☐ Sediment Deposits (B2) (Riverine)			
☐ Saturation (A3)			vertebrates (	B13)	☐ Drift Deposits (Riverine)				
☐ Water Marks (B1) (Nonriverine)			Sulfide Odo			☐ Drainage Patterns (B10)			
☐ Sediment Deposits (B2) (Nonriverine)		-			Living Roots (C3) Dry-Season Water Table (C2)				
☐ Drift Deposits (B3) (Nonriverine)			of Reduced	J	J ,	☐ Crayfish Burrows (C8)			
☐ Surface Soil Cracks (B6)			n Reduction			☐ Saturation Visible on Aerial Imagery (C9)			
☐ Inundation Visible on Aerial Imagery (B7			Surface (C7		(,	☐ Shallow Aquitard (D3)			
☐ Water-Stained Leaves (B9)	•		plain in Rema			FAC-Neutral Test (D5)			
Field Observations		(=:-							
Surface Water Present? Yes	No 🗌 Dep	oth (in.)							
Water Table Present? Yes ☐	No 🗌 Dep	oth (in.)		'	Wetland Hydrology	r Present? Yes ☐ No ⊠			
Saturation Present? Yes	No ☐ Dep	oth (in.)							
(includes capillary fringe)		· /							
Describe Recorded Data (stream gauge, me	onitoring we	II, aerial r	photos, previ	ous insp	ections), if available	:			
	-	·	•	·	•				
Remarks:									

Project/Site: Desert Claim		City	/County: El	ensburg/Kittitas County	Sampling Date: 9-20-17	
Applicant/Owner: EDF		Stat	e: <u>WA</u>	Sampling Point: GA-SP-2		
Investigator(s): CW, JD Grette Associates					<u>19</u> Township: <u>19</u> Range: <u>18</u>	
Landform (hillslope, terrace, etc.):				relief (concave□, convex□,	none□: Slope (%): <u>4</u>	
Subregion (LRR): <u>B</u>	Lat: <u>47</u>	<u>47.12385</u> Long: <u>-120.63059</u> Datum: <u>NAD83(2011)</u>				
Soil Map Name: Reelow-Reeser-Lablue comple			_		NWI Classification:	
Are climatic/hydrologic conditions on the site type			year?Yes [			
Are Vegetation ☐ Soil ☐, or Hydrology ☐ sigr					ces" present? Yes 🛛 No 🗌	
Are Vegetation $\square$ Soil $\square$ , or Hydrology $\square$ sign	nificantly p	roblematio	:? (If neede	d, explain in Remarks)		
SUMMARY OF FINDINGS – Attach site n	nap shov	ving sam	pling poi	nt locations, transects, i	mportant features, etc.	
Hydrophytic vegetation present?	′es 🛛 No					
Hydric soils present?	′es 🛛 No		le the sar	npled area within a wetland	l? Yes ⊠ No □	
Wetland hydrology present?	′es 🛛 No		is the sai	inpled area within a wettand	TES Z NO L	
Remarks: R111						
VEGETATION . He a significant and a significant						
VEGETATION – Use scientific names of		e Dominar	nt Indicator	Dominance Test worksheet:		
Tree Stratum (Plot size:30')		er Species				
1				Number of Dominant Species that are OBL, FACW, or FAC:	4 (4)	
2					<u>1 (A)</u>	
3				Total Number of Dominant	. (5)	
4				Species Across All Strata:	<u>1 (B)</u>	
		= Total C	Cover	Percent of Dominant Species		
Sapling/Shrub Stratum (Plot size:15')				that are OBL, FACW, or FAC:	<u>100 (A/B)</u>	
				Prevalence Index worksheet	:	
1			-	Total 9/ Occasion of	Maddatatat	
2				Total % Cover of:	Multiply by:	
3			-	OBL species	x 1 = x 2 =	
4 5				FACW species FAC species	x 3 =	
J				FACU species	x 4 =	
		= Total (	Cover	UPL species	x 5 =	
Herb Stratum (Plot size:5')				Column Totals (A)	(B)	
1. <u>Poa annua</u>	<u>80</u>	<u>Y</u>	<u>FAC</u>	(x,y	(2)	
2. <u>Poa pratensis</u>	<u>10</u>	<u>N</u>	<u>FAC</u>	Prevalence ind	lex = B/A =	
3				Hydrophytic Vegetation indi		
4				1 <u> </u>	outo: 5.	
5				Dominance Test is >50%		
6				☐ Prevalence Index is ≤3.0 <sup>1</sup>		
7				☐ Morphological Adaptations		
8				Remarks or on a se	,	
	90%	= Total 0	Jover	☐ Problematic Hydrophytic V		
Woody Vine Stratum (Plot size: )				<sup>1</sup> Indicators of hydric soil and w present, unless disturbed or pr		
1						
2			-			
		= Total C	Cover	Hydrophytic vegetation p	resent? Yes ⊠ No 🗌	
% Bare Ground in Herb Stratum 20 % C	over of Biot	tic Crust				
Remarks:						

		ribe to the	depth needed			icator or	r confirm the abser	nce of indicators.)		
Depth (inches)	Matrix Color (moist)	%	Color (moist)	Redox Fe	atures Type₁	Loc <sub>2</sub>	 Texture	Remarks		
0-8	10YR 3/2	95	10YR 4/3	5	C	PL	Stony loam	Tomako		
<sup>1</sup> Type: C=0	i Concentration; D	=Depletion;	RM=Reduced	matrix; CS	E=Covered o	r Coated	Sand Grains. <sup>2</sup> Lo	cation: PL=Pore linings; M=Matrix		
Hydric So	ils Indicators: (	Applicable	to all LRRs, u	nless othe	erwise note	d.)	Indicators fo	or Problematic Hydric Soils <sup>3</sup> :		
☐ Histoso	I (A1)		Пsa	ndy Redo	x (S5)		☐ 1 cm Muc	k (A9) (LRR C)		
☐ Histic Epipedon (A2) ☐ Stripped Matrix (S6)								k (A10) ( <b>LRR B</b> )		
 ☐ Black H					y Material (F	1)	☐ Reduced			
	en Sulfide (A4)			-	ed Matrix (F2			nt Material (TF2)		
	d Layers (A5) (L	RR C)		epleted Ma		•		plain in Remarks)		
	uck (A9) (LRR D				Surface (F6)		,	•		
	d Below Dark Su		□ De	epleted Da	rk Surface (F	7)				
☐ Thick D	ark Surface (A12	2)			essions (F8)	,				
☐ Sandy I	Mucky Material (	S1)	□Ve	rnal Pools	(F9)			hydrophytic vegetation and wetland hydrology		
□ Sandy Mucky Material (S1) □ Vernal Pools (19) must be present, unless disturbed or problematic. □ Sandy Gleyed Matrix (S4)										
Restrictive	Layer (if present	t):								
Type:	_						Hydric Soils Pres	sent? Yes ⊠ No □		
Depth (incl	nes):						Trydrio construct	36III. 163 🖂 116 🗀		
Remarks:										
HYDROI	OGV									
	ydrology Indica	ators								
Primary Inc	dicators (minimu Water (A1)		quired; check a	Il that app Salt Crus	<u>ly</u> + (D11)			Secondary Indicators (2 or more required) Water Marks (B1) (Riverine)		
	. ,			Biotic Crus				, , ,		
_	ater Table (A2)				vertebrates	(D12)	☐ Sediment Deposits (B2) ( <b>Riverine</b> )			
☐ Saturati	on (A3) ⁄larks (B1) ( <b>Non</b> i	riverine)	· ·			` '				
	nt Deposits (B2)				Sulfide Odd		_iving Roots (C3)	☐ Dry-Season Water Table (C2)		
	posits (B3) ( <b>Non</b>				of Reduced	•	, ,	☐ Crayfish Burrows (C8)		
	. , , ,	•			on Reduction	•	,			
	Soil Cracks (B6						1 30115 (CO)	Saturation Visible on Aerial Imagery (C9)		
	ion Visible on Ae Stained Leaves (		/ (B/) $\Box$		k Surface (C plain in Rem			☐ Shallow Aquitard (D3) ☐ FAC-Neutral Test (D5)		
Field Obse	•			01101 (22	piani ii rton			The Round Took (20)		
Surface Wa	ater Present?	Υe	es 🗌 No 🔲 De	epth (in.) _						
Water Tab	Water Table Present? Yes ☐ No ☐ Depth (in.) Wetland Hydrology Present? Yes ☒ No ☐									
Saturation Present? Yes \[ \] No \[ \] Depth (in.)										
	apillary fringe)									
Describe R	ecorded Data (s	tream gauge	e, monitoring v	vell, aerial	photos, prev	ious insp	ections), if available	): -		
Remarks:	Presuming pres	ent durina s	spring							
			, 3							

Project/Site: Desert Claim	-	-	ensburg/Kittitas County	Sampling Date: 9-20-17
Applicant/Owner: <u>EDF</u>	Stat	te: WA		Sampling Point: <u>GA-SP-22</u>
Investigator(s): <u>CW, JD Grette Associates</u>				<u>9</u> Township: <u>19</u> Range: <u>18</u>
Landform (hillslope, terrace, etc.): hillslope			elief (concave⊡, convex⊡, n	
Subregion (LRR): <u>B</u>		Lat: <u>47</u>	.12468 Long: <u>-120.62999</u>	Datum: NAD83(2011)
Soil Map Name: <u>Sketter-Millhouse-Lablue comple</u>				NWI Classification:
Are climatic/hydrologic conditions on the site typic				
Are Vegetation ☐ Soil ☐, or Hydrology ☐ signifi Are Vegetation ☐ Soil ☐, or Hydrology ☐ signifi	•		Are "Normal Circumstance I, explain in Remarks)	es" present? Yes ⊠ No ∐
SUMMARY OF FINDINGS – Attach site ma		•		portant features, etc.
	s ⊠ No □			
	 s ⊠ No □			V. N. D.
1	s ⊠ No □	is the sam	pled area within a wetland?	Yes ⊠ No □
Remarks: R113				
Could not excavate a soil pit; hydrology presume	ed seasonal			
└────────────────────────────────────	ante			
	Absolute Domina		Dominance Test worksheet:	
Tree Stratum (Plot size:30')	% Cover Species	? Status	Number of Dominant Species	
1			that are OBL, FACW, or FAC:	<u>1 (A)</u>
2			Total Number of Dominant	<del></del>
3			Species Across All Strata:	<u>1 (B)</u>
4			Percent of Dominant Species	<u>. 157</u>
	= Total (	Cover	that are OBL, FACW, or FAC:	100 (A/B)
Sapling/Shrub Stratum (Plot size:15')			Prevalence Index worksheet:	<u> </u>
1				
2			Total % Cover of:	Multiply by:
3			OBL species	x 1 =
4			FACW species	x 2 =
5			FAC species	x 3 =
	= Total 0	Cover	FACU species	x 4 =
Herb Stratum (Plot size:5')			UPL species Column Totals (A)	x 5 =
1. <u>Poa pratensis</u>	<u>90</u> <u>Y</u>	<u>FAC</u>	Column Totals(A)	(B)
2			Prevalence index	c = B/A =
3			Hydrophytic Vegetation indica	tors:
4 5			☐ Dominance Test is >50%	
6			☐ Prevalence Index is ≤3.0 <sup>1</sup>	
7 8.			☐ Morphological Adaptations¹ ( Remarks or on a sepa	(provide supporting data in arate sheet)
	90% = Total 0	Cover	☐ Problematic Hydrophytic Veg	getation <sup>1</sup> (explain)
Woody Vine Stratum (Plot size: )			<sup>1</sup> Indicators of hydric soil and wet present, unless disturbed or prob	
1   2				
	= Total (	201/05	Undrankskie vegetetien pre	seent? Vee M No 🗆
N/ Page Orang dia Hart Oratora			Hydrophytic vegetation pre	esent? Tes 🖂 NO 📋
	Cover of Biotic Crus	il		
Remarks:				

Depth (inches)	Matrix Color (moist)	%	Color (moist)	Redox Fea %	atures Type₁	Loc <sub>2</sub>	 Texture	Remarks		
			I				Stony	Shovel refusal at surface		
						-				
			ļ							
Type: C=0	i Concentration; D	.i =Depletion;	: RM=Reduced i	i natrix; CS	:	r Coated	Sand Grains. <sup>2</sup> Lo	cation: PL=Pore linings; M=Matrix		
Hydric So	ils Indicators: (	Annlicable	to all I PPs ur	loss othe	rwise note	4 /	Indicators fo	r Problematic Hydric Soils³:		
_	-	Applicable				u. <i>)</i>	_	•		
☐ Histoso	` ,			ndy Redox				(A9) ( <b>LRR C</b> )		
	pipedon (A2)			ipped Mat			(A10) ( <b>LRR B</b> )			
☐ Black F				-	y Material (F		☐ Reduced \			
	en Sulfide (A4)	DD 0\			ed Matrix (F2	2)		nt Material (TF2)		
	d Layers (A5) (L			pleted Ma				plain in Remarks)		
	uck (A9) (LRR D				Surface (F6)					
	ed Below Dark So Park Surface (A1:	. ,			rk Surface (F	-7)				
	,	•		nal Pools	essions (F8)		3Indicators of	hydrophytic vegetation and wetland hydrology		
-	Mucky Material (		□ ve	IIai Fuuis	(Г9)		must be prese	ent, unless disturbed or problematic.		
☐ Sandy Gleyed Matrix (S4)										
Restrictive	Layer (if present	t):								
Туре:	_						Hydric Soils Pres	ent? Yes ⊠ No □		
Depth (incl	hes):									
	: Presumed hyd	dric								
Nemaiks.	. Fresumed hyd	anc								
HYDRO	LOGY									
	lydrology Indica	ators								
Primary Inc	dicators (minimu							Secondary Indicators (2 or more required)		
	Water (A1)			Salt Crust	, ,		Water Marks (B1) (Riverine)			
_	ater Table (A2)			Biotic Cru	` ,	(D40)	☐ Sediment Deposits (B2) (Riverine)			
☐ Saturat	` '				vertebrates					
	Marks (B1) ( <b>Non</b>			-	Sulfide Odd		is ting Doots (C2)	☐ Drainage Patterns (B10)		
	ent Deposits (B2)				•	·	• ,	☐ Dry-Season Water Table (C2) ☐ Crayfish Burrows (C8)		
	posits (B3) ( <b>Nor</b> Soil Cracks (B6				of Reduced on Reduction			Saturation Visible on Aerial Imagery (C9)		
	ion Visible on A	,			k Surface (C		3011S (C6)	Shallow Aquitard (D3)		
	Stained Leaves (	ο.			plain in Rem	,		FAC-Neutral Test (D5)		
	,	D9)		Other (LX	piaiii iii ixeii	iaiks)				
Field Obs										
Surface W	ater Present?	Ye	es 🗌 No 🔲 De	pth (in.) _						
Water Tab	le Present?	Ye	es 🗌 No 🗌 De	pth (in.) _		'	Wetland Hydrology	Present? Yes ⊠ No □		
Saturation	Present?	Ye	es 🗌 No 🔲 De	pth (in.) _						
(includes o	apillary fringe)									
Describe F	Recorded Data (s	tream gaug	e, monitoring w	ell, aerial	photos, prev	ious insp	ections), if available	:		
Remarks	Presumed									

Project/Site: Desert Claim		City	/County: El	lensburg/Kittitas County	Sampling Date: 9-20-17	
Applicant/Owner: EDF		Stat	e: <u>WA</u>		Sampling Point: GA-SP-23	
Investigator(s): CW, JD Grette Associates					: <u>19</u> Township: <u>19</u> Range: <u>18</u>	
Landform (hillslope, terrace, etc.): hillslope				relief (concave□, convex□,	none $\boxtimes$ : Slope (%): $\underline{4}$	
Subregion (LRR): <u>B</u>			Lat: <u>47</u>	<u>47.12470</u> Long: <u>-120.63009</u> Datum: <u>NAD83(2011)</u>		
Soil Map Name: Sketter-Millhouse-Lablue com			_	_	NWI Classification:	
Are climatic/hydrologic conditions on the site ty			year?Yes [			
Are Vegetation ☐ Soil ☐, or Hydrology ☐ sig					nces" present? Yes 🛛 No 🗌	
Are Vegetation $\square$ Soil $\square$ , or Hydrology $\square$ sig	nificantly p	roblematio	:? (If neede	d, explain in Remarks)		
SUMMARY OF FINDINGS – Attach site	map shov	ving sam	pling poi	nt locations, transects, i	mportant features, etc.	
Hydrophytic vegetation present?	Yes 🗌 No	$\boxtimes$				
Hydric soils present?	Yes 🗌 No	$\boxtimes$	ls the sar	npled area within a wetland	d? Yes ☐ No ⊠	
Wetland hydrology present?	Yes 🗌 No	$\boxtimes$	io trio our	iipica aroa witiiii a wotiani	. 100 🗀 110 🖂	
Remarks: R113						
VECETATION . Her rejensific names a	flata					
VEGETATION – Use scientific names o		e Dominar	nt Indicator	Dominance Test worksheet:		
Tree Stratum (Plot size:30')		er Species				
1				Number of Dominant Species that are OBL, FACW, or FAC:		
2					<u>1 (A)</u>	
3				Total Number of Dominant Species Across All Strata:	2 (5)	
4				·	<u>2 (B)</u>	
		= Total C	Cover	Percent of Dominant Species		
Sapling/Shrub Stratum (Plot size:15')				that are OBL, FACW, or FAC:		
				Prevalence Index worksheet	t:	
1			-	Tatal 0/ Oassan of	Mantelantan	
2				Total % Cover of:	Multiply by:	
3			-	OBL species	x 1 = x 2 =	
4 5				FACW species FAC species	x 3 =	
3				FACU species	x 4 =	
		= Total (	Cover	UPL species	x 5 =	
Herb Stratum (Plot size:5')				Column Totals(A)	(B)	
1. Poa protensis	<u>60</u>	<u>Y</u>	<u>FAC</u>	(1)	(2)	
2. <u>Lomatium nudicaule</u>	<u>20</u>	<u>Y</u>	<u>UPL</u>	Prevalence inc	lex = B/A =	
3				Hydrophytic Vegetation indi		
4					odiors.	
5				Dominance Test is >50%		
6				☐ Prevalence Index is ≤3.0 <sup>1</sup>		
7				☐ Morphological Adaptations		
8				Remarks or on a s	'	
	<u>80%</u>	= Total 0	Jover	☐ Problematic Hydrophytic \		
Woody Vine Stratum (Plot size: )				<sup>1</sup> Indicators of hydric soil and war present, unless disturbed or p		
1						
2			-			
		= Total C	Cover	Hydrophytic vegetation p	oresent? Yes 🗌 No 🛛	
% Bare Ground in Herb Stratum	% Cover of	Biotic Crus	t			
Remarks:						

Depth	Matrix_		<u>F</u>	Redox Fea	tures		confirm the absence	•			
(inches)	Color (moist)	%	Color (moist)	%	Type <sub>1</sub>	Loc <sub>2</sub>	Texture	Remarks			
0-6*	10YR 2/2	100					Stony Ioam	compacted, concave			
1T. mar. C. C	on controtion. D	Donlotion	DM Doduced	notrice CC	Covered a	r Cootod I	Cond Craina 21 aa	otion DL Doro linings M Motriy			
	Is Indicators: (A							ation: PL=Pore linings; M=Matrix  Problematic Hydric Soils³:			
		Applicable				1.)		•			
Histoso	` '			ndy Redox			1 cm Muck				
	pipedon (A2)		☐ Stri	2 cm Muck							
☐ Black H	` '				/ Material (F		☐ Reduced V	,			
	en Sulfide (A4) d Layers (A5) ( <b>L</b>	PP C)		oleted Mat	d Matrix (F2	.)	<u> </u>	Material (TF2) ain in Remarks)			
	uck (A9) ( <b>LRR D</b>				Surface (F6)		☐ Other (Expi	all III Nemarks)			
	d Below Dark Su				k Surface (F						
	ark Surface (A12	` '			ssions (F8)	',					
	Mucky Material (			nal Pools				ydrophytic vegetation and wetland hydrology			
_	Gleyed Matrix (S				( - /		must be prese	nt, unless disturbed or problematic.			
	Layer (if present					Ī					
Type:		,.					Heatric Oatto Bosson				
,	<u> </u>						Hydric Soils Prese	ent? fes 🗌 No 🗵			
	Depth (inches):										
Remarks:	*Point of resis	tence									
HYDROL	OGY										
	ydrology Indica	itors									
Primary Inc	dicators (minimur	m of one red						Secondary Indicators (2 or more required)			
	Water (A1)			Salt Crust	, ,		☐ Water Marks (B1) (Riverine)				
☐ Saturati	ater Table (A2)			Biotic Crus	vertebrates	(B13)	☐ Sediment Deposits (B2) (Riverine) ☐ Drift Deposits (Riverine)				
	on (A3) ⁄larks (B1) ( <b>Nonr</b>	iverine)		•	Sulfide Odd	. ,		☐ Drainage Patterns (B10)			
	nt Deposits (B2)	•						☐ Dry-Season Water Table (C2)			
	posits (B3) ( <b>Non</b>		<u> </u>		of Reduced	_		☐ Crayfish Burrows (C8)			
	Soil Cracks (B6		_		n Reduction	` '		☐ Saturation Visible on Aerial Imagery (C9)			
	ion Visible on Ae				Surface (C			☐ Shallow Aquitard (D3)			
☐ Water-S	Stained Leaves (I	39)	· / 🗀 (	Other (Exp	olain in Rem	arks)		☐ FAC-Neutral Test (D5)			
Field Obse	ervations										
Surface Wa	ater Present?	Ye	es 🗌 No 🗌 Dep	oth (in.)							
Water Tabl	e Present?	Ye	es 🗌 No 🗌 Dep	oth (in.)		٧	Wetland Hydrology	Present? Yes ☐ No ⊠			
Saturation (includes c	Present? apillary fringe)	Ye	es 🗌 No 🗌 Dep	oth (in.)							
Describe R	ecorded Data (s	tream gaug	e, monitoring we	ell, aerial p	ohotos, prev	ious inspe	ections), if available:				
	·		-	·	-	ŕ					
Remarks:											

Hydrophytic vegetation present? Hydric soils present?	ypical for thi gnificantly di gnificantly p	States States States Start Sta	Local Lat: 47 year? Yes [ c? (If neede	Are "Normal Circumstances" present? Yes $oxtimes$ No $oxtimes$
VEGETATION – Use scientific names of	of plants			
	Absolut		nt Indicator	Dominance Test worksheet:
Tree Stratum (Plot size:30')  1	<u>% Cove</u>	r Species	? Status	Number of Dominant Species that are OBL, FACW, or FAC:  0 (A)
2 3 4				Total Number of Dominant Species Across All Strata: 1 (B)
		= Total (	Cover	Percent of Dominant Species that are OBL, FACW, or FAC: 0 (A/B)
Sapling/Shrub Stratum (Plot size:15')				Prevalence Index worksheet:
1				Total 9/ Course of Multiplu has
2 3				Total % Cover of:   Multiply by:
3 4				FACW species x 2 =
5				FAC species x 3 =
s. <u>——</u>			201/05	FACU species x 4 =
		= Total (	Jover	UPL species x 5 =
Herb Stratum (Plot size:5')				Column Totals(A)(B)
1. <u>Poa secunda</u>	<u>60</u>	<u>Y</u>	<u>FACU</u>	
2. <u>Balsamorhiza hookeri</u>	<u>10</u>	<u>N</u>	<u>NL</u>	Prevalence index = B/A =
3. <u>Lomatium nudicaule</u>	<u>10</u>	<u>N</u>	<u>UPL</u>	Hydrophytic Vegetation indicators:
4 5				☐ Dominance Test is >50%
6				☐ Prevalence Index is ≤3.0 <sup>1</sup>
7 8.				☐ Morphological Adaptations¹ (provide supporting data in Remarks or on a separate sheet)
o	80%	= Total (	Cover	☐ Problematic Hydrophytic Vegetation¹ (explain)
Woody Vine Stratum (Plot size: )	0070	= Total (	30VC1	<sup>1</sup> Indicators of hydric soil and wetland hydrology must be
,				present, unless disturbed or problematic.
1 2.				
2		= Total (	Cover	Hydrophytic vegetation present? Yes ☐ No ☒
% Bare Ground in Herb Stratum 20 %	Cover of Biot			nydropnytic vegetation present? Tes \( \) No \( \)
Remarks:				1

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth	Matrix		<u>F</u>	<u>ledox Fea</u>							
(inches)	Color (moist)	%	Color (moist)	%	Type₁	Loc <sub>2</sub>	Texture	Remarks			
0-10	10YR 3/3	100					Silt loam				
10+	hardbpan										
101	cobble										
						ļ					
		<del> </del>				<del> </del>					
<sup>1</sup> Type: C=Concentration; D=Depletion; RM=Reduced matrix; CS=Covered or Coated Sand Grains. <sup>2</sup> Location: PL=Pore linings; M=Matrix											
Hydric Soi	ls Indicators: (/	Annlicable	to all I PPe un	loce otho	rwise notes	17	Indicators fo	r Problematic Hydric Soils <sup>3</sup> :			
Hydric 30i	is illulcators. (/	Applicable	to all ERRS, ull	iess othe	i wise noted	ı. <i>)</i>	iliulcators to	r Froblematic riguric Solls .			
☐ Histoso	I (A1)		☐ Sar	idy Redox	(S5)		☐ 1 cm Mucl	< (A9) ( <b>LRR C</b> )			
☐ Histic E	pipedon (A2)		☐ Stri	pped Matr	ix (S6)		2 cm Mucl	< (A10) ( <b>LRR B</b> )			
☐ Black H	istic (A3)		☐ Loa	my Mucky	/ Material (F	1)	Reduced Vertic (F18)				
☐ Hydroge	en Sulfide (A4)		☐ Loa	my Gleye	d Matrix (F2	)	☐ Red Parer	nt Material (TF2)			
	d Layers (A5) ( <b>L</b>	RR C)		oleted Mat		,		plain in Remarks)			
	uck (A9) (LRR D				Surface (F6)		( ,	,			
	d Below Dark St				k Surface (F	7)					
-						')					
	ark Surface (A12	•			ssions (F8)		3Indicators of	hydrophytic vegetation and wetland hydrology			
	Mucky Material (	•	□ ver	nal Pools	(F9)			ent, unless disturbed or problematic.			
☐ Sandy 0	Gleyed Matrix (S	4)									
Restrictive	Layer (if present	.):									
		.,,.									
Type:	_						Hydric Soils Pres	ent? Yes □ No ⊠			
Depth (inch	nes):										
Remarks:											
Remarks.											
HYDROL	_OGY										
Wetland H	ydrology Indica	itors									
	<u>dicators (minimu</u>	m of one red						Secondary Indicators (2 or more required)			
	Water (A1)			Salt Crust				☐ Water Marks (B1) (Riverine)			
☐ High Wa	ater Table (A2)		_ I	Biotic Crus	st (B12)		☐ Sediment Deposits (B2) ( <b>Riverine</b> )				
☐ Saturati	on (A3)			Aquatic In	vertebrates	(B13)	☐ Drift Deposits (Riverine)				
☐ Water N	Marks (B1) ( <b>Non</b> i	riverine)		Hydrogen	Sulfide Odo	r (C1)		☐ Drainage Patterns (B10)			
☐ Sedime	nt Deposits (B2)	(Nonriveri	ne) 🔲 (	Oxidized F	Rhizosphere	s along L	iving Roots (C3)	☐ Dry-Season Water Table (C2)			
☐ Drift De	posits (B3) (Non	riverine)	· □	Presence	of Reduced	Iron (C4	)	☐ Crayfish Burrows (C8)			
	Soil Cracks (B6	•			n Reduction	•		☐ Saturation Visible on Aerial Imagery (C9)			
	ion Visible on Ae	,			Surface (C		()	Shallow Aquitard (D3)			
	Stained Leaves (		` '		olain in Rem	,		FAC-Neutral Test (D5)			
	<u> </u>		·	Julei (EX	Jiaiii iii Neiii	aiks)		TAC-Neutral Test (D3)			
Field Obse	ervations										
Surface Wa	ater Present?	Ye	es 🗌 No 🔲 Dep	oth (in.)							
Water Tabl	e Present?		es 🗌 No 🔲 Dep			,	Wetland Hydrology	Present? Yes 🗌 No 🖂			
							, 0,				
Saturation		Ye	es 🗌 No 🔲 De <sub>l</sub>	oth (in.)							
(includes c	apillary fringe)										
Describe R	ecorded Data (s	tream gaug	e, monitoring we	ell, aerial p	ohotos, previ	ous insp	ections), if available	:			
	·		-		-	·					
Remarks:											
rtomants.											

Project/Site: Desert Claim	City	/County: Elle	ensburg/Kittitas County	Sampling Date: 9-21-17
Applicant/Owner: <u>EDF</u>	Stat	te: <u>WA</u>		Sampling Point: GA-SP-25
Investigator(s): <u>CW, JD Grette Associates</u>			· · · · · · · · · · · · · · · · · · ·	<u>9</u> Township: <u>19</u> Range: <u>18</u>
Landform (hillslope, terrace, etc.):			elief (concave□, convex□, n	· · · · · · · · · · · · · · · · · · ·
Subregion (LRR): B		Lat: <u>47</u>	.12466 Long: <u>-120.62731</u>	Datum: <u>NAD83(2011)</u>
Soil Map Name: Sketter-Millhouse-Lablue comple		٥., ٢		NWI Classification:
Are climatic/hydrologic conditions on the site typic				
Are Vegetation Soil , or Hydrology signif	-		Are "Normal Circumstance	es" present? Yes 🖂 No 🗀
Are Vegetation Soil , or Hydrology signif		•	•	
SUMMARY OF FINDINGS – Attach site ma	a <b>p snowing san</b> s ⊠ No □	npiing poin	it locations, transects, im	portant features, etc.
	s ⊠ No □	Is the sam	pled area within a wetland?	Yes ⊠ No □
	s ⊠ No □			
Remarks: R104				
Presumed that wetland conditions exist seasona	ally			
VEGETATION – Use scientific names of p	lants			
	Absolute Domina		Dominance Test worksheet:	
Tree Stratum (Plot size:30')	% Cover Species	? Status	Number of Dominant Species	
1			that are OBL, FACW, or FAC:	<u>0 (A)</u>
2			Total Number of Dominant	
3	<del></del>		Species Across All Strata:	<u>2 (B)</u>
4			Percent of Dominant Species	
	= Total (	Cover	that are OBL, FACW, or FAC:	<u>0 (A/B)</u>
Sapling/Shrub Stratum (Plot size:15')		-	Prevalence Index worksheet:	<del></del>
1				
2			Total % Cover of:	Multiply by:
3			OBL species	x 1 =
4			FACW species	x 2 =
5			FAC species	x 3 =
	= Total (	Cover	FACU species	x 4 =
Herb Stratum (Plot size:5')			UPL species(A)	x 5 =(B)
1. <u>Poa secunda</u>	<u>50</u> <u>Y</u>	FACU	Column Totals(A)	(B)
2. <u>Festuca campestris</u>	<u>30</u>	<u>NL</u>	Prevalence index	x = B/A =
3			Hydrophytic Vegetation indica	tors:
4			☐ Dominance Test is >50%	
5 6			☐ Prevalence Index is ≤3.0¹	
7			_	(nunciale accompantions aloto in
8			Morphological Adaptations <sup>1</sup> (Remarks or on a sep	
	<u>80%</u> = Total (	Cover	□ Problematic Hydrophytic Veg	getation <sup>1</sup> (explain)
Woody Vine Stratum (Plot size: )			<sup>1</sup> Indicators of hydric soil and wet	
1			present, unless disturbed or prob	Diematic.
2				
	= Total (	Cover	Hydrophytic vegetation pre	esent? Yes 🛛 No 🗌
% Bare Ground in Herb Stratum %	Cover of Biotic Crus	st		
Remarks: Presumed ephemeral hydroph vegeta	ation - does not pa	ss criterion,	but based on topography and	other data presumed
passed.				

Profile Des		ribe to the				icator or	confirm the absen	ce of indicators.)			
Depth (inches)	Matrix Color (moist)	%	Color (moist)	Redox Fea		Loc <sub>2</sub>	 Texture	Remarks			
0-3*	10YR 3/2	100	Color (moist)	70	Type <sub>1</sub>	LUC2	Silty stony loa				
0-3	1011( 3/2	100					Only Story loa	iii very naru son			
						-					
<sup>1</sup> Typo: C_C	`oncontration: D	-Doplotion:	PM-Poduood	motriv: CS	'-Covered o	r Contod	Sond Croins 21 o	cation: PL=Pore linings; M=Matrix			
Hydric Soi	ls Indicators: (A	Applicable 1	to all LRRs, u	nless othe	erwise noted	d.)	Indicators fo	r Problematic Hydric Soils³:			
☐ Histoso	I (A1)		☐ Sa	ndy Redox	x (S5)		1 cm Mucl	(A9) (LRR C)			
☐ Histic E	pipedon (A2)		☐ St	ripped Mat	rix (S6)		2 cm Mucl	(A10) ( <b>LRR B</b> )			
☐ Black H	istic (A3)		☐ Lo	amy Muck	y Material (F	1)	☐ Reduced Vertic (F18)				
☐ Hydroge	en Sulfide (A4)		☐ Lo	amy Gleye	ed Matrix (F2	2)	Red Parent Material (TF2)				
	d Layers (A5) ( <b>L</b>			epleted Ma			Other (Exp	plain in Remarks)			
	uck (A9) (LRR D				Surface (F6)						
•	d Below Dark Su	, ,			rk Surface (F	7)					
	ark Surface (A12			•	essions (F8)		3Indicators of	hydrophytic vegetation and wetland hydrology			
-	Mucky Material (		∐ Ve	rnal Pools	(F9)			ent, unless disturbed or problematic.			
☐ Sandy (	Gleyed Matrix (S	4)									
Restrictive	Layer (if present	:):									
Type:							Hydric Soile Bros	ent? Yes ⊠ No □			
Depth (inch							nyunc sons ries	ent: les 🖂 NO 🗀			
Remarks:	*Point of resis	tence; pre	sumed proble	ematic hyd	dric soil						
HYDROL Wetland H	_OGY ydrology Indica	tore									
Primary Inc	dicators (minimur	m of one rec	quired; check a	III that appl	y			Secondary Indicators (2 or more required)			
	Water (A1)			Salt Crust			☐ Water Marks (B1) (Riverine)				
☐ High Wa	ater Table (A2)			Biotic Cru	, ,		☐ Sediment Deposits (B2) (Riverine)				
Saturati	` ,			•	vertebrates	. ,		☐ Drift Deposits ( <b>Riverine</b> )			
	/larks (B1) ( <b>Nonr</b>				Sulfide Odo	. ,		☐ Drainage Patterns (B10)			
	nt Deposits (B2)						iving Roots (C3)	Dry-Season Water Table (C2)			
	posits (B3) ( <b>Non</b>				of Reduced			Crayfish Burrows (C8)			
	Soil Cracks (B6				on Reduction		Soils (C6)	Saturation Visible on Aerial Imagery (C9)			
	ion Visible on Ae		/ (B7)		k Surface (C	,		Shallow Aquitard (D3)			
☐ Water-S	Stained Leaves (I	B9)		Other (Ex	plain in Rem	arks)		☐ FAC-Neutral Test (D5)			
Field Obse	ervations										
Surface Wa	ater Present?	Υe	es 🗌 No 🔲 De	epth (in.) _							
Water Tabl	e Present?	Υe	es 🗌 No 🔲 De	epth (in.)		,	Wetland Hydrology	Present? Yes ⊠ No □			
Saturation	Drecent?		es 🗌 No 🔲 De								
	apillary fringe)	10	53   INO   D	-pui (iii.) _							
-		tream gauge	e. monitoring v	vell. aerial	photos prev	ious insn	ections), if available	•			
Describe IV	ecoraca Bata (o	ircam gaag	o, monitoring v	voii, acriai	priotos, prov	ious iriop	collons), ii avallable	•			
Remarks:	Presumed										

Project/Site: <u>Desert Claim</u>		City	/County: Ell	ensburg/Kittitas County	Sampling Date: 9-21-17
Applicant/Owner: <u>EDF</u>		Stat	te: <u>WA</u>		Sampling Point: GA-SP-26
Investigator(s): CW, JD Grette Associates				_	<u>19</u> Township: <u>19</u> Range: <u>18</u>
Landform (hillslope, terrace, etc.): hillslope				relief (concave⊡, convex⊡, r	· · · · · —
Subregion (LRR): <u>B</u>			Lat: <u>47</u>	<u>7.12473</u> Long: <u>-120.62771</u>	Datum: NAD83(2011)
Soil Map Name:			_	_	NWI Classification:
Are climatic/hydrologic conditions on the site type					
Are Vegetation ☐ Soil ☐, or Hydrology ☐ sign	-				es" present? Yes ⊠ No □
Are Vegetation ☐ Soil ☐, or Hydrology ☐ sign			•		
SUMMARY OF FINDINGS – Attach site n			npling poi	nt locations, transects, im	nportant features, etc.
	′es 🔲 No 🏻				
1 -	′es 🔲 No [		Is the san	npled area within a wetland?	Yes □ No ⊠
1	′es 🗌 No [	$\boxtimes$			
Remarks: R106					
VECETATION Line acceptific names of	nlanta				
VEGETATION – Use scientific names of		Domina	nt Indicator	Dominance Test worksheet:	
Tree Stratum (Plot size:30')		Species		Number of Deminent Consis	
1				Number of Dominant Species that are OBL, FACW, or FAC:	0 (4)
2					<u>0 (A)</u>
3				Total Number of Dominant Species Across All Strata:	4 (D)
4					<u>1 (B)</u>
		= Total	Cover	Percent of Dominant Species	0 (4 (5)
Sapling/Shrub Stratum (Plot size:15')				that are OBL, FACW, or FAC:	<u>0 (A/B)</u>
				Prevalence Index worksheet:	
1 2				Total % Cover of:	Multiply by:
3				OBL species	x 1 =
4				FACW species	x 2 =
5				FAC species	x 3 =
		= Total (	Cover	FACU species	x 4 =
Horb Stratum (Diot oizo:5')				UPL species	x 5 =
Herb Stratum (Plot size:5')		.,	=	Column Totals (A)	(B)
1. Poa secunda	<u>60</u>	<u>Y</u>	<u>FACU</u>		
2. <u>Bromus tectorum</u>	<u>15</u>	<u>N</u>	<u>NL</u>	Prevalence inde	x = B/A =
3. <u>Lomatium nudicaule</u> 4	<u>15</u>	<u>N</u>	<u>UPL</u>	Hydrophytic Vegetation indica	ators:
5				☐ Dominance Test is >50%	
6				☐ Prevalence Index is ≤3.0 <sup>1</sup>	
7.				☐ Morphological Adaptations¹	(provide supporting data in
8				Remarks or on a sep	
	90%	= Total	Cover	☐ Problematic Hydrophytic Ve	getation <sup>1</sup> (explain)
Woody Vine Stratum (Plot size: )				<sup>1</sup> Indicators of hydric soil and we	
				present, unless disturbed or pro	
1					
		= Total (		Hydrophytic vegetation pro	esent? Yes 🗌 No 🖂
	% Cover of I	Biotic Crus	st		
Remarks:					

		ribe to the	•			licator or	confirm the absen	ce of indicators.)			
Depth	Matrix	%		Redox Fea		1		Demonto			
(inches)	Color (moist)	·	Color (moist)	%	Type <sub>1</sub>	Loc <sub>2</sub>	Texture	Remarks			
0-12	10YR 3/2	100					Silt loam				
		ļ			ļ						
<sup>1</sup> Type: C=Concentration; D=Depletion; RM=Reduced matrix; CS=Covered or Coated Sand Grains. <sup>2</sup> Location: PL=Pore linings; M=Matrix											
Hydric Soils Indicators: (Applicable to all LRRs, unless otherwise noted.)  Indicators for Problematic Hydric Soils <sup>3</sup> :											
nyuric Soi	iis indicators: (/	Аррисавіе	to all LRRS, ur	ness otne	rwise note	u.)	indicators to	r Problematic Hydric Solls :			
☐ Histoso	I (A1)		☐ Sa	ndy Redox	(S5)		☐ 1 cm Mucl	< (A9) (LRR C)			
☐ Histic E	pipedon (A2)		☐ Str	ipped Mat	rix (S6)		2 cm Mucl	(A10) ( <b>LRR B</b> )			
☐ Black H	istic (A3)		☐ Lo	amy Muck	y Material (F	<del>-</del> 1)	☐ Reduced \	Vertic (F18)			
☐ Hydroge	en Sulfide (A4)		☐ Lo	amy Gleye	ed Matrix (F2	2)	☐ Red Parer	nt Material (TF2)			
☐ Stratifie	d Layers (A5) ( <b>L</b>	RR C)	☐ De	pleted Ma	trix (F3)		☐ Other (Exp	olain in Remarks)			
1 cm M	uck (A9) (LRR D	)	☐ Re	dox Dark S	Surface (F6)	)					
☐ Deplete	d Below Dark Su	urface (A11)	☐ De	pleted Dai	rk Surface (F	F7)					
☐ Thick D	ark Surface (A12	2)	☐ Re	dox Depre	ssions (F8)		21 11 4 6				
☐ Sandy N	Mucky Material (	S1)	☐ Ve	rnal Pools	(F9)			hydrophytic vegetation and wetland hydrology ent, unless disturbed or problematic.			
☐ Sandy (	Gleyed Matrix (S	4)					must be presi	on, unless disturbed of problematic.			
Doctrictive	Lavar (if process	٠١.									
Restrictive	Layer (if present	1).									
Type:	_						Hydric Soils Pres	ent? Yes ☐ No ⊠			
Depth (inch	nes):										
Remarks:	I										
HYDROL	OGY										
	ydrology Indica	ators									
Primary Inc	dicators (minimu							Secondary Indicators (2 or more required)			
	Water (A1)			Salt Crust			☐ Water Marks (B1) (Riverine)				
_	ater Table (A2)			Biotic Cru			☐ Sediment Deposits (B2) ( <b>Riverine</b> )				
Saturati					vertebrates			☐ Drift Deposits ( <b>Riverine</b> )			
	/larks (B1) ( <b>Non</b> i			-	Sulfide Odd			☐ Drainage Patterns (B10)			
	nt Deposits (B2)					_	iving Roots (C3)	☐ Dry-Season Water Table (C2)			
☐ Drift De	posits (B3) ( <b>Non</b>	riverine)		Presence	of Reduced	I Iron (C4)		☐ Crayfish Burrows (C8)			
☐ Surface	Soil Cracks (B6	)			on Reduction		Soils (C6)	☐ Saturation Visible on Aerial Imagery (C9)			
	ion Visible on Ae	υ,	/ (B7)	Thin Muck	Surface (C	(7)		☐ Shallow Aquitard (D3)			
☐ Water-S	Stained Leaves (	B9)		Other (Ex	plain in Rem	narks)		☐ FAC-Neutral Test (D5)			
Field Obse	ervations										
Surface Wa	ater Present?	Υe	es 🗌 No 🔲 De	pth (in.) _							
Water Tabl	e Present?		es 🗌 No 🔲 De			١.	Wetland Hydrology	Present? Yes ☐ No ⊠			
Saturation (includes c	apillary fringe)	Ye	es 🗌 No 🗌 De	ptn (in.) _							
		troom cove	o monitorina	oll poriol	nhoton nec	ious issa	actions) if available				
Describe K	.ecorded Data (S	ucam yaug	e, monitoring w	eii, aetiäl	priotos, prev	nous msp	ections), if available	•			
Remarks:											
ivellialks.											

Project/Site: <u>Desert Claim</u>		-	-	ensburg/Kittitas County	Sampling Date: 9-21-17
Applicant/Owner: <u>EDF</u>		Stat	e: <u>WA</u>		Sampling Point: GA-SP-27
Investigator(s): CW, JD Grette Associates				<del>-</del>	9 Township: 19 Range: 18
Landform (hillslope, terrace, etc.): Slope				relief (concave⊠, convex⊡, n	· · · · · · · · · · · · · · · · · · ·
Subregion (LRR): <u>B</u>	0.50/		Lat: <u>47</u>	<u>'.12473</u> Long: <u>-120.62771</u>	Datum: <u>NAD83(2011)</u>
Soil Map Name: Skeetter-Millhouse-Lablue compl			0.14	7 N 🖂 //	NWI Classification:
Are climatic/hydrologic conditions on the site typic			/ear? Yes ⊵		
Are Vegetation ⊠ Soil ⊠, or Hydrology □ signifi Are Vegetation □ Soil □, or Hydrology □ signifi	-		:? (If needed	Are "Normal Circumstance d, explain in Remarks)	es" present? Yes 🔲 No 🖂
SUMMARY OF FINDINGS – Attach site ma	p show	ing sam	pling poi	nt locations, transects, im	portant features, etc.
	s 🛛 No [				
1	s 🛛 No [		la tha aam		Vaa M Na 🗆
	s ⊠ No [		is the san	npled area within a wetland?	Yes ⊠ No □
Remarks: R106					
Cattle grazing					
VEGETATION – Use scientific names of p	lante				
	Absolute		nt Indicator	Dominance Test worksheet:	
Tree Stratum (Plot size:30')	% Cover	Species'	? Status	Number of Dominant Species	
1				that are OBL, FACW, or FAC:	<u>1 (A)</u>
2				Total Number of Dominant	<u>· (· ·/</u>
3				Species Across All Strata:	<u>1 (B)</u>
4				Percent of Dominant Species	<u> 1 (0)</u>
		= Total C	Cover	that are OBL, FACW, or FAC:	100 (A/B)
Sapling/Shrub Stratum (Plot size:15')				Prevalence Index worksheet:	
1					
2				Total % Cover of:	Multiply by:
3				OBL species	x 1 =
4				FACW species	x 2 =
5				FAC species	x 3 =
		= Total C	Cover	FACU species	x 4 =
Herb Stratum (Plot size:5')				UPL species	x 5 =
1. <u>Poa bulbosa</u>	<u>10</u>	N	FAC	Column Totals(A)	(B)
2. <u>Poa secunda</u>	10	<u>N</u>	FACU	Burnelou es in des	
3. <u>Juncus balticus</u>	<u>50</u>	<u>Y</u>	FACW	Prevalence index	·
4. <u>Lomatium nudicaule</u>	10	N	UPL	Hydrophytic Vegetation indica	itors:
5				☐ Dominance Test is >50%	
6				☐ Prevalence Index is ≤3.0 <sup>1</sup>	
7 8				☐ Morphological Adaptations¹ (Remarks or on a sep	
0	80%	= Total 0	 Cover	☐ Problematic Hydrophytic Veg	,
Woody Vine Stratum (Plot size: )				<sup>1</sup> Indicators of hydric soil and wet	` ' '
1.				present, unless disturbed or prob	
2					
		= Total 0	:nver	Hydrophytic vegetation pre	sent? Yes 🕅 No 🖂
% Bare Ground in Herb Stratum %	Cover of F	Biotic Crus		Trydrophyllo rogoldilon pro	, , , , , , , , , , , , , , , , , , ,
Remarks: Vegetation trampled by cattle; rush lo			·		
Tromand. Vogetation trampled by cattle, fusition	ing dead/	anou			

		ribe to the				icator o	r confirm the abser	nce of indicators.)		
Depth (inches)	Matrix Color (moist)	%	Color (moist)	Redox Fea %	tures Type1	Loc <sub>2</sub>	 Texture	Remarks		
0-12	10YR 3/2	100			177-		Silt loam			
					ļ					
<sup>1</sup> Type: C=C	Concentration: D	EDepletion:	RM=Reduced r	natrix: CS	=Covered o	r Coated	Sand Grains. <sup>2</sup> Lo	ocation: PL=Pore linings; M=Matrix		
• •	Is Indicators: (A							or Problematic Hydric Soils <sup>3</sup> :		
☐ Histoso	(A1)		□ Sar	ndy Redox	(S5)		□ 1 cm Muc	ek (A9) ( <b>LRR C</b> )		
	pipedon (A2)			pped Mat				k (A10) (LRR B)		
☐ Black H					y Material (F	1)	☐ Reduced Vertic (F18)			
	en Sulfide (A4)				d Matrix (F2					
	d Layers (A5) ( <b>L</b>	RR C)		oleted Mat		•/	☐ Red Parent Material (TF2) ☑ Other (Explain in Remarks)			
	uck (A9) ( <b>LRR D</b>	•			Surface (F6)		<b>23</b> Othor (2x	prairi in recinance,		
	d Below Dark Su	•			k Surface (F					
-	ark Surface (A12				ssions (F8)	.,				
	Mucky Material (			nal Pools				hydrophytic vegetation and wetland hydrology		
-	Gleyed Matrix (S			11011 0010	(1 0)		must be pres	sent, unless disturbed or problematic.		
-	Layer (if present									
	, , ,	,-								
Type:							Hydric Soils Pres	sent? Yes ⊠ No □		
Depth (inch	nes):									
Remarks:	Presumed pro	blematic h	ydric soill							
	201/									
HYDROI Wetland H	_OG Y ydrology Indica	itors								
Primary Inc	licators (minimur		quired; check al	I that appl	<u>y</u>			Secondary Indicators (2 or more required)		
Surface	Water (A1)			Salt Crust	(B11)			☐ Water Marks (B1) (Riverine)		
☐ High Wa	ater Table (A2)			Biotic Cru	st (B12)		☐ Sediment Deposits (B2) (Riverine)			
☐ Saturati	on (A3)				vertebrates			☐ Drift Deposits ( <b>Riverine</b> )		
☐ Water N	farks (B1) ( <b>Nonr</b>	iverine)		Hydrogen	Sulfide Odo	r (C1)		□ Drainage Patterns (B10)		
☐ Sedime	nt Deposits (B2)	(Nonriveri	ne)	Oxidized F	Rhizosphere	s along l	iving Roots (C3)	☐ Dry-Season Water Table (C2)		
☐ Drift De	posits (B3) ( <b>Non</b>	riverine)		Presence	of Reduced	Iron (C4	)	☐ Crayfish Burrows (C8)		
	Soil Cracks (B6	)		Recent Iro	n Reduction	in Tilled	Soils (C6)	☐ Saturation Visible on Aerial Imagery (C9)		
☐ Inundati	on Visible on Ae	rial Imagery	v (B7) □	Thin Muck	Surface (C	7)		☐ Shallow Aquitard (D3)		
☐ Water-S	Stained Leaves (I	39)		Other (Exp	plain in Rem	arks)		☐ FAC-Neutral Test (D5)		
Field Obse	ervations									
Surface Wa	ater Present?	Υe	es 🗌 No 🔲 De	pth (in.) _	<u></u>					
Water Tabl	e Present?	Ye	es 🗌 No 🗌 De	pth (in.) _		'	Wetland Hydrology	y Present? Yes ⊠ No □		
Saturation (includes c	Present? apillary fringe)	Υe	es 🗌 No 🗌 De	pth (in.) _						
Describe R	ecorded Data (s	tream gaug	e, monitoring w	ell, aerial ¡	ohotos, prev	ious insp	ections), if available	<b>)</b> :		
Domesiles										
Remarks:										

Project/Site: Desert Claim		City	/County: El	ensburg/Kittitas County	Sampling Date: <u>9-21-17</u>
Applicant/Owner: EDF		Stat	e: <u>WA</u>		Sampling Point: GA-SP-28
Investigator(s): CW, JD Grette Associates					<u>19</u> Township: <u>19</u> Range: <u>18</u>
Landform (hillslope, terrace, etc.): hillslope				relief (concave□, convex□,	· · · · · · · · · · · · · · · · · · ·
Subregion (LRR): <u>B</u>			Lat: <u>47</u>	7.12118 Long: <u>-120.63978</u>	Datum: NAD83(2011)
Soil Map Name: Maxhill ashy loam, 0-5 % slop			_	_	NWI Classification:
Are climatic/hydrologic conditions on the site ty			year?Yes [		
Are Vegetation ☐ Soil ☐, or Hydrology ☐ sig					ces" present? Yes ⊠ No ⊠
Are Vegetation ☐ Soil ☐, or Hydrology ☐ sig					
SUMMARY OF FINDINGS – Attach site	-		npling poi	nt locations, transects, ir	nportant features, etc.
	Yes No				
	Yes  No		Is the sar	npled area within a wetland	? Yes □ No ⊠
	Yes 🗌 No	$\boxtimes$			
Remarks: R81					
VEGETATION – Use scientific names o	f nlants				
	Absolut	te Dominai		Dominance Test worksheet:	
Tree Stratum (Plot size:30')	% Cove	er Species	? Status	Number of Dominant Species	
1				that are OBL, FACW, or FAC:	<u>0 (A)</u>
2				Total Number of Dominant	<del></del>
3				Species Across All Strata:	<u>2 (B)</u>
4				Percent of Dominant Species	
		= Total (	Cover	that are OBL, FACW, or FAC:	<u>0 (A/B)</u>
Sapling/Shrub Stratum (Plot size:15')				Prevalence Index worksheet:	
1					
2				Total % Cover of:	Multiply by:
3				OBL species	x 1 =
4				FACW species	x 2 =
5				FAC species	x 3 =
		= Total (	Cover	FACU species UPL species	x 4 = x 5 =
Herb Stratum (Plot size:5')				Column Totals(A)	X 5 =(B)
1. <u>Poa secunda</u>	<u>50</u>	<u>Y</u>	<u>FACU</u>	Column Totals (A)	(b)
2. <u>Festuca campestris</u>	<u>20</u>	<u>Y</u>	<u>NL</u>	Prevalence inde	ex = R/A =
3. <u>Bromus tectorum</u>	<u>10</u>	<u>N</u>	<u>NL</u>	Hydrophytic Vegetation indic	<u> </u>
4				☐ Dominance Test is >50%	
5				<b>—</b>	
6				Prevalence Index is ≤3.0¹	
7 8				Morphological Adaptations Remarks or on a se	
0	80%	= Total (	Cover	☐ Problematic Hydrophytic Ve	,
Woody Vino Stratum (Plot size:	0070	- rotar (	50101	<sup>1</sup> Indicators of hydric soil and we	,
Woody Vine Stratum (Plot size: )				present, unless disturbed or pre	
1					
2					= =
		= Total (	Cover	Hydrophytic vegetation p	resent? Yes ∐ No ⊠
% Bare Ground in Herb Stratum	% Cover of	Biotic Crus	t		
Remarks:					

		ribe to the				icator or	confirm the absen	ce of indicators.)			
Depth (inches)	Matrix Color (moist)	%	Color (moist)	Redox Fea %	Type <sub>1</sub>	Loc <sub>2</sub>	Texture	Remarks			
0-12	10YR 3/2	100			T		Silt loam				
<sup>1</sup> Type: C=C	oncentration; D	=Depletion;	: RM=Reduced r	natrix; CS	=Covered or	Coated	Sand Grains. <sup>2</sup> Lo	cation: PL=Pore linings; M=Matrix			
Hydric Soi	Is Indicators: (A	Applicable	to all LRRs, un	less othe	rwise noted	l.)	Indicators fo	r Problematic Hydric Soils <sup>3</sup> :			
	,	••				,	_	•			
☐ Histosol	pipedon (A2)			ndy Redox pped Matr				(A9) (LRR C)			
☐ Black H					/ Material (F	1)	2 cm Muck (A10) ( <b>LRR B</b> )  Reduced Vertic (F18)				
	en Sulfide (A4)				d Matrix (F2)		☐ Reduced Vertic (F18) ☐ Red Parent Material (TF2)				
	d Layers (A5) ( <b>L</b>	RR C)		oleted Mat		,		plain in Remarks)			
	uck (A9) ( <b>LRR D</b>	•			Surface (F6)		□ Other (Ex	olain in Nemarks)			
	d Below Dark Su				k Surface (F	7)					
-	ark Surface (A12				ssions (F8)	• ,					
	Mucky Material (	•		nal Pools				hydrophytic vegetation and wetland hydrology			
-	Gleyed Matrix (S	•		11011 0010	(. 0)		must be prese	ent, unless disturbed or problematic.			
							T				
	Layer (if present	):									
Type:	_						Hydric Soils Pres	ent? Yes ☐ No ⊠			
Depth (inch	nes):										
Remarks:											
HYDROL Wetland H	_OGY ydrology Indica	toro									
	<u>licators (minimur</u>		quired; check al	that apply	V			Secondary Indicators (2 or more required)			
Surface	Water (A1)			Salt Crust				☐ Water Marks (B1) (Riverine)			
☐ High Wa	ater Table (A2)			Biotic Crus	st (B12)		☐ Sediment Deposits (B2) (Riverine)				
☐ Saturati	on (A3)			•	vertebrates (			☐ Drift Deposits (Riverine)			
	1arks (B1) ( <b>Nonr</b>				Sulfide Odo			☐ Drainage Patterns (B10)			
☐ Sedime	nt Deposits (B2)	(Nonriveri	ne)	Oxidized F	Rhizospheres	s along L	Living Roots (C3)	☐ Dry-Season Water Table (C2)			
	posits (B3) ( <b>Non</b>				of Reduced	` '		☐ Crayfish Burrows (C8)			
☐ Surface	Soil Cracks (B6	)		Recent Iro	n Reduction	in Tilled	Soils (C6)	☐ Saturation Visible on Aerial Imagery (C9)			
	on Visible on Ae		⁄ (B7) □	Thin Muck	Surface (C7	7)		☐ Shallow Aquitard (D3)			
☐ Water-S	Stained Leaves (I	39)		Other (Exp	olain in Rema	arks)		FAC-Neutral Test (D5)			
Field Obse	ervations										
Surface Wa	ater Present?	Υe	es 🗌 No 🗌 De <sub>l</sub>	oth (in.)							
Water Tabl	e Present?	Υe	es 🗌 No 🗌 De <sub>l</sub>	oth (in.)		1	Wetland Hydrology	Present? Yes ☐ No ☒			
Saturation (includes ca	Present? apillary fringe)	Υe	es 🗌 No 🗌 De <sub>l</sub>	oth (in.)							
Describe R	ecorded Data (s	tream gauge	e, monitoring we	ell, aerial p	ohotos, previ	ious insp	ections), if available	:			
	•		-	·	•	·					
Remarks:					· <u> </u>						

Project/Site: Desert Claim		City	County: El	ensburg/Kittitas County	Sampling Date: 9-21-17	
Applicant/Owner: EDF		Stat	e: <u>WA</u>	Sampling Point: GA		
Investigator(s): CW, JD Grette Associates				Section:	19 Township: 19 Range: 18	
Landform (hillslope, terrace, etc.): hillslope				relief (concave $\boxtimes$ , convex $\Box$ ,	none⊡: Slope (%): <u>4</u>	
Subregion (LRR): <u>B</u>			Lat: <u>47</u>	7.12101 Long: <u>-120.63967</u>	Datum: NAD83(2011)	
Soil Map Name: Maxhill ashy loam, 0-5 % slope					NWI Classification:	
Are climatic/hydrologic conditions on the site ty	pical for thi	is time of	/ear?Yes [	oxtimes No $oxtime$ (If no, explain in Re	marks)	
Are Vegetation $\square$ Soil $\square$ , or Hydrology $\square$ sign					ices" present? Yes 🛛 No 🗌	
Are Vegetation $\square$ Soil $\square$ , or Hydrology $\square$ sign	nificantly p	roblematio	? (If neede	d, explain in Remarks)		
<b>SUMMARY OF FINDINGS – Attach site r</b>	nap shov	ving sam	pling poi	nt locations, transects, i	mportant features, etc.	
Hydrophytic vegetation present?	∕es ⊠ No					
Hydric soils present?	res ⊠ No		la tha aan	nnlad area within a watland	l? Yes ⊠ No □	
Wetland hydrology present?	res ⊠ No	П	is the sai	npled area within a wetland	If fes 🖂 No 🖂	
Remarks: R81						
VEGETATION – Use scientific names of		e Dominar	t Indicator	Dominance Test worksheet:		
Tree Stratum (Plot size:30')		e Dominar er Species				
1				Number of Dominant Species		
2				that are OBL, FACW, or FAC:	<u>1 (A)</u>	
3				Total Number of Dominant		
4.				Species Across All Strata:	<u>2 (B)</u>	
		= Total 0	over	Percent of Dominant Species		
		- Total C	JOVEI	that are OBL, FACW, or FAC:	50 (A/B)	
Sapling/Shrub Stratum (Plot size:15')				Prevalence Index worksheet	t:	
1						
2				Total % Cover of:	Multiply by:	
3				OBL species	x 1 =	
4				FACW species	x 2 =	
5				FAC species	x 3 =	
		= Total (	Cover	FACU species UPL species	x 4 = x 5 =	
Herb Stratum (Plot size:5')				Column Totals(A)	(B)	
1. Poa secunda	<u>70</u>	<u>Y</u>	<u>FACU</u>	Column Totals(A)	(B)	
2. Agrostis scabra	<u>20</u>	<u>Y</u>	<u>FAC</u>	Prevalence ind	lex = B/A =	
3				Hydrophytic Vegetation indi	<del></del>	
4				1 <u> </u>	cators.	
5				Dominance Test is >50%		
6				☐ Prevalence Index is ≤3.0 <sup>1</sup>		
7				☐ Morphological Adaptations Remarks or on a se		
8	000/					
	<u>90%</u>	= Total (	over	☐ Problematic Hydrophytic V		
Woody Vine Stratum (Plot size: )				<sup>1</sup> Indicators of hydric soil and w present, unless disturbed or present.		
1				,		
2						
		= Total C	Cover	Hydrophytic vegetation p	oresent? Yes ⊠ No 🗌	
% Bare Ground in Herb Stratum	% Cover of	Biotic Crus	t			
Remarks: Vegetation presumed ephemeral						

		ribe to the				dicator or	confirm the abse	nce of indicators.)			
Depth (inches)	Matrix Color (moist)	%	Color (moist)	Redox Fea %	Type <sub>1</sub>	Loc <sub>2</sub>	— Texture	Remarks			
		, o		, , , , , , , , , , , , , , , , , , ,	Typo	1	Toxicio	Digging impossible			
								2.999			
						-					
1= 0 6		D. J. C.	DM Dadas d				010	Di Dan Kalana M Matria			
	<sup>1</sup> Type: C=Concentration; D=Depletion; RM=Reduced matrix; CS=Covered or Coated Sand Grains. <sup>2</sup> Location: PL=Pore linings; M=Matrix  Hydric Soils Indicators: (Applicable to all LRRs, unless otherwise noted.) Indicators for Problematic Hydric Soils <sup>3</sup> :										
nyuric Soi	iis indicators: (7	Applicable				u.)	indicators	or Problematic Hydric Soils :			
☐ Histoso	I (A1)		☐ Sar	ndy Redox	(S5)		☐ 1 cm Mu	ck (A9) ( <b>LRR C</b> )			
☐ Histic E	pipedon (A2)			ipped Matı			☐ 2 cm Muck (A10) ( <b>LRR B</b> )				
☐ Black H	istic (A3)		☐ Loa	amy Mucky	y Material (F	<del>-</del> 1)	☐ Reduced	•			
☐ Hydroge	en Sulfide (A4)		☐ Loa	amy Gleye	d Matrix (F2	2)	Red Parent Material (TF2)				
☐ Stratifie	d Layers (A5) ( <b>L</b>	RR C)	☐ De <sub>l</sub>	pleted Mat	rix (F3)		☐ Other (Explain in Remarks)				
1 cm Mi	uck (A9) ( <b>LRR D</b>	)	☐ Red	dox Dark S	Surface (F6)	)					
☐ Deplete	d Below Dark Sเ	urface (A11)	☐ De <sub>l</sub>	pleted Dar	k Surface (	F7)					
☐ Thick D	ark Surface (A12	2)	☐ Red	dox Depre	ssions (F8)		31	f hardware hardia are santations and are the santa and are			
☐ Sandy N	Mucky Material (	S1)	☐ Ver	rnal Pools	(F9)			f hydrophytic vegetation and wetland hydrology sent, unless disturbed or problematic.			
☐ Sandy (	Gleyed Matrix (S	4)						, , , , , , , , , , , , , , , , , , ,			
Restrictive	Layer (if present	t):									
Type:							Hydric Soils Pre	sent? Yes ⊠ No □			
Depth (inch	nes):						11,4110 000110	55III. 165 🖾 II.6 🗀			
		dria									
Remarks.	Presumed hyd	anc									
HYDROL	_OGY										
	ydrology Indica			l 414 l							
	dicators (minimur Water (A1)	m or one rec		Salt Crust			Secondary Indicators (2 or more requir ☐ Water Marks (B1) (Riverine)				
	ater Table (A2)			Biotic Crus	` '		Sediment Deposits (B2) (Riverine)				
☐ Saturati	, ,				vertebrates	(B13)	☐ Drift Deposits (Riverine)				
	//arks (B1) ( <b>Nonr</b>	riverine)			Sulfide Odd			☑ Drainage Patterns (B10)			
	nt Deposits (B2)						iving Roots (C3)	☐ Dry-Season Water Table (C2)			
	posits (B3) ( <b>Non</b>	`			of Reduced	•	• , ,	☐ Crayfish Burrows (C8)			
	Soil Cracks (B6				n Reductio			☐ Saturation Visible on Aerial Imagery (C9)			
	ion Visible on Ae				Surface (C		CO113 (CO)	☐ Shallow Aquitard (D3)			
	Stained Leaves (I				olain in Ren	•		FAC-Neutral Test (D5)			
Field Obse	•			Other (EX		Tarks)		The reduction rest (Be)			
	ater Present?	Ye	es 🗌 No 🔲 De	pth (in )							
	e Present?		es 🗌 No 🔲 De			,	Wetland Hydrolog	y Present? Yes ⊠ No □			
Saturation			es 🗌 No 🔲 De								
	apillary fringe)	YE	es 🔲 No 🔲 De	ptn (in.)							
Describe R	ecorded Data (s	tream gaug	e, monitoring w	ell, aerial p	ohotos, prev	ious insp	ections), if available	e:			
Remarks:	Presumed - loca	ated in drain	age swale; sea	sonal hyd	rology presi	umed					

Project/Site: <u>Desert Claim</u>		-	-	ensburg/Kittitas County	Sampling Date: 9-21-17
Applicant/Owner: <u>EDF</u>		Stat	e: <u>WA</u>		Sampling Point: <u>GA-SP-30</u>
Investigator(s): <u>CW, JD Grette Associates</u>				——————————————————————————————————————	<u>9</u> Township: <u>19</u> Range: <u>18</u>
Landform (hillslope, terrace, etc.): hillslope				relief (concave□, convex□, n	
Subregion (LRR): B			Lat: <u>47</u>	7.11732 Long: <u>-120.62549</u>	Datum: <u>NAD83(2011)</u>
Soil Map Name: Sketter-Millhouse-Lablue comple			a., 5	<b>7</b>	NWI Classification:
Are climatic/hydrologic conditions on the site typic			/ear? Yes ⊵		
Are Vegetation □ Soil □, or Hydrology □ signifi Are Vegetation □ Soil □, or Hydrology □ signifi	-		? (If needed	Are "Normal Circumstance d, explain in Remarks)	es" present? Yes 🗵 No 📋
SUMMARY OF FINDINGS – Attach site ma			· ·		portant features, etc.
Hydrophytic vegetation present? Yes	s 🛛 No [				
Hydric soils present? Yes	s 🛛 No [		la tha aan	anlad area within a watland?	Vac M Na 🗆
	s 🛛 No [		is the san	npled area within a wetland?	Yes ⊠ No □
Remarks: R98					
Wetland indicators ephemeral; grazed/trampled	by cattle				
VEGETATION – Use scientific names of p	lants				
	Absolute		nt Indicator	Dominance Test worksheet:	
Tree Stratum (Plot size:30')	% Cover	Species'	Status	Number of Dominant Species	
1				that are OBL, FACW, or FAC:	<u>1 (A)</u>
2				Total Number of Dominant	<del></del>
3				Species Across All Strata:	<u>3 (B)</u>
4				Percent of Dominant Species	<del></del>
		= Total C	Cover	that are OBL, FACW, or FAC:	33 (A/B)
Sapling/Shrub Stratum (Plot size:15')				Prevalence Index worksheet:	
1					
2				Total % Cover of:	Multiply by:
3				OBL species	x 1 =
4				FACW species 20	x 2 = 40
5				FAC species 6	x 3 = 18
		= Total C	Cover	FACU species 50	x 4 = <u>200</u>
Herb Stratum (Plot size:5')				UPL species <u>20</u> Column Totals <u>96</u> (A)	x 5 = 100
1. <u>Poa secunda</u>	<u>50</u>	<u>Y</u>	<u>FACU</u>	Column Totals 90 (A)	<u>358 (</u> B)
2. Agrostis scabra	<u>&lt;1</u>	<u>Y</u>	FAC	Prevalence ind	lov - R/A - >2
3. <u>Lithophragma parviflora</u>	<u>20</u>	<u>Y</u>	<u>NL</u>	Hydrophytic Vegetation indica	<u>—</u>
4. <u>Poa bulbosa</u>	<u>5</u>	<u>N</u>	FAC		iiors.
5. <u>Juncus balticus</u>	<u>20</u>	<u>Y</u>	<u>FACW</u>	☐ Dominance Test is >50%	
6				☐ Prevalence Index is ≤3.0 <sup>1</sup>	
7 8				☐ Morphological Adaptations <sup>1</sup> Remarks or on a sep	
	95%	= Total C	Cover	☑ Problematic Hydrophytic Veg	
Woody Vine Stratum (Plot size: )				<sup>1</sup> Indicators of hydric soil and wet	land hydrology must be
1				present, unless disturbed or prol	olematic.
2					
		= Total C	Cover	Hydrophytic vegetation pre	esent? Yes 🖂 No 🗆
% Bare Ground in Herb Stratum %	Cover of E	Biotic Crus	t	, , , , , , , , , , , , , , , , , , ,	
Remarks: Vegetation presumed ephemeral; cati					
, , , , , , , , , , , , , , , , , , , ,					
İ					

Profile De		ribe to the				icator or	confirm the abser	nce of indicators.)		
Depth (inches)	Matrix Color (moist)	%	Color (moist)	Redox Fea	atures Type1	Loc <sub>2</sub>	 Texture	Remarks		
0-5	10YR 2/2	100	Color (moist)	70	Турет	L002	silt loam	Remarks		
	1011(2/2	100					one loam			
<sup>1</sup> Type: C=C	oncentration: D	-Depletion:	PM-Peduced	matriv: CS	:-Covered or	Coated	Sand Grains 2 Lo	cation: PL=Pore linings; M=Matrix		
Hydric Soi	ils Indicators: (A	Applicable	to all LRRs, ui	nless othe	erwise noted	l.)	Indicators fo	r Problematic Hydric Soils <sup>3</sup> :		
☐ Histoso	l (A1)		☐ Sa	ndy Redox	k (S5)		☐ 1 cm Muc	k (A9) ( <b>LRR C</b> )		
☐ Histic E	pipedon (A2)		☐ Sti	ipped Mat	rix (S6)		2 cm Muc	k (A10) ( <b>LRR B</b> )		
☐ Black H	istic (A3)		☐ Lo	amy Muck	y Material (F	1)	☐ Reduced Vertic (F18)			
☐ Hydroge	en Sulfide (A4)		☐ Lo	amy Gleye	ed Matrix (F2	)	☐ Red Pare	nt Material (TF2)		
☐ Stratifie	d Layers (A5) ( <b>L</b>	RR C)	☐ De	pleted Ma	trix (F3)		Other (Ex	olain in Remarks)		
1 cm M	uck (A9) ( <b>LRR D</b>	)	☐ Re	dox Dark S	Surface (F6)					
□ Deplete	d Below Dark Su	urface (A11)	☐ De	pleted Dai	rk Surface (F	7)				
☐ Thick D	ark Surface (A12	2)	☐ Re	dox Depre	essions (F8)		21	hardwale da a santatan and a sattan dibadala ma		
☐ Sandy I	Mucky Material (	S1)	☐ Ve	rnal Pools	(F9)			hydrophytic vegetation and wetland hydrology ent, unless disturbed or problematic.		
☐ Sandy 0	Gleyed Matrix (S	4)					made 20 proc	on, unloss distances of presionnatio.		
Restrictive	Layer (if present	:):								
		,,-								
Type:	_						Hydric Soils Pres	sent? Yes ⊠ No □		
Depth (inch	nes):									
Remarks:	Presumed pro	blematic h	ydric soils							
HYDROI										
Wetland H	ydrology Indica	itors		II 4h a4 amal				Construction (On the second of		
□ Surface	dicators (minimur Water (A1)	n or one rec		Salt Crust				Secondary Indicators (2 or more required)  Water Marks (B1) (Riverine)		
	ater Table (A2)			Biotic Cru	. ,			☐ Sediment Deposits (B2) ( <b>Riverine</b> )		
☐ Saturati	, ,				vertebrates	(B13)	☐ Drift Deposits (Riverine)			
	/larks (B1) ( <b>Nonr</b>	iverine)		•	Sulfide Odo	, ,		☑ Drainage Patterns (B10)		
	nt Deposits (B2)	,		, ,		` ,	iving Roots (C3)	☐ Dry-Season Water Table (C2)		
	posits (B3) (Non				of Reduced			☐ Crayfish Burrows (C8)		
	Soil Cracks (B6				on Reduction			☐ Saturation Visible on Aerial Imagery (C9)		
	ion Visible on Ae				Surface (C		(00)	☐ Shallow Aquitard (D3)		
	Stained Leaves (I				plain in Rem			FAC-Neutral Test (D5)		
Field Obse		/								
	ater Present?	V	es 🗌 No 🔲 De	onth (in )						
						١,	Wetland Hydrology	r Present? Yes ⊠ No □		
Water Tabl	e Present?		es 🗌 No 🔲 De			Ì	wenana riyarologi	Trosent. Too 🖂 No 🗀		
Saturation		Υe	es 🗌 No 🔲 De	pth (in.) _						
•	apillary fringe)									
Describe R	ecorded Data (s	tream gaug	e, monitoring w	ell, aerial <sub> </sub>	photos, previ	ous insp	ections), if available	:		
Domestee	Conservations	rooms dead	a olto vilali							
кетагка:	Seasonal, not p	resent durin	ig site visit.							

Project/Site: Desert Claim		City	/County: El	lensburg/Kittitas County	Sampling Date: 9-21-17	
Applicant/Owner: EDF		Stat	e: <u>WA</u>		Sampling Point: GA-SP-31	
Investigator(s): <u>CW, JD Grette Associates</u>					<u>30</u> Township: <u>19</u> Range: <u>18</u>	
Landform (hillslope, terrace, etc.): hillslope				relief (concave□, convex□,		
Subregion (LRR): <u>B</u>			Lat: <u>47</u>	: <u>47.11701</u> Long: <u>-120.62535</u> Datum: <u>NAD83(2011)</u>		
Soil Map Name: <u>Sketter-Millhouse-Lablue com</u>				<b>-</b>	NWI Classification:	
Are climatic/hydrologic conditions on the site ty			year? Yes [			
Are Vegetation Soil, or Hydrology sig	-		0.44		ces" present? Yes ⊠ No ☐	
Are Vegetation Soil, or Hydrology sig						
SUMMARY OF FINDINGS – Attach site			pling poi	nt locations, transects, i	mportant features, etc.	
	Yes 🗌 No					
1 -	Yes 🔲 No		Is the sar	npled area within a wetland	l? Yes □ No ⊠	
1	Yes 🗌 No	$\boxtimes$				
Remarks: R96 / R98						
VEGETATION – Use scientific names of	f nlants					
	Absolut	e Dominar		Dominance Test worksheet:		
Tree Stratum (Plot size:30')	% Cove	er Species	? Status	Number of Dominant Species		
1				that are OBL, FACW, or FAC:	<u>0 (A)</u>	
2				Total Number of Dominant		
3			-	Species Across All Strata:	<u>2 (B)</u>	
4				Percent of Dominant Species	===	
		= Total (	Cover	that are OBL, FACW, or FAC:	<u>0 (A/B)</u>	
Sapling/Shrub Stratum (Plot size:15')				Prevalence Index worksheet		
1				Trovalones mask workshoos	•	
2				Total % Cover of:	Multiply by:	
3				OBL species	x 1 =	
4				FACW species	x 2 =	
5				FAC species	x 3 =	
		= Total 0	Cover	FACU species	x 4 =	
Herb Stratum (Plot size:5')				UPL species	x 5 =	
1. Poa secunda	60	V	FACU	Column Totals(A)	(B)	
2. <u>Lomatium nudicaule</u>	<u>60</u> 20	<u>Y</u> <u>Y</u>	UPL			
3. <u>Balsamorhiza hookeri</u>	<u>20</u> 10	<u>-</u> <u>N</u>	NL	Prevalence inc		
4.	<u></u>			Hydrophytic Vegetation indi	cators:	
5				☐ Dominance Test is >50%		
6				☐ Prevalence Index is ≤3.0 <sup>1</sup>		
7				☐ Morphological Adaptations	s <sup>1</sup> (provide supporting data in	
8				Remarks or on a se		
	90%	= Total (	Cover	☐ Problematic Hydrophytic V	egetation1 (explain)	
Woody Vine Stratum (Plot size: )				<sup>1</sup> Indicators of hydric soil and w present, unless disturbed or pr		
1						
2						
		= Total (	Cover	Hydrophytic vegetation p	resent? Yes ∐ No ⊠	
% Bare Ground in Herb Stratum	% Cover of	Biotic Crus	t			
Remarks:						

Depth	Matrix_		<u>F</u>	Redox Fea		icator or	Confirm the absence	,		
(inches)	Color (moist)	%	Color (moist)	%	Type <sub>1</sub>	Loc <sub>2</sub>	Texture	Remarks		
0-3*	10YR 3/2	100					silty stony loam			
						ļ				
Type: C=C	Concentration: D	Denletion:	RM=Reduced r	natrix: CS	-Covered o	r Coated	Sand Grains <sup>2</sup> Loca	tion: PL=Pore linings; M=Matrix		
	ls Indicators: (A	•						Problematic Hydric Soils <sup>3</sup> :		
☐ Histoso	I (A1)		∏ Sar	ndy Redox	(S5)		1 cm Muck (	A9) ( <b>LRR C</b> )		
	pipedon (A2)			pped Matr			2 cm Muck (			
☐ Black H			☐ Loa	my Mucky	/ Material (F	1)	☐ Reduced Ve			
☐ Hydroge	en Sulfide (A4)		☐ Loa	my Gleye	d Matrix (F2	2)	☐ Red Parent I	Material (TF2)		
☐ Stratifie	d Layers (A5) ( <b>L</b>	RR C)	☐ Dep	oleted Mat	rix (F3)		Other (Expla	in in Remarks)		
1 cm M	uck (A9) (LRR D	)	☐ Red	dox Dark S	Surface (F6)					
☐ Deplete	d Below Dark Su	ırface (A11)	☐ Dep	oleted Dar	k Surface (F	7)				
☐ Thick D	ark Surface (A12	2)	☐ Red	dox Depre	ssions (F8)		3la diaptora of by	drank, tie vegetetien and wetland hydrology		
	Mucky Material (S	•	☐ Ver	nal Pools	(F9)			drophytic vegetation and wetland hydrology t, unless disturbed or problematic.		
☐ Sandy (	Gleyed Matrix (S	4)					•	,		
Restrictive	Layer (if present	):								
Туре:	_						Hydric Soils Preser	it? Yes □ No ⊠		
Depth (inch	nes):									
Remarks:	*hardpan/roc*					I				
HYDROI										
	ydrology Indica dicators (minimur		guirod: abaak all	that analy	,		e.	econdary Indicators (2 or more required)		
Surface	Water (A1)	ii oi one iec		Salt Crust				Water Marks (B1) (Riverine)		
☐ High Wa	ater Table (A2)			Biotic Crus	st (B12)		Sediment Deposits (B2) (Riverine)			
☐ Saturati	on (A3)			Aquatic In	vertebrates	(B13)	☐ Drift Deposits (Riverine)			
☐ Water N	Marks (B1) ( <b>Nonr</b>	iverine)		Hydrogen	Sulfide Odo	r (C1)		] Drainage Patterns (B10)		
☐ Sedime	nt Deposits (B2)	(Nonriveri	ne)	Oxidized F	Rhizosphere	s along L	iving Roots (C3)	Dry-Season Water Table (C2)		
☐ Drift De	posits (B3) ( <b>Non</b>	riverine)		Presence	of Reduced	Iron (C4)	)	Crayfish Burrows (C8)		
☐ Surface	Soil Cracks (B6)	)		Recent Iro	n Reduction	in Tilled	Soils (C6)	Saturation Visible on Aerial Imagery (C9)		
☐ Inundati	ion Visible on Ae	rial Imagery	/ (B7)	Thin Muck	Surface (C	7)		] Shallow Aquitard (D3)		
☐ Water-S	Stained Leaves (E	39)		Other (Exp	olain in Rem	arks)		FAC-Neutral Test (D5)		
Field Obse	ervations									
Surface Wa	ater Present?	Υe	es 🗌 No 🔲 De <sub>l</sub>	oth (in.)						
Water Tabl	e Present?	Ye	es 🗌 No 🗌 De <sub>l</sub>	oth (in.)			Wetland Hydrology P	resent? Yes ☐ No ⊠		
Saturation (includes c	Present? apillary fringe)	Υe	es 🗌 No 🗌 De <sub>l</sub>	oth (in.)						
Describe R	ecorded Data (s	tream gaug	e, monitoring we	ell, aerial p	ohotos, prev	ious insp	ections), if available:			
Remarks:	Between wetlan	ds								

Project/Site: Desert Claim		-	-	ensburg/Kittitas County	Sampling Date: 9-21-17						
Applicant/Owner: <u>EDF</u>		Stat	e: <u>WA</u>		Sampling Point: <u>GA-SP-32</u>						
Investigator(s): CW, JD Grette Associates				_	<u>80</u> Township: <u>19</u> Range: <u>18</u>						
Landform (hillslope, terrace, etc.): hillslope				relief (concave□, convex□, n	· · · · · · · · · · · · · · · · · · ·						
Subregion (LRR): <u>B</u>	0.50/		Lat: <u>47</u>	7.11677 Long: <u>-120.62523</u>	Datum: <u>NAD83(2011)</u>						
Soil Map Name: Sketter-Millhouse-Lablue comple			0.1/	7 N 🖂 (# 1 · · · · · · · · · · · · · · · · · ·	NWI Classification:						
Are climatic/hydrologic conditions on the site typi			/ear? Yes ⊵								
Are Vegetation ☐ Soil ☐, or Hydrology ☐ signil Are Vegetation ☐ Soil ☐, or Hydrology ☐ signil	-		:? (If needed		es" present? Yes ⊠ No □						
SUMMARY OF FINDINGS – Attach site ma			•		portant features, etc.						
	s 🗌 No 🛭	_		,	<u> </u>						
	es 🗌 No 🏻		1.41		N N N N						
	s 🗌 No 🛭		is the sam	npled area within a wetland?	Yes ☐ No ⊠						
Remarks: R96											
Within wetland identified by Raedeke but does not make topographical sense - in a high spot.											
└────────────────────────────────────	olants										
	Absolute		nt Indicator	Dominance Test worksheet:							
Tree Stratum (Plot size:30')	% Cover	Species'	? Status	Number of Dominant Species							
1				that are OBL, FACW, or FAC:	<u>0 (A)</u>						
2				Total Number of Dominant	<del>- v y</del>						
3				Species Across All Strata:	<u>3 (B)</u>						
4	<del></del>			Percent of Dominant Species	<u>5 (5)</u>						
		= Total C	Cover	that are OBL, FACW, or FAC:	<u>0 (A/B)</u>						
Sapling/Shrub Stratum (Plot size:15')				Prevalence Index worksheet:							
1											
2				Total % Cover of:	Multiply by:						
3				OBL species	x 1 =						
4				FACW species	x 2 =						
5				FAC species	x 3 =						
		= Total C	Cover	FACU species	x 4 =						
Herb Stratum (Plot size:5')				UPL species(A)	x 5 =						
1. <u>Poa secunda</u>	<u>40</u>	<u>Y</u>	FACU	Column Totals(A)	(B)						
2. Lomatium nudicaule	20	<u>Y</u>	UPL	Brovoloneo indo	v _ D/A _						
3. <u>Lithophragma parviflora</u>	<u>20</u>	<u>Y</u>	<u>NL</u>	Prevalence inde	<del></del>						
4. <u>Centaurea diffusa</u>	<u>10</u>	<u>N</u>	<u>NL</u>	Hydrophytic Vegetation indica	ators:						
5				☐ Dominance Test is >50%							
6				☐ Prevalence Index is ≤3.0 <sup>1</sup>							
7 8		-		☐ Morphological Adaptations <sup>1</sup> Remarks or on a sep	(provide supporting data in						
8	000/	Total (		Problematic Hydrophytic Ve	•						
Woody Vine Stratum (Plot size: )	<u>90%</u>	= Total C	Jovei	<sup>1</sup> Indicators of hydric soil and we	• , , ,						
1				present, unless disturbed or pro							
2											
		= Total C		Hydrophytic vegetation pro	acont? Vac 🗆 Na 🕅						
% Bare Ground in Herb Stratum %	Cover of F			nyurophytic vegetation pro	esent? Tes 🗌 No 🖂						
Remarks:	Cover of E	Siotic Crus	·								
Nomains.											

		ribe to the				icator or	confirm the abser	nce of indicators.)		
Depth (inches)	Matrix Color (moist)	%	Color (moist)	Redox Fea %	tures Type₁	Loc <sub>2</sub>	 Texture	Remarks		
0-10	19YR 2/2	100			T	1	stony loam	Tromano		
-										
						ļ				
Type: C=C	Concentration: D	Depletion:	RM=Reduced r	natrix: CS	=Covered or	Coated	Sand Grains <sup>2</sup> Lo	ocation: PL=Pore linings; M=Matrix		
	Is Indicators: (A							or Problematic Hydric Soils³:		
	,	тррпсавіс				,	_	·		
Histoso	` '			ndy Redox				k (A9) (LRR C)		
	pipedon (A2)			pped Mati			2 cm Muck (A10) (LRR B)			
☐ Black H	` '			-	Material (F		Reduced Vertic (F18)			
	en Sulfide (A4)			-	d Matrix (F2	)	Red Parent Material (TF2)			
	d Layers (A5) (L			oleted Mat			☐ Other (Ex	plain in Remarks)		
	uck (A9) (LRR D	•			Surface (F6)	·=·				
	d Below Dark Su	, ,			k Surface (F	7)				
	ark Surface (A12				ssions (F8)		<sup>3</sup> Indicators of	hydrophytic vegetation and wetland hydrology		
-	Mucky Material (S		□ ver	nal Pools	(F9)			ent, unless disturbed or problematic.		
	Gleyed Matrix (S									
Restrictive	Layer (if present	):								
Type:	_						Hydric Soils Pres	sent? Yes ☐ No ⊠		
Depth (inch	nes):									
Remarks:	Within mappe	d wetland	but not in topo	graphica	I low spot.					
LIVEROL	001									
HYDROI Wetland H	_OGY ydrology Indica	itors								
Primary Inc	licators (minimur							Secondary Indicators (2 or more required)		
	Water (A1)		<del></del>	Salt Crust	` '		☐ Water Marks (B1) (Riverine)			
_	ater Table (A2)			Biotic Crus		(D40)	Sediment Deposits (B2) (Riverine)			
☐ Saturati		· · · · · · · · · · · · · · · · · · ·			vertebrates			Drift Deposits (Riverine)		
	Marks (B1) (Nonr	•			Sulfide Odo		tota a Danta (OO)	☐ Drainage Patterns (B10)		
	nt Deposits (B2)		,		•	-	Living Roots (C3)	☐ Dry-Season Water Table (C2)		
	posits (B3) ( <b>Non</b>				of Reduced	` '		Crayfish Burrows (C8)		
	Soil Cracks (B6				n Reduction		Solis (C6)	☐ Saturation Visible on Aerial Imagery (C9)		
	on Visible on Ae				Surface (C	,		Shallow Aquitard (D3)		
	Stained Leaves (I	39)		otner (Exp	olain in Rem	arks)		FAC-Neutral Test (D5)		
Field Obse		V		oth /! \						
	ater Present?		es 🗌 No 🗌 Dep			Ι,	Wetland Hydrology	y Present? Yes □ No ⊠		
Water Tabl			es 🗌 No 🗌 Dep			'		, · · · · · · · · · · · · · · · · · · ·		
Saturation (includes c	Present? apillary fringe)	Yε	es 🗌 No 🗌 Dep	oth (in.)						
Describe R	ecorded Data (s	tream gaug	e, monitoring we	ell, aerial p	ohotos, previ	ous insp	ections), if available	9:		
Remarks:	Within Padako	delineated w	vetland but doo	s not mak	e tonograph	ical sans	Δ			
Remarks: Within Radeke delineated wetland, but does not make topographical sense.										

Hydric soils present?	States ex, 2-5% slopes pical for this time of nificantly disturbed?	e: <u>WA</u> Local I  Lat: <u>47</u> year? Yes [ c? (If neede	Section: 2 relief (concave ☐, convex ☐, r 7.13017 Long: -120.61832  ☑ No ☐ (If no, explain in Rem Are "Normal Circumstance, explain in Remarks)	Datum: NAD83(2011) NWI Classification: narks) es" present? Yes ☐ No ☒  nportant features, etc.
Remarks: First Creek Wetland Cattle grazing/trampling				
VEGETATION – Use scientific names of	nlants			
VEGETATION – Ose scientific fiames of	Absolute Domina	nt Indicator	Dominance Test worksheet:	
<u>Tree Stratum</u> (Plot size:30')  1  2	% Cover Species		Number of Dominant Species that are OBL, FACW, or FAC:	<u>0 (A)</u>
3 4			Total Number of Dominant Species Across All Strata:	<u>2 (B)</u>
Sapling/Shrub Stratum (Plot size:15')	= Total (	Cover	Percent of Dominant Species that are OBL, FACW, or FAC:  Prevalence Index worksheet:	<u>0 (A/B)</u>
1 2 3 4 5			Total % Cover of:  OBL species  FACW species  FAC species  FACU species  FACU species	Multiply by: x 1 = x 2 = x 3 = x 4 =
Herb Stratum (Plot size:5')  1. Poa secunda  2. Agrostis scabra	= Total 0  40	FACU NL	UPL species (A)  Column Totals (A)	x 5 =(B)
3	<del></del>		Hydrophytic Vegetation indica	ators:
4 5 6			☐ Dominance Test is >50% ☐ Prevalence Index is ≤3.0¹	
7 8			☐ Morphological Adaptations¹ Remarks or on a sep	
	<u>80%</u> = Total 0	Cover	☐ Problematic Hydrophytic Ve	getation <sup>1</sup> (explain)
Woody Vine Stratum (Plot size: ) 1			<sup>1</sup> Indicators of hydric soil and we present, unless disturbed or pro	
2 % Bare Ground in Herb Stratum	= Total ( % Cover of Biotic Crus		Hydrophytic vegetation pro	esent? Yes ⊠ No □
Remarks: Presumed ephemeral hydrophytic			cattle.	

Profile De	scription: (Desc	ribe to the		to docum		licator or	confirm the abse	nce of indicators.)			
(inches)	Color (moist)	%	Color (moist)	%	Type <sub>1</sub>	Loc <sub>2</sub>		Remarks			
0-4	10YR 3/2	100		<u> </u>	Ī		stony loam	hardpan			
-											
<sup>1</sup> Type: C=0	i Concentration; D:	i =Depletion;	RM=Reduced r	i matrix; CS	Covered o	r Coated	Sand Grains. <sup>2</sup> Lo	ocation: PL=Pore linings; M=Matrix			
Hydric So	ils Indicators: (A	Applicable	to all LRRs, un	less othe	rwise note	d.)	Indicators fo	or Problematic Hydric Soils³:			
☐ Histoso	I (A1)		∏ Sai	ndy Redox	(S5)		☐ 1 cm Muc	ck (A9) (LRR C)			
☐ Histic Epipedon (A2) ☐ Stripped Matrix (S6)								ck (A10) (LRR B)			
☐ Black H					y Material (F	<del>-</del> 1)					
	en Sulfide (A4)				d Matrix (F2		☐ Reduced Vertic (F18) ☐ Red Parent Material (TF2)				
	d Layers (A5) ( <b>L</b>	RR C)		pleted Mat		-/	☐ Red Farent Material (1F2)  ☐ Other (Explain in Remarks)				
	uck (A9) ( <b>LRR D</b>				Surface (F6)	١	Sure (Explain in Contains)				
	ed Below Dark Su		_		k Surface (I						
	ark Surface (A12	` ,			ssions (F8)	1)					
	Mucky Material (	,		nal Pools	. ,			f hydrophytic vegetation and wetland hydrology			
	Gleyed Matrix (S			11011 0010	(1 0)		must be pres	sent, unless disturbed or problematic.			
Restrictive	Layer (if present	:):									
Type:	<u></u>						Hydric Soils Pre	sent? Yes ⊠ No □			
Depth (incl	nes):						Tryuno constric	56III. 165 🖾 IIO 🗀			
Remarks: Presumed problematic hydric soil											
HYDROI											
	lydrology Indica			l 414 l				Constitution (2 or many assistant)			
	<u>dicators (minimur</u> : Water (A1)	n or one rec		Salt Crust				Secondary Indicators (2 or more required)  Water Marks (B1) (Riverine)			
	ater Table (A2)			Biotic Crus	` '			Sediment Deposits (B2) (Riverine)			
☐ Saturati					vertebrates	(B13)	☐ Drift Deposits (Riverine)				
	Marks (B1) ( <b>Nonr</b>	iverine)		•	Sulfide Odd	. ,		☑ Drainage Patterns (B10)			
	nt Deposits (B2)			-			iving Roots (C3)	☐ Dry-Season Water Table (C2)			
	posits (B3) (Non	`	, <u> </u>		of Reduced	-	-	☐ Crayfish Burrows (C8)			
	Soil Cracks (B6)				n Reduction			☐ Saturation Visible on Aerial Imagery (C9)			
	ion Visible on Ae				Surface (C		1 00110 (00)	☐ Shallow Aquitard (D3)			
_	Stained Leaves (I	,	. , —		olain in Rem			FAC-Neutral Test (D5)			
Field Obse	•			Other (EX		larko)					
	ater Present?	Υe	es 🗌 No 🔲 De	pth (in.)							
Water Tab	le Present?		es 🗌 No 🔲 De			,	Wetland Hydrolog	y Present? Yes ⊠ No □			
	Saturation Present? Yes No Depth (in.)										
Describe R	Recorded Data (s	tream gaug	e, monitoring w	ell, aerial p	ohotos, prev	ious insp	ections), if available	e:			
Remarks: Within Radeke delineated wetland, but does not make topographical sense.											

Hydrophytic vegetation present? Hydric soils present?	ypical for thi gnificantly di gnificantly p	Stat	Local Lat: 47  year? Yes [ 47  17  17  18  19  20  21  22  23  24  25  26  27  27  28  29  20  20  20  20  20  20  20  20  20	Are "Normal Circumstances" present? Yes ⊠ No □
VEGETATION – Use scientific names o	f nlante			
VEGETATION – Ose scientific fiames o		e Dominar	nt Indicator	Dominance Test worksheet:
Tree Stratum (Plot size:30')  1		Species		Number of Dominant Species that are OBL, FACW, or FAC:  0 (A)
2 3 4				Total Number of Dominant Species Across All Strata: 3 (B)
Sapling/Shrub Stratum (Plot size:15')		= Total (	Cover	Percent of Dominant Species that are OBL, FACW, or FAC:  O (A/B)  Prevalence Index worksheet:
				Prevalence index worksneet.
1				Total % Cover of: Multiply by:
2				OBL species x1 =
4				FACW species x 2 =
5				FAC species x 3 =
		= Total C	Cover	FACU species x 4 =
Herb Stratum (Plot size:5')				UPL species x 5 =
1. <u>Poa secunda</u>	<u>30</u>	<u>Y</u>	<u>FACU</u>	Column Totals(A)(B)
2. <u>Agoseris glauca</u>	<u>30</u> 20	<u> </u>	FACU	
3. Lithophragma parviflora	<u>20</u> 20	<u> </u>	NL	Prevalence index = B/A =
4.	<u>20</u>	<u> </u>	INL	Hydrophytic Vegetation indicators:
5				☐ Dominance Test is >50%
6				☐ Prevalence Index is ≤3.0 <sup>1</sup>
7				
8.				☐ Morphological Adaptations¹ (provide supporting data in Remarks or on a separate sheet)
0	70%	= Total C	Cover	☐ Problematic Hydrophytic Vegetation¹ (explain)
Woody Vine Stratum (Plot size: )				Indicators of hydric soil and wetland hydrology must be
1				present, unless disturbed or problematic.
2				
		= Total 0	Cover	Hydrophytic vegetation present? Yes ☐ No ☒
0/ David Crayyard in Llank Chartura	0/ 0			Tryanophryna rogenanen presentri 100 🗀 110 🖂
% Bare Ground in Herb Stratum	% Cover of	DIULIC GRUS	ι	
Remarks: P				

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth	Matrix_			Redox Fea						
(inches)	Color (moist)	%	Color (moist)	%	Type₁	Loc <sub>2</sub>	Texture	Remarks		
0-17	10YR 3/2	100					silt loam			
-										
		ļ			ļ	ļ				
		ļ				<b>-</b>				
		<u> </u>			<b> </b>	<u> </u>				
		<u> </u>			<b>†</b>	<b>†</b>				
<sup>1</sup> Type: C=0	Concentration; D	=Depletion;	RM=Reduced r	natrix; CS	=Covered o	r Coated	Sand Grains. <sup>2</sup> Lo	ocation: PL=Pore linings; M=Ma	trix	
Hydric Soi	ils Indicators: (A	Applicable	to all LRRs. un	less othe	rwise noted	d.)	Indicators fo	or Problematic Hydric Soils <sup>3</sup> :		
	·					,		•		
Histoso	` '			ndy Redox				k (A9) ( <b>LRR C</b> )		
	pipedon (A2)		∐ Stri	pped Mat	rix (S6)			k (A10) ( <b>LRR B</b> )		
☐ Black H	istic (A3)		☐ Loa	my Muck	y Material (F	1)	☐ Reduced	Vertic (F18)		
☐ Hydroge	en Sulfide (A4)		☐ Loa	my Gleye	ed Matrix (F2	2)	☐ Red Pare	nt Material (TF2)		
☐ Stratifie	d Layers (A5) ( <b>L</b> l	RR C)	☐ De <sub>l</sub>	oleted Mat	trix (F3)		Other (Explain in Remarks)			
☐ 1 cm M	uck (A9) (LRR D	)	☐ Red	dox Dark S	Surface (F6)					
☐ Deplete	d Below Dark Su	urface (A11)	☐ De <sub>l</sub>	oleted Dar	rk Surface (F	7)				
☐ Thick D	ark Surface (A12	2)	☐ Red	dox Depre	ssions (F8)					
☐ Sandy I	Mucky Material (S	S1)	☐ Ver	nal Pools	(F9)			hydrophytic vegetation and we ent, unless disturbed or probler		
-	Gleyed Matrix (S						must be pres	ent, unless disturbed or probler	nade.	
-	,						1			
Restrictive	Layer (if present	:):								
Туре:	<u> </u>						Hydric Soils Pres	sent? Yes 🗌 No 🖂		
Depth (inch	nes):									
Remarks:										
rtomanto.										
HADBOI	OCV									
HYDROI Wetland H	ydrology Indica	itore								
	dicators (minimur		uired: check al	that appl	V			Secondary Indicators (2 or mo	re required)	
	Water (A1)			Salt Crust				☐ Water Marks (B1) (Riverin	e)	
☐ High Wa	ater Table (A2)			Biotic Cru	st (B12)			☐ Sediment Deposits (B2) (R	iverine)	
☐ Saturati	on (A3)			Aquatic In	vertebrates	(B13)	☐ Drift Deposits (Riverine)			
☐ Water N	Marks (B1) (Nonr	iverine)		Hydrogen	Sulfide Odo	r (C1)				
	nt Deposits (B2)		ne)	Oxidized F	Rhizosphere	s along I	iving Roots (C3)	☐ Dry-Season Water Table (0	C2)	
	posits (B3) (Non				of Reduced	-	• , ,	☐ Crayfish Burrows (C8)	,	
	Soil Cracks (B6)	•	<del></del>		n Reduction	,	,	☐ Saturation Visible on Aeria	Imagery (C9)	
	ion Visible on Ae				Surface (C		(00)	☐ Shallow Aguitard (D3)		
	Stained Leaves (E		` '		plain in Rem	,		FAC-Neutral Test (D5)		
				CUICI (LX	piani ni Nelli	uino)		LI AO NOULAI 1631 (DJ)		
Field Obse	ervations									
Surface Wa	ater Present?	Υe	es 🗌 No 🗌 De	oth (in.) _						
Water Tabl	e Present?	Υe	es 🗌 No 🔲 De	oth (in.) _			Wetland Hydrology	y Present? Yes ☐ No 🏻		
Saturation	Present?	Υe	es 🗌 No 🔲 De	oth (in.)						
	apillary fringe)		_ <b>-</b>	/ _						
Describe R	ecorded Data (s	tream gauge	e, monitoring w	ell, aerial ı	photos, prev	ious insp	ections), if available	):		
	`		J	•	• • •	·	•			
Remarks:										
L										

Project/Site: <u>Desert Claim</u>		City	/County: Ell	ensburg/Kittitas County	Sampling Date: 9-27-17
Applicant/Owner: <u>EDF</u>		Stat	e: <u>WA</u>		Sampling Point: GA-SP-35
Investigator(s): CW, JD Grette Associates				·	<u>20</u> Township: <u>19</u> Range: <u>18</u>
Landform (hillslope, terrace, etc.): slight draw				relief (concave⊠, convex⊡, n	
Subregion (LRR): <u>B</u>			Lat: <u>47</u>	7.12203 Long: <u>-120.61888</u>	Datum: NAD83(2011)
Soil Map Name: Reeser-Reelow-Sketter complex			_		NWI Classification:
Are climatic/hydrologic conditions on the site typic			year?Yes 🛭		
Are Vegetation ☐ Soil ☐, or Hydrology ☐ signif	-		0.44		es" present? Yes ⊠ No □
Are Vegetation ☐ Soil ☐, or Hydrology ☐ signif	• •		,	,	
SUMMARY OF FINDINGS – Attach site ma			pling poi	nt locations, transects, im	portant features, etc.
	s 🛛 No [				
	s 🛛 No [		Is the san	npled area within a wetland?	Yes ⊠ No □
	s 🛛 No [			•	
Remarks: R27					
	lauta				
VEGETATION – Use scientific names of p		Dominar	nt Indicator	Dominance Test worksheet:	
Tree Stratum (Plot size:30')		Species'			
1				Number of Dominant Species that are OBL, FACW, or FAC:	0 (4)
2.					<u>2 (A)</u>
3				Total Number of Dominant	o (D)
4				Species Across All Strata:	<u>3 (B)</u>
		= Total C	Cover	Percent of Dominant Species	OT (A/D)
Sapling/Shrub Stratum (Plot size:15')				that are OBL, FACW, or FAC:	67 (A/B)
				Prevalence Index worksheet:	
1 2				Total % Cover of:	Multiply by:
3				OBL species	x 1 =
4				FACW species	x 2 =
5				FAC species	x 3 =
		= Total 0	Cover	FACU species	x 4 =
Horb Stratum (Diot oizo:5')				UPL species	x 5 =
Herb Stratum (Plot size:5')				Column Totals (A)	(B)
1. Poa secunda	<u>20</u>	<u>Y</u>	FACU FACU		
Juncus balticus     Festuca occidentalis	<u>60</u>	<u>Y</u>	FACW	Prevalence inde	x = B/A =
restuca occidentalis     Iris missouriensis	<u>10</u> 20	<u>N</u> Y	<u>NL</u> FACW	Hydrophytic Vegetation indica	ators:
5	<u>20</u>	<u></u>	TACW	☐ Dominance Test is >50%	
6				☐ Prevalence Index is ≤3.0 <sup>1</sup>	
7				☐ Morphological Adaptations¹	(provide supporting data in
8				Remarks or on a sep	
	100%	= Total 0	Cover	Problematic Hydrophytic Ve	getation <sup>1</sup> (explain)
Woody Vine Stratum (Plot size: )				<sup>1</sup> Indicators of hydric soil and we	,
				present, unless disturbed or pro	
1		-			
				Under which is a set offer we	
		= Total (		Hydrophytic vegetation pro	esent? Yes 🖂 No 📋
	Cover of E	Biotic Crus	t		
Remarks:					

	Profile Description: (Describe to the depth needed to document the indicator or Depth Matrix Redox Features				confirm the abse	nce of indicators.)			
Depth (inches)	Matrix Color (moist)	%	Color (moist)	%	Type <sub>1</sub>	Loc <sub>2</sub>	— Texture	Remarks	
0-3	10YR 3/2	98	7.5YR 4/4	2	I		loam		
3-10	10YR 3/l2	100						hardpan cobble	
<sup>1</sup> Type: C=C	Concentration; D	=Depletion;	i RM=Reduced r	natrix; CS	=Covered o	r Coated	Sand Grains. <sup>2</sup> Lo	ocation: PL=Pore linings; M=Matrix	
Hydric Soi	Is Indicators: (/	Applicable	to all LRRs, un	less othe	rwise note	d.)	Indicators fo	or Problematic Hydric Soils <sup>3</sup> :	
☐ Histoso	(A1)		☐ Sar	ndy Redox	(S5)		1 cm Muc	ck (A9) (LRR C)	
☐ Histic Epipedon (A2) ☐ Stripped Matrix (S6)								ck (A10) (LRR B)	
 ☐ Black H					y Material (F	<del>-</del> 1)	☐ Reduced		
	en Sulfide (A4)				ed Matrix (F2			ent Material (TF2)	
	d Layers (A5) ( <b>L</b>	RR C)		oleted Ma		,	· <del></del>	cplain in Remarks)	
	uck (A9) (LRR D				Surface (F6)	)	_	, , ,	
	d Below Dark Su	•	<del></del>		k Surface (I	·			
	ark Surface (A12	, ,			ssions (F8)	,			
	Mucky Material (	,		nal Pools	, ,			f hydrophytic vegetation and wetland hydrology	
	Gleyed Matrix (S	•			( - /		must be pres	sent, unless disturbed or problematic.	
Restrictive	Layer (if present	t):							
Type:							Hudria Saila Bra	cent2 Vec M No 🗆	
Depth (inch	<del></del>						nyaric Solis Pre	sent? Yes ⊠ No □	
Remarks:	Presumed								
HYDROL									
	ydrology Indica dicators (minimu		quired: check al	l that anni	v			Secondary Indicators (2 or more required)	
Surface	Water (A1)	ii oi one rec		Salt Crust			Secondary Indicators (2 or more required Water Marks (B1) (Riverine)		
	ater Table (A2)			Biotic Cru	, ,		Sediment Deposits (B2) (Riverine)		
☐ Saturati					vertebrates	(B13)		☐ Drift Deposits (Riverine)	
	farks (B1) ( <b>Non</b> i	riverine)	<del></del>	•	Sulfide Odd	` '		☑ Drainage Patterns (B10)	
	nt Deposits (B2)		<del></del>	, ,		` ,	iving Roots (C3)	☐ Dry-Season Water Table (C2)	
	posits (B3) ( <b>Non</b>				of Reduced	-	-	☐ Crayfish Burrows (C8)	
	Soil Cracks (B6				n Reduction			☐ Saturation Visible on Aerial Imagery (C9)	
	on Visible on Ae				Surface (C		(00)	☐ Shallow Aquitard (D3)	
	Stained Leaves (				plain in Rem			☐ FAC-Neutral Test (D5)	
Field Obse			<u></u>			<u> </u>		<u> </u>	
	ater Present?	Υe	es 🗌 No 🔲 De	oth (in.)					
Water Tabl			es 🗌 No 🔲 De			,	Wetland Hydrolog	y Present? Yes ⊠ No □	
Saturation	Dresent?		es 🗌 No 🗌 De						
	apillary fringe)	16		pui (iii.) <u> </u>					
Describe R	ecorded Data (s	tream gaug	e, monitoring w	ell, aerial <sub>l</sub>	photos, prev	ious insp	ections), if available	э:	
Remarks:									
Acmand.									

Hydric soils present?	pical for thi nificantly di nificantly pr	opes s time of y sturbed? oblemation ing sam	e: <u>WA</u> Local r Lat: <u>47</u> year? Yes [2 c? (If needed	Section: <u>2</u> relief (concave ☐, convex ☐, n 7.12214 Long: <u>-120.61881</u> ☑ No ☐ (If no, explain in Rem Are "Normal Circumstance d, explain in Remarks)	Datum: NAD83(2011) NWI Classification: arks) es" present? Yes ⊠ No □  portant features, etc.
VECETATION. Her asigntific names of	nlanta				
VEGETATION – Use scientific names of	•	Dominar	nt Indicator	Dominance Test worksheet:	
Tree Stratum (Plot size:30')  1		Species	nt Indicator ? <u>Status</u>	Number of Dominant Species that are OBL, FACW, or FAC:	<u>0 (A)</u>
2 3 4				Total Number of Dominant Species Across All Strata:	<u>3 (B)</u>
Sapling/Shrub Stratum (Plot size:15')		= Total (	Cover	Percent of Dominant Species that are OBL, FACW, or FAC:	<u>0 (A/B)</u>
				Prevalence Index worksheet:	
1				Total 9/ Cayor of	Multiply by
2				Total % Cover of:	Multiply by:
3				OBL species	x 1 =
4				FACW species	x 2 =
5				FAC species	x 3 =
		= Total (	Cover	FACU species	x 4 =
Herb Stratum (Plot size:5')				UPL species	x 5 =
				Column Totals(A)	(B)
1. <u>Agropyron cristatum</u>	<u>40</u>	<u>Y</u>	<u>NL</u>		
2. <u>Cichorium intybus</u>	<u>20</u>	<u>Y</u>	<u>FACU</u>	Prevalence inde	x = B/A =
3. <u>Festuca occidentalis</u>	<u>30</u>	<u>N</u>	<u>NL</u>	Hydrophytic Vegetation indica	ators:
4. <u>Tragopogon dubius</u>	<u>10</u>	<u>N</u>	<u>NL</u>		
5				☐ Dominance Test is >50%	
6				☐ Prevalence Index is ≤3.0 <sup>1</sup>	
7 8				☐ Morphological Adaptations¹ Remarks or on a sep	
	100%	= Total (	Cover	☐ Problematic Hydrophytic Ve	getation <sup>1</sup> (explain)
Woody Vine Stratum (Plot size: ) 1				<sup>1</sup> Indicators of hydric soil and wet present, unless disturbed or prol	tland hydrology must be
2					
<u></u>		= Total (	Cover	Hydrophytic vegetation pre	esent? Yes ☐ No ⊠
% Bare Ground in Herb Stratum	% Cover of I	Biotic Crus	t		
Remarks:					

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth	Matrix_		<u>F</u>	Redox Fea							
(inches)	Color (moist)	%	Color (moist)	%	Type₁	Loc <sub>2</sub>	Texture	Remarks			
0-15	10YR 2/2	100									
						·					
<sup>1</sup> Typo: C=C	Concentration; D:	-Doplotion:	DM_Doduced r	notriv: CC	-Covered or	r Contod	Sand Crains 21	ocation: PL=Pore linings;	NA_Notriv		
,,		•						<b>3</b> .			
Hydric Soi	ils Indicators: (A	Applicable 1	to all LRRs, un	less othe	rwise noted	d.)	Indicators f	or Problematic Hydric S	ioils³:		
☐ Histoso	I (A1)		□ Sar	ndy Redox	(S5)		□ 1 cm Mu	ck (A9) ( <b>LRR C</b> )			
	pipedon (A2)			pped Mati				ck (A10) ( <b>LRR B</b> )			
☐ Black H					/ Material (F	1)	Reduced Vertic (F18)				
	en Sulfide (A4)			-	d Matrix (F2		Red Parent Material (TF2)				
	d Layers (A5) ( <b>L</b>	RR C)		oleted Mat		,		xplain in Remarks)			
	uck (A9) ( <b>LRR D</b>				Surface (F6)			xpiair iir rtomantoj			
	d Below Dark Su		<del></del>		k Surface (F						
-	ark Surface (A12	, ,			ssions (F8)	',					
	Mucky Material (	,		nal Pools				of hydrophytic vegetation a			
-	Gleyed Matrix (S			nai i oois	(1 3)		must be pre	sent, unless disturbed or	problematic.		
	Sieyeu Matrix (S	+)									
Restrictive	Layer (if present	:):									
Type:	_						Hydric Soils Pre	esent? Yes 🗌 No 🛛			
Depth (inch	nes):						,				
Remarks:	,										
ixemaiks.											
HVDDOI	OCV										
HYDROI Wetland H	_OG f lydrology Indica	toro							_		
	dicators (minimur		guired: check al	I that appl	V			Secondary Indicators (2	2 or more required)		
Surface	Water (A1)			Salt Crust	(B11)		☐ Water Marks (B1) (Riverine)				
☐ High W	ater Table (A2)			Biotic Crus	st (B12)		☐ Sediment Deposits (B2) (Riverine)				
☐ Saturati	on (A3)			Aquatic In	vertebrates	(B13)	☐ Drift Deposits (Riverine)				
☐ Water N	Marks (B1) ( <b>Nonr</b>	riverine)		Hydrogen	Sulfide Odo	r (C1)	Drainage Patterns (B10)				
☐ Sedime	nt Deposits (B2)	(Nonriveri	ne)	Oxidized F	Rhizosphere	s along L	ng Living Roots (C3) Dry-Season Water Table (C2)				
☐ Drift De	posits (B3) (Non	riverine)		Presence	of Reduced	Iron (C4)	)	☐ Crayfish Burrows (C	8)		
☐ Surface	Soil Cracks (B6	)		Recent Irc	n Reduction	in Tilled	Soils (C6)	☐ Saturation Visible or	n Aerial Imagery (C9)		
☐ Inundat	ion Visible on Ae	rial Imagery	/ (B7)	Thin Muck	Surface (C	7)		☐ Shallow Aquitard (D	3)		
☐ Water-S	Stained Leaves (I	B9)	` '		olain in Rem	,		☐ FAC-Neutral Test (□	05)		
Field Obse	ervations							<u> </u>			
Surface Wa	ater Present?	Ve	es 🗌 No 🗌 De	oth (in )							
	e Present?		es 🗌 No 🔲 De			,	Wetland Hydrolog	ıy Present? Yes ☐ No 🏻	⊲		
							, , , ,	.,	_		
Saturation (includes c	Present? apillary fringe)	Yε	es 🗌 No 🔲 De	oth (in.)							
Describe R	ecorded Data (s	tream gauge	e, monitoring w	ell, aerial p	ohotos, prev	ious insp	ections), if availabl	e:			
Remarks:											

Hydrophytic vegetation present? Hydric soils present?	pical for this nificantly dis nificantly pro	States St	Are "Normal Circumstances" present? Yes ⊠ No □				
└────────────────────────────────────	plants						
Tree Stratum (Plot size:30')         1         2         3         4         Sapling/Shrub Stratum (Plot size:15')         1         2         3         4         5         Herb Stratum (Plot size:5')         1. Agropyron spicatum         2. Achillea millefolium         3. Elymus repens	Absolute % Cover	= Total C  Y N Y N Y	Cover  NL FACU FAC	Dominance Test worksheet:           Number of Dominant Species that are OBL, FACW, or FAC:         1 (A)           Total Number of Dominant Species Across All Strata:         3 (B)           Percent of Dominant Species that are OBL, FACW, or FAC:         33 (A/B)           Prevalence Index worksheet:         Multiply by:           OBL species         x 1 =           FACW species         x 2 =           FAC species         x 3 =           FACU species         x 4 =           UPL species         x 5 =           Column Totals         (A)           Hydrophytic Vegetation indicators:			
4. <u>Tragopogon dubius</u> 5 6 7 8	<u>20</u> 	<u>N</u>	NL	<ul> <li>□ Dominance Test is &gt;50%</li> <li>□ Prevalence Index is ≤3.0¹</li> <li>□ Morphological Adaptations¹ (provide supporting data in Remarks or on a separate sheet)</li> <li>□ Problematic Hydrophytic Vegetation¹ (explain)</li> </ul>			
Woody Vine Stratum (Plot size: )				<sup>1</sup> Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.			
1 2 <u>% Bare Ground in Herb Stratum</u> Remarks:		= Total (		Hydrophytic vegetation present? Yes ☐ No ⊠			
. remaine.							

		ribe to the	depth need			cator or	confirm the absen	ce of indicators.)		
Depth (inches)	Matrix Color (moist)	%	Color (moi	Redox Fea st) %	Type <sub>1</sub>	Loc <sub>2</sub>	 Texture	Remarks		
0-13	10YR 3/2	100		7.	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		- containe			
1= 0.0										
Type: C=C	Concentration; D	=Depletion;	RM=Reduc	ed matrix; CS	=Covered or	Coated	Sand Grains. Lo	cation: PL=Pore linings; M=Matrix		
Hydric Soi	Is Indicators: (/	Applicable	to all LRRs	, unless othe	rwise noted	l.)	Indicators fo	r Problematic Hydric Soils³:		
☐ Histoso	I (A1)			Sandy Redox	(S5)		☐ 1 cm Mucl	k (A9) ( <b>LRR C</b> )		
☐ Histic E	pipedon (A2)			Stripped Matr			☐ 2 cm Mucl	k (A10) (LRR B)		
☐ Black H				Loamy Mucky		1)	☐ Reduced Vertic (F18)			
	en Sulfide (A4)			Loamy Gleye				nt Material (TF2)		
	d Layers (A5) ( <b>L</b>	RR C)		Depleted Mat		•		plain in Remarks)		
	uck (A9) (LRR D			Redox Dark S			_ ` '	,		
	d Below Dark Su			Depleted Dar	, ,	7)				
	ark Surface (A12	` ,		Redox Depre		,				
	Mucky Material (	,		Vernal Pools				hydrophytic vegetation and wetland hydrology		
-	Gleyed Matrix (S		_		(* -)		must be prese	ent, unless disturbed or problematic.		
	Layer (if present	():								
Type:	_						Hydric Soils Pres	sent? Yes □ No ⊠		
Depth (inch	nes):									
Remarks:										
HYDROI										
Wetland H	ydrology Indica dicators (minimu	ators	nuirod: oboo	k all that apply	.,			Secondary Indicators (2 or more required)		
Surface	Water (A1)	ili di dile let		Salt Crust				☐ Water Marks (B1) (Riverine)		
	ater Table (A2)			☐ Biotic Crus	` '		Sediment Deposits (B2) (Riverine)			
☐ Saturati	, ,			☐ Aquatic In	. ,	B13)	☐ Drift Deposits (Riverine)			
	/larks (B1) ( <b>Non</b> i	riverine)		Hydrogen			☐ Drainage Patterns (B10)			
	nt Deposits (B2)					. ,	iving Roots (C3)	☐ Dry-Season Water Table (C2)		
	posits (B3) ( <b>Non</b>			☐ Presence	•	_	. ,	☐ Crayfish Burrows (C8)		
	Soil Cracks (B6			☐ Recent Iro		, ,		☐ Saturation Visible on Aerial Imagery (C9)		
	ion Visible on Ae			☐ Thin Muck			Collo (CO)	☐ Shallow Aquitard (D3)		
	Stained Leaves (		. ,	Other (Exp	`	,		FAC-Neutral Test (D5)		
Field Obse						1		- The Heatital Test (20)		
				<b>5</b> 4 (1 )						
	ater Present?			Depth (in.)		١,	Wotland Hydrology	Present? Yes ☐ No ⊠		
Water Tabl	e Present?			Depth (in.)			welland Hydrology	Flesent: les 🗆 No 🖂		
Saturation (includes c	Present? apillary fringe)	Υe	es 🗌 No 🗌	Depth (in.)						
Describe R	ecorded Data (s	tream gaug	e, monitorin	g well, aerial p	ohotos, previ	ous insp	ections), if available	:		
Remarks:										

Project/Site: <u>Desert Claim</u>		-	-	ensburg/Kittitas County	Sampling Date: 9-27-17				
Applicant/Owner: <u>EDF</u>		Sta	te: <u>WA</u>		Sampling Point: GA-SP-38				
Investigator(s): <u>CW, JD Grette Associates</u>				_	2 <u>0</u> Township: <u>19</u> Range: <u>18</u>				
Landform (hillslope, terrace, etc.): swale				relief (concave⊠, convex⊡, r	· · · · · · · · · · · · · · · · · · ·				
Subregion (LRR): B			Lat: <u>47</u>	7.12215 Long: <u>-120.61647</u>	Datum: <u>NAD83(2011)</u>				
Soil Map Name: Reeser-Reelow-Sketter complex				<b>7</b>	NWI Classification:				
Are climatic/hydrologic conditions on the site typic									
Are Vegetation Soil , or Hydrology signif	-				es" present? Yes ⊠ No □				
Are Vegetation ☐ Soil ☐, or Hydrology ☐ signif			•	,					
SUMMARY OF FINDINGS – Attach site ma			npling poi	nt locations, transects, im	portant features, etc.				
, , , , , ,	s 🛛 No [								
	s 🛛 No [		Is the san	Is the sampled area within a wetland? Yes ⊠ No □					
	s 🛛 No [								
Remarks: First Creek Wetland									
- VEGETATION – Use scientific names of p	lants				_				
	Absolute		nt Indicator	Dominance Test worksheet:					
Tree Stratum (Plot size:30')	% Cover	Species	s? Status	Number of Dominant Species					
1				that are OBL, FACW, or FAC:	<u>5 (A)</u>				
2				Total Number of Dominant	<del>- 1</del>				
3				Species Across All Strata:	<u>5 (B)</u>				
4				Percent of Dominant Species	<u>- (=)</u>				
		= Total	Cover	that are OBL, FACW, or FAC:	100 (A/B)				
Sapling/Shrub Stratum (Plot size:15')				Prevalence Index worksheet:	<u>100 (142)</u>				
1. Rosa nutkana	<u>10</u>	<u>Y</u>	FAC	Trevalence mack worksheet.					
2. <u>Crataegus douglasii</u>	10	<u>Y</u>	FAC	Total % Cover of:	Multiply by:				
3				OBL species	x 1 =				
4				FACW species	x 2 =				
5				FAC species	x 3 =				
	20%	= Total	Cover	FACU species	x 4 =				
Herb Stratum (Plot size:5')				UPL species	x 5 =				
1. Juncus balticus	<u>40</u>	<u>Y</u>	FACW	Column Totals(A)	(B)				
2. <u>Juncus effusus</u>	40 40	<u>'</u> <u>Y</u>	FACW						
3. Iris missouriensis	<del>20</del>	Y	FACW	Prevalence inde					
4	<u>=v</u>	<del>-</del>		Hydrophytic Vegetation indica	ators:				
5				☐ Dominance Test is >50%					
6.				☐ Prevalence Index is ≤3.0 <sup>1</sup>					
7				☐ Morphological Adaptations¹	(provide supporting data in				
8				Remarks or on a sep					
	100%	= Total	Cover	☐ Problematic Hydrophytic Ve	getation <sup>1</sup> (explain)				
Woody Vine Stratum (Plot size: )				<sup>1</sup> Indicators of hydric soil and we					
1				present, unless disturbed or pro	blematic.				
2									
		= Total	Cover	Hydrophytic vegetation pro	esent? Yes ⊠ No □				
% Bare Ground in Herb Stratum %	Cover of E			injuropinjuro regetameni pri					
Remarks:	Cover or L	Siotic Ciu.	St						
Remarks.									

Profile Des	scription: (Desc	ribe to the	depth needed	to docun	nent the inc	dicator or	r confirm the abser	nce of indicators.)			
Depth (inches)	Matrix Color (moist)	%	Color (moist)	Redox Fea %	atures Type1	Loc <sub>2</sub>	— Texture	Remarks			
0-10	10YR 3/2	85	7.5YR 4/4	15	C	M	silt loam	Remarks			
hardpan	1011(0/2	00	7.011( 4/4	10		101	Oilt IOGITI				
<sup>1</sup> Type: C=C	Concentration; D	Depletion;	RM=Reduced i	i matrix; CS	=Covered o	or Coated	Sand Grains. <sup>2</sup> Lo	ocation: PL=Pore linings; M=Matrix			
• •	ls Indicators: (A							or Problematic Hydric Soils <sup>3</sup> :			
☐ Histoso	I (A1)		∏ Sai	ndy Redox	x (S5)		☐ 1 cm Muc	ek (A9) (LRR C)			
☐ Histic Epipedon (A2) ☐ Stripped Matrix (S6)							☐ 2 cm Muck (A10) (LRR B)				
☐ Black H					y Material (F	F1)	Reduced Vertic (F18)				
	en Sulfide (A4)			-	ed Matrix (F2			nt Material (TF2)			
	d Layers (A5) (L	RR C)		pleted Ma			☐ Other (Explain in Remarks)				
1 cm M	uck (A9) (LRR D	))			Surface (F6)	)					
☐ Deplete	d Below Dark Su	urface (A11)	De □	pleted Da	rk Surface (	F7)					
☐ Thick D	ark Surface (A12	2)	☐ Re	dox Depre	essions (F8)						
☐ Sandy N	Mucky Material (	S1)	☐ Ve	rnal Pools	(F9)			f hydrophytic vegetation and wetland hydrology sent, unless disturbed or problematic.			
☐ Sandy 0	Gleyed Matrix (S	4)					must be pres	orn, unless disturbed of problematic.			
Restrictive	Layer (if present	t):									
Type:	_						Hydric Soils Pre	sent? Yes ⊠ No □			
Depth (inch	nes):										
Remarks:											
HYDROI	OGY										
	ydrology Indica	ators									
	dicators (minimu	m of one red	quired; check al	I that appl	<u>y</u>		Secondary Indicators (2 or more required)				
	Water (A1)			Salt Crust			☐ Water Marks (B1) (Riverine)				
_	ater Table (A2)			Biotic Cru	st (B12) vertebrates	(D12)		Sediment Deposits (B2) (Riverine)			
☐ Saturati		riverine)	<del></del>	•		` '		☐ Drift Deposits (Riverine)			
	/larks (B1) ( <b>Non</b> i nt Deposits (B2)				Sulfide Odd		Living Roots (C3)	<ul><li>☑ Drainage Patterns (B10)</li><li>☑ Dry-Season Water Table (C2)</li></ul>			
	posits (B3) ( <b>No</b> n				of Reduced	-	. ,	☐ Crayfish Burrows (C8)			
	Soil Cracks (B6				on Reduction			☐ Saturation Visible on Aerial Imagery (C9)			
	ion Visible on Ae				k Surface (C		1 30113 (00)	☐ Shallow Aquitard (D3)			
	Stained Leaves (		,		plain in Ren			☐ Shallow Additart (D3)  ☐ FAC-Neutral Test (D5)			
Field Obse	,		Ц	Otrici (EX	piaiii iii itteii	iaiks)		A TAC Neutral Test (DS)			
		V		nth (in )							
Water Tabl	ater Present?		es 🗌 No 🔲 De es 🔲 No 🔲 De			,	Wetland Hydrolog	y Present? Yes ⊠ No □			
							, ,	<u> </u>			
Saturation (includes c	Present? apillary fringe)	Υe	es 🗌 No 🗌 De	pth (in.) _							
Describe R	ecorded Data (s	tream gaug	e, monitoring w	ell, aerial	photos, prev	vious insp	pections), if available	<del>)</del> :			
Remarks:											

Project/Site: Desert Claim		City	/County: El	lensburg/Kittitas County	Sampling Date: 9-27-17		
Applicant/Owner: EDF		Stat	e: <u>WA</u>		Sampling Point: GA-SP-39		
Investigator(s): CW, JD Grette Associates					: <u>20</u> Township: <u>19</u> Range: <u>18</u>		
Landform (hillslope, terrace, etc.): slope				relief (concave□, convex□,	none⊠: Slope (%): <u>4</u>		
Subregion (LRR): <u>B</u>			Lat: <u>47</u>	7.12224 Long: <u>-120.61548</u>	Datum: NAD83(2011)		
Soil Map Name: Reeser-Reelow-Sketter complete			_		NWI Classification:		
Are climatic/hydrologic conditions on the site ty			year?Yes [				
Are Vegetation ☐ Soil ☐, or Hydrology ☐ sig	-				nces" present? Yes 🛛 No 🗌		
Are Vegetation ☐ Soil ☐, or Hydrology ☐ sig	nificantly pr	roblematio	:? (If neede	ed, explain in Remarks)			
SUMMARY OF FINDINGS – Attach site I	map show	ving sam	pling poi	nt locations, transects, i	mportant features, etc.		
Hydrophytic vegetation present?	Yes 🗌 No	$\boxtimes$					
Hydric soils present?	Yes 🗌 No	$\boxtimes$	Is the sar	mpled area within a wetland	d? Yes □ No ⊠		
Wetland hydrology present?	Yes 🗌 No	$\boxtimes$	io trio our	inpled area within a wetland:			
Remarks: R43							
VECETATION Has asignific names of							
VEGETATION – Use scientific names of		e Dominar	nt Indicator	Dominance Test worksheet:			
Tree Stratum (Plot size:30')	% Cove	r Species	? Status	Number of Deminent Species			
1				Number of Dominant Species that are OBL, FACW, or FAC:			
2					<u>0 (A)</u>		
3				Total Number of Dominant Species Across All Strata:	4 (5)		
4				·	<u>1 (B)</u>		
		= Total C	Cover	Percent of Dominant Species	- 44 = 1		
Sapling/Shrub Stratum (Plot size:15')				that are OBL, FACW, or FAC:			
				Prevalence Index workshee	t:		
1				Total % Cover of	Multiply by		
2 3				Total % Cover of: OBL species	<u>Multiply by:</u> x 1 =		
4				FACW species	x 2 =		
5				FAC species	x 3 =		
o		= Total 0	2010	FACU species	x 4 =		
		= 10(a) (	Jover	UPL species	x 5 =		
Herb Stratum (Plot size:5')				Column Totals(A)	(B)		
1. <u>Poa secunda</u>	<u>90</u>	<u>Y</u>	<u>FACU</u>				
2. <u>Tragopogon dubius</u>	<u>10</u>	<u>N</u>	<u>NL</u>	Prevalence inc	dex = B/A =		
3	-			Hydrophytic Vegetation indi	cators:		
4				☐ Dominance Test is >50%			
5	-		-	☐ Prevalence Index is ≤3.0¹			
6			-		1		
7 8.				☐ Morphological Adaptations Remarks or on a s			
<del></del>	100%	= Total (	Cover	☐ Problematic Hydrophytic \	'		
Woody Vine Stratum (Plot size: )				<sup>1</sup> Indicators of hydric soil and w			
				present, unless disturbed or p			
1 2.							
2				Hardwark of the constation of			
	-	= Total (		Hydrophytic vegetation p	present? Yes 🗌 No 🗵		
% Bare Ground in Herb Stratum	% Cover of	Biotic Crus	t				
Remarks:							

		ribe to the	depth neede	ed to docum Redox Fea		icator o	confirm the absen	ce of indicators.)			
Depth (inches)	Matrix Color (moist)	%	Color (mois		Type <sub>1</sub>	Loc <sub>2</sub>	— Texture	Remarks			
0-8	10YR 3/2	100		, ,	1,700	1	Gravelly loam				
dense	101110/2	100					Oravony roam				
gravel											
Type: C=0	i Concentration; D:	 =Depletion;	RM=Reduce	d matrix; CS	=Covered or	Coated	Sand Grains. <sup>2</sup> Lo	cation: PL=Pore linings; M=Matrix			
	Hydric Soils Indicators: (Applicable to all LRRs, unless otherwise noted.)  Indicators for Problematic Hydric Soils <sup>3</sup> :										
Histoso	Ι (Δ1)		П	andy Redox	(95)		□ 1 cm Mucl	< (A9) ( <b>LRR C</b> )			
	pipedon (A2)			stripped Mat							
☐ Black H					y Material (F	1)	2 cm Muck (A10) (LRR B)				
	en Sulfide (A4)				ed Matrix (F2		Reduced Vertic (F18)				
	ed Layers (A5) ( <b>L</b>	PP C)		epleted Mat		,	☐ Red Parent Material (TF2) ☐ Other (Explain in Remarks)				
	uck (A9) ( <b>LRR D</b>			•	Surface (F6)						
	ed Below Dark Su				rk Surface (F6)	7)					
	ark Surface (A12	. ,		Redox Depre	•	')					
_	Mucky Material (	,		ernal Pools			3Indicators of	hydrophytic vegetation and wetland hydrology			
-	,	•	⊔ \	emai Foois	(Г9)		must be prese	ent, unless disturbed or problematic.			
_	Gleyed Matrix (S						<b>I</b>				
	Layer (if present	t):									
Type:	<u>—</u>						Hydric Soils Pres	ent? Yes □ No ⊠			
Depth (incl	nes):										
Remarks:											
HYDROI											
	lydrology Indica		nuired: check	all that anni	V			Secondary Indicators (2 or more required)			
	Water (A1)	in or one rec		Salt Crust				Water Marks (B1) (Riverine)			
☐ High W	ater Table (A2)		[	Biotic Cru	st (B12)			☐ Sediment Deposits (B2) (Riverine)			
☐ Saturati					vertebrates (	(B13)		☐ Drift Deposits (Riverine)			
	Marks (B1) ( <b>Nonr</b>	riverine)			Sulfide Odo			☐ Drainage Patterns (B10)			
	ent Deposits (B2)	,	ne) [	Oxidized F	Rhizosphere	s along L	iving Roots (C3)	☐ Dry-Season Water Table (C2)			
	posits (B3) ( <b>Non</b>		•		of Reduced	-	• , ,	☐ Crayfish Burrows (C8)			
	Soil Cracks (B6				n Reduction			☐ Saturation Visible on Aerial Imagery (C9)			
	ion Visible on Ae	•			Surface (C			☐ Shallow Aquitard (D3)			
	Stained Leaves (I				plain in Rem			FAC-Neutral Test (D5)			
Field Obse	-					1					
	ater Present?	Ve	es 🗌 No 🔲 [	enth (in )							
	le Present?		es 🗌 No 🔲 [				Wetland Hydrology	Present? Yes ☐ No ⊠			
								_			
Saturation (includes c	Present? apillary fringe)	Ye	es 🗌 No 🔲 [	epth (in.) _							
Describe R	Recorded Data (s	tream gauge	e, monitoring	well, aerial ı	photos, previ	ous insp	ections), if available	:			
	`	5 0	J	•	• •		,				
Remarks:											

Hydrophytic vegetation present? Y Hydric soils present? Y	oical for this dificantly dis dificantly pr	States stime of sturbed? sturbed? stolemation states wing same states st	Are "Normal Circumstances" present? Yes ⊠ No □					
VEGETATION – Use scientific names of	plants							
VEGETATION – Use scientific fiames of	•	e Dominai	nt Indicator	Dominance Test worksheet:				
<u>Tree Stratum</u> (Plot size:30')  1  2	% Cove	r Species	? Status	Number of Dominant Species that are OBL, FACW, or FAC:	<u>1 (A)</u>			
3 4				Total Number of Dominant Species Across All Strata:	<u>4 (B)</u>			
		= Total (	Cover	Percent of Dominant Species that are OBL, FACW, or FAC:	25 (A/B)			
Sapling/Shrub Stratum (Plot size:15')	40		E40	Prevalence Index worksheet:				
1. <u>Crataegus douglasii</u>	<u>10</u>	<u>Y</u>	FAC	Total 9/ Carran of	Multiples			
2. Rosa woodsii	<u>10</u>	<u>Y</u>	<u>FACU</u>	Total % Cover of:	Multiply by: x 1 =			
3				OBL species FACW species	x 1 = x 2 =			
4 5				FAC species	x 3 =			
<del></del>				FACU species	x 4 =			
	<u>20</u>	= Total (	Jover	UPL species	x 5 =			
Herb Stratum (Plot size:5')				Column Totals (A)	(B)			
1. <u>Elymus repens</u>	<u>10</u>	<u>N</u>	<u>FAC</u>	, ,	( ,			
2. <u>Festuca occidentalis</u>	<u>50</u>	<u>Y</u>	<u>NL</u>	Prevalence inde	x = B/A =			
3. <u>Cichorium intybus</u>	<u>20</u>	<u>Y</u>	<u>FACU</u>	Hydrophytic Vegetation indica	ntors:			
4				☐ Dominance Test is >50%				
5 6				☐ Prevalence Index is ≤3.0¹				
7								
8				Morphological Adaptations <sup>1</sup> (Remarks or on a sep				
	80%	= Total (	Cover	☐ Problematic Hydrophytic Veç				
Woody Vine Stratum (Plot size: ) 1				<sup>1</sup> Indicators of hydric soil and wet present, unless disturbed or prof				
2								
		= Total (	Cover	Hydrophytic vegetation pre	esent? Yes 🗌 No 🖂			
% Bare Ground in Herb Stratum	% Cover of I	Biotic Crus	it					
Remarks:				<u> </u>				

Depth	scription: (Desc Matrix	ribe to the	•	to docum Redox Fea		icator or	r confirm the absend	ce of indicators.)			
(inches)	Color (moist)	%	Color (moist)	%	Type₁	Loc <sub>2</sub>	Texture	Remarks			
0-8	10YR 3/2	100					loam				
		ļ				-					
						-					
<sup>1</sup> Type: C=C	Concentration; D	=Depletion;	RM=Reduced i	natrix; CS	=Covered o	r Coated	Sand Grains. <sup>2</sup> Loc	cation: PL=Pore linings; M=Matrix			
Hydric Soi	ils Indicators: (/	Applicable	to all LRRs, ur	less othe	rwise noted	d.)	Indicators for	Problematic Hydric Soils <sup>3</sup> :			
Histoso	Ι (Δ1)		П Са	ndy Redox	(95)		□ 1 cm Muck	(A9) (I RR C)			
	pipedon (A2)			pped Mat		☐ 1 cm Muck (A9) ( <b>LRR C</b> ) ☐ 2 cm Muck (A10) ( <b>LRR B</b> )					
☐ Black H					y Material (F	1)	Reduced Vertic (F18)				
	en Sulfide (A4)			-	ed Matrix (F2			t Material (TF2)			
	d Layers (A5) ( <b>L</b>	RR C)		oleted Ma		-,		lain in Remarks)			
	uck (A9) (LRR D				Surface (F6)		_ ` ` '	,			
	d Below Dark Su				k Surface (F						
☐ Thick D	ark Surface (A12	2)	☐ Re	dox Depre	ssions (F8)	ŕ					
☐ Sandy I	Mucky Material (	S1)	☐ Ve	nal Pools	(F9)			nydrophytic vegetation and wetland hydrology ent, unless disturbed or problematic.			
☐ Sandy (	Gleyed Matrix (S	4)					must be prese	int, unless disturbed of problematic.			
Restrictive	Layer (if present	t)·									
		.,.									
Type:							Hydric Soils Prese	ent? Yes ☐ No ⊠			
Depth (inch	nes):										
Remarks:											
HYDROI											
	ydrology Indica dicators (minimu		quirod: abook al	l that appl	v			Secondary Indicators (2 or more required)			
	Water (A1)	ili di dile let		Salt Crust			<u>'</u>	☐ Water Marks (B1) ( <b>Riverine</b> )			
☐ High W	ater Table (A2)			Biotic Cru	st (B12)		☐ Sediment Deposits (B2) ( <b>Riverine</b> )				
☐ Saturati				Aquatic In	vertebrates	(B13)					
☐ Water N	Marks (B1) ( <b>Non</b> i	riverine)		Hydrogen	Sulfide Odd	or (C1)		☐ Drainage Patterns (B10)			
☐ Sedime	nt Deposits (B2)	(Nonriveri	ne)	Oxidized I	Rhizosphere	s along L	iving Roots (C3)	☐ Dry-Season Water Table (C2)			
☐ Drift De	posits (B3) ( <b>Non</b>	riverine)		Presence	of Reduced	Iron (C4)	)	☐ Crayfish Burrows (C8)			
☐ Surface	Soil Cracks (B6	)		Recent Iro	n Reduction	n in Tilled	Soils (C6)	☐ Saturation Visible on Aerial Imagery (C9)			
☐ Inundat	ion Visible on Ae	erial Imagery	y (B7)	Thin Muck	Surface (C	7)		☐ Shallow Aquitard (D3)			
☐ Water-S	Stained Leaves (	B9)		Other (Ex	plain in Rem	arks)		☐ FAC-Neutral Test (D5)			
Field Obse	ervations										
Surface Wa	ater Present?	Υe	es 🗌 No 🔲 De	pth (in.)							
Water Tabl	e Present?		es 🗌 No 🔲 De			,	Wetland Hydrology	Present? Yes ☐ No ⊠			
Saturation			es 🗌 No 🔲 De								
	apillary fringe)	YE	29 🗀 INO 🗀 De	ριτι (III.) <u> </u>							
		tream daug	e monitoring w	ell aerial	nhotos prev	ious inen	pections), if available:				
POSCIDE N	.coo.aca Data (S	ouri yauy	o, monitoring w	on, acrial	priotos, prev	iouo iiiop	, cononoj, ii avaliable.				
Remarks:											

Hydric soils present? Ye	cal for this ficantly dis ficantly pr	ope s time of y sturbed? oblematio	e: <u>WA</u> Local r  Lat: <u>47</u> year? Yes [  c? (If needed  poling poing	Section: <u>2</u> relief (concave⊠, convex⊡, n <u>7.10855</u> Long: <u>-120.61909</u> ☑ No □ (If no, explain in Rem Are "Normal Circumstance d, explain in Remarks)	Datum: NAD83(2011) NWI Classification: arks) es" present? Yes ⊠ No □  sportant features, etc.
VEGETATION – Use scientific names of p	lants				
		e Dominar	nt Indicator	Dominance Test worksheet:	
<u>Tree Stratum</u> (Plot size:30' ) 1 2		r Species		Number of Dominant Species that are OBL, FACW, or FAC:	<u>2 (A)</u>
3 4				Total Number of Dominant Species Across All Strata:	<u>2 (B)</u>
		= Total (	Cover	Percent of Dominant Species that are OBL, FACW, or FAC:	<u>100 (A/B)</u>
Sapling/Shrub Stratum (Plot size:15')				Prevalence Index worksheet:	
1					
2				Total % Cover of:	Multiply by:
3				OBL species	x 1 =
4				FACW species	x 2 =
5				FAC species	x 3 =
		= Total C	Cover	FACU species	x 4 =
Herb Stratum (Plot size:5')				UPL species	x 5 =
, ,	20	V	EACW/	Column Totals(A)	(B)
1. <u>Juncus effusus</u>	<u>30</u>	<u>Y</u> <u>Y</u>	FACW FACW		
2. <u>Juncus balticus</u>	<u>30</u>		FACW FACW	Prevalence inde	x = B/A =
Alopecurus pratensis     Myosotis laxa	<u>5</u>	<u>N</u>	FACW ORL	Hydrophytic Vegetation indica	itors:
5. Rumex crispus	<u>5</u> 15	<u>N</u> <u>N</u>	<u>OBL</u> FAC	☐ Dominance Test is >50%	
6. Trifolium pratense	<u>15</u> 15	<u>N</u>	FACU	☐ Prevalence Index is ≤3.0 <sup>1</sup>	
7	13	<u>IN</u>	TACO		
8.				☐ Morphological Adaptations¹ Remarks or on a sep	
0	100%	= Total 0	Cover	☐ Problematic Hydrophytic Ve	
Woody Vine Stratum (Plot size: )				<sup>1</sup> Indicators of hydric soil and wet present, unless disturbed or prol	
1					
2					
		= Total (	Cover	Hydrophytic vegetation pre	esent? Yes 🗵 No 🗌
% Bare Ground in Herb Stratum %	Cover of I	Biotic Crus	t		
Remarks:					

		ribe to the				dicator o	r confirm the abse	nce of indicators.)			
Depth (inches)	Matrix Color (moist)	%	Color (moist)	Redox Fea %	tures Type₁	Loc <sub>2</sub>		Remarks			
0-2	10-YR 2/1	100	1	70	Турст		silt loam	Tromano			
2-10	10 YR 2/1	85	7.5 YR 4/4	15	С	М	silt loam				
					ļ						
1		D latia	DM D. J. J			0	21	Di Dan Latan M Matri			
• •								ocation: PL=Pore linings; M=Matrix			
Hyaric So	ils Indicators: (A	Applicable				a.)	indicators to	or Problematic Hydric Soils³:			
☐ Histoso	l (A1)		☐ Sai	ndy Redox		☐ 1 cm Muck (A9) ( <b>LRR C</b> )					
☐ Histic E	pipedon (A2)			ipped Mat			☐ 2 cm Muck (A10) ( <b>LRR B</b> )				
☐ Black H	listic (A3)		☐ Loa	amy Muck	y Material (	F1)	☐ Reduced Vertic (F18)				
☐ Hydrog	en Sulfide (A4)				d Matrix (F	2)	Red Parent Material (TF2)				
☐ Stratifie	d Layers (A5) ( <b>L</b>	RR C)	☐ De <sub>l</sub>	pleted Mat	trix (F3)		☐ Other (Explain in Remarks)				
☐ 1 cm M	uck (A9) (LRR D	)	⊠ Re	dox Dark S	Surface (F6	)					
☐ Deplete	ed Below Dark Su	ırface (A11)	☐ De	pleted Dar	k Surface (	F7)					
☐ Thick D	ark Surface (A12	2)	☐ Re	dox Depre	ssions (F8)	1	31.4.1.4.4.4.4.4.4.4.4.4.4.4.4.4.4.4.4.4	f have disconnected in a second constitution of have described			
☐ Sandy I	Mucky Material (	S1)	☐ Vei	rnal Pools	(F9)			f hydrophytic vegetation and wetland hydrology sent, unless disturbed or problematic.			
☐ Sandy	Gleyed Matrix (Se	4)						, , , , , , , , , , , , , , , , , , , ,			
Restrictive	Layer (if present	):									
Type:							Hydric Soils Pre	sent? Yes ⊠ No □			
Depth (incl	nes):						l i yan o cono i ro	55.11. 165 🖾 116 🗀			
Remarks:											
HYDRO	LOGY										
	lydrology Indica										
	dicators (minimur Water (A1)	m of one red		<u>l that appl</u> Salt Crust				Secondary Indicators (2 or more required)			
	` '				` '		☐ Water Marks (B1) (Riverine)				
_	ater Table (A2)			Biotic Cru		(D12)	☐ Sediment Deposits (B2) (Riverine)				
☐ Saturat					vertebrates			☐ Drift Deposits (Riverine)			
	Marks (B1) ( <b>Nonr</b>	•			Sulfide Od		ining Death (C2)	☐ Drainage Patterns (B10)			
	ent Deposits (B2)	`	, <u> </u>			-	Living Roots (C3)	☐ Dry-Season Water Table (C2)			
	posits (B3) (Non				of Reduced			Crayfish Burrows (C8)			
	Soil Cracks (B6				n Reductio		1 Solis (C6)	☐ Saturation Visible on Aerial Imagery (C9)			
	ion Visible on Ae				Surface (C			☐ Shallow Aquitard (D3)			
	Stained Leaves (I	39)	Ш	Otner (Ex	plain in Rer	narks)		FAC-Neutral Test (D5)			
Field Obs											
	ater Present?		es 🛛 No 🔲 De				Watland Hydrolog	y Procent2 Vec ⊠ No □			
	Water Table Present? Yes ⊠ No ☐ Depth (in.) Wetland Hydrology Present? Yes ⊠ No ☐										
	Saturation Present? Yes ⊠ No ☐ Depth (in.) (includes capillary fringe)										
Describe R	Recorded Data (s	tream gaug	e, monitoring w	ell, aerial ¡	ohotos, pre	vious insp	ections), if available	e:			
Domonico											
Remarks:											

Hydric soils present?	ical for thi ficantly di ficantly pr	ope s time of sturbed? oblemation	e: <u>WA</u> Local I  Lat: <u>47</u> year? Yes [2  c? (If needed  poing po	Section: <u>2</u> relief (concave ☐, convex ☐, n <u>7.10834</u> Long: <u>-120.61650</u> ☑ No ☐ (If no, explain in Rem Are "Normal Circumstance d, explain in Remarks)	Datum: NAD83(2011) NWI Classification: arks) es" present? Yes ⊠ No □  sportant features, etc.
VEGETATION – Use scientific names of	nlants				
VEGETATION – Use scientific frames of p		e Dominai	nt Indicator	Dominance Test worksheet:	
<u>Tree Stratum</u> (Plot size:30')  1  2  3		r <u>Species</u>		Number of Dominant Species that are OBL, FACW, or FAC:  Total Number of Dominant Species Across All Strata:	2 (A)
4		= Total (	Cover	Percent of Dominant Species that are OBL, FACW, or FAC:	<u>2 (B)</u> 100 (A/B)
Sapling/Shrub Stratum (Plot size:15')				Prevalence Index worksheet:	
1 2 3 4 5				Total % Cover of:  OBL species  FACW species  FAC species  FACU species	Multiply by: x 1 = x 2 = x 3 = x 4 =
Herb Stratum (Plot size:5')				UPL species	x 5 =
1. <u>Trifolium repens</u> 2. <u>Juncus baltcus</u> 3. <u>Rumex crispus</u>	30 50 10	<u>Y</u> <u>Y</u> <u>N</u>	FAC FACW FAC	Column Totals (A)  Prevalence index	
4. Myosotis laxa	10	<u>N</u>	OBL	Hydrophytic Vegetation indica	ntors:
5				☐ Dominance Test is >50%	
6				☐ Prevalence Index is ≤3.0 <sup>1</sup>	
7 8				☐ Morphological Adaptations¹ Remarks or on a sep	
	100%	= Total (	Cover	☐ Problematic Hydrophytic Ve	getation <sup>1</sup> (explain)
Woody Vine Stratum (Plot size: )  1				<sup>1</sup> Indicators of hydric soil and wet present, unless disturbed or prol	
2					
% Bare Ground in Herb Stratum %	Cover of I	= Total (		Hydrophytic vegetation pre	esent? Yes 🛛 No 🗌
Remarks:		210110 0140	<u>`</u>		

Profile Des		ribe to the				icator or	confirm the abser	nce of indicators.)
Depth (inches)	Matrix Color (moist)	%	Color (moist)	Redox Fea %	atures Type1	Loc <sub>2</sub>	 Texture	Remarks
0-2	10YR 2/1	100	Color (moist)	70	Type	L002	silt loam	Remarks
2-5	10YR 3/1	100					OIL IOGITI	
<sup>1</sup> Type: C=C	oncentration: D	-Depletion:	PM-Peduced	matriv: CS	-Covered o	Coated	Sand Grains 21 o	cation: PL=Pore linings; M=Matrix
Hydric Soi	ls Indicators: (/	Applicable 1	to all LRRs, ur	lless othe	erwise noted	1.)	Indicators to	r Problematic Hydric Soils <sup>3</sup> :
☐ Histosol (A1) ☐ Sandy Redox (S5) ☐ 1 cm Muck (A9) (LRR C)								k (A9) ( <b>LRR C</b> )
☐ Histic E	pipedon (A2)			ipped Mat			2 cm Muc	k (A10) ( <b>LRR B</b> )
☐ Black H	istic (A3)		☐ Lo	amy Muck	y Material (F	1)	☐ Reduced '	
	en Sulfide (A4)		☐ Lo	amy Gleye	ed Matrix (F2	)		nt Material (TF2)
	d Layers (A5) ( <b>L</b>	•		pleted Mat			Other (Exp	olain in Remarks)
	uck (A9) (LRR D				Surface (F6)			
•	d Below Dark Sເ	, ,			rk Surface (F	7)		
	ark Surface (A12	•			essions (F8)		3Indicators of	hydrophytic vegetation and wetland hydrology
-	Mucky Material (		☐ Ve	rnal Pools	(F9)			ent, unless disturbed or problematic.
☐ Sandy Gleyed Matrix (S4)								
Restrictive	Layer (if present	t):						
Type:	<u> </u>						Hvdric Soils Pres	sent? Yes ⊠ No □
Depth (inch	nes):						,	
	saturated >14	consecutiv	ve davs					
rtomanto.	odtarated > 1 1	oonoooda	vo dayo					
HYDROL								
Wetland H	ydrology Indica	itors		l (la a ( a a l				0
Primary inc □ Surface	dicators (minimu Water (A1)	m of one red		Salt Crust				Secondary Indicators (2 or more required)  Water Marks (B1) (Riverine)
	ater Table (A2)			Biotic Cru	, ,			☐ Sediment Deposits (B2) (Riverine)
☐ Saturati	` '				vertebrates	(B13)		☐ Drift Deposits (Riverine)
	//arks (B1) ( <b>Non</b> i	riverine)		•	Sulfide Odo	. ,		☐ Drainage Patterns (B10)
	nt Deposits (B2)			, ,		` '	iving Roots (C3)	☐ Dry-Season Water Table (C2)
	posits (B3) ( <b>Non</b>	•			of Reduced			☐ Crayfish Burrows (C8)
	Soil Cracks (B6				on Reduction			☐ Saturation Visible on Aerial Imagery (C9)
	ion Visible on Ae		<del></del> -		c Surface (C		CO113 (CO)	☐ Shallow Aquitard (D3)
	Stained Leaves (				plain in Rem	,		☐ FAC-Neutral Test (D5)
Field Obse						<u> </u>		<b>2</b>
	ater Present?	Ve	es ⊠ No □ De	nth (in ) ~	1			
Water Tabl			es 🛭 No 🗌 De			,	Wetland Hydrology	r Present? Yes ⊠ No □
							, ,,	
Saturation (includes c	Present? apillary fringe)	Ye	es 🛛 No 🗌 De	pth (in.) <u>0</u>				
Describe R	ecorded Data (s	tream gauge	e, monitoring w	ell, aerial <sub>l</sub>	photos, prev	ious insp	ections), if available	:
Remarks:								

Hydric soils present?	pical for this nificantly dist nificantly pro	State pe time of your bed? blematice ng sam	e: <u>WA</u> Local r  Lat: <u>47</u> /ear? Yes  ?? (If needed	Section: <u>2</u> relief (concave ☐, convex ☐, n <u>7.10838</u> Long: <u>-120.61659</u> ☑ No ☐ (If no, explain in Rem Are "Normal Circumstance d, explain in Remarks)	Datum: NAD83(2011) NWI Classification: arks) es" present? Yes ⊠ No □  sportant features, etc.
VEGETATION – Use scientific names of	•			T	
Tree Stratum (Plot size:30' )			nt Indicator	Dominance Test worksheet:	
1	% Cover	Species	Status	Number of Dominant Species	
2				that are OBL, FACW, or FAC:	<u>0 (A)</u>
3				Total Number of Dominant	
4				Species Across All Strata:	<u>2 (B)</u>
	<del></del> -			Percent of Dominant Species	
		= Total C	Cover	that are OBL, FACW, or FAC:	0 (A/B)
Sapling/Shrub Stratum (Plot size:15')				Prevalence Index worksheet:	<u> </u>
1				revalence mack worksheet.	
2				Total % Cover of:	Multiply by:
3				OBL species	x 1 =
	<del></del>			FACW species	x 2 =
4					
5				FAC species	x 3 =
		= Total C	Cover	FACU species	x 4 =
Herb Stratum (Plot size:5')				UPL species	x 5 =
1. Poa secunda	<u>70</u>	<b>v</b>	<u>FACU</u>	Column Totals(A)	(B)
		<u>Y</u> <u>Y</u>	· · · · · · · · · · · · · · · · · · ·		
2. <u>Centaurea diffusa</u>	<u>30</u>	T	<u>NL</u>	Prevalence index	x = B/A =
3				Hydrophytic Vegetation indica	itors:
4 5				☐ Dominance Test is >50%	
6				☐ Prevalence Index is ≤3.0 <sup>1</sup>	
7				Morphological Adaptations <sup>1</sup>	
8	<del></del>			Remarks or on a sep	
	<u>100%</u>	= Total C	Cover	☐ Problematic Hydrophytic Ve	getation¹ (explain)
Woody Vine Stratum (Plot size: )  1				<sup>1</sup> Indicators of hydric soil and wet present, unless disturbed or prob	
2	<del></del>				
			<del></del>	Uhada a hadia aa aa tatia a aa	10 V □ N- □
	<del></del>	= Total C	cover	Hydrophytic vegetation pre	esent? Yes 🗌 No 🗵
% Bare Ground in Herb Stratum	% Cover of Bi	otic Crus	t		
Remarks:					

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)											
Depth	Matrix	%	Color (moist	Redox Fea		Loc <sub>2</sub>	 Texture	Remarks			
(inches) 0-6	Color (moist) 10YR 3/2	100	COIOI (IIIOISI	70	Type <sub>1</sub>	LUC2					
0-0	1011 3/2	100					gravelly loam	hardpan			
						<b>†</b>					
1	Type: C=Concentration; D=Depletion; RM=Reduced matrix; CS=Covered or Coated Sand Grains.   Location: PL=Pore linings; M=Matrix										
Hydric Soi	Is Indicators: (/	Applicable 1	to all LRRs, i	ınless othe	rwise noted	l.)	Indicators fo	r Problematic Hydric Soils³:			
☐ Histosol (A1) ☐ Sandy Redox (S5) ☐ 1 cm								k (A9) ( <b>LRR C</b> )			
	pipedon (A2)			tripped Mat			☐ 1 cm Muck (A9) ( <b>LRR C</b> ) ☐ 2 cm Muck (A10) ( <b>LRR B</b> )				
☐ Black H					y Material (F	1)	☐ Reduced				
	en Sulfide (A4)			-	ed Matrix (F2			nt Material (TF2)			
	d Layers (A5) ( <b>L</b>	RR C)		epleted Ma				olain in Remarks)			
1 cm Mu	uck (A9) (LRR D	))	□R	edox Dark	Surface (F6)						
☐ Deplete	d Below Dark Sเ	urface (A11)		epleted Dai	rk Surface (F	7)					
☐ Thick D	ark Surface (A12	2)	□R	edox Depre	essions (F8)		21 11				
☐ Sandy N	Mucky Material (	S1)	□V	ernal Pools	(F9)			hydrophytic vegetation and wetland hydrologent, unless disturbed or problematic.			
☐ Sandy 0	Gleyed Matrix (S	4)					must be pres	oni, amoss distarbed of problematic.			
Restrictive	Layer (if present	+/-									
	, , ,	.,.									
Type:	<del></del>						Hydric Soils Pres	ent? Yes ☐ No ⊠			
Depth (inch	nes):										
Remarks:											
HYDROL											
	ydrology Indica dicators (minimu		wirod: chock	all that anal	v			Secondary Indicators (2 or more required)			
Surface	Water (A1)	ili di dile led		Salt Crust				Water Marks (B1) (Riverine)			
	ater Table (A2)			Biotic Cru	, ,			☐ Sediment Deposits (B2) (Riverine)			
☐ Saturati				] Aquatic In	vertebrates (	(B13)	☐ Drift Deposits (Riverine)				
☐ Water M	Marks (B1) (Noni	riverine)		] Hydrogen	Sulfide Odo	r (C1)		☐ Drainage Patterns (B10)			
☐ Sedime	nt Deposits (B2)	(Nonriverin	ne)	Oxidized I	Rhizosphere	s along L	iving Roots (C3)	☐ Dry-Season Water Table (C2)			
☐ Drift De	posits (B3) ( <b>Non</b>	riverine)		] Presence	of Reduced	Iron (C4)	)	☐ Crayfish Burrows (C8)			
☐ Surface	Soil Cracks (B6	)		Recent Iro	on Reduction	in Tilled	Soils (C6)	☐ Saturation Visible on Aerial Imagery (C9)			
☐ Inundati	on Visible on Ae	erial Imagery	(B7)	Thin Muck	Surface (C	7)		☐ Shallow Aquitard (D3)			
☐ Water-S	Stained Leaves (	B9)		Other (Ex	plain in Rem	arks)		☐ FAC-Neutral Test (D5)			
Field Obse	ervations										
Surface Wa	ater Present?	Ye	s 🗌 No 🔲 🛭	epth (in.)							
Water Tabl			es 🗌 No 🔲 🛭			,	Wetland Hydrology	Present? Yes ☐ No ⊠			
				. , , _			, 0,				
Saturation (includes ca	Present? apillary fringe)	Υe	s 🗌 No 🔲 🗅	epth (in.) _							
		troom gove	n monitorina	voll parial	nhotos provi	oue inco	ections), if available				
Describe K	ecoru <del>c</del> u Dala (S	u cam yaugi	z, monitoring	wen, aenal	priotos, previ	ious irisp	ecuona), ii avaliable	•			
Remarks:	Remarks:										

Project/Site: <u>Desert Claim</u>		-	-	ensburg/Kittitas County	Sampling Date: 9-27-17
Applicant/Owner: <u>EDF</u>		Stat	e: <u>WA</u>		Sampling Point: GA-SP-44
Investigator(s): CW, JD Grette Associates				·	9 Township: <u>19</u> Range: <u>18</u>
Landform (hillslope, terrace, etc.): hillslope				elief (concave□, convex⊠, no	
Subregion (LRR): <u>B</u>	0.50/ -1-		Lat: <u>47</u>	.10829 Long: <u>-120.61894</u>	Datum: NAD83(2011)
Soil Map Name: Reeser-Reelow-Sketter complex			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		NWI Classification:
Are climatic/hydrologic conditions on the site typic Are Vegetation ☐ Soil ☐, or Hydrology ☐ signifi			year? Yes <u>∠</u>	Are "Normal Circumstance	
Are Vegetation ☐ Soil ☐, or Hydrology ☐ signifi Are Vegetation ☐ Soil ☐, or Hydrology ☐ signifi	-		:? (If needed		s present: res 🖂 No 🗀
SUMMARY OF FINDINGS – Attach site ma			•		portant features, etc.
	s 🗌 No 🛭		.p9 po	,	<b>portant routainos, etc.</b>
, , , , , , , , , , , , , , , , , , , ,	s 🗌 No 🛭	_			v = = = =
1 -	s 🗌 No 🛭		is the sam	pled area within a wetland?	Yes ☐ No ⊠
Remarks: R44					
Pit dug in island between arms of a wetland; are	a is heavi	ly grazed	d.		
VEGETATION – Use scientific names of p		Dominar	nt Indicator	Dominance Test worksheet:	
Tree Stratum (Plot size:30')	% Cover				
1				Number of Dominant Species that are OBL, FACW, or FAC:	0 (4)
2					<u>0 (A)</u>
3				Total Number of Dominant Species Across All Strata:	0 (D)
4					<u>2 (B)</u>
		= Total C	Cover	Percent of Dominant Species that are OBL, FACW, or FAC:	0 (A/B)
Sapling/Shrub Stratum (Plot size:15')				Prevalence Index worksheet:	
1. Purshia teidentata	<u>15</u>	<u>Y</u>	<u>NL</u>		
2				Total % Cover of:	Multiply by:
3				OBL species	x 1 =
4				FACW species	x 2 =
5				FAC species	x 3 = x 4 =
	<u>15</u>	= Total (	Cover	UPL species	x 5 =
Herb Stratum (Plot size:5')				Column Totals(A)	(B)
1. <u>Poa secunda</u>	<u>70</u>	<u>Y</u>	<u>FACU</u>	(' ')	(=)
2				Prevalence index	c = B/A =
3				Hydrophytic Vegetation indicate	tors:
4 5				☐ Dominance Test is >50%	
6				☐ Prevalence Index is ≤3.0 <sup>1</sup>	
7 8.				☐ Morphological Adaptations¹ ( Remarks or on a sepa	provide supporting data in
0	70%	= Total 0	Cover	☐ Problematic Hydrophytic Veg	•
Woody Vine Stratum (Plot size: )				<sup>1</sup> Indicators of hydric soil and wetl present, unless disturbed or prob	
1					
2					10 V
		= Total (		Hydrophytic vegetation pre	esent? Yes 🗌 No 🖂
	Cover of B	iotic Crus	t		
Remarks: Grazed					

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth <u>Matrix</u>	Redox Fea				
(inches) Color (moist) % Color	(moist) %	Type₁ L	.OC2	Texture	Remarks
0-4 10YR 3/2 100				silt loam	very hard
hardpan					
Type: C=Concentration; D=Depletion; RM=Re	educed matrix: CS	=Covered or Co	nated Sa	and Grains <sup>2</sup> Lo	cation: PL=Pore linings; M=Matrix
			oatoa Oc		•
Hydric Soils Indicators: (Applicable to all L	RRs, unless othe	rwise noted.)		Indicators fo	r Problematic Hydric Soils³:
☐ Histosol (A1)	☐ Sandy Redox	(95)		□ 1 cm Muc	k (A9) ( <b>LRR C</b> )
_ ` '	-				
Histic Epipedon (A2)	☐ Stripped Mati	, ,			k (A10) ( <b>LRR B</b> )
Black Histic (A3)	Loamy Mucky	, ,		Reduced	, ,
☐ Hydrogen Sulfide (A4)	☐ Loamy Gleye	d Matrix (F2)		Red Pare	nt Material (TF2)
☐ Stratified Layers (A5) (LRR C)	☐ Depleted Mat	trix (F3)		Other (Ex	olain in Remarks)
☐ 1 cm Muck (A9) ( <b>LRR D</b> )	☐ Redox Dark S	Surface (F6)			
☐ Depleted Below Dark Surface (A11)	☐ Depleted Dar	k Surface (F7)			
☐ Thick Dark Surface (A12)	☐ Redox Depre	` ,			
Sandy Mucky Material (S1)	☐ Vernal Pools			3Indicators of	hydrophytic vegetation and wetland hydrology
	☐ Veillai Foois	(1.9)		must be pres	ent, unless disturbed or problematic.
☐ Sandy Gleyed Matrix (S4)					
Restrictive Layer (if present):					
Type:				lydric Soils Pres	sent? Yes ☐ No ⊠
Depth (inches):					
Remarks:					
Kemarks.					
HYDROLOGY					
Wetland Hydrology Indicators					
Wetland Hydrology Indicators  Primary Indicators (minimum of one required;					Secondary Indicators (2 or more required)
Wetland Hydrology Indicators  Primary Indicators (minimum of one required;   ☐ Surface Water (A1)	☐ Salt Crust	(B11)			☐ Water Marks (B1) (Riverine)
Wetland Hydrology Indicators  Primary Indicators (minimum of one required;		(B11)			
Wetland Hydrology Indicators  Primary Indicators (minimum of one required;   ☐ Surface Water (A1)	☐ Salt Crust ☐ Biotic Crust	(B11)	3)		☐ Water Marks (B1) (Riverine)
Wetland Hydrology Indicators  Primary Indicators (minimum of one required; of the surface Water (A1)  ☐ High Water Table (A2)	☐ Salt Crust ☐ Biotic Crust ☐ Aquatic In	(B11) st (B12)	,		☐ Water Marks (B1) (Riverine) ☐ Sediment Deposits (B2) (Riverine)
Wetland Hydrology Indicators Primary Indicators (minimum of one required; ← Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) (Nonriverine)	☐ Salt Crust ☐ Biotic Crust ☐ Aquatic In ☐ Hydrogen	(B11) st (B12) vertebrates (B1: Sulfide Odor (C	, (1)	ng Roots (C3)	☐ Water Marks (B1) (Riverine) ☐ Sediment Deposits (B2) (Riverine) ☐ Drift Deposits (Riverine) ☐ Drainage Patterns (B10)
Wetland Hydrology Indicators Primary Indicators (minimum of one required; ← Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) (Nonriverine) Sediment Deposits (B2) (Nonriverine)	☐ Salt Crust ☐ Biotic Crust ☐ Aquatic In ☐ Hydrogen ☐ Oxidized F	(B11) st (B12) vertebrates (B1: Sulfide Odor (C Rhizospheres al	, ong Livi	ng Roots (C3)	□ Water Marks (B1) (Riverine)     □ Sediment Deposits (B2) (Riverine)     □ Drift Deposits (Riverine)     □ Drainage Patterns (B10)     □ Dry-Season Water Table (C2)
Wetland Hydrology Indicators  Primary Indicators (minimum of one required; of Surface Water (A1)  ☐ High Water Table (A2) ☐ Saturation (A3) ☐ Water Marks (B1) (Nonriverine) ☐ Sediment Deposits (B2) (Nonriverine) ☐ Drift Deposits (B3) (Nonriverine)	☐ Salt Crust ☐ Biotic Crust ☐ Aquatic In ☐ Hydrogen ☐ Oxidized F ☐ Presence	(B11) st (B12) vertebrates (B1: Sulfide Odor (C Rhizospheres al of Reduced Iror	ong Livi (C4)	. , ,	☐ Water Marks (B1) (Riverine) ☐ Sediment Deposits (B2) (Riverine) ☐ Drift Deposits (Riverine) ☐ Drainage Patterns (B10) ☐ Dry-Season Water Table (C2) ☐ Crayfish Burrows (C8)
Wetland Hydrology Indicators Primary Indicators (minimum of one required; of Surface Water (A1) ☐ High Water Table (A2) ☐ Saturation (A3) ☐ Water Marks (B1) (Nonriverine) ☐ Sediment Deposits (B2) (Nonriverine) ☐ Drift Deposits (B3) (Nonriverine) ☐ Surface Soil Cracks (B6)	Salt Crust Biotic Crust Aquatic In Hydrogen Oxidized F Presence	(B11) st (B12) vertebrates (B1: Sulfide Odor (C Rhizospheres ali of Reduced Iror on Reduction in	ong Livi (C4)	. , ,	Water Marks (B1) (Riverine)     Sediment Deposits (B2) (Riverine)     Drift Deposits (Riverine)     Drainage Patterns (B10)     Dry-Season Water Table (C2)     Crayfish Burrows (C8)     Saturation Visible on Aerial Imagery (C9)
Wetland Hydrology Indicators Primary Indicators (minimum of one required; ← Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) (Nonriverine) Sediment Deposits (B2) (Nonriverine) Drift Deposits (B3) (Nonriverine) Surface Soil Cracks (B6) Inundation Visible on Aerial Imagery (B7)	☐ Salt Crust ☐ Biotic Crust ☐ Aquatic In ☐ Hydrogen ☐ Oxidized F ☐ Presence ☐ Recent Iro	(B11) st (B12) vertebrates (B1: Sulfide Odor (C Rhizospheres al of Reduced Iror on Reduction in a Surface (C7)	ong Livi ong Livi n (C4) Tilled So	. , ,	□ Water Marks (B1) (Riverine)     □ Sediment Deposits (B2) (Riverine)     □ Drift Deposits (Riverine)     □ Drainage Patterns (B10)     □ Dry-Season Water Table (C2)     □ Crayfish Burrows (C8)     □ Saturation Visible on Aerial Imagery (C9)     □ Shallow Aquitard (D3)
Wetland Hydrology Indicators Primary Indicators (minimum of one required; of Surface Water (A1) ☐ High Water Table (A2) ☐ Saturation (A3) ☐ Water Marks (B1) (Nonriverine) ☐ Sediment Deposits (B2) (Nonriverine) ☐ Drift Deposits (B3) (Nonriverine) ☐ Surface Soil Cracks (B6)	☐ Salt Crust ☐ Biotic Crust ☐ Aquatic In ☐ Hydrogen ☐ Oxidized F ☐ Presence ☐ Recent Iro	(B11) st (B12) vertebrates (B1: Sulfide Odor (C Rhizospheres ali of Reduced Iror on Reduction in	ong Livi ong Livi n (C4) Tilled So	. , ,	Water Marks (B1) (Riverine)     Sediment Deposits (B2) (Riverine)     Drift Deposits (Riverine)     Drainage Patterns (B10)     Dry-Season Water Table (C2)     Crayfish Burrows (C8)     Saturation Visible on Aerial Imagery (C9)
Wetland Hydrology Indicators Primary Indicators (minimum of one required; ← Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) (Nonriverine) Sediment Deposits (B2) (Nonriverine) Drift Deposits (B3) (Nonriverine) Surface Soil Cracks (B6) Inundation Visible on Aerial Imagery (B7)	☐ Salt Crust ☐ Biotic Crust ☐ Aquatic In ☐ Hydrogen ☐ Oxidized F ☐ Presence ☐ Recent Iro	(B11) st (B12) vertebrates (B1: Sulfide Odor (C Rhizospheres al of Reduced Iror on Reduction in a Surface (C7)	ong Livi ong Livi n (C4) Tilled So	. , ,	□ Water Marks (B1) (Riverine)     □ Sediment Deposits (B2) (Riverine)     □ Drift Deposits (Riverine)     □ Drainage Patterns (B10)     □ Dry-Season Water Table (C2)     □ Crayfish Burrows (C8)     □ Saturation Visible on Aerial Imagery (C9)     □ Shallow Aquitard (D3)
Wetland Hydrology Indicators Primary Indicators (minimum of one required; of Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) (Nonriverine) Sediment Deposits (B2) (Nonriverine) Drift Deposits (B3) (Nonriverine) Surface Soil Cracks (B6) Inundation Visible on Aerial Imagery (B7) Water-Stained Leaves (B9) Field Observations	☐ Salt Crust ☐ Biotic Crust ☐ Aquatic In ☐ Hydrogen ☐ Oxidized F ☐ Presence ☐ Recent Irc ☐ Thin Muck ☐ Other (Exp	(B11) st (B12) vertebrates (B1: Sulfide Odor (C Rhizospheres al of Reduced Iror on Reduction in a Surface (C7) plain in Remarks	ong Livi ong Livi n (C4) Tilled So	. , ,	□ Water Marks (B1) (Riverine)     □ Sediment Deposits (B2) (Riverine)     □ Drift Deposits (Riverine)     □ Drainage Patterns (B10)     □ Dry-Season Water Table (C2)     □ Crayfish Burrows (C8)     □ Saturation Visible on Aerial Imagery (C9)     □ Shallow Aquitard (D3)
Wetland Hydrology Indicators Primary Indicators (minimum of one required; of Surface Water (A1)  ☐ High Water Table (A2) ☐ Saturation (A3) ☐ Water Marks (B1) (Nonriverine) ☐ Drift Deposits (B2) (Nonriverine) ☐ Drift Deposits (B3) (Nonriverine) ☐ Surface Soil Cracks (B6) ☐ Inundation Visible on Aerial Imagery (B7) ☐ Water-Stained Leaves (B9)  Field Observations Surface Water Present? Yes ☐ No	Salt Crust Biotic Crust Aquatic In Hydrogen Oxidized F Presence Recent Irc Thin Muck Other (Exp	(B11) st (B12) vertebrates (B1: Sulfide Odor (C Rhizospheres al of Reduced Iror on Reduction in a Surface (C7) olain in Remarks	c1) ong Livi n (C4) Tilled So	pils (C6)	□ Water Marks (B1) (Riverine)     □ Sediment Deposits (B2) (Riverine)     □ Drift Deposits (Riverine)     □ Drainage Patterns (B10)     □ Dry-Season Water Table (C2)     □ Crayfish Burrows (C8)     □ Saturation Visible on Aerial Imagery (C9)     □ Shallow Aquitard (D3)     □ FAC-Neutral Test (D5)
Wetland Hydrology Indicators  Primary Indicators (minimum of one required; of Surface Water (A1)  ☐ High Water Table (A2) ☐ Saturation (A3) ☐ Water Marks (B1) (Nonriverine) ☐ Sediment Deposits (B2) (Nonriverine) ☐ Drift Deposits (B3) (Nonriverine) ☐ Surface Soil Cracks (B6) ☐ Inundation Visible on Aerial Imagery (B7) ☐ Water-Stained Leaves (B9)  Field Observations Surface Water Present? Yes ☐ Note that the North Present? Yes ☐ Note the North Present? Yes ☐ Note the North Present? Yes ☐ Note that the North Present? Yes ☐ Note that Present?	☐ Salt Crust ☐ Biotic Crust ☐ Aquatic In ☐ Hydrogen ☐ Oxidized F ☐ Presence ☐ Recent Irc ☐ Thin Muck ☐ Other (Exp	(B11) st (B12) vertebrates (B1: Sulfide Odor (C Rhizospheres al of Reduced Iror on Reduction in a Surface (C7) plain in Remarks	c1) ong Livi n (C4) Tilled So	pils (C6)	□ Water Marks (B1) (Riverine)     □ Sediment Deposits (B2) (Riverine)     □ Drift Deposits (Riverine)     □ Drainage Patterns (B10)     □ Dry-Season Water Table (C2)     □ Crayfish Burrows (C8)     □ Saturation Visible on Aerial Imagery (C9)     □ Shallow Aquitard (D3)
Wetland Hydrology Indicators Primary Indicators (minimum of one required; or Surface Water (A1)  ☐ High Water Table (A2) ☐ Saturation (A3) ☐ Water Marks (B1) (Nonriverine) ☐ Sediment Deposits (B2) (Nonriverine) ☐ Drift Deposits (B3) (Nonriverine) ☐ Surface Soil Cracks (B6) ☐ Inundation Visible on Aerial Imagery (B7) ☐ Water-Stained Leaves (B9)  Field Observations Surface Water Present? Yes ☐ Note that the North Present? Yes ☐ Note that Prese	Salt Crust Biotic Crust Aquatic In Hydrogen Oxidized F Presence Recent Irc Thin Muck Other (Exp	(B11) st (B12) vertebrates (B1: Sulfide Odor (C Rhizospheres al of Reduced Iror on Reduction in a Surface (C7) plain in Remarks	c1) ong Livi n (C4) Tilled So	pils (C6)	□ Water Marks (B1) (Riverine)     □ Sediment Deposits (B2) (Riverine)     □ Drift Deposits (Riverine)     □ Drainage Patterns (B10)     □ Dry-Season Water Table (C2)     □ Crayfish Burrows (C8)     □ Saturation Visible on Aerial Imagery (C9)     □ Shallow Aquitard (D3)     □ FAC-Neutral Test (D5)
Wetland Hydrology Indicators  Primary Indicators (minimum of one required; of Surface Water (A1)  ☐ High Water Table (A2) ☐ Saturation (A3) ☐ Water Marks (B1) (Nonriverine) ☐ Sediment Deposits (B2) (Nonriverine) ☐ Drift Deposits (B3) (Nonriverine) ☐ Surface Soil Cracks (B6) ☐ Inundation Visible on Aerial Imagery (B7) ☐ Water-Stained Leaves (B9)  Field Observations Surface Water Present? Yes ☐ Note that the North Present? Yes ☐ Note the North Present? Yes ☐ Note the North Present? Yes ☐ Note that the North Present? Yes ☐ Note that Present?	☐ Salt Crust ☐ Biotic Crust ☐ Aquatic In ☐ Hydrogen ☐ Oxidized F ☐ Presence ☐ Recent Irc ☐ Thin Muck ☐ Other (Exp	(B11) st (B12) vertebrates (B1: Sulfide Odor (C Rhizospheres al of Reduced Iror on Reduction in a Surface (C7) plain in Remarks	c1) ong Livi n (C4) Tilled So	pils (C6)	□ Water Marks (B1) (Riverine)     □ Sediment Deposits (B2) (Riverine)     □ Drift Deposits (Riverine)     □ Drainage Patterns (B10)     □ Dry-Season Water Table (C2)     □ Crayfish Burrows (C8)     □ Saturation Visible on Aerial Imagery (C9)     □ Shallow Aquitard (D3)     □ FAC-Neutral Test (D5)
Wetland Hydrology Indicators  Primary Indicators (minimum of one required; or Surface Water (A1)  ☐ High Water Table (A2) ☐ Saturation (A3) ☐ Water Marks (B1) (Nonriverine) ☐ Sediment Deposits (B2) (Nonriverine) ☐ Drift Deposits (B3) (Nonriverine) ☐ Surface Soil Cracks (B6) ☐ Inundation Visible on Aerial Imagery (B7) ☐ Water-Stained Leaves (B9)  Field Observations Surface Water Present? Yes ☐ Note Water Table Present? Yes ☐ Note Saturation Present? Yes ☐ Note	Salt Crust Biotic Crust Aquatic In Hydrogen Oxidized F Presence Recent Irc Thin Muck Other (Exp	(B11) st (B12) vertebrates (B1: Sulfide Odor (C Rhizospheres al of Reduced Iror on Reduction in a Surface (C7) olain in Remarks	c1) ong Livi n (C4) Tilled So s) We	etland Hydrology	Water Marks (B1) (Riverine)  Sediment Deposits (B2) (Riverine)  Drift Deposits (Riverine)  Drainage Patterns (B10)  Dry-Season Water Table (C2)  Crayfish Burrows (C8)  Saturation Visible on Aerial Imagery (C9)  Shallow Aquitard (D3)  FAC-Neutral Test (D5)
Wetland Hydrology Indicators  Primary Indicators (minimum of one required; or Surface Water (A1)  ☐ High Water Table (A2) ☐ Saturation (A3) ☐ Water Marks (B1) (Nonriverine) ☐ Drift Deposits (B2) (Nonriverine) ☐ Drift Deposits (B3) (Nonriverine) ☐ Surface Soil Cracks (B6) ☐ Inundation Visible on Aerial Imagery (B7) ☐ Water-Stained Leaves (B9)  Field Observations Surface Water Present? Yes ☐ Note of Note	Salt Crust Biotic Crust Aquatic In Hydrogen Oxidized F Presence Recent Irc Thin Muck Other (Exp	(B11) st (B12) vertebrates (B1: Sulfide Odor (C Rhizospheres al of Reduced Iror on Reduction in a Surface (C7) olain in Remarks	c1) ong Livi n (C4) Tilled So s) We	etland Hydrology	Water Marks (B1) (Riverine)  Sediment Deposits (B2) (Riverine)  Drift Deposits (Riverine)  Drainage Patterns (B10)  Dry-Season Water Table (C2)  Crayfish Burrows (C8)  Saturation Visible on Aerial Imagery (C9)  Shallow Aquitard (D3)  FAC-Neutral Test (D5)
Wetland Hydrology Indicators  Primary Indicators (minimum of one required; of Surface Water (A1)  ☐ High Water Table (A2) ☐ Saturation (A3) ☐ Water Marks (B1) (Nonriverine) ☐ Drift Deposits (B2) (Nonriverine) ☐ Drift Deposits (B3) (Nonriverine) ☐ Surface Soil Cracks (B6) ☐ Inundation Visible on Aerial Imagery (B7) ☐ Water-Stained Leaves (B9)  Field Observations  Surface Water Present? Yes ☐ Note of Not	Salt Crust Biotic Crust Aquatic In Hydrogen Oxidized F Presence Recent Irc Thin Muck Other (Exp	(B11) st (B12) vertebrates (B1: Sulfide Odor (C Rhizospheres al of Reduced Iror on Reduction in a Surface (C7) olain in Remarks	c1) ong Livi n (C4) Tilled So s) We	etland Hydrology	Water Marks (B1) (Riverine)  Sediment Deposits (B2) (Riverine)  Drift Deposits (Riverine)  Drainage Patterns (B10)  Dry-Season Water Table (C2)  Crayfish Burrows (C8)  Saturation Visible on Aerial Imagery (C9)  Shallow Aquitard (D3)  FAC-Neutral Test (D5)
Wetland Hydrology Indicators  Primary Indicators (minimum of one required; or Surface Water (A1)  ☐ High Water Table (A2) ☐ Saturation (A3) ☐ Water Marks (B1) (Nonriverine) ☐ Sediment Deposits (B2) (Nonriverine) ☐ Drift Deposits (B3) (Nonriverine) ☐ Surface Soil Cracks (B6) ☐ Inundation Visible on Aerial Imagery (B7) ☐ Water-Stained Leaves (B9)  Field Observations Surface Water Present? Yes ☐ Note of N	Salt Crust Biotic Crust Aquatic In Hydrogen Oxidized F Presence Recent Irc Thin Muck Other (Exp	(B11) st (B12) vertebrates (B1: Sulfide Odor (C Rhizospheres al of Reduced Iror on Reduction in a Surface (C7) olain in Remarks	c1) ong Livi n (C4) Tilled So s) We	etland Hydrology	Water Marks (B1) (Riverine)  Sediment Deposits (B2) (Riverine)  Drift Deposits (Riverine)  Drainage Patterns (B10)  Dry-Season Water Table (C2)  Crayfish Burrows (C8)  Saturation Visible on Aerial Imagery (C9)  Shallow Aquitard (D3)  FAC-Neutral Test (D5)
Wetland Hydrology Indicators  Primary Indicators (minimum of one required; or Surface Water (A1)  ☐ High Water Table (A2) ☐ Saturation (A3) ☐ Water Marks (B1) (Nonriverine) ☐ Drift Deposits (B2) (Nonriverine) ☐ Drift Deposits (B3) (Nonriverine) ☐ Surface Soil Cracks (B6) ☐ Inundation Visible on Aerial Imagery (B7) ☐ Water-Stained Leaves (B9)  Field Observations Surface Water Present? Yes ☐ Note of Note	Salt Crust Biotic Crust Aquatic In Hydrogen Oxidized F Presence Recent Irc Thin Muck Other (Exp	(B11) st (B12) vertebrates (B1: Sulfide Odor (C Rhizospheres al of Reduced Iror on Reduction in a Surface (C7) olain in Remarks	c1) ong Livi n (C4) Tilled So s) We	etland Hydrology	Water Marks (B1) (Riverine)  Sediment Deposits (B2) (Riverine)  Drift Deposits (Riverine)  Drainage Patterns (B10)  Dry-Season Water Table (C2)  Crayfish Burrows (C8)  Saturation Visible on Aerial Imagery (C9)  Shallow Aquitard (D3)  FAC-Neutral Test (D5)
Wetland Hydrology Indicators  Primary Indicators (minimum of one required; or Surface Water (A1)  ☐ High Water Table (A2) ☐ Saturation (A3) ☐ Water Marks (B1) (Nonriverine) ☐ Drift Deposits (B2) (Nonriverine) ☐ Drift Deposits (B3) (Nonriverine) ☐ Surface Soil Cracks (B6) ☐ Inundation Visible on Aerial Imagery (B7) ☐ Water-Stained Leaves (B9)  Field Observations Surface Water Present? Yes ☐ Note of Yes ☐ Yes ☐ Note of Yes ☐ Yes ☐ Note of Yes ☐ Yes	Salt Crust Biotic Crust Aquatic In Hydrogen Oxidized F Presence Recent Irc Thin Muck Other (Exp	(B11) st (B12) vertebrates (B1: Sulfide Odor (C Rhizospheres al of Reduced Iror on Reduction in a Surface (C7) olain in Remarks	c1) ong Livi n (C4) Tilled So s) We	etland Hydrology	Water Marks (B1) (Riverine)  Sediment Deposits (B2) (Riverine)  Drift Deposits (Riverine)  Drainage Patterns (B10)  Dry-Season Water Table (C2)  Crayfish Burrows (C8)  Saturation Visible on Aerial Imagery (C9)  Shallow Aquitard (D3)  FAC-Neutral Test (D5)
Wetland Hydrology Indicators  Primary Indicators (minimum of one required; or Surface Water (A1)  ☐ High Water Table (A2) ☐ Saturation (A3) ☐ Water Marks (B1) (Nonriverine) ☐ Sediment Deposits (B2) (Nonriverine) ☐ Drift Deposits (B3) (Nonriverine) ☐ Surface Soil Cracks (B6) ☐ Inundation Visible on Aerial Imagery (B7) ☐ Water-Stained Leaves (B9)  Field Observations Surface Water Present? Yes ☐ Note of N	Salt Crust Biotic Crust Aquatic In Hydrogen Oxidized F Presence Recent Irc Thin Muck Other (Exp	(B11) st (B12) vertebrates (B1: Sulfide Odor (C Rhizospheres al of Reduced Iror on Reduction in a Surface (C7) olain in Remarks	c1) ong Livi n (C4) Tilled So s) We	etland Hydrology	Water Marks (B1) (Riverine)  Sediment Deposits (B2) (Riverine)  Drift Deposits (Riverine)  Drainage Patterns (B10)  Dry-Season Water Table (C2)  Crayfish Burrows (C8)  Saturation Visible on Aerial Imagery (C9)  Shallow Aquitard (D3)  FAC-Neutral Test (D5)

Hydric soils present?	ypical for this unificantly dist unificantly pro	time of y turbed? blematic ng sam	Local r Lat: 47 year? Yes 2 ? (If needed	Section: 2 relief (concave⊠, convex⊡, r 7.11576 Long: -120.61201  ☑ No □ (If no, explain in Rem Are "Normal Circumstance d, explain in Remarks)	Datum: NAD83(2011) NWI Classification: narks) pes" present? Yes ☐ No ☑ nportant features, etc.
Remarks: First Creek Wetland					
Grazed					
VEGETATION – Use scientific names o		Dominon	t Indicator	Deminance Test weaksheet	
<u>Tree Stratum</u> (Plot size:30')  1 2 3 4	Absolute % Cover		t Indicator  Status	Number of Dominant Species that are OBL, FACW, or FAC: Total Number of Dominant Species Across All Strata:	2 (A) 2 (B)
Outlies (Ohrste Outlies (Plate's 451)		= Total C	Cover	Percent of Dominant Species that are OBL, FACW, or FAC:	100 (A/B)
Sapling/Shrub Stratum (Plot size:15')				Prevalence Index worksheet:	
1 2 3 4 5  Herb Stratum (Plot size:5')  1. Juncus effusus 2. Trifolium repens 3. UNID grazed grass	30 30 30		Eover  FACW FAC	Total % Cover of:  OBL species  FACW species  FAC species  UPL species  Column Totals(A)  Prevalence inde	<u></u>
4			·	Dominance Test is >50%	ators.
5 6				☐ Prevalence Index is ≤3.0¹	
7 8			<u> </u>	☐ Morphological Adaptations¹ Remarks or on a sep	parate sheet)
Woody Vine Stratum (Plot size: ) 1	90%	= Total C	cover	Problematic Hydrophytic Ve  Indicators of hydric soil and we present, unless disturbed or pro	etland hydrology must be
2	% Cover of B	= Total C		Hydrophytic vegetation pr	esent? Yes ⊠ No □
Remarks:					

		ribe to the	•			dicator o	r confirm the abse	nce of indicators.)				
Depth (inches)	Matrix Color (moist)	%	Color (moist)	Redox Fea %	atures Type1	Loc <sub>2</sub>	— Texture	Remarks				
0-8	10YR 2/2	90	7.5YR 4/6	10	С	M	slit loam	very compacted				
hardpan	1011( 2/2	30	7.511(4/0	10		IVI	Sili Idaiii	very compacted				
		<u> </u>				-						
<sup>1</sup> Type: C=Concentration; D=Depletion; RM=Reduced matrix; CS=Covered or Coated Sand Grains. <sup>2</sup> Location: PL=Pore linings; M=Matrix												
Hydric So	Hydric Soils Indicators: (Applicable to all LRRs, unless otherwise noted.)  Indicators for Problematic Hydric Soils <sup>3</sup> :											
☐ Histoso	☐ Histosol (A1) ☐ Sandy Redox (S5)							☐ 1 cm Muck (A9) ( <b>LRR C</b> )				
☐ Histic E	pipedon (A2)		☐ Stri	pped Mat	rix (S6)		2 cm Muc	ck (A10) ( <b>LRR B</b> )				
☐ Black H	listic (A3)		☐ Loa	amy Muck	y Material (	F1)	☐ Reduced	Vertic (F18)				
☐ Hydrog	en Sulfide (A4)		☐ Loa	amy Gleye	ed Matrix (F	2)	☐ Red Pare	ent Material (TF2)				
☐ Stratifie	d Layers (A5) ( <b>L</b>	RR C)	☐ De <sub>l</sub>	oleted Ma	trix (F3)		Other (Ex	xplain in Remarks)				
☐ 1 cm M	uck (A9) (LRR D	)	⊠ Red	dox Dark	Surface (F6	5)						
☐ Deplete	ed Below Dark Su	urface (A11)	☐ De <sub>l</sub>	oleted Da	rk Surface (	F7)						
☐ Thick D	ark Surface (A12	2)	☐ Red	dox Depre	ssions (F8)	)	OL 11					
☐ Sandy I	Mucky Material (	S1)	☐ Ver	nal Pools	(F9)			f hydrophytic vegetation and wetland hydrology				
☐ Sandy Gleyed Matrix (S4) must be present, unless disturbed or problematic.												
Restrictive	Layer (if present	:):										
Type:							Hydric Soils Pro	sent? Ves ⊠ No □				
Injunio construcción. Tes 🖾 Ne 🗀								Seilt: 162 🖾 140 🗀				
	Depth (inches):											
Remarks:												
HYDROI	OGY											
	lydrology Indica	itors										
	dicators (minimur	m of one red					Secondary Indicators (2 or more required)					
	Water (A1)			Salt Crust	` '			Water Marks (B1) (Riverine)				
_	ater Table (A2)			Biotic Cru		(5.40)		Sediment Deposits (B2) (Riverine)				
☐ Saturat					vertebrates			Drift Deposits (Riverine)				
	Marks (B1) (Nonr				Sulfide Od			☐ Drainage Patterns (B10)				
	ent Deposits (B2)	`	<i>'</i>			_	_iving Roots (C3)	☐ Dry-Season Water Table (C2)				
	posits (B3) (Non				of Reduced			Crayfish Burrows (C8)				
	Soil Cracks (B6				n Reductio		Soils (C6)	☐ Saturation Visible on Aerial Imagery (C9)				
	ion Visible on Ae				Surface (C	,		☐ Shallow Aquitard (D3)				
	Stained Leaves (I	B9)		Other (Ex	plain in Rer	narks)		☐ FAC-Neutral Test (D5)				
Field Obse												
	ater Present?		es 🗌 No 🔲 De				Wetland Hydrolog	y Present? Yes ⊠ No □				
	le Present?		es 🗌 No 🔲 De				Tradiana Hydrolog	y. 1036Ht: 103 ⊠ 110 □				
Saturation (includes of	Present? apillary fringe)	Υe	es 🗌 No 🔲 De	pth (in.) _								
Describe R	Recorded Data (s	tream gaug	e, monitoring w	ell, aerial	photos, pre	vious insp	ections), if available	e:				
Domonico	Dahwass stor		a language de ce									
kemarks:	Between stream	and surfac	e inundation; pi	resumed s	saturated in	spring						

Project/Site: <u>Desert Claim</u>		City	/County: Ell	ensburg/Kittitas County	Sampling Date: 9-27-17			
Applicant/Owner: <u>EDF</u>		Stat	te: <u>WA</u>		Sampling Point: GA-SP-46			
Investigator(s): CW, JD Grette Associates				_	2 <u>9</u> Township: <u>19</u> Range: <u>18</u>			
Landform (hillslope, terrace, etc.): slight slope				relief (concave□, convex□, r	· · · · · · · · · · · · · · · · · · ·			
Subregion (LRR): <u>B</u>			Lat: <u>47</u>	<u>7.11570</u> Long: <u>-120.61216</u>	Datum: NAD83(2011)			
Soil Map Name: Modsel complex, 0-5% slopes			5	<b>7 7</b>	NWI Classification:			
Are climatic/hydrologic conditions on the site typ								
Are Vegetation Soil , or Hydrology sign	-				es" present? Yes ⊠ No ☐			
Are Vegetation ☐ Soil ☐, or Hydrology ☐ sign			•					
SUMMARY OF FINDINGS – Attach site m			npiing poii	nt locations, transects, in	iportant features, etc.			
	es 🗌 No 🛭							
	es 🗌 No 🛭		Is the san	the sampled area within a wetland? Yes 🗌 No 🖂				
	es 🗌 No 🏻	<u> </u>						
Remarks: First Creek Wetland								
VEGETATION – Use scientific names of	plants							
Tree Stratum (Plot size:30')		Domina Species	nt Indicator	Dominance Test worksheet:				
, ,	76 COVEL	Species	Status	Number of Dominant Species				
1				that are OBL, FACW, or FAC:	<u>0 (A)</u>			
2				Total Number of Dominant				
3				Species Across All Strata:	<u>3 (B)</u>			
4				Percent of Dominant Species				
		= Total	Cover	that are OBL, FACW, or FAC:	<u>0 (A/B)</u>			
Sapling/Shrub Stratum (Plot size:15')				Prevalence Index worksheet:				
1								
2				Total % Cover of:	Multiply by:			
3				OBL species	x 1 =			
4				FACW species	x 2 =			
5				FAC species	x 3 =			
		= Total (	Cover	FACU species	x 4 =			
Herb Stratum (Plot size:5')				UPL species(A)	x 5 =			
1. Poa secunda	<u>40</u>	<u>Y</u>	FACU	Column Totals(A)	(B)			
2. <u>Agrostis scabra</u>	40	<u>Y</u>	NL	Provolence inde	v _ D/A _			
3. Collomia grandiflora	<u>20</u>	<u>Y</u>	NL	Prevalence inde				
4				Hydrophytic Vegetation indica	ators:			
5				☐ Dominance Test is >50%				
6				☐ Prevalence Index is ≤3.0 <sup>1</sup>				
7				☐ Morphological Adaptations¹				
8				Remarks or on a sep	,			
	<u>100%</u>	= Total (	Cover	Problematic Hydrophytic Ve				
Woody Vine Stratum (Plot size: )				<sup>1</sup> Indicators of hydric soil and we present, unless disturbed or pro				
1								
2								
		= Total (	Cover	Hydrophytic vegetation pro	esent? Yes 🗌 No 🛚			
% Bare Ground in Herb Stratum 9	% Cover of E	Biotic Crus	st					
Remarks:								

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)											
Depth	Matrix		F	Redox Fea	atures						
(inches)	Color (moist)	%	Color (moist)	%	Type <sub>1</sub>	Loc <sub>2</sub>	Texture	Remarks			
0-3 hardpan	10YR 3/2	100	7.5YR 4/6				cobbly silt loa	ım			
Патарап											
<sup>1</sup> Type: C=C	<sup>1</sup> Type: C=Concentration; D=Depletion; RM=Reduced matrix; CS=Covered or Coated Sand Grains. <sup>2</sup> Location: PL=Pore linings; M=Matrix										
Hvdric Soi	Is Indicators: (A	Applicable 1	to all LRRs. un	less othe	rwise noted	.)	Indicators fo	or Problematic Hydric Soils <sup>3</sup> :			
_	·					,		•			
Histoso	, ,			ndy Redox				k (A9) (LRR C)			
	pipedon (A2)			pped Mati		4\	2 cm Muck (A10) (LRR B)				
☐ Black H	. ,			-	y Material (F		Reduced	vertic (F18) nt Material (TF2)			
	en Sulfide (A4)	DD C\			d Matrix (F2)	)					
	d Layers (A5) ( <b>L</b> uck (A9) ( <b>LRR D</b>			oleted Mat	Surface (F6)		☐ Other (Ex	plain in Remarks)			
	d Below Dark St	,			k Surface (F6)	<b>7</b> )					
	ark Surface (A12	, ,			ssions (F8)	,,					
	Mucky Material (	•		nal Pools	. ,			hydrophytic vegetation and wetland hydrology			
	Gleyed Matrix (S	•	□ vei	nai i oois	(1 3)		must be pres	ent, unless disturbed or problematic.			
Candy (	Sicyca Matrix (O	) <del>-1</del> )									
Restrictive	Layer (if present	t):									
Туре:	_						Hydric Soils Pres	sent? Yes ☐ No ⊠			
Depth (inch	nes):										
Remarks:											
Remarks.											
HYDROL Wetland H	_OGY ydrology Indica	ntoro									
	dicators (minimu		uired; check al	that apply	V			Secondary Indicators (2 or more required)			
Surface	Water (A1)			Salt Crust				☐ Water Marks (B1) (Riverine)			
☐ High Wa	ater Table (A2)			Biotic Cru	st (B12)			☐ Sediment Deposits (B2) (Riverine)			
☐ Saturati	on (A3)				vertebrates (			☐ Drift Deposits ( <b>Riverine</b> )			
☐ Water N	farks (B1) ( <b>Non</b> i	riverine)		Hydrogen	Sulfide Odo	r (C1)		☐ Drainage Patterns (B10)			
☐ Sedime	nt Deposits (B2)	(Nonriveri	ne)	Oxidized F	Rhizospheres	s along l	iving Roots (C3)	☐ Dry-Season Water Table (C2)			
☐ Drift De	posits (B3) ( <b>No</b> n	rriverine)		Presence	of Reduced	Iron (C4	)	☐ Crayfish Burrows (C8)			
	Soil Cracks (B6	•		Recent Iro	n Reduction	in Tillec	Soils (C6)	☐ Saturation Visible on Aerial Imagery (C9)			
☐ Inundat	on Visible on Ae	erial Imagery	′ (B7)	Thin Muck	Surface (C7	7)		☐ Shallow Aquitard (D3)			
☐ Water-S	Stained Leaves (	B9)		Other (Exp	plain in Rema	arks)					
Field Obse	ervations										
Surface Wa	ater Present?	Υe	es 🗌 No 🔲 De	oth (in.)							
Water Tabl			es 🗌 No 🔲 De				Wetland Hydrology	/ Present? Yes ☐ No ⊠			
				, ,			, 0,	<u> </u>			
Saturation (includes c	Present? apillary fringe)	Ye	es 🗌 No 🗌 De	oth (in.)							
			1								
Describe R	ecorded Data (s	stream gaug	e, monitoring w	ell, aerial p	ohotos, previ	ous insp	ections), if available	):			
Remarks:											
I											

Project/Site: Desert Claim		City	/County: <u>El</u>	lensburg/Kittitas County	Sampling Date: 9-27-17
Applicant/Owner: EDF		Stat	e: <u>WA</u>		Sampling Point: GA-SP-47
Investigator(s): CW, JD Grette Associates				Section:	29 Township: 19 Range: 18
Landform (hillslope, terrace, etc.): $\underline{\text{slight slope}}$				relief (concave□, convex□,	none⊠: Slope (%): <u>5</u>
Subregion (LRR): <u>B</u>			Lat: <u>4</u>	7.13017 Long: -120.61308	Datum: NAD83(2011)
Soil Map Name: Maxhill ashy loam, 0-5% slope					NWI Classification:
Are climatic/hydrologic conditions on the site ty			year?Yes		
Are Vegetation ☐ Soil ☐, or Hydrology ☐ sig					ices" present? Yes 🛛 No 🗌
Are Vegetation $\square$ Soil $\square$ , or Hydrology $\square$ sig	nificantly pr	oblemation	:? (If neede	ed, explain in Remarks)	
SUMMARY OF FINDINGS – Attach site	map show	ing sam	pling poi	nt locations, transects, i	mportant features, etc.
Hydrophytic vegetation present?	Yes 🗌 No	$\boxtimes$			
Hydric soils present?	Yes 🗌 No	$\boxtimes$	le the sar	mpled area within a wetland	l? Yes ☐ No ⊠
Wetland hydrology present?	Yes 🗌 No	$\boxtimes$	15 1110 541	inpica area within a wettane	i. ics _ ito _
Remarks: R100					
\					
VEGETATION – Use scientific names of		e Dominar	nt Indicator	Dominance Test worksheet:	
Tree Stratum (Plot size:30')		r Species			
1				Number of Dominant Species that are OBL, FACW, or FAC:	0 (4)
2					<u>0 (A)</u>
3				Total Number of Dominant	
4				Species Across All Strata:	<u>2 (B)</u>
		= Total C	Cover	Percent of Dominant Species	
Sapling/Shrub Stratum (Plot size:15')				that are OBL, FACW, or FAC:	<u>0 (A/B)</u>
				Prevalence Index worksheet	:
1				Tatalay Cassas of	Maddatatat
2			-	Total % Cover of:	Multiply by:
3				OBL species	x 1 = x 2 =
4 5				FAC species	x 3 =
J				FACU species	x 4 =
		= Total C	Jover	UPL species	x 5 =
Herb Stratum (Plot size:5')				Column Totals(A)	(B)
1. Poa secunda	<u>50</u>	<u>Y</u>	<u>FACU</u>	( )	(-/
2. <u>Lomatium nudicaule</u>	<u>10</u>	<u>N</u>	<u>UPL</u>	Prevalence inc	lex = B/A =
3. <u>Elymus glaucus</u>	<u>10</u>	<u>N</u>	<u>FACU</u>	Hydrophytic Vegetation indi	
4. <u>Poa pratensis</u>	<u>10</u>	<u>N</u>	<u>FAC</u>	Dominance Test is >50%	
5. <u>Poa wheeleri</u>	<u>20</u>	<u>Y</u>	<u>NL</u>	_	
6				☐ Prevalence Index is ≤3.0 <sup>1</sup>	
7				Morphological Adaptations	
8				Remarks or on a se	'
	<u>100%</u>	= Total (	Cover	Problematic Hydrophytic V	
Woody Vine Stratum (Plot size: )				<sup>1</sup> Indicators of hydric soil and w present, unless disturbed or p	
1					
2					
		= Total (	Cover	Hydrophytic vegetation p	resent? Yes ☐ No ⊠
% Bare Ground in Herb Stratum	% Cover of	Biotic Crus	t		
Remarks:					

Profile De Depth	scription: (Desc Matrix	ribe to the	depth needed	needed to document the indicator of Redox Features		dicator or	confirm the abser	of indicators.)	
(inches)	Color (moist)	%	Color (moist)		Type <sub>1</sub>	Loc <sub>2</sub>	 Texture	Remarks	
0-3	10YR 2/2	100	<u> </u>		T		gravelly loam	1	
3-12	10YR 3/2	100					gravelly loam		
					ļ				
						-			
	<b>-</b>				-				
Type: C=0	Concentration: D	Depletion:	RM=Reduced	matrix: CS	=Covered o	or Coated	Sand Grains <sup>2</sup> Lo	cation: PL=Pore linings; M=Matrix	
	ils Indicators: (/							or Problematic Hydric Soils <sup>3</sup> :	
	•					· · · · ·		•	
Histoso	` ,			andy Redo				ck (A9) (LRR C)	
	pipedon (A2)			ripped Mat				ck (A10) ( <b>LRR B</b> )	
☐ Black F	· ·				y Material (		Reduced	` '	
	en Sulfide (A4)			-	ed Matrix (F	2)	<del></del>	ent Material (TF2)	
	ed Layers (A5) (L			epleted Ma				xplain in Remarks)	
	uck (A9) (LRR D	•			Surface (F6	,			
	ed Below Dark Su	, ,			rk Surface (				
	ark Surface (A12	,			essions (F8)	)	3Indicators of	f hydrophytic vegetation and wetland hydrology	
☐ Sandy	Mucky Material (	S1)	□ Ve	ernal Pools	(F9)			sent, unless disturbed or problematic.	
☐ Sandy	Gleyed Matrix (S	4)						,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
Restrictive	Layer (if present	t):							
Type:							Hydric Soils Pre	sent? Yes ☐ No ⊠	
	hes):						Tryunc don's rie.	Schit: 163 🗆 140 🖂	
Remarks									
HYDRO	I OGV								
	lydrology Indica	ntors							
Primary Inc	dicators (minimu							Secondary Indicators (2 or more required)	
	Water (A1)			Salt Crust	t (B11)			☐ Water Marks (B1) (Riverine)	
☐ High W	ater Table (A2)			Biotic Cru	ıst (B12)		☐ Sediment Deposits (B2) (Riverine)		
☐ Saturat	ion (A3)			Aquatic Ir	nvertebrates	(B13)		☐ Drift Deposits ( <b>Riverine</b> )	
☐ Water N	Marks (B1) ( <b>Non</b> ı	riverine)		Hydrogen	Sulfide Od	or (C1)		☐ Drainage Patterns (B10)	
☐ Sedime	ent Deposits (B2)	(Nonriveri	ne)	Oxidized	Rhizosphere	es along L	iving Roots (C3)	☐ Dry-Season Water Table (C2)	
☐ Drift De	posits (B3) (Non	riverine)		Presence	of Reduced	d Iron (C4)	)	☐ Crayfish Burrows (C8)	
☐ Surface	Soil Cracks (B6	)		Recent Ire	on Reductio	n in Tilled	Soils (C6)	☐ Saturation Visible on Aerial Imagery (C9)	
☐ Inundat	ion Visible on Ae	erial Imagery	/ (B7)	Thin Muc	k Surface (C	27)		☐ Shallow Aquitard (D3)	
☐ Water-S	Stained Leaves (	B9)		Other (Ex	plain in Ren	narks)		☐ FAC-Neutral Test (D5)	
Field Obs	ervations								
Surface W	ater Present?	Ye	es 🗌 No 🔲 D	epth (in.) _					
Water Tab	le Present?	Ye	es 🗌 No 🔲 D	epth (in.) _		'	Wetland Hydrolog	y Present? Yes □ No ⊠	
Saturation (includes of	Present? apillary fringe)	Ye	es 🗌 No 🔲 D	epth (in.) _					
Describe F	Recorded Data (s	tream gaug	e, monitoring v	vell, aerial	photos, pre	vious insp	ections), if available	ə:	
Remarks	<u> </u>								

Project/Site: <u>Desert Claim</u>		City	/County: Ell	ensburg/Kittitas County	Sampling Date: 9-27-17		
Applicant/Owner: <u>EDF</u>		Stat	e: WA	Sampling Point: GA-SP-			
Investigator(s): CW, JD Grette Associates				·	<u>20</u> Township: <u>19</u> Range: <u>18</u>		
Landform (hillslope, terrace, etc.): slope				relief (concave□, convex□,			
Subregion (LRR): <u>B</u>			Lat: <u>47</u>	7.13025 Long: <u>-120.61333</u>	Datum: NAD83(2011)		
Soil Map Name: <u>Maxhill ashy loam, 0-5% slope</u>			_	_	NWI Classification:		
Are climatic/hydrologic conditions on the site type			year?Yes 🛭				
Are Vegetation ☐ Soil ☐, or Hydrology ☐ sign	-		0.44		ces" present? Yes 🛛 No 🗌		
Are Vegetation ☐ Soil ☐, or Hydrology ☐ sign			•	•			
SUMMARY OF FINDINGS – Attach site n			npling poi	nt locations, transects, in	nportant features, etc.		
	′es ⊠ No [						
	′es ⊠ No [		Is the san	npled area within a wetland	? Yes ⊠ No □		
	′es ⊠ No [						
Remarks: R100							
VEGETATION – Use scientific names of	nlante						
VEGETATION — Use scientific fiames of	Absolute		nt Indicator	Dominance Test worksheet:			
Tree Stratum (Plot size:30')	% Cove	r Species	? Status	Number of Dominant Species			
1				that are OBL, FACW, or FAC:	<u>2 (A)</u>		
2				Total Number of Dominant	<u>2 (A)</u>		
3				Species Across All Strata:	<u>2 (B)</u>		
4					<u>2 (D)</u>		
		= Total (	Cover	Percent of Dominant Species that are OBL, FACW, or FAC:	100 (A/B)		
Sapling/Shrub Stratum (Plot size:15')				Prevalence Index worksheet:	<u> </u>		
1				Frevalence index worksheet.			
2				Total % Cover of:	Multiply by:		
3.				OBL species	x 1 =		
4				FACW species	x 2 =		
5				FAC species	x 3 =		
		= Total (	Cover	FACU species	x 4 =		
Herb Stratum (Plot size:5' )	· <u> </u>			UPL species	x 5 =		
	00		E4 0)4/	Column Totals(A)	(B)		
1. <u>Juncus balticus</u>	<u>60</u> 20	<u>Y</u> <u>Y</u>	FACW FAC				
Agrostis scabra     Iris missouriensis			<u>FAC</u> OBL	Prevalence inde	ex = B/A =		
4. Lotus denticulatus	<u>10</u> 10	<u>N</u> N	NL	Hydrophytic Vegetation indic	ators:		
5	<u>10</u>	18	IVL	☐ Dominance Test is >50%			
6				☐ Prevalence Index is ≤3.0 <sup>1</sup>			
7				☐ Morphological Adaptations¹	(provide supporting data in		
8				Remarks or on a se			
	100%	= Total (	Cover	☐ Problematic Hydrophytic Ve	egetation <sup>1</sup> (explain)		
Woody Vine Stratum (Plot size: )				<sup>1</sup> Indicators of hydric soil and we	etland hydrology must be		
1				present, unless disturbed or pro	oblematic.		
2.	·						
	·	= Total (	Cover	Hydrophytic vegetation pr	resent? Yes 🏻 No 🗀		
0/ David Crayed in Harth Charters	0/ 0			Trydrophytic vegetation pr	CSCIII: TCS MINO		
	% Cover of I	Blotic Crus	.T				
Remarks:							

Profile De		ribe to the	depth needed	to docum	nent the ind	icator or	confirm the abser	nce of indicators.)		
Depth (inches)	Matrix Color (moist)	%	Color (moist)	Redox Fea %	atures Type1	Loc <sub>2</sub>	 Texture	Remarks		
0-6	10YR 2/2	100	Color (moist)	70	Турет	L002	Texture	Remarks		
hardpan	1011(2/2	100								
						-				
						-				
<sup>1</sup> Type: C=C	oncentration: D	-Depletion:	PM-Peduced	matriv: CS	-Covered o	r Coated	Sand Grains 2 Lo	cation: PL=Pore linings; M=Matrix		
		-								
Hydric Soi	ils Indicators: (A	Applicable	to all LRRs, u	nless othe	rwise noted	d.)	Indicators fo	r Problematic Hydric Soils <sup>3</sup> :		
☐ Histoso	l (A1)		☐ Sa	ndy Redox	(S5)		☐ 1 cm Muc	k (A9) ( <b>LRR C</b> )		
☐ Histic E	pipedon (A2)		☐ Sti	ipped Mat	rix (S6)		2 cm Muck (A10) (LRR B)			
☐ Black H	istic (A3)		☐ Lo	amy Muck	y Material (F	1)	☐ Reduced Vertic (F18)			
☐ Hydroge	en Sulfide (A4)		☐ Lo	amy Gleye	ed Matrix (F2	2)	☐ Red Pare	nt Material (TF2)		
☐ Stratifie	d Layers (A5) ( <b>L</b>	RR C)	☐ De	pleted Mat	trix (F3)		Other (Ex	olain in Remarks)		
☐ 1 cm M	uck (A9) ( <b>LRR D</b>	)	☐ Re	dox Dark S	Surface (F6)					
□ Deplete	d Below Dark Su	urface (A11)	☐ De	pleted Dar	rk Surface (F	7)				
☐ Thick D	ark Surface (A12	2)	☐ Re	dox Depre	ssions (F8)					
☐ Sandy I	Mucky Material (	S1)	☐ Ve	rnal Pools	(F9)			hydrophytic vegetation and wetland hydrology ent, unless disturbed or problematic.		
☐ Sandy (	Gleyed Matrix (S	4)					must be pres	ent, unless distalbed of problematic.		
Restrictive	Layer (if present	·):								
	, , ,	.,.								
Type:							Hydric Soils Pres	sent? Yes ⊠ No □		
Depth (inch	nes):									
Remarks:	Presumed									
HYDROI										
Wetland H	ydrology Indica dicators (minimur	i <b>tors</b> m of one rec	wirod: chock o	II that appl	v			Secondary Indicators (2 or more required)		
☐ Surface	Water (A1)	ii oi one rec		Salt Crust				☐ Water Marks (B1) (Riverine)		
 ☐ High Wa	ater Table (A2)			Biotic Crus	st (B12)		Sediment Deposits (B2) (Riverine)			
☐ Saturati	, ,				vertebrates	(B13)		☐ Drift Deposits (Riverine)		
☐ Water N	/larks (B1) ( <b>Nonr</b>	riverine)		•	Sulfide Odd	, ,		☐ Drainage Patterns (B10)		
	nt Deposits (B2)					. ,	iving Roots (C3)	☐ Dry-Season Water Table (C2)		
	posits (B3) ( <b>Non</b>				of Reduced			☐ Crayfish Burrows (C8)		
	Soil Cracks (B6				n Reduction			☐ Saturation Visible on Aerial Imagery (C9)		
	ion Visible on Ae				Surface (C		,	☐ Shallow Aquitard (D3)		
	Stained Leaves (I				plain in Rem					
Field Obse		<u> </u>				<u> </u>		• •		
	ater Present?	Ye	es 🗌 No 🔲 De	onth (in )						
Water Tabl			es 🗌 No 🔲 De			,	Wetland Hydrology	r Present? Yes ⊠ No □		
							, , , , , ,			
Saturation (includes c	Present? apillary fringe)	Υe	es 🗌 No 🗌 De	pth (in.) _						
-		·				: !	antina) (formalist)			
Describe R	ecoraea Data (s	tream gaug	e, monitoring w	eii, aerial į	pnotos, prev	ious insp	ections), if available	:		
Remarks:	Dresumed									
ivemants.	FIESUITEU									

Project/Site: <u>Desert Claim</u>		City	/County: Ell	ensburg/Kittitas County	Sampling Date: <u>11-29-17</u>
Applicant/Owner: <u>EDF</u>		Stat	e: <u>WA</u>		Sampling Point: GA-SP-49
Investigator(s): <u>JD; Grette Associates</u>				Section: 2	<u>20</u> Township: <u>19</u> Range: <u>18</u>
Landform (hillslope, terrace, etc.): Channel			Local r	relief (concave∏, convex⊠, ı	none⊡: Slope (%): <u>4</u>
Subregion (LRR): <u>B</u>			Lat: <u>47</u>	<u>'.126047°</u> Long: <u>-120.618514</u> °	
Soil Map Name: Reeser-Reelow-Skettercomplex					NWI Classification:
Are climatic/hydrologic conditions on the site typ			year?Yes 🛭		
Are Vegetation ☐ Soil ☐, or Hydrology ☐ signi	-				es" present? Yes 🛛 No 🗌
Are Vegetation ☐ Soil ☐, or Hydrology ☐ signi	ificantly pro	oblematio	c? (If needed	d, explain in Remarks)	
SUMMARY OF FINDINGS – Attach site m	ap show	ing sam	pling poir	nt locations, transects, in	nportant features, etc.
Hydrophytic vegetation present? Yes	es 🛛 No [				
Hydric soils present?	es 🛛 No [		Is the san	npled area within a wetland?	? Yes ⊠ No □
Wetland hydrology present? Ye	es 🛛 No [				
Remarks: R169					
VEGETATION – Use scientific names of p		D	at to discount	Deminera Testamenteles d	
Tree Stratum (Plot size:30')		Dominar Species	nt Indicator ? Status	Dominance Test worksheet:	
	<u>70 0010.</u>	<u> </u>	<u> </u>	Number of Dominant Species	
1 2				that are OBL, FACW, or FAC:	<u>2 (A)</u>
3				Total Number of Dominant	
4			·	Species Across All Strata:	<u>2 (B)</u>
		= Total (	Cover	Percent of Dominant Species	
One line (Oharda Oharda (Plataina 451)		= Total C	JOVCI	that are OBL, FACW, or FAC:	100 (A/B)
Sapling/Shrub Stratum (Plot size:15')				Prevalence Index worksheet:	
1				T . 10/ 0 /	
2				Total % Cover of:	Multiply by:
3			-	OBL species FACW species	x 1 = x 2 =
4 5				FAC species	x 3 =
<del></del>		= Total (		FACU species	x 4 =
		= rotar (	Jover	UPL species	x 5 =
Herb Stratum (Plot size:5')				Column Totals(A)	(B)
1. <u>Poa spp.</u>	<u>40</u>	<u>Y</u>	<u>FAC</u>		
2. <u>Juncus balticus</u>	<u>40</u>	<u>Y</u>	<u>FACW</u>	Prevalence inde	ex = B/A =
3				Hydrophytic Vegetation indic	ators:
4 5			-		
6				Prevalence Index is ≤3.0 <sup>1</sup>	
7					Invovide augmenting data in
8.				☐ Morphological Adaptations¹ Remarks or on a set	
		= Total (	Cover	☐ Problematic Hydrophytic Ve	,
Woody Vine Stratum (Plot size: )				<sup>1</sup> Indicators of hydric soil and we	
				present, unless disturbed or pro	
1					
Z					
		= Total (	Cover	Hydrophytic vegetation pr	esent? Yes 🖂 No 🗌
% Bare Ground in Herb Stratum %	6 Cover of E	Biotic Crus	t		
Remarks:					

		ribe to the	depth needed			licator or	confirm the absen	ce of indicators.)		
Depth	Matrix Color (moist)	%	Color (moist)	Redox Fea		Loc <sub>2</sub>	 Texture	Pomorko		
(inches) *Rock	Color (moist)	70	Color (moist)	70	Type₁	LOC2	<del>-</del>	Remarks		
ROCK						-	Cobble			
				-						
·······························							- 3			
'Type: C=C	Concentration; D	=Depletion;	RM=Reduced	matrix; CS	=Covered o	r Coated	Sand Grains. Lo	cation: PL=Pore linings; M=Matrix		
Hydric Soi	ls Indicators: (/	Applicable	to all LRRs, u	nless othe	rwise note	d.)	Indicators fo	r Problematic Hydric Soils³:		
☐ Histosol	I (A1)		□sa	ndy Redox	(S5)		☐ 1 cm Muc	k (A9) (I RR C)		
	pipedon (A2)			ripped Mat			☐ 1 cm Muck (A9) ( <b>LRR C</b> ) ☐ 2 cm Muck (A10) ( <b>LRR B</b> )			
☐ Black Histic (A3) ☐ Loamy Mucky Material (F1)						=1)	Reduced Vertic (F18)			
	en Sulfide (A4)			-	ed Matrix (F2			nt Material (TF2)		
	d Layers (A5) ( <b>L</b>	RR C)		epleted Ma		,		plain in Remarks)		
	uck (A9) (LRR D				Surface (F6)	)	_ ` '	,		
	d Below Dark Su		De	epleted Da	rk Surface (I	F7)				
☐ Thick D	ark Surface (A12	2)			ssions (F8)					
☐ Sandy Mucky Material (S1) ☐ Vernal Pools (F9)								hydrophytic vegetation and wetland hydrology		
□ Sandy Mutcky Material (S1) □ Verhal 1 60/S (19) must be present, unless disturbed or problematic. □ Sandy Gleyed Matrix (S4)										
Postriotivo.	Layer (if present	٠١.								
_	Layer (ii presem	.).								
Type:	_						Hydric Soils Pres	sent? Yes ⊠ No □		
Depth (inch	nes):									
Remarks:	*Rocks on sur	face preve	ent excavation	n; hydric s	soils presu	med bas	ed on hydrology a	and vegetation		
HYDROL	_OGY									
	ydrology Indica							2		
	dicators (minimu Water (A1)	m of one red	quired; check a	ı <u>lı that appi</u> Salt Crust	<u>y</u> ∵(B11)			Secondary Indicators (2 or more required)  Water Marks (B1) (Riverine)		
	ater Table (A2)			Biotic Cru			Sediment Deposits (B2) (Riverine)			
☐ Saturati					vertebrates	(B13)		<ul><li>☑ Drift Deposits (Riverine)</li></ul>		
	/larks (B1) ( <b>Non</b> i	iverine)			Sulfide Odd			☐ Drainage Patterns (B10)		
	nt Deposits (B2)						iving Roots (C3)	☐ Dry-Season Water Table (C2)		
	posits (B3) ( <b>Non</b>	•	•		of Reduced	•	• , ,	☐ Crayfish Burrows (C8)		
	Soil Cracks (B6				on Reduction			☐ Saturation Visible on Aerial Imagery (C9)		
	ion Visible on Ae				c Surface (C		` '	☐ Shallow Aquitard (D3)		
☐ Water-S	Stained Leaves (	B9)		Other (Ex	plain in Rem	narks)		☐ FAC-Neutral Test (D5)		
Field Obse	ervations									
Surface Wa	ater Present?	Ye	es 🗌 No 🔯 De	enth (in.)						
Water Tabl			es 🗌 No 🖾 De			,	Wetland Hydrology	Present? Yes ⊠ No □		
							,			
Saturation (includes ca	Present? apillary fringe)	Υe	es 🗌 No 🖾 De	epth (in.) _	<del></del>					
•		troom cour	o monitoring	voll poriol	nhotos pro	ious issa	ections), if available			
Describe K	ecolueu Dala (S	ueam gaug	e, monitoring v	veii, aeiidi	priotos, prev	nous msp	echons), il avallable	•		
Remarks:										
. comano.										

Project/Site: Desert Claim		City	/County: El	lensburg/Kittitas County	Sampling Date: 11-29-17		
Applicant/Owner: EDF		Stat	e: <u>WA</u>	Sampling Point: GA-SP-5			
Investigator(s): JD; Grette Associates				Section:	: <u>20</u> Township: <u>19</u> Range: <u>18</u>		
Landform (hillslope, terrace, etc.): Terrace			Local	relief (concave□, convex□,	none⊠: Slope (%): <u>4</u>		
Subregion (LRR): <u>B</u>			Lat: 4	<u>7.125964°</u> Long: <u>-120.61858</u> (	6° Datum: NAD83(2011)		
Soil Map Name:					NWI Classification:		
Are climatic/hydrologic conditions on the site ty	pical for this	s time of	year? Yes [	🔀 No 🗌 (If no, explain in Re	marks)		
Are Vegetation ☐ Soil ☐, or Hydrology ☐ sig	-				nces" present? Yes 🛛 No 🗌		
Are Vegetation ☐ Soil ☐, or Hydrology ☐ sig	nificantly pr	oblematio	? (If neede	ed, explain in Remarks)			
<b>SUMMARY OF FINDINGS – Attach site</b>	map show	ing sam	npling poi	nt locations, transects, i	mportant features, etc.		
Hydrophytic vegetation present?	Yes 🗌 No [	$\boxtimes$					
Hydric soils present?	Yes 🗌 No 🏻	$\boxtimes$	le the cor	mpled area within a wetland	d? Yes □ No ⊠		
Wetland hydrology present?	Yes 🗌 No [	$\boxtimes$	is the sai	iipieu area witiiii a wetiaiit	ir res 🗆 No 🖂		
Remarks: R169							
VEGETATION – Use scientific names o		Dominar	nt Indicator	Dominance Test worksheet:			
Tree Stratum (Plot size:30')		r Species					
1				Number of Dominant Species			
2				that are OBL, FACW, or FAC:	<u>0 (A)</u>		
3.				Total Number of Dominant			
4				Species Across All Strata:	<u>3 (B)</u>		
		= Total (	Cover	Percent of Dominant Species			
Conling/Chrub Stratum (Diet aiza:15')				that are OBL, FACW, or FAC:			
Sapling/Shrub Stratum (Plot size:15')		.,		Prevalence Index workshee	t:		
1. <u>Purshia tridentata</u>	<u>10</u>	<u>Y</u>	<u>NL</u>	T-(-10/ O	Manufation In a large		
2				Total % Cover of:	Multiply by:		
3		-		OBL species	x 1 = x 2 =		
4 5				FACW species FAC species	x 3 =		
J	40			FACU species	x 4 =		
	<u>10</u>	= Total (	Jover	UPL species	x 5 =		
Herb Stratum (Plot size:5')				Column Totals(A)	(B)		
1. <u>Poa secunda</u>	<u>60</u>	<u>Y</u>	<u>FACU</u>	( )			
2. <u>Achillea millefolium</u>	<u>20</u>	<u>Y</u>	<u>FACU</u>	Prevalence inc	dex = B/A =		
3				Hydrophytic Vegetation indi	cators:		
4				□ Dominance Test is >50%			
5							
6				☐ Prevalence Index is ≤3.0¹			
7 8.				Morphological Adaptations Remarks or on a s			
0		= Total (	Cover	☐ Problematic Hydrophytic \	'		
Woody Vino Stratum (Plot aizo:		- rotar c	3010.	<sup>1</sup> Indicators of hydric soil and w			
Woody Vine Stratum (Plot size: )				present, unless disturbed or p			
1							
2							
		= Total (	Cover	Hydrophytic vegetation p	oresent? Yes ∐ No ⊠		
% Bare Ground in Herb Stratum	% Cover of I	Biotic Crus	t				
Remarks:							

Depth	scription: (Desc Matrix	ribe to the	•	to docum Redox Fea		icator oi	r confirm the absend	ce of indicators.)		
(inches)	Color (moist)	%	Color (moist)	%	Type₁	Loc <sub>2</sub>	Texture	Remarks		
0-18	5YR 3/3	100					Silt loam			
		ļ				-				
						-				
<sup>1</sup> Type: C=C	Concentration; D	=Depletion;	RM=Reduced i	natrix; CS	=Covered o	r Coated	Sand Grains. <sup>2</sup> Loc	ation: PL=Pore linings; M=Matrix		
Hydric Soi	ils Indicators: (/	Applicable	to all LRRs, ur	less othe	rwise noted	d.)	Indicators for	Problematic Hydric Soils <sup>3</sup> :		
Histoso	Ι (Δ1)		П са	ndy Redox	(95)		□ 1 cm Muck	(A9) (I RR C)		
	pipedon (A2)			pped Mat			☐ 1 cm Muck (A9) ( <b>LRR C</b> ) ☐ 2 cm Muck (A10) ( <b>LRR B</b> )			
☐ Black H					y Material (F	1)	☐ Reduced V			
	en Sulfide (A4)			-	ed Matrix (F2			t Material (TF2)		
	d Layers (A5) ( <b>L</b>	RR C)		oleted Ma		-,		lain in Remarks)		
	uck (A9) (LRR D				Surface (F6)		_ 、,	,		
	d Below Dark Su				k Surface (F					
☐ Thick D	ark Surface (A12	2)	□Re	dox Depre	ssions (F8)	ŕ				
☐ Sandy I	Mucky Material (	S1)	☐ Ve	nal Pools	(F9)			nydrophytic vegetation and wetland hydrology nt, unless disturbed or problematic.		
☐ Sandy (	Gleyed Matrix (S	4)					must be prese	int, unless disturbed of problematic.		
Restrictive	Layer (if present	.).								
		.,,.								
Type:							Hydric Soils Prese	ent? Yes ☐ No ⊠		
Depth (inch	nes):									
Remarks:										
HYDROI										
	ydrology Indica dicators (minimu		quirod: chock al	l that appl	v			Secondary Indicators (2 or more required)		
	Water (A1)	ii oi one rec		Salt Crust			<u> </u>	☐ Water Marks (B1) (Riverine)		
☐ High W	ater Table (A2)			Biotic Cru	st (B12)		☐ Sediment Deposits (B2) ( <b>Riverine</b> )			
☐ Saturati	on (A3)			Aquatic In	vertebrates	(B13)				
☐ Water N	Marks (B1) ( <b>Non</b> i	riverine)		Hydrogen	Sulfide Odd	or (C1)		☐ Drainage Patterns (B10)		
☐ Sedime	nt Deposits (B2)	(Nonriveri	ne)	Oxidized I	Rhizosphere	s along l	iving Roots (C3)	☐ Dry-Season Water Table (C2)		
☐ Drift De	posits (B3) ( <b>Non</b>	riverine)		Presence	of Reduced	Iron (C4	)	☐ Crayfish Burrows (C8)		
☐ Surface	Soil Cracks (B6	)		Recent Iro	n Reduction	n in Tilled	l Soils (C6)	Saturation Visible on Aerial Imagery (C9)		
☐ Inundat	ion Visible on Ae	erial Imagery	/ (B7)	Thin Muck	Surface (C	7)		☐ Shallow Aquitard (D3)		
☐ Water-S	Stained Leaves (	B9)		Other (Ex	plain in Rem	arks)		☐ FAC-Neutral Test (D5)		
Field Obse	ervations									
Surface Wa	ater Present?	Υe	es 🗌 No 🔲 De	pth (in.)						
Water Tabl	e Present?		es 🗌 No 🔲 De			,	Wetland Hydrology	Present? Yes ☐ No ⊠		
Saturation (includes c	apillary fringe)	Ye	es 🗌 No 🗌 De	ριπ (III.) <u> </u>						
		tream gaug	e monitoring w	ell aerial	nhotos prev	ious iner	pections), if available:			
POSOTING IV	.coo.aca Data (S	cam gaug	o, monitoring w	on, acrial	priotos, prev	iouo iiiop	, cononoj, ii avaliable.			
Remarks:										

Project/Site: Desert Claim		-	-	ensburg/Kittitas County	Sampling Date: <u>11-29-17</u>
Applicant/Owner: EDF		State	e: <u>WA</u>		Sampling Point: GA-SP-51
Investigator(s): <u>JD; Grette Associates</u>					20 Township: 19 Range: 18
Landform (hillslope, terrace, etc.):				relief (concave□, convex□, r	
Subregion (LRR): B	. 0 4- 5		· · · · · · · · · · · · · · · · · · ·	<u>'.128120°</u> Long: <u>-120.619735°</u>	<del>-</del>
Soil Map Name: Reeser-Reelow-Sketter complex				✓ No □ (If no avalois is Dom	NWI Classification:
Are climatic/hydrologic conditions on the site typic Are Vegetation ☐ Soil ☐, or Hydrology ☐ signif		-	real? Tes L		es" present? Yes 🛛 No 🗌
Are Vegetation Soil, or Hydrology signif	-		? (If neede		es present: res 🖂 No 🗀
SUMMARY OF FINDINGS – Attach site ma			·		nportant features, etc.
Hydrophytic vegetation present? Ye	s 🗌 No 🛭	3			
Hydric soils present? Ye	s 🗌 No 🛭	₃	le the can	npled area within a wetland?	? Yes □ No ⊠
Wetland hydrology present? Ye	s 🗌 No 🛭	◁	is the san	ipieu area within a wetianu:	r res 🗆 No 🖂
Remarks: R35					
VEGETATION – Use scientific names of p	lants				
	Absolute		t Indicator	Dominance Test worksheet:	
Tree Stratum (Plot size:30')	% Cover	Species?	Status	Number of Dominant Species	
1				that are OBL, FACW, or FAC:	<u>0 (A)</u>
2				Total Number of Dominant	
3 4		-	-	Species Across All Strata:	<u>2 (B)</u>
		= Total C	`auar	Percent of Dominant Species	
		= Total C	ovei	that are OBL, FACW, or FAC:	<u>0 (A/B)</u>
Sapling/Shrub Stratum (Plot size:15')				Prevalence Index worksheet:	
1					
2				Total % Cover of:	Multiply by:
3 4				OBL species FACW species	x 1 = x 2 =
5				FAC species	x 3 =
		= Total C	`over	FACU species	x 4 =
Harl Otrature (Plate Say 51)		- Total C	ovei	UPL species	x 5 =
Herb Stratum (Plot size:5')				Column Totals(A)	(B)
1. <u>Poa secunda</u>	<u>60</u>	<u>Y</u>	FACU		
2. <u>Lupinus wyethia</u>	<u>20</u>	<u>Y</u>	NL/UPL	Prevalence inde	ex = B/A =
3 4				Hydrophytic Vegetation indica	ators:
5				☐ Dominance Test is >50%	
6				☐ Prevalence Index is ≤3.0 <sup>1</sup>	
7				☐ Morphological Adaptations¹	
8		= Total C	`ovor	Remarks or on a sep  Problematic Hydrophytic Ve	,
Woody Vine Stratum (Plot size: )		= Total C	ovei	<sup>1</sup> Indicators of hydric soil and we	• • • • •
1				present, unless disturbed or pro	
2					
		= Total C	Cover	Hydrophytic vegetation pr	esent? Yes 🗌 No 🛛
% Bare Ground in Herb Stratum %	Cover of B	iotic Crust	i		
Remarks:				ı	

		ribe to the	depth needed			licator or	confirm the absence	e of indicators.)		
Depth	Matrix	%	Calar (masiat)	Redox Fea		1		Damada		
(inches)	Color (moist)	Ţ	Color (moist)	<u>%</u>	Type₁	Loc <sub>2</sub>	Texture	Remarks		
0-14	5YR 3/3	100				-	Cobbly silt loan	1		
						-				
				-		-				
<sup>1</sup> Type: C=C	Concentration; D	Depletion;	RM=Reduced	matrix; CS	=Covered o	r Coated	Sand Grains. <sup>2</sup> Loc	ation: PL=Pore linings; M=Matrix		
Hudria Sai	ils Indicators: (/	Annliaabla	to all I BBs	nlace othe	rwice note	۸ /	Indicators for	Problematic Hydric Soils <sup>3</sup> :		
nyuric Soi	iis indicators: (/	Applicable	to all LRRS, u	niess otne	erwise note	u.)	indicators for	Problematic Hydric Soils :		
☐ Histoso	I (A1)		☐ Sa	ndy Redox	k (S5)		☐ 1 cm Muck	(A9) ( <b>LRR C</b> )		
☐ Histic E	pipedon (A2)		☐ St	ripped Mat	rix (S6)		2 cm Muck	(A10) (LRR B)		
☐ Black H	istic (A3)		☐ Lo	amy Muck	y Material (F	<sup>-</sup> 1)	☐ Reduced Vertic (F18)			
☐ Hydroge	en Sulfide (A4)		☐ Lo	amy Gleye	ed Matrix (F2	2)	☐ Red Parent	Material (TF2)		
☐ Stratifie	d Layers (A5) ( <b>L</b>	RR C)	□ De	epleted Ma	trix (F3)		☐ Other (Expl	ain in Remarks)		
1 cm M	uck (A9) (LRR D	)	☐ Re	edox Dark	Surface (F6)	)				
☐ Deplete	d Below Dark Su	urface (A11)	□ De	epleted Da	rk Surface (F	<del>-</del> 7)				
☐ Thick D	ark Surface (A12	2)	□ Re	edox Depre	essions (F8)		21 11 4 61			
☐ Sandy N	Mucky Material (	S1)	□ Ve	rnal Pools	(F9)			ydrophytic vegetation and wetland hydrology nt, unless disturbed or problematic.		
☐ Sandy (	Gleyed Matrix (S	4)					must be presen	it, diffess disturbed of problematic.		
Doctrictive	Lavar (if process	۸.								
Restrictive	Layer (if present	.).								
Type:	_						Hydric Soils Prese	nt? Yes ☐ No ⊠		
Depth (inch	nes):									
Remarks:										
HYDROL	OGY									
	ydrology Indica	itors								
Primary Inc	dicators (minimu							econdary Indicators (2 or more required)		
	Water (A1)			Salt Crust			☐ Water Marks (B1) (Riverine)			
_	ater Table (A2)			Biotic Cru			Sediment Deposits (B2) (Riverine)			
Saturati					vertebrates			Drift Deposits (Riverine)		
	/larks (B1) ( <b>Non</b> i				Sulfide Odd			☐ Drainage Patterns (B10)		
	nt Deposits (B2)					_	• , ,	☐ Dry-Season Water Table (C2)		
☐ Drift De	posits (B3) ( <b>Non</b>	riverine)		Presence	of Reduced	Iron (C4)	)	☐ Crayfish Burrows (C8)		
☐ Surface	Soil Cracks (B6	)			on Reduction			☐ Saturation Visible on Aerial Imagery (C9)		
	ion Visible on Ae	υ.	/ (B7)	Thin Mucl	k Surface (C	7)		☐ Shallow Aquitard (D3)		
☐ Water-S	Stained Leaves (	B9)		Other (Ex	plain in Rem	narks)		☐ FAC-Neutral Test (D5)		
Field Obse	ervations									
Surface Wa	ater Present?	Υe	es 🗌 No 🔲 De	epth (in.) _						
Water Tabl	e Present?		es 🗌 No 🔲 De			,	Wetland Hydrology I	Present? Yes ☐ No ⊠		
Saturation (includes c	apillary fringe)	Ye	es 🗌 No 🗌 De	eptn (in.) _						
		troom cove	o monitorina	voll coricl	nhotos nec	ious issa	nations) if availables			
Describe K	.ecorded Data (S	ucam yaug	e, monitoring v	ven, aelial	priotos, prev	ious irisp	ections), if available:			
Remarks:										
romans.										

Project/Site: <u>Desert Claim</u>	Cit	y/County: Ell	ensburg/Kittitas County	Sampling Date: <u>11-29-17</u>
Applicant/Owner: <u>EDF</u>	Sta	ite: <u>WA</u>	-	Sampling Point: GA-SP-52
Investigator(s): JD; Grette Associates			Section:	<u>20</u> Township: <u>19</u> Range: <u>18</u>
Landform (hillslope, terrace, etc.): Swale		Local	relief (concave $\boxtimes$ , convex $\square$ ,	none⊡: Slope (%): <u>0</u>
Subregion (LRR): <u>B</u>			7 <u>.128207°</u> Long: <u>-120.619714</u>	
Soil Map Name: Reeser-Reelow-Sketter comp				NWI Classification:
Are climatic/hydrologic conditions on the site ty				
Are Vegetation ☐ Soil ☐, or Hydrology ☐ sig	-			ces" present? Yes ⊠ No ☐
Are Vegetation ☐ Soil ☐, or Hydrology ☐ sig	inificantly problemat	ic? (If neede	d, explain in Remarks)	
SUMMARY OF FINDINGS – Attach site	map showing saı	npling poi	nt locations, transects, ir	mportant features, etc.
Hydrophytic vegetation present?	Yes 🛛 No 🗌			
Hydric soils present?	Yes 🛛 No 🗌	Is the san	npled area within a wetland	? Yes ⊠ No □
Wetland hydrology present?	Yes 🛛 No 🗌		iipioa aroa witiiii a wottana	
Remarks: R35				
VEGETATION – Use scientific names o			<u> </u>	
Tree Stratum (Plot size:30')	Absolute Domina <u>% Cover Species</u>		Dominance Test worksheet:	
	<u>70 00 001 000000</u>	o. <u>Otatao</u>	Number of Dominant Species	
1			that are OBL, FACW, or FAC:	<u>1 (A)</u>
2 3			Total Number of Dominant	
4	<del></del>		Species Across All Strata:	<u>1 (B)</u>
	= Total	Cover	Percent of Dominant Species	
	= Total	Cover	that are OBL, FACW, or FAC:	100 (A/B)
Sapling/Shrub Stratum (Plot size:15')			Prevalence Index worksheet:	:
1				
2			Total % Cover of:	Multiply by:
3			OBL species	x 1 =
4			FACW species	x 2 =
5			FAC species	x 3 = x 4 =
	= Total	Cover	UPL species	x 5 =
Herb Stratum (Plot size:5')			Column Totals (A)	(B)
1. <u>Juncus balticus</u>	<u>100</u> <u>Y</u>	<u>FACW</u>	(* ')	(=)
2			Prevalence ind	ex = B/A =
3			Hydrophytic Vegetation indic	cators:
4				
5				
6			☐ Prevalence Index is ≤3.0 <sup>1</sup>	•
7 8.			☐ Morphological Adaptations Remarks or on a se	
o		0		'
	= Total	Cover	☐ Problematic Hydrophytic V	
Woody Vine Stratum (Plot size: )			<sup>1</sup> Indicators of hydric soil and we present, unless disturbed or present.	
1			present, unless disturbed of pr	obiematic.
2				
	= Total	Cover	Hydrophytic vegetation p	resent? Yes 🖂 No 🗌
% Bare Ground in Herb Stratum	% Cover of Biotic Cru	st		
Remarks:				
İ				

		ribe to the	•			dicator o	r confirm the abse	nce of indicators.)			
Depth (inches)	Matrix Color (moist)	%	Color (moist)	Redox Fea %	tures Type₁	Loc <sub>2</sub>	 Texture	Remarks			
0-12	10YR 2/1	80	5YR 3/4	20	C	M	Silt loam	Tomano			
0.12	1011(2,1	00	01107	20			Oilt loaili				
<sup>1</sup> Type: C=0	Concentration; Da	=Depletion;	RM=Reduced r	natrix; CS	=Covered o	or Coated	Sand Grains. <sup>2</sup> Lo	ocation: PL=Pore linings; M=Matrix			
Hydric So	ils Indicators: (/	Applicable	to all LRRs, un	less othe	rwise note	d.)	Indicators for	or Problematic Hydric Soils³:			
☐ Histoso	I (A1)		☐ Sai	ndy Redox	(S5)		1 cm Mu	ck (A9) ( <b>LRR C</b> )			
☐ Histic Epipedon (A2) ☐ Stripped Matrix (S6)							2 cm Mu	ck (A10) ( <b>LRR B</b> )			
☐ Black H	listic (A3)		☐ Loa	amy Muck	y Material (I	F1)	Reduced Vertic (F18)				
☐ Hydrog	en Sulfide (A4)		☐ Loa	amy Gleye	ed Matrix (F	2)	☐ Red Pare	ent Material (TF2)			
☐ Stratifie	d Layers (A5) (L	RR C)	☐ De	oleted Ma	trix (F3)		Other (Explain in Remarks)				
☐ 1 cm M	uck (A9) ( <b>LRR D</b>	)	⊠ Re	dox Dark	Surface (F6	)					
☐ Deplete	d Below Dark Su	ırface (A11)	☐ De	oleted Da	k Surface (	F7)					
☐ Thick D	ark Surface (A12	2)	☐ Re	dox Depre	ssions (F8)	1					
☐ Sandy I	Mucky Material (	S1)	☐ Vei	nal Pools	(F9)			f hydrophytic vegetation and wetland hydrology			
-	Gleyed Matrix (S						must be pres	sent, unless disturbed or problematic.			
Restrictive	Layer (if present	:):									
Type:							Hydria Saila Bra	sent? Yes ⊠ No □			
	<u></u>						nyuric Solis Pre	sent? res 🖂 No 📋			
Depth (inci	nes):										
Remarks:											
HYDROI	OGY										
	lydrology Indica	itors									
Primary Inc	dicators (minimur							Secondary Indicators (2 or more required)			
	Water (A1)			Salt Crust	` '		Water Marks (B1) (Riverine)				
_	ater Table (A2)			Biotic Cru				☐ Sediment Deposits (B2) (Riverine)			
☐ Saturati	ion (A3)			Aquatic In	vertebrates	(B13)		☐ Drift Deposits ( <b>Riverine</b> )			
☐ Water N	Marks (B1) ( <b>Nonr</b>	iverine)		Hydrogen	Sulfide Od	or (C1)		□ Drainage Patterns (B10)			
☐ Sedime	nt Deposits (B2)	(Nonriveri	ne)	Oxidized I	Rhizosphere	es along l	Living Roots (C3)	☐ Dry-Season Water Table (C2)			
☑ Drift De	posits (B3) (Non	riverine)		Presence	of Reduced	d Iron (C4	.)	☐ Crayfish Burrows (C8)			
☐ Surface	Soil Cracks (B6	)		Recent Iro	n Reductio	n in Tilled	d Soils (C6)	☐ Saturation Visible on Aerial Imagery (C9)			
☐ Inundat	ion Visible on Ae	rial Imagery	/ (B7)	Thin Mucl	Surface (C	27)		☐ Shallow Aquitard (D3)			
☐ Water-S	Stained Leaves (I	B9)		Other (Ex	plain in Ren	narks)		□ FAC-Neutral Test (D5)			
Field Obse	ervations										
Surface Wa	ater Present?	Υe	es 🗌 No 🛭 De	pth (in.) _							
Water Tab	le Present?	Υe	es 🗌 No 🖾 De	pth (in.) _			Wetland Hydrolog	y Present? Yes ⊠ No □			
Saturation Present? Yes ☐ No ☒ Depth (in.) (includes capillary fringe)											
Describe R	Recorded Data (s	tream gaug	e, monitoring w	ell, aerial	photos, pre	vious insp	pections), if available	e:			
Remarks:	Seasonally inun	dated/satur	ated by channe	l between	cattle pond	ls					

Project/Site: Desert Claim		City	/County: Ell	ensburg/Kittitas County	Sampling Date: <u>11-29-17</u>
Applicant/Owner: <u>EDF</u>		Stat	e: <u>WA</u>	-	Sampling Point: GA-SP-53
Investigator(s): JD; Grette Associates				Section:	<u>19</u> Township: <u>19</u> Range: <u>18</u>
Landform (hillslope, terrace, etc.): Hillslope			Local i	relief (concave□, convex□, ı	none⊠: Slope (%): <u>4</u>
Subregion (LRR): <u>B</u>			Lat: <u>47</u>	<mark>7.125928°</mark> Long: <u>-120.627284°</u>	Datum: NAD83(2011)
Soil Map Name: <u>Sketter-Millhouse-Lablue comp</u>					NWI Classification:
Are climatic/hydrologic conditions on the site typ			year?Yes 🏻		
Are Vegetation 🗌 Soil 🔲, or Hydrology 🔲 sign	-				es" present? Yes 🛛 No 🗌
Are Vegetation 🗌 Soil 🔲, or Hydrology 🔲 sign	ificantly pr	oblematio	? (If neede	d, explain in Remarks)	
SUMMARY OF FINDINGS – Attach site m	nap show	ing san	npling poi	nt locations, transects, in	nportant features, etc.
Hydrophytic vegetation present? Y	es 🛛 No [				
Hydric soils present? Y	es 🛛 No [		le the con	npled area within a wetland?	? Yes ⊠ No □
Wetland hydrology present? Y	es 🛛 No [		is the sail	iipied area withiii a wetiand	res 🖾 No 🗀
Remarks: R108					
VEGETATION – Use scientific names of					
Trace Chartery (Plat size 201)			nt Indicator	Dominance Test worksheet:	
Tree Stratum (Plot size:30')	% Cove	Species	? Status	Number of Dominant Species	
1				that are OBL, FACW, or FAC:	1 (A)
2				Total Number of Dominant	,
3				Species Across All Strata:	<u>1 (B)</u>
4				Percent of Dominant Species	<del></del>
		= Total (	Cover	that are OBL, FACW, or FAC:	100 (A/B)
Sapling/Shrub Stratum (Plot size:15')				Prevalence Index worksheet:	
1					
2				Total % Cover of:	Multiply by:
3				OBL species	x 1 =
4				FACW species	x 2 =
5				FAC species	x 3 =
		= Total (	Cover	FACU species	x 4 =
Herb Stratum (Plot size:5' )				UPL species	x 5 =
1. Poa pratensis	<u>60</u>	<u>Y</u>	FAC	Column Totals(A)	(B)
2. Agropyron spicatum	<u>55</u> 15	<u>.</u> <u>N</u>	<u> </u>		
3.	10	13	<u>132</u>	Prevalence inde	<del></del>
4				Hydrophytic Vegetation indic	ators:
5				□ Dominance Test is >50%	
6				☐ Prevalence Index is ≤3.0 <sup>1</sup>	
7				☐ Morphological Adaptations¹	(provide supporting data in
8				Remarks or on a sep	
		= Total (	Cover	☐ Problematic Hydrophytic Ve	egetation <sup>1</sup> (explain)
Woody Vine Stratum (Plot size: )				<sup>1</sup> Indicators of hydric soil and we	
1				present, unless disturbed or pro	blematic.
2					
		= Total (	Cover	Hydrophytic vegetation pr	esent? Yes ⊠ No □
% Bare Ground in Herb Stratum	% Cover of I			, a op, a.o . ogotamon p.	
Remarks:	70 COVET OF L	Jolic Crus			
Nemarks.					

Profile De Depth	scription: (Desc Matrix	ribe to the	depth needed	l to docur Redox Fe		licator or	confirm the abser	of indicators.)			
(inches)	Color (moist)	%	Color (moist)	%	Type <sub>1</sub>	Loc <sub>2</sub>	 Texture	Remarks			
0-8	10YR 2/2	100					Gravelly loan	n			
						-					
	-										
<sup>1</sup> Type: C=0	i Concentration; D	i =Depletion;	EM=Reduced	matrix; CS	E=Covered o	r Coated	Sand Grains. <sup>2</sup> Lo	ocation: PL=Pore linings; M=Matrix			
Hydric So	ils Indicators: (/	Applicable	to all LRRs, u	nless othe	erwise note	d.)	Indicators fo	or Problematic Hydric Soils³:			
☐ Histoso	l (A1)		□sa	ndy Redo	x (S5)		☐ 1 cm Muc	ck (A9) (LRR C)			
	☐ Histic Epipedon (A2) ☐ Stripped Matrix (S6)							ck (A10) (LRR B)			
☐ Black F					xy Material (F	<del>-</del> 1)	☐ Reduced				
	en Sulfide (A4)				ed Matrix (F2			ent Material (TF2)			
	ed Layers (A5) ( <b>L</b>	RR C)		epleted Ma		-/	<del></del>	, ,			
	uck (A9) ( <b>LRR D</b>				Surface (F6)		☑ Other (Explain in Remarks)				
	ed Below Dark Su				rk Surface (F						
	ark Surface (A12	, ,			essions (F8)	')					
							3Indicators of	f hydrophytic vegetation and wetland hydrology			
	Mucky Material (	•	□ ٧€	rnal Pools	s (F9)		must be pres	sent, unless disturbed or problematic.			
_	Gleyed Matrix (S										
Restrictive	Layer (if present	t):									
Туре:							Hydric Soils Pres	sent? Yes ⊠ No □			
Depth (incl	hes):										
Remarks	Presumed hyd	dric; satura	ated >14 cons	secutive o	lavs						
		,			, -						
HYDRO	LOGY lydrology Indica										
	dicators (minimu		guired: check a	III that app	lv			Secondary Indicators (2 or more required)			
☐ Surface	Water (A1)			Salt Crus				☐ Water Marks (B1) (Riverine)			
☐ High W	ater Table (A2)			Biotic Cru	ıst (B12)		☐ Sediment Deposits (B2) (Riverine)				
☐ Saturat	ion (A3)			Aquatic Ir	nvertebrates	(B13)		☐ Drift Deposits (Riverine)			
☐ Water N	Marks (B1) ( <b>Non</b> i	riverine)		Hydrogen	Sulfide Odd	or (C1)		☑ Drainage Patterns (B10)			
☐ Sedime	ent Deposits (B2)	(Nonriveri	ne)	Oxidized	Rhizosphere	s along L	iving Roots (C3)	☐ Dry-Season Water Table (C2)			
☐ Drift De	posits (B3) (Non	riverine)		Presence	of Reduced	Iron (C4	)	☐ Crayfish Burrows (C8)			
☐ Surface	Soil Cracks (B6	)		Recent Ire	on Reductior	n in Tilled	Soils (C6)	☐ Saturation Visible on Aerial Imagery (C9)			
	ion Visible on Ae	•			k Surface (C		,	☐ Shallow Aquitard (D3)			
	Stained Leaves (				plain in Rem			☐ FAC-Neutral Test (D5)			
Field Obs	ervations										
Surface W	ater Present?	Ye	es 🗌 No 🗌 Do	epth (in.) _							
Water Tab	le Present?	Ye	es 🗌 No 🔲 Do	epth (in.) _		'	Wetland Hydrology	y Present? Yes ⊠ No □			
Saturation		Ye	es 🗌 No 🗌 Do	epth (in.) _							
	apillary fringe)										
Describe F	Recorded Data (s	tream gaug	e, monitoring v	vell, aerial	photos, prev	rious insp	ections), if available	e:			
Dament	· Dunnarium - 1				a law-l f-		_				
Remarks:	Presumed satur	ated >14 C0	onsecutive day	s dased or	ı ıana torm, v	vegetatio	n				

Hydric soils present?	pical for thi nificantly di nificantly p	State percent so is time of sisturbed? roblematic ving sam	Local I Lat: 47 slopes year? Yes [ c? (If neede	Section: <u>1</u> relief (concave□, convex□, r <u>7.125905°</u> Long: <u>-120.627176°</u> ☑ No □ (If no, explain in Rem Are "Normal Circumstanc d, explain in Remarks)	Datum: NAD83(2011) NWI Classification: narks) es" present? Yes 🖾 No 🗆  nportant features, etc.
VEGETATION – Use scientific names of	plants				
	Absolut	e Dominar		Dominance Test worksheet:	
Tree Stratum (Plot size:30' ) 1	<u>% Cove</u>	er Species	Status	Number of Dominant Species that are OBL, FACW, or FAC:	1 (A)
2				Total Number of Dominant	<u>1 (A)</u>
3 4				Species Across All Strata:	<u>3 (B)</u>
		= Total (	Cover	Percent of Dominant Species that are OBL, FACW, or FAC:	33 (A/B)
Sapling/Shrub Stratum (Plot size:15')				Prevalence Index worksheet:	
1				Tatal N/ Oassan of	Maddatatat
2				Total % Cover of:	Multiply by:
3				OBL species	x 1 =
4				FAC species	x 2 =
5				FAC species	x 3 = x 4 =
		= Total (	Cover	UPL species	x 5 =
Herb Stratum (Plot size:5')				Column Totals(A)	X 3 =(B)
1. <u>Poa pratensis</u>	<u>30</u>	<u>Y</u>	FAC	Column Totals(A)	(D)
2. <u>Eriogonum niveum</u>	<u>30</u>	<u>Y</u>	<u>NL</u>	Prevalence inde	ν – R/Λ –
3. Collomia grandiflora	<u>20</u>	<u>Y</u>	<u>NL</u>	Hydrophytic Vegetation indica	<del></del>
4. <u>Poa bulbosa</u>	<u>15</u>	<u>N</u>	<u>FACU</u>		ators.
5				☐ Dominance Test is >50%	
6				☐ Prevalence Index is ≤3.0 <sup>1</sup>	
7 8				☐ Morphological Adaptations¹ Remarks or on a sep	
o		= Total (	Cover	☐ Problematic Hydrophytic Ve	
Woody Vine Stratum (Plot size: )		= Total C	Jovei	<sup>1</sup> Indicators of hydric soil and we	,
1				present, unless disturbed or pro	
2					
		= Total (	Cover	Hydrophytic vegetation pro	osant? Vas 🗆 Na 🖂
% Bare Ground in Herb Stratum	º/ Cover of			Hydrophytic vegetation pro	esent: Tes 🗌 NO 🖂
	% Cover of	Diotic Crus			
Remarks:					

Depth	scription: (Desc Matrix	ribe to the	•	to docun Redox Fea		icator oi	r confirm the absence	e of indicators.)		
(inches)	Color (moist)	%	Color (moist)	%	Type₁	Loc <sub>2</sub>	Texture	Remarks		
0-14	10YR 3/2	100					Stony silt loam			
						-				
						-				
						-				
<sup>1</sup> Type: C=0	Concentration; D	=Depletion;	RM=Reduced	natrix; CS	=Covered o	r Coated	Sand Grains. <sup>2</sup> Loca	tion: PL=Pore linings; M=Matrix		
Hydric Soi	ils Indicators: (/	Applicable	to all LRRs, ur	less othe	rwise noted	d.)	Indicators for	Problematic Hydric Soils <sup>3</sup> :		
☐ Histoso		•				,	_	•		
	pipedon (A2)			ndy Redox ipped Mat			1 cm Muck (A9) (LRR C)			
☐ Black H				y Material (F	:1)	☐ 2 cm Muck (A10) ( <b>LRR B</b> ) ☐ Reduced Vertic (F18)				
	en Sulfide (A4)			-	ed Matrix (F2		☐ Red Parent			
	d Layers (A5) ( <b>L</b>	RR C)		pleted Ma		.,	Other (Expla			
	uck (A9) (LRR D				Surface (F6)			,		
	d Below Dark Su				k Surface (F					
	ark Surface (A12	, ,			ssions (F8)	,				
☐ Sandy I	Mucky Material (	S1)	☐ Ve	rnal Pools	(F9)			drophytic vegetation and wetland hydrology t, unless disturbed or problematic.		
☐ Sandy (	Gleyed Matrix (S	4)					must be preser	it, unless disturbed of problematic.		
Restrictive	Layer (if present	+).								
		.,,.								
Type:							Hydric Soils Prese	nt? Yes ☐ No ⊠		
Depth (inch	nes):									
Remarks:										
HYDROI										
	ydrology Indica dicators (minimu		quirod: abook o	l that appl	v		c	acandary Indicators (2 or more required)		
	Water (A1)	ii oi one rec		Salt Crust			Secondary Indicators (2 or more required)  Water Marks (B1) (Riverine)			
	ater Table (A2)			Biotic Cru	, ,		☐ Sediment Deposits (B2) ( <b>Riverine</b> )			
☐ Saturati	on (A3)			Aquatic In	vertebrates	(B13)				
☐ Water N	Marks (B1) ( <b>Non</b> i	riverine)		Hydrogen	Sulfide Odd	or (C1)		Drainage Patterns (B10)		
☐ Sedime	nt Deposits (B2)	(Nonriveri	ne)	Oxidized I	Rhizosphere	s along l	iving Roots (C3)	Dry-Season Water Table (C2)		
☐ Drift De	posits (B3) (Non	riverine)		Presence	of Reduced	Iron (C4	) [	Crayfish Burrows (C8)		
☐ Surface	Soil Cracks (B6	)		Recent Iro	n Reduction	n in Tilled	Soils (C6)	3 Saturation Visible on Aerial Imagery (C9)		
_	ion Visible on Ae	0 ,	_		Surface (C	,		Shallow Aquitard (D3)		
☐ Water-S	Stained Leaves (	B9)		Other (Ex	plain in Rem	arks)		FAC-Neutral Test (D5)		
Field Obse	ervations									
Surface Wa	ater Present?	Υe	es 🗌 No 🔲 De	pth (in.) _						
Water Tabl	e Present?	Υe	es 🗌 No 🔲 De	pth (in.)		,	Wetland Hydrology F	Present? Yes ☐ No ⊠		
Saturation	Present?	Ye	es 🗌 No 🔲 De	nth (in )						
	apillary fringe)	10		r··· (····/ <u> </u>						
Describe R	ecorded Data (s	tream gaug	e, monitorina w	ell, aerial	photos, prev	ious insc	pections), if available:			
	(-	59	, <b>3</b> ··			- 1	,,			
Remarks:										

Project/Site: <u>Desert Claim</u>		City	/County: Ell	ensburg/Kittitas County	Sampling Date: <u>11-29-17</u>
Applicant/Owner: <u>EDF</u>		Stat	e: <u>WA</u>	<del>-</del>	Sampling Point: GA-SP-55
Investigator(s): JD; Grette Associates				Section:	<u>19</u> Township: <u>19</u> Range: <u>18</u>
Landform (hillslope, terrace, etc.): Hillslope			Local i	relief (concave⊠, convex⊡, ı	none⊡: Slope (%): <u>4</u>
Subregion (LRR): <u>B</u>			Lat: <u>47</u>	<u>7.125949°</u> Long: <u>-120.631179</u> °	Datum: NAD83(2011)
Soil Map Name: <u>Sketter-Millhouse-Lablue comp</u>					NWI Classification:
Are climatic/hydrologic conditions on the site typ			year?Yes 🏻		
Are Vegetation 🗌 Soil 🔲, or Hydrology 🔲 sign	-				es" present? Yes 🛛 No 🗌
Are Vegetation 🗌 Soil 🔲, or Hydrology 🔲 sign	ificantly pr	oblematio	? (If neede	d, explain in Remarks)	
SUMMARY OF FINDINGS – Attach site m	nap show	ing san	npling poi	nt locations, transects, in	nportant features, etc.
Hydrophytic vegetation present? Y	es 🛛 No [				
Hydric soils present? Y	es 🛛 No [		le the con	npled area within a wetland	? Yes ⊠ No □
Wetland hydrology present? Y	es 🛛 No [		is the sail	ipied area within a wetiand	res 🖾 No 🗀
Remarks: R117					
VEGETATION – Use scientific names of					
Trace Chartery (Plat size 201)			nt Indicator	Dominance Test worksheet:	
Tree Stratum (Plot size:30')	% Cover	Species	? Status	Number of Dominant Species	
1				that are OBL, FACW, or FAC:	<u>1 (A)</u>
2				Total Number of Dominant	,
3				Species Across All Strata:	<u>1 (B)</u>
4				Percent of Dominant Species	<del></del>
		= Total (	Cover	that are OBL, FACW, or FAC:	100 (A/B)
Sapling/Shrub Stratum (Plot size:15')				Prevalence Index worksheet:	
1					
2				Total % Cover of:	Multiply by:
3				OBL species	x 1 =
4				FACW species	x 2 =
5				FAC species	x 3 =
		= Total (	Cover	FACU species	x 4 =
Herb Stratum (Plot size:5' )				UPL species	x 5 =
1. Poa pratensis	90	<u>Y</u>	FAC	Column Totals(A)	(B)
2. <u>Juncus balticus</u>	<u>30</u> 10	<u></u> <u>N</u>	FACW		
3.	<u>10</u>	13	171011	Prevalence inde	<del></del>
4				Hydrophytic Vegetation indic	ators:
5				□ Dominance Test is >50%	
6				☐ Prevalence Index is ≤3.0 <sup>1</sup>	
7				☐ Morphological Adaptations¹	(provide supporting data in
8				Remarks or on a se	
		= Total (	Cover	☐ Problematic Hydrophytic Ve	egetation <sup>1</sup> (explain)
Woody Vine Stratum (Plot size: )				<sup>1</sup> Indicators of hydric soil and we	tland hydrology must be
1				present, unless disturbed or pro	blematic.
2.					
<del></del>		= Total (	Cover	Hydrophytic vegetation pr	ocant? Vac 🖂 Na 🖂
				Hydrophytic vegetation pr	esent? Tes 🖂 No 🗀
	% Cover of E	Biotic Crus	t		
Remarks:					

		ribe to the	•			dicator o	r confirm the abse	nce of indicators.)			
Depth (inches)	Matrix Color (moist)	%	Color (moist)	Redox Fea %	atures Type1	Loc <sub>2</sub>	— Texture	Remarks			
0-8	10YR 2/2	100	[	70	Type	L002	Silt loam	Nemarks			
8-16	101R 2/2 10YR 4/1	95	7.5YR 4/4	5	С	М	Clay silt				
					<b> </b>	-					
							2				
• •								ocation: PL=Pore linings; M=Matrix			
Hydric So	ils Indicators: (A	Applicable	to all LRRs, un	less othe	rwise note	d.)	Indicators for	or Problematic Hydric Soils³:			
☐ Histoso	l (A1)		☐ Sai	ndy Redox	(S5)		☐ 1 cm Muck (A9) ( <b>LRR C</b> )				
☐ Histic E	pipedon (A2)			ipped Mat			2 cm Mud	ck (A10) (LRR B)			
☐ Black H	listic (A3)		☐ Loa	amy Muck	y Material (	F1)	Reduced Vertic (F18)				
☐ Hydrog	en Sulfide (A4)				d Matrix (F	2)	Red Parent Material (TF2)				
☐ Stratifie	ed Layers (A5) ( <b>L</b>	RR C)	☐ De	pleted Mat	trix (F3)		☐ Other (Explain in Remarks)				
☐ 1 cm M	uck (A9) (LRR D	)	⊠ Re	dox Dark S	Surface (F6	)					
☐ Deplete	ed Below Dark Su	ırface (A11)	☐ De	pleted Dar	k Surface (	F7)					
☐ Thick D	ark Surface (A12	2)	☐ Re	dox Depre	ssions (F8)		31	f have disconnected in a second constitution of have described			
☐ Sandy I	Mucky Material (	S1)	☐ Vei	rnal Pools	(F9)			f hydrophytic vegetation and wetland hydrology sent, unless disturbed or problematic.			
☐ Sandy	Gleyed Matrix (S	4)						,			
Restrictive	Layer (if present	):									
Type:							Hydric Soils Pre	sent? Yes ⊠ No □			
Depth (incl	hes):										
Remarks:											
Nemarks.											
HYDRO											
	lydrology Indica dicators (minimur		nuired: check al	I that anni	v			Secondary Indicators (2 or more required)			
	Water (A1)	ii oi one rec		Salt Crust			Secondary indicators (2 or more required with the secondary indicators (2 or more required with				
☐ High W	ater Table (A2)			Biotic Cru	st (B12)		☐ Sediment Deposits (B2) (Riverine				
☐ Saturat					vertebrates	(B13)		☐ Drift Deposits (Riverine)			
	Marks (B1) ( <b>Nonr</b>	iverine)			Sulfide Od			☑ Drainage Patterns (B10)			
	ent Deposits (B2)	•					_iving Roots (C3)	☐ Dry-Season Water Table (C2)			
☐ Drift De	posits (B3) (Non	riverine)			of Reduced	-	= : :	☐ Crayfish Burrows (C8)			
	Soil Cracks (B6				n Reductio			☐ Saturation Visible on Aerial Imagery (C9)			
	ion Visible on Ae				Surface (C		` '	☐ Shallow Aquitard (D3)			
	Stained Leaves (I				olain in Rer			FAC-Neutral Test (D5)			
Field Obse	ervations	,			<u>'</u>	<u>,</u>					
Surface W	ater Present?	Ye	es 🗌 No 🗌 De	pth (in.) _							
Water Tab	le Present?	Ye	es 🗌 No 🗌 De	pth (in.) _			Wetland Hydrolog	y Present? Yes ⊠ No □			
	Saturation Present? Yes No Depth (in.) (includes capillary fringe)										
		tream daud	e. monitorina w	ell. aerial i	ohotos, pre	vious insr	ections), if available	e:			
2000110011			-, w	, ۵۵.101	, pro		,				
Remarks:	Hydrology presu	ımed; site v	isit conducted o	outside gro	wing seaso	n					

Project/Site: Desert Claim		City	/County: El	ensburg/Kittitas County	Sampling Date: 11-29-17		
Applicant/Owner: EDF		Stat	e: <u>WA</u>	Sampling Point: GA-SP-50			
Investigator(s): <u>JD; Grette Associates</u>					: <u>19</u> Township: <u>19</u> Range: <u>18</u>		
Landform (hillslope, terrace, etc.): Hillslope			Local	relief (concave□, convex□,	, none⊠: Slope (%): <u>4</u>		
Subregion (LRR): <u>B</u>				7.125993° Long: <u>-120.63105</u>			
Soil Map Name: Sketter-Millhouse-Lablue com					NWI Classification:		
Are climatic/hydrologic conditions on the site ty			year?Yes [				
Are Vegetation ☐ Soil ☐, or Hydrology ☐ sig					nces" present? Yes 🛛 No 🗌		
Are Vegetation $\square$ Soil $\square$ , or Hydrology $\square$ sig	nificantly p	roblematio	c? (If neede	d, explain in Remarks)			
SUMMARY OF FINDINGS – Attach site	map shov	wing sam	pling poi	nt locations, transects, i	mportant features, etc.		
Hydrophytic vegetation present?	Yes 🛛 No						
Hydric soils present?	Yes 🗌 No	$\boxtimes$	le the car	npled area within a wetland	d? Yes □ No ⊠		
Wetland hydrology present?	Yes 🗌 No	$\boxtimes$	is the sai	iipieu area witiiii a wetiaiit	i les 🗆 No 🖂		
Remarks: R117							
VEGETATION – Use scientific names o		te Dominar	at Indicator	Dominance Test worksheet:			
Tree Stratum (Plot size:30')		er Species					
1	·			Number of Dominant Species			
2		-		that are OBL, FACW, or FAC:	<u>1 (A)</u>		
3				Total Number of Dominant			
4.				Species Across All Strata:	<u>1 (B)</u>		
		= Total (	Cover	Percent of Dominant Species			
Carling/Church Ctrature (Diet sings451)		- rotar c	30101	that are OBL, FACW, or FAC:	<u>100 (A/B)</u>		
Sapling/Shrub Stratum (Plot size:15')				Prevalence Index worksheet	t:		
1				T . 10/ 0			
2				Total % Cover of:	Multiply by:		
3				OBL species	x 1 = x 2 =		
4 5				FACW species FAC species	x 3 =		
J				FACU species	x 4 =		
		= Total (	Jover	UPL species	x 5 =		
Herb Stratum (Plot size:5')				Column Totals(A)	(B)		
1. Poa pratensis	<u>90</u>	<u>Y</u>	<u>FAC</u>	(,			
2. <u>Lomatium nudicaule</u>	<u>10</u>	<u>N</u>	<u>UPL</u>	Prevalence inc	dex = B/A =		
3				Hydrophytic Vegetation indi	cators:		
4				□ Dominance Test is >50%			
5				l <sup>—</sup>			
6				Prevalence Index is ≤3.0¹			
7 8.				☐ Morphological Adaptations Remarks or on a s			
0	-	= Total (	Cover	☐ Problematic Hydrophytic \	'		
W 1 1/2 Oct (D) (1		- Total C	Joven				
Woody Vine Stratum (Plot size: )				<sup>1</sup> Indicators of hydric soil and w present, unless disturbed or p			
1							
2							
		= Total (	Cover	Hydrophytic vegetation p	oresent? Yes ⊠ No □		
% Bare Ground in Herb Stratum	% Cover of	Biotic Crus	t				
Remarks:							

		ribe to the	•			icator or	confirm the abser	nce of indicators.)				
Depth (inches)	Matrix Color (moist)	%	Color (moist)	Redox Fea %	atures Type1	Loc <sub>2</sub>	— Texture	Remarks				
0-12	10YR 2/1	100	Color (IIIolst)	70	Турет	L002	Silt loam	Nemano				
12-16	10YR 3/2	100					Silt loam					
1	Type: C=Concentration; D=Depletion; RM=Reduced matrix; CS=Covered or Coated Sand Grains.   Location: PL=Pore linings; M=Matrix											
Type: C=C												
Hydric Soi	ils Indicators: (/	Applicable 1	to all LRRs, un	less othe	rwise noted	l.)	Indicators fo	or Problematic Hydric Soils <sup>3</sup> :				
☐ Histoso	I (A1)		∏ Sai	ndy Redox	(S5)		☐ 1 cm Muc	ck (A9) ( <b>LRR C</b> )				
	pipedon (A2)			pped Mati								
 ☐ Black H					y Material (F	1)	Reduced Vertic (F18)					
	en Sulfide (A4)				d Matrix (F2							
	d Layers (A5) (L	RR C)		oleted Mat				cplain in Remarks)				
☐ 1 cm M	uck (A9) (LRR D	))			Surface (F6)		•					
☐ Deplete	d Below Dark Su	urface (A11)	☐ De	oleted Dar	k Surface (F	7)						
☐ Thick D	ark Surface (A12	2)	☐ Re	dox Depre	ssions (F8)							
☐ Sandy I	Mucky Material (	S1)	☐ Vei	nal Pools	(F9)			f hydrophytic vegetation and wetland hydrology sent, unless disturbed or problematic.				
☐ Sandy (	Gleyed Matrix (S	4)					must be pres	sent, unless disturbed of problematic.				
Postriotivo	Layer (if present	٠١.										
	Layer (ii presem	ι).										
Type:	_						Hydric Soils Pres	sent? Yes ☐ No ⊠				
Depth (inch	nes):											
Remarks:												
HYDROI	_OGY											
	ydrology Indica							0 1 1 1 1 10				
	<u>dicators (minimu</u> Water (A1)	m of one red		<u>i tnat appi</u> Salt Crust				Secondary Indicators (2 or more required)  Water Marks (B1) (Riverine)				
	ater Table (A2)		· <del></del>	Biotic Crus	` '			Sediment Deposits (B2) (Riverine)				
☐ Saturati					vertebrates (	(B13)	Drift Deposits (Riverine)					
	//arks (B1) ( <b>Non</b> i	riverine)			Sulfide Odo			☐ Drainage Patterns (B10)				
	nt Deposits (B2)	•					iving Roots (C3)	☐ Dry-Season Water Table (C2)				
	posits (B3) ( <b>Non</b>		,		of Reduced	•	• , ,	☐ Crayfish Burrows (C8)				
	Soil Cracks (B6	,			n Reduction	•		☐ Saturation Visible on Aerial Imagery (C9)				
	ion Visible on Ae				Surface (C		(00)	☐ Shallow Aquitard (D3)				
_	Stained Leaves (	,	· / —		olain in Rem	,		FAC-Neutral Test (D5)				
Field Obse		- /										
	ater Present?	Vo	es 🗌 No 🔲 De	oth (in )								
	e Present?					,	Wetland Hydrolog	y Present? Yes □ No ⊠				
			es 🗌 No 🔲 De					,				
Saturation (includes c	Present? apillary fringe)	Υe	es 🗌 No 🗌 De	oth (in.)								
Describe R	ecorded Data (s	tream gauge	e, monitoring w	eii, aerial p	onotos, previ	ous insp	ections), if available	9:				
Remarks:												
nemarks.												

Project/Site: Desert Claim		City/	County: Elle	ensburg/Kittitas County	Sampling Date: <u>11-29-17</u>
Applicant/Owner: <u>EDF</u>		State	e: <u>WA</u>		Sampling Point: GA-SP-57
Investigator(s): <u>JD; Grette Associates</u>				Section:	<u>19</u> Township: <u>19</u> Range: <u>18</u>
Landform (hillslope, terrace, etc.): Hillslope			Local r	elief (concave⊠, convex⊡, ı	none⊡: Slope (%): <u>4</u>
Subregion (LRR): <u>B</u>				.126100° Long: -120.636156°	
Soil Map Name: Reelow-Reeser-Lablue comple					NWI Classification:
Are climatic/hydrologic conditions on the site type			⁄ear?Yes ∑		
Are Vegetation ☐ Soil ☐, or Hydrology ☐ sigr	-				es" present? Yes 🛛 No 🗌
Are Vegetation ☐ Soil ☐, or Hydrology ☐ sigr	nificantly prob	olematic	? (If needed	d, explain in Remarks)	
SUMMARY OF FINDINGS – Attach site n	nap showir	ng sam	pling poir	nt locations, transects, in	nportant features, etc.
Hydrophytic vegetation present?	′es 🛛 No 🗌				
Hydric soils present?	′es 🛛 No 🗌	]	Is the sam	npled area within a wetland?	? Yes ⊠ No □
Wetland hydrology present?	′es 🛛 No 🗌		io tiio ouii	ipioa area witiiii a wetiana	. 100 🖾 110 🗀
Remarks: R101					
VEGETATION – Use scientific names of					
Tree Stratum (Plot size:30')	Absolute % Cover			Dominance Test worksheet:	
	<u> 70 00VCI</u>	Орсскоз:	Otatus	Number of Dominant Species	
1				that are OBL, FACW, or FAC:	<u>1 (A)</u>
2 3	<del></del>			Total Number of Dominant	
4				Species Across All Strata:	<u>1 (B)</u>
" <del></del>		= Total C	`over	Percent of Dominant Species	
		= Total C	ovei	that are OBL, FACW, or FAC:	100 (A/B)
Sapling/Shrub Stratum (Plot size:15')				Prevalence Index worksheet:	
1					
2				Total % Cover of:	Multiply by:
3	<del></del>			OBL species	x 1 =
4				FACW species	x 2 = x 3 =
5	<del></del>			FAC species	x 4 =
		= Total C	Cover	UPL species	x 5 =
Herb Stratum (Plot size:5')				Column Totals(A)	(B)
1. Poa pratensis	<u>100</u>	<u>Y</u>	<u>FAC</u>	( ' '	
2				Prevalence inde	ex = B/A =
3	<del></del> .			Hydrophytic Vegetation indic	ators:
4				□ Dominance Test is >50%	
5					
6				☐ Prevalence Index is ≤3.0¹	
7 8.					
o					,
		= Total C	over	☐ Problematic Hydrophytic Ve	
Woody Vine Stratum (Plot size: )				<sup>1</sup> Indicators of hydric soil and we present, unless disturbed or pro	
1				present, unless disturbed of pre	bolemanc.
2					
		= Total C	Cover	Hydrophytic vegetation pr	esent? Yes 🛛 No 🗌
% Bare Ground in Herb Stratum	% Cover of Bio	otic Crust	t		
Remarks:					

								Camping Cont. Cont.			
		ribe to the				cator o	r confirm the abse	nce of indicators.)			
Depth (inches)	Matrix Color (moist)	%	Color (moist)	Redox Fea %	_	Loc <sub>2</sub>	 Texture	Remarks			
(inches)	Color (moist)	/0 T	Color (moist)	/0	Type <sub>1</sub>	LUC2	Texture	Kemarks			
Rock											
<sup>1</sup> Type: C=C	Concentration; D	=Depletion;	RM=Reduced r	natrix; CS	=Covered or	Coated	Sand Grains. <sup>2</sup> Lo	ocation: PL=Pore linings; M=Matrix			
Hydric Soi	Is Indicators: (/	Applicable	to all LRRs, un	less othe	rwise noted	.)	Indicators fo	or Problematic Hydric Soils <sup>3</sup> :			
☐ Histosol	I (A1)		∏ Sai	ndy Redox	(S5)		□ 1 cm Muc	ek (A9) ( <b>LRR C</b> )			
☐ Histic Epipedon (A2) ☐ Stripped Matrix (S6)								k (A10) (LRR B)			
☐ Black H					y Material (F1	1)	☐ Reduced				
	en Sulfide (A4)				d Matrix (F2)			•			
	d Layers (A5) ( <b>L</b>	RR C)		pleted Mat			☐ Red Parent Material (TF2) ☐ Other (Explain in Remarks)				
	uck (A9) ( <b>LRR D</b>				Surface (F6)			plant in Normano)			
	d Below Dark St				k Surface (F7	7)					
-	ark Surface (A12	` ,			ssions (F8)	')					
				•	, ,		3Indicators of	hydrophytic vegetation and wetland hydrology			
-	Mucky Material (		□ vei	rnal Pools	(F9)			sent, unless disturbed or problematic.			
□ Sandy C	Gleyed Matrix (S	4)									
Restrictive	Layer (if present	:):									
Type:							Hydric Soils Pre	sent? Yes ⊠ No □			
Depth (inch							Hydric Solls Fre	sent: 1es 🖂 NO 🗀			
Remarks:	Surface rocks	prevented	l excavation; s	soil presu	med hydric						
LIVEROL	007										
HYDROL Wetland H	_OG Y ydrology Indica	tore									
	dicators (minimu		guired; check al	I that apply	V			Secondary Indicators (2 or more required)			
Surface	Water (A1)			Salt Crust			☐ Water Marks (B1) (Riverine)				
☐ High Wa	ater Table (A2)			Biotic Crus	st (B12)		☐ Sediment Deposits (B2) (Riverine)				
☐ Saturati	on (A3)			Aquatic In	vertebrates (	B13)		☐ Drift Deposits (Riverine)			
☐ Water M	Marks (B1) (Noni	iverine)		Hydrogen	Sulfide Odor	(C1)		☑ Drainage Patterns (B10)			
	nt Deposits (B2)		ne)	Oxidized F	Rhizospheres	along I	iving Roots (C3)	☐ Dry-Season Water Table (C2)			
☐ Drift De	posits (B3) ( <b>Non</b>	riverine)			of Reduced I			☐ Crayfish Burrows (C8)			
	Soil Cracks (B6				n Reduction			☐ Saturation Visible on Aerial Imagery (C9)			
	ion Visible on Ae				Surface (C7		,	☐ Shallow Aquitard (D3)			
	Stained Leaves (	0,	, ,		plain in Rema	,		FAC-Neutral Test (D5)			
Field Obse				- (=/q							
	ater Present?	Ye	es 🗌 No 🔲 De	oth (in.)							
							Wetland Hydrolog	y Present? Yes ⊠ No □			
	result in the dispersion of th										
Saturation (includes ca	Present? apillary fringe)	Υe	es 🗌 No 🗌 De	pth (in.)							
Describe R	ecorded Data (s	tream gaug	e monitoring w	ell aerial r	nhotos previo	ous insr	ections), if available	<u>a</u> :			
Describe IV	coorded Data (5	arcam gaag	c, monitoring w	on, aonar p	oriotoo, provid	ouo mop	occionoj, ii avaliabio				
Remarks:	Hydrology presu	imed based	l on landscape	nosition or	nd vegetation						
iveillains.	r iyurulugy prest	inieu Daseu	i on ianuscape	position at	iu vegetation						

Project/Site: Desert Claim		City	/County: Elle	ensburg/Kittitas County	Sampling Date: <u>11-29-17</u>
Applicant/Owner: <u>EDF</u>		Stat	e: <u>WA</u>	<del>.</del>	Sampling Point: GA-SP-58
Investigator(s): JD; Grette Associates				Section:	<u>19</u> Township: <u>19</u> Range: <u>18</u>
Landform (hillslope, terrace, etc.): Hillslope			Local r	relief (concave□, convex□,	none⊠: Slope (%): <u>4</u>
Subregion (LRR): <u>B</u>			Lat: <u>47</u>	<u>7.126098°</u> Long: <u>-120.636307</u>	Oatum: NAD83(2011)
Soil Map Name: Reelow-Reeser-Lablue comple					NWI Classification:
Are climatic/hydrologic conditions on the site type			year?Yes 🏻		
Are Vegetation 🗌 Soil 🔲, or Hydrology 🔲 sigr	-				ces" present? Yes 🛛 No 🗌
Are Vegetation 🗌 Soil 🔲, or Hydrology 🔲 sigr	ificantly pro	oblematio	c? (If needed	d, explain in Remarks)	
SUMMARY OF FINDINGS – Attach site n	nap show	ing sam	pling poi	nt locations, transects, in	nportant features, etc.
Hydrophytic vegetation present? Y	′es 🛛 No 🏻				
Hydric soils present? Y	es 🗌 No 🛭	$\leq$	le the con	npled area within a wetland	? Yes □ No ⊠
	es 🗌 No 🛭	◁	is the sail	ipied area within a wetiand	r res 🗆 No 🖂
Remarks: R101					
VEGETATION – Use scientific names of					
Troo Stratum (Blot aiza: 20' )			nt Indicator	Dominance Test worksheet:	
Tree Stratum (Plot size:30')	% Cover	Species'	! Status	Number of Dominant Species	
1				that are OBL, FACW, or FAC:	<u>1 (A)</u>
2	-			Total Number of Dominant	
3				Species Across All Strata:	<u>1 (B)</u>
4	-			Percent of Dominant Species	
		= Total (	Cover	that are OBL, FACW, or FAC:	100 (A/B)
Sapling/Shrub Stratum (Plot size:15')				Prevalence Index worksheet:	
1					
2				Total % Cover of:	Multiply by:
3	-			OBL species	x 1 =
4				FACW species	x 2 =
5			·	FAC species	x 3 =
		= Total (	Cover	FACU species	x 4 =
Herb Stratum (Plot size:5')				UPL species(A)	x 5 =(B)
1. <u>Poa pratensis</u>	<u>100</u>	<u>Y</u>	FAC	Column Totals(A)	(B)
2				Prevalence inde	ex = R/Δ =
3				Hydrophytic Vegetation indic	
4					atoro.
5				☐ Dominance Test is >50%	
6				☐ Prevalence Index is ≤3.0 <sup>1</sup>	
7				☐ Morphological Adaptations <sup>1</sup> Remarks or on a se	
8				'	'
		= Total (	Cover	☐ Problematic Hydrophytic Ve	,
Woody Vine Stratum (Plot size: )				<sup>1</sup> Indicators of hydric soil and we	
1				present, unless disturbed or pro	obiematic.
2					
		= Total 0	Cover	Hydrophytic vegetation pr	resent? Yes ⊠ No □
% Bare Ground in Herb Stratum	% Cover of B	Biotic Crus	t		
Remarks:				<u> </u>	
Tromano.					

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth (inches)	Matrix_ Color (moist)	%	Color (mois	_ <u>Redox Fea</u> )       %	_	Loc <sub>2</sub>	— Texture	Remarks			
	·	· <del>*</del> ·····	COIOI (IIIOIS	<i>)</i> /0	Type₁	LUC2	·····	Remarks			
0-16	10YR 2/1	100					Silt loam				
<sup>1</sup> Type: C=0	i Concentration: D	.i =Depletion:	i RM=Reduce	i	: =Covered o	r Coated	Sand Grains. <sup>2</sup> Lo	cation: PL=Pore linings; M=Matrix			
Hydric So	ils Indicators: (	Applicable	to all LRRs,	inless othe	erwise note	d.)	Indicators to	or Problematic Hydric Soils <sup>3</sup> :			
☐ Histoso	l (A1)			andy Redox	x (S5)		1 cm Muc	k (A9) (LRR C)			
☐ Histic E	pipedon (A2)			tripped Mat		2 cm Muck (A10) (LRR B)					
☐ Black H	listic (A3)			oamy Muck	y Material (F	<del>-</del> 1)	☐ Reduced	Vertic (F18)			
☐ Hydroge	en Sulfide (A4)			-	ed Matrix (F2		☐ Red Pare	nt Material (TF2)			
	d Layers (A5) (L	.RR C)		epleted Ma		,		plain in Remarks)			
	uck (A9) (LRR D				Surface (F6)	1	_ , ,	,			
	d Below Dark S				rk Surface (F						
· ·	ark Surface (A1				essions (F8)	.,					
	Mucky Material (			ernal Pools	, ,			hydrophytic vegetation and wetland hydrology			
,	olucky iviateriai ( Gleyed Matrix (S	,	Ц,	omai i 0015	(1 0)		must be present, unless disturbed or problematic.				
	sieyeu wairix (S	4)									
Restrictive	Layer (if presen	t):									
Type:							Hydric Soils Pres	sent? Yes ☐ No ⊠			
Denth (incl	nes):						Tryuno construct	sent. 165 🗆 No 🖂			
. `	, <u> </u>										
Remarks:											
HYDROI											
	lydrology Indica		autradi abaak	all that anal	h.,			Connecting Indicators (2 or more required)			
	dicators (minimu Water (A1)	m or one rec		all that appl Salt Crust			Secondary Indicators (2 or more required)  Water Marks (B1) (Riverine)				
	ater Table (A2)			Biotic Cru				Sediment Deposits (B2) (Riverine)			
☐ Saturati					vertebrates	(B13)	☐ Drift Deposits (Riverine)				
	Marks (B1) ( <b>Non</b>	rivorino)			Sulfide Odd		• • • •				
	. , .	•				, ,					
	nt Deposits (B2)		•		•	_	• , ,	☐ Dry-Season Water Table (C2)			
	posits (B3) (Nor	,			of Reduced	,	,	Crayfish Burrows (C8)			
	Soil Cracks (B6				on Reduction		1 Solls (C6)	☐ Saturation Visible on Aerial Imagery (C9)			
	ion Visible on A		, ,		k Surface (C	,		Shallow Aquitard (D3)			
☐ Water-S	Stained Leaves (	B9)		Other (Ex	plain in Rem	narks)		☐ FAC-Neutral Test (D5)			
Field Obse	ervations										
Surface Wa	ater Present?	Ye	es 🗌 No 🔲 🛭	epth (in.) _							
Water Tab	le Present?	Υe	es 🗌 No 🔲 [	epth (in.)			Wetland Hydrology	y Present? Yes ☐ No ⊠			
Saturation			es 🗌 No 🗍 [								
	apillary fringe)	10	53 🔲 INO 🔲 L	ерит (пт.) _	<del></del>						
•		tream gaug	e. monitorina	well, aerial	photos prev	ious inst	ections), if available	3:			
2 300,100 1	Daia (6	Juni guug	-, <b>J</b>	, aonai	,, prov						
Remarks:											

Project/Site: <u>Desert Claim</u>		City	/County: Ell	ensburg/Kittitas County	Sampling Date: <u>11-29-17</u>			
Applicant/Owner: <u>EDF</u>		Stat	te: <u>WA</u> Sampling Point: <u>GA-SP-5</u>					
Investigator(s): <u>JD; Grette Associates</u>				_	<u>19</u> Township: <u>19</u> Range: <u>18</u>			
Landform (hillslope, terrace, etc.): <u>Hillslope/swale</u>	<u> </u>			relief (concave⊠, convex⊡, r	· · · · —			
Subregion (LRR): <u>B</u>			Lat: <u>47</u>	<u>′.120594°</u> Long: <u>-120.636155°</u>				
Soil Map Name: <u>Maxhill ashy loam, 0 to 5 percer</u>			_	_	NWI Classification:			
Are climatic/hydrologic conditions on the site typi			year?Yes 🛭					
Are Vegetation ☐ Soil ☐, or Hydrology ☐ signi	-				es" present? Yes 🛛 No 🗌			
Are Vegetation ☐ Soil ☐, or Hydrology ☐ signi	ficantly pro	oblematio	c? (If needed	d, explain in Remarks)				
SUMMARY OF FINDINGS – Attach site m			pling poi	nt locations, transects, in	nportant features, etc.			
	es 🛛 No 🏻							
Hydric soils present? Ye	es 🛛 No 🏻		Is the san	npled area within a wetland?	P Yes ⊠ No □			
Wetland hydrology present? Ye	es 🛛 No 🛭			r				
Remarks: R63								
VEGETATION – Use scientific names of p □		Dominar	nt Indicator	Dominance Test worksheet:				
Tree Stratum (Plot size:30')		Species'						
1				Number of Dominant Species				
2				that are OBL, FACW, or FAC:	<u>1 (A)</u>			
3				Total Number of Dominant				
4				Species Across All Strata:	<u>1 (B)</u>			
		= Total (	Cover	Percent of Dominant Species				
Sapling/Shrub Stratum (Plot size:15')	· <u></u>			that are OBL, FACW, or FAC:	<u>100 (A/B)</u>			
				Prevalence Index worksheet:				
1				Total % Cover of:	Multiply by:			
2 3				Total % Cover of: OBL species	<u>Multiply by:</u> x 1 =			
4				FACW species	x 2 =			
5				FAC species	x 3 =			
		= Total (	Cover	FACU species	x 4 =			
(5)		- Total C	20V <del>C</del> I	UPL species	x 5 =			
Herb Stratum (Plot size:5')				Column Totals(A)	(B)			
1. <u>Poa pratensis</u>	<u>100</u>	<u>Y</u>	<u>FAC</u>					
2			·	Prevalence inde	ex = B/A =			
3				Hydrophytic Vegetation indic	ators:			
4 5			-					
6				☐ Prevalence Index is ≤3.0 <sup>1</sup>				
7					(provide aupporting data in			
8.				☐ Morphological Adaptations <sup>1</sup> Remarks or on a ser				
		= Total (	Cover	☐ Problematic Hydrophytic Ve	,			
Woody Vine Stratum (Plot size: )				Indicators of hydric soil and we				
				present, unless disturbed or pro				
1								
Z					10 Y N D			
		= Total (	Cover	Hydrophytic vegetation pr	esent? Yes 🖂 No 🗌			
	6 Cover of B	Biotic Crus	t					
Remarks:								

		ribe to the				licator or	confirm the abser	nce of indicators.)		
Depth (inches)	Matrix Color (moist)	%	Color (moist)	Redox Fea %	atures Type1	Loc <sub>2</sub>	 Texture	Remarks		
*Rock	Color (moist)	70	COIOI (IIIOISI)	70	Type	LUC2	Texture	Nemans		
NOCK										
1T C. C	`	Danistian	DM Dadward				C  C	antina Di Dana lininana M Matrix		
Type: C=C	concentration; D	=Depletion;	RIVI=Reduced	matrix; CS	=Covered o	r Coated	Sand Grains. Lo	cation: PL=Pore linings; M=Matrix		
Hydric Soi	Is Indicators: (/	Applicable	to all LRRs, u	nless othe	rwise note	d.)	Indicators fo	r Problematic Hydric Soils³:		
☐ Histoso	(A1)		ПSа	ndy Redox	k (S5)		☐ 1 cm Muc	k (A9) ( <b>LRR C</b> )		
	pipedon (A2)			ipped Mat			☐ 2 cm Muck (A10) ( <b>LRR B</b> )			
 ☐ Black H					y Material (F	<del>-</del> 1)	Reduced Vertic (F18)			
	en Sulfide (A4)			-	ed Matrix (F2			nt Material (TF2)		
	d Layers (A5) ( <b>L</b>	RR C)		pleted Ma		,		olain in Remarks)		
	uck (A9) (LRR D				Surface (F6)	)		,		
□ Depleted Below Dark Surface (A11) □ Depleted Dark Surface (F7)										
☐ Thick Dark Surface (A12) ☐ Redox Depressions (F8)										
☐ Sandy N	Mucky Material (	S1)	□ Ve	rnal Pools	(F9)			hydrophytic vegetation and wetland hydrology ent, unless disturbed or problematic.		
☐ Sandy (	Gleyed Matrix (S	4)					must be pres	ent, unless disturbed or problematic.		
Doctrictivo	Lover (if present	٠١.								
_	Layer (if present	.).								
Type:	_						Hydric Soils Pres	sent? Yes ⊠ No □		
Depth (inch	nes):									
Remarks:	Surface rock p	prevented	excavation; h	ydric soils	s presume	d based	on landscape pos	ition and vegetation.		
	·		,	,	•			S		
HYDROL	LOGY									
Wetland H	ydrology Indica									
	<u>licators (minimu</u> Water (A1)	m of one red	quired; check a	<u>ll that appl</u> Salt Crust	<u>y</u> · (D11)			Secondary Indicators (2 or more required)		
	` ,						☐ Water Marks (B1) (Riverine)			
_	ater Table (A2)			Biotic Cru		(D12)		Sediment Deposits (B2) (Riverine)		
☐ Saturati	on (A3) 1arks (B1) ( <b>Non</b> i	rivorino)			vertebrates Sulfide Odd			☐ Drift Deposits (Riverine) ☐ Drainage Patterns (B10)		
	nt Deposits (B2)			-			iving Roots (C3)	☐ Dry-Season Water Table (C2)		
	posits (B3) ( <b>Non</b>	•			of Reduced	_		☐ Crayfish Burrows (C8)		
	Soil Cracks (B6				on Reduction			☐ Saturation Visible on Aerial Imagery (C9)		
	on Visible on Ae				k Surface (C		30113 (00)	☐ Shallow Aquitard (D3)		
	Stained Leaves (	• .	, ,		plain in Rem	,		FAC-Neutral Test (D5)		
Field Obse		50)		Other (EX	piairi iri rtori	141110)				
Surface Wa	ater Present?		es 🗌 No 🔲 De			١,	Matlemal III aluale en	· Brassout 2 Van M No 🗆		
Water Tabl	e Present?	Υe	es 🗌 No 🗌 De	pth (in.) _		'	wetiand Hydrology	Present? Yes ⊠ No □		
Saturation		Υe	es 🗌 No 🔲 De	pth (in.) _						
-	apillary fringe)									
Describe R	ecorded Data (s	tream gaug	e, monitoring w	ell, aerial	photos, prev	ious insp	ections), if available			
D- 1										
Remarks:	Hydrology presu	umed by lan	dscape positio	n, vegetati	on.					

Are Vegetation Soil, or Hydrology signary Vegetation Soil, or Hydrology signary Summary OF FINDINGS – Attach site Hydrophytic vegetation present?  Hydric soils present?	Standard Sta	•				
VEGETATION – Use scientific names o	f plants					
VEGETATION USE SOICHMING HAMES O	Absolute Domina	nt Indicator	Dominance Test worksheet:			
Tree Stratum (Plot size:30')	% Cover Species	? Status	Number of Dominant Species			
1			that are OBL, FACW, or FAC:	<u>1 (A)</u>		
2			Total Number of Dominant	<u>· (/ · /</u>		
3			Species Across All Strata:	<u>2 (B)</u>		
4				<u>= (5)</u>		
	= Total	Cover	Percent of Dominant Species that are OBL, FACW, or FAC:	50 (A/B)		
Sapling/Shrub Stratum (Plot size:15')			Prevalence Index worksheet:	<u>00 (/ 1/D)</u>		
1. Artemisia tridentata	<u>10</u> Y	NL/UPL	Trotalones mask memoria			
2			Total % Cover of:	Multiply by:		
3.			OBL species	x 1 =		
4			FACW species	x 2 =		
5				x 3 =		
	<u>10</u> = Total	Cover		x 4 =		
Herb Stratum (Plot size:5')				x 5 =		
1. Poa pratensis	<u>100</u> Y	FAC	Column Totals(A)	(B)		
2	<u>100</u> <u>1</u>	<u>1 AO</u>				
3			Prevalence index			
4			Hydrophytic Vegetation indicate	ors:		
5			☐ Dominance Test is >50%			
6			☐ Prevalence Index is ≤3.0 <sup>1</sup>			
7 8			☐ Morphological Adaptations¹ (p			
J	= Total	Cover	☐ Problematic Hydrophytic Vege	,		
	= Total	Covei				
Woody Vine Stratum (Plot size: )			<sup>1</sup> Indicators of hydric soil and wetla present, unless disturbed or probl			
1						
2						
	= Total	Cover	Hydrophytic vegetation pres	sent? Yes 🗌 No 🖂		
% Bare Ground in Herb Stratum	% Cover of Biotic Crus	st				
Remarks:						

Profile Des		ribe to the	depth needed	to docun	nent the indi	icator or	confirm the abser	ce of inc	dicators.)		
Depth (inches)	Matrix Color (moist)	%	Color (moist)	Redox Fea %	atures Type1	Loc <sub>2</sub>	 Texture	Por	narks		
0-8	10YR 3/2	100	[	70	Турет	L002	Stony silty loa		iidiks		
	1011( 0/2	100					Otorry only loc				
				-							
					<u> </u>						
<sup>1</sup> Type: C=C	oncentration: D	-Depletion:	PM-Peduced	matrix: CS	E-Covered or	Coated	Sand Grains 21 o	cation: P	L=Pore linings; M=Matrix		
Hydric Soi	Is Indicators: (A	Applicable	to all LRRs, u	nless othe	erwise noted	l.)	Indicators fo	r Proble	matic Hydric Soils³:		
☐ Histoso	I (A1)		☐ Sa	ndy Redox	x (S5)		☐ 1 cm Muck (A9) ( <b>LRR C</b> )				
☐ Histic E	pipedon (A2)		☐ St	ripped Mat	rix (S6)		2 cm Muc	k (A10) (I	LRR B)		
☐ Black H	istic (A3)		☐ Lo	amy Muck	y Material (F	1)	Reduced Vertic (F18)				
☐ Hydroge	en Sulfide (A4)		☐ Lo	amy Gleye	ed Matrix (F2	)	☐ Red Parei	nt Materia	al (TF2)		
☐ Stratifie	d Layers (A5) ( <b>L</b>	RR C)	☐ De	pleted Ma	trix (F3)		Other (Exp	olain in R	emarks)		
1 cm M	uck (A9) ( <b>LRR D</b>	)	□ Re	dox Dark S	Surface (F6)						
□ Deplete	d Below Dark Sເ	urface (A11)	☐ De	pleted Dai	rk Surface (F	7)					
☐ Thick D	ark Surface (A12	2)	□ Re	dox Depre	essions (F8)		a				
☐ Sandy N	Mucky Material (	S1)	□V€	rnal Pools	(F9)				ytic vegetation and wetland hydrology ss disturbed or problematic.		
☐ Sandy 0	Gleyed Matrix (S	4)					must be pres	ont, amo	33 disturbed of problematic.		
Restrictive	Layer (if present	·):									
	, , ,	.,.									
Type:							Hydric Soils Pres	ent? Ye	s □ No ⊠		
Depth (inch	nes):										
Remarks:	Rock at 8"										
HYDROL											
Wetland H	ydrology Indica dicators (minimur	i <b>tors</b> m of one rec	nuired: check a	ll that anni	lv.			Seconda	ary Indicators (2 or more required)		
Surface	Water (A1)	II OI OIIC ICC		Salt Crust			Secondary Indicators (2 or more required)  Water Marks (B1) (Riverine)				
☐ High Wa	ater Table (A2)			Biotic Cru	st (B12)		☐ Sediment Deposits (B2) (Riverine)				
☐ Saturati	on (A3)			Aquatic In	vertebrates	(B13)	☐ Drift Deposits (Riverine)				
☐ Water N	Marks (B1) (Nonr	iverine)		Hydrogen	Sulfide Odo	r (C1)		☐ Drain	nage Patterns (B10)		
	nt Deposits (B2)		ne)	Oxidized I	Rhizosphere	s along L	iving Roots (C3)	☐ Dry-S	Season Water Table (C2)		
	posits (B3) (Non				of Reduced			☐ Cray	fish Burrows (C8)		
	Soil Cracks (B6	•			on Reduction			-	ration Visible on Aerial Imagery (C9)		
	ion Visible on Ae				k Surface (C		` ,		ow Aquitard (D3)		
☐ Water-S	Stained Leaves (I	B9)	` ′ 🗆	Other (Ex	plain in Rem	arks)			Neutral Test (D5)		
Field Obse	ervations										
Surface Wa	ater Present?	Ye	es 🗌 No 🔲 De	enth (in.)							
Water Tabl			es 🗌 No 🔲 De			,	Wetland Hydrology	Present	t? Yes ☐ No ⊠		
							, 0,				
Saturation (includes c	Present? apillary fringe)	Ye	es 🗌 No 🗌 De	epth (in.) _							
-		troom a=	o monitoria e	ıoli oorisi	nhotos ====	ous is s	postiona) if a reliable				
Describe R	ecorded Data (S	ueam gaug	e, monitoring v	reii, aerial	priotos, previ	ous insp	ections), if available	•			
Remarks:											
nomans.											

Project/Site: <u>Desert Claim</u>		City/County: Elle	ensburg/Kittitas County	Sampling Date: <u>11-29-17</u>
Applicant/Owner: <u>EDF</u>		State: WA		Sampling Point: GA-SP-61
Investigator(s): <u>JD; Grette Associates</u>			Section:	<u>19</u> Township: <u>19</u> Range: <u>18</u>
Landform (hillslope, terrace, etc.): Hillslope			elief (concave⊠, convex⊡, r	
Subregion (LRR): <u>B</u>			<u>.119103°</u> Long: <u>-120.631931°</u>	<del>-</del>
Soil Map Name: Reelow-Reeser-Lablue comple				NWI Classification:
Are climatic/hydrologic conditions on the site tyl				
Are Vegetation ☐ Soil ☐, or Hydrology ☐ sign	-			es" present? Yes 🛛 No 🗌
Are Vegetation ☐ Soil ☐, or Hydrology ☐ sigr	nificantly probler	natic? (If needed	d, explain in Remarks)	
SUMMARY OF FINDINGS – Attach site n	nap showing	sampling poir	nt locations, transects, in	nportant features, etc.
Hydrophytic vegetation present?	′es 🛛 No 🗌			
Hydric soils present?	′es 🛛 No 🗌	Is the sam	npled area within a wetland?	? Yes ⊠ No □
Wetland hydrology present?	′es 🛛 No 🗌	lo tilo ouii	ipioa area witiiii a wetiana	. 100 🖾 110 🗀
Remarks: R95S				
VEGETATION – Use scientific names of				
Tree Stratum (Plot size:30')	Absolute Dor <u>% Cover</u> Spe	minant Indicator	Dominance Test worksheet:	
	<u>70 00vci</u> <u>opc</u>	Otatus	Number of Dominant Species	
1		<del></del>	that are OBL, FACW, or FAC:	<u>1 (A)</u>
2 3			Total Number of Dominant	
4	· <del></del>		Species Across All Strata:	<u>1 (B)</u>
		otal Cover	Percent of Dominant Species	
	= 10	otal Cover	that are OBL, FACW, or FAC:	100 (A/B)
Sapling/Shrub Stratum (Plot size:15')			Prevalence Index worksheet:	
1				
2	·		Total % Cover of:	Multiply by:
3	<del></del>		OBL species	x 1 =
4			FACW species	x 2 =
5			FAC species	x 3 = x 4 =
	= To	otal Cover	UPL species	x 5 =
Herb Stratum (Plot size:5')			Column Totals(A)	(B)
1. Poa pratensis	<u>100</u> <u>Y</u>	<u>FAC</u>	( )	(/
2			Prevalence inde	ex = B/A =
3			Hydrophytic Vegetation indic	ators:
4		<del></del>	□ Dominance Test is >50%	
5	<del></del>	<del></del>		
6	<del></del>	<del></del>	☐ Prevalence Index is ≤3.0¹	
7 8.	<del></del>		☐ Morphological Adaptations¹ Remarks or on a ser	
o				,
	= 10	otal Cover	☐ Problematic Hydrophytic Ve	
Woody Vine Stratum (Plot size: )			<sup>1</sup> Indicators of hydric soil and we present, unless disturbed or pro	
1		<u> </u>	present, unless disturbed of pre	bolemanc.
2				
	= Te	otal Cover	Hydrophytic vegetation pr	esent? Yes 🛛 No 🗌
% Bare Ground in Herb Stratum	% Cover of Biotic	Crust		
Remarks:				
İ				

		ribe to the				icator or	confirm the absen	ce of indicators.)			
Depth (inches)	Matrix Color (moist)	%	Color (moist)	Redox Fea %	<u>itures</u> Type₁	Loc <sub>2</sub>		Remarks			
*Rock	Color (molot)	T			Typo	1	Toxicio	Tonano			
<sup>1</sup> Type: C=C	Concentration; D	i =Depletion;	RM=Reduced r	natrix; CS	ECovered or	Coated	Sand Grains. <sup>2</sup> Lo	cation: PL=Pore linings; M=Matrix			
	Is Indicators: (A							r Problematic Hydric Soils³:			
	·	• •				,	_	•			
☐ Histosol	pipedon (A2)			ndy Redox pped Mati		☐ 1 cm Muck (A9) ( <b>LRR C</b> ) ☐ 2 cm Muck (A10) ( <b>LRR B</b> )					
☐ Black H					/ Material (F	1)					
	en Sulfide (A4)				d Matrix (F2		☐ Reduced Vertic (F18) ☐ Red Parent Material (TF2)				
	d Layers (A5) ( <b>L</b>	RR C)		oleted Mat		,		plain in Remarks)			
	uck (A9) ( <b>LRR D</b>	•			Surface (F6)						
	d Below Dark Su				k Surface (F	7)					
	ark Surface (A12				ssions (F8)	-,					
	Mucky Material (			nal Pools				hydrophytic vegetation and wetland hydrology			
-	Gleyed Matrix (S				()		must be pres	ent, unless disturbed or problematic.			
	Layer (if present										
Type:		.,.					Hydria Saila Braa	ont2 Voc ⊠ No □			
Depth (inch							nyunc sons Fres	ent? Yes 🛛 No 🗌			
	, -	revent ex	cavation: hvdr	ic soils n	resumed by	/ landsc	cape position and	vegetation			
rtomants.	Currace rock p	JICVOIII CA	Savation, myar	ic solis p	icounica b	y lariase	ape position and	vegetation			
HYDROL	_OGY										
	ydrology Indica			414 l				Consender the dispetance (O on many many includ)			
Surface	dicators (minimur Water (A1)	n or one rec		Salt Crust				Secondary Indicators (2 or more required)  Water Marks (B1) (Riverine)			
	ater Table (A2)			Biotic Crus	` '			Sediment Deposits (B2) (Riverine)			
☐ Saturati	, ,				vertebrates	(B13)		☐ Drift Deposits (Riverine)			
	Marks (B1) ( <b>Nonr</b>	riverine)			Sulfide Odo			☐ Drainage Patterns (B10)			
	nt Deposits (B2)			-			iving Roots (C3)	☐ Dry-Season Water Table (C2)			
	posits (B3) (Non	•			of Reduced	_		☐ Crayfish Burrows (C8)			
	Soil Cracks (B6			Recent Iro	n Reduction	in Tilled	Soils (C6)	☐ Saturation Visible on Aerial Imagery (C9)			
	on Visible on Ae				Surface (C		` '	☐ Shallow Aquitard (D3)			
	Stained Leaves (I			Other (Exp	olain in Rem	arks)		FAC-Neutral Test (D5)			
Field Obse	ervations										
Surface Wa	ater Present?	Υe	es 🗌 No 🖾 De <sub>l</sub>	oth (in.)							
Water Tabl	e Present?	Υe	es 🗌 No 🛭 De <sub>l</sub>	oth (in.)		'	Wetland Hydrology	Present? Yes ⊠ No □			
Saturation		Υe	es 🗌 No 🛭 De <sub>l</sub>	oth (in.)							
	apillary fringe)										
Describe R	ecorded Data (s	tream gauge	e, monitoring we	ell, aerial p	ohotos, previ	ous insp	ections), if available	:			
Remarks:	Hydrology presu	ımed based	on landscape	osition (d	epression) a	nd off-se	eason timing				
	, a. a. a. a.			· · · · · · · · · · · · · · · ·		511 50	y				

Project/Site: Desert Claim	City	/County: El	lensburg/Kittitas County	Sampling Date: 11-29-17		
Applicant/Owner: EDF	Sta	te: WA		Sampling Point: GA-SP-62		
Investigator(s): JD; Grette Associates			Section: <u>19</u> Township: <u>19</u> Range: <u>18</u>			
Landform (hillslope, terrace, etc.): Hillslope			al relief (concave $\square$ , convex $\square$ , none $\boxtimes$ : Slope (%): $\underline{4}$			
Subregion (LRR): <u>B</u>			Lat: 47.119083° Long: -120.632087° Datum: NAD83(2011)			
Soil Map Name: Reelow-Reeser-Lablue comp				NWI Classification:		
Are climatic/hydrologic conditions on the site ty						
Are Vegetation Soil, or Hydrology sig	-			nces" present? Yes 🛛 No 🗌		
Are Vegetation ☐ Soil ☐, or Hydrology ☐ sig	inificantly problemation	c? (If neede	d, explain in Remarks)			
SUMMARY OF FINDINGS – Attach site	map showing san	npling poi	nt locations, transects, i	mportant features, etc.		
Hydrophytic vegetation present?	Yes 🛛 No 🗌					
Hydric soils present?	Yes 🗌 No 🛛	ls the sar	npled area within a wetland	d? Yes □ No ⊠		
Wetland hydrology present?	Yes 🗌 No 🛛	is the sai	iipied area withiii a wetiant	i les 🗆 No 🖂		
Remarks: R95S		1				
VEGETATION – Use scientific names o	f plants Absolute Domina	nt Indicator	Dominance Test worksheet:	<u> </u>		
Tree Stratum (Plot size:30')	% Cover Species					
1			Number of Dominant Species that are OBL, FACW, or FAC:			
2.				<u>1 (A)</u>		
3			Total Number of Dominant			
4			Species Across All Strata:	<u>1 (B)</u>		
	= Total	Cover	Percent of Dominant Species	100 (1/D)		
Sapling/Shrub Stratum (Plot size:15')			that are OBL, FACW, or FAC:			
			Prevalence Index workshee	t:		
1 2			Total % Cover of:	Multiply by:		
3			OBL species	x 1 =		
4			FACW species	x 2 =		
5			FAC species	x 3 =		
-	= Total	Covor	FACU species	x 4 =		
	= 10tai	Covei	UPL species	x 5 =		
Herb Stratum (Plot size:5')			Column Totals(A)	(B)		
1. <u>Poa pratensis</u>	<u>100</u> <u>Y</u>	<u>FAC</u>				
2			Prevalence inc	dex = B/A =		
3			Hydrophytic Vegetation indi	cators:		
4 5			□ Dominance Test is >50%			
6			☐ Prevalence Index is ≤3.0 <sup>1</sup>			
7			☐ Morphological Adaptations	s <sup>1</sup> (provide supporting data in		
8			Remarks or on a s			
	= Total	Cover	☐ Problematic Hydrophytic \	/egetation1 (explain)		
Woody Vine Stratum (Plot size: )			<sup>1</sup> Indicators of hydric soil and w present, unless disturbed or p			
1 2.	<del></del>					
Z			II to a decrease and a second	10 V . N . D		
	= Total		Hydrophytic vegetation p	present? Yes 🖂 No 📋		
% Bare Ground in Herb Stratum	% Cover of Biotic Crus	st				
Remarks:						

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth (inches)	Matrix_ Color (moist)	%	Color (moist	_ <u>Redox Fea</u> )       %	Type <sub>1</sub>	Loc <sub>2</sub>	_ Texture	Remarks			
0-8	10YR 3/3	100	10001	, , , , , , , , , , , , , , , , , , , ,	Турот	2002	Silt loam	Remarks			
	Cobble	100					Oncidani				
8+	hardpan										
<sup>1</sup> Type: C=C	i Concentration: D	i =Depletion:	RM=Reduced		: =Covered or	Coated S	Sand Grains. <sup>2</sup> Lo	i. cation: PL=Pore linings; M=Matrix			
	ils Indicators: (							r Problematic Hydric Soils³:			
☐ Histoso	J (Δ1)		По	andy Redox	(95)		□ 1 cm Muck	(AQ) (I PP C)			
	pipedon (A2)			tripped Matr		☐ 1 cm Muck (A9) ( <b>LRR C</b> ) ☐ 2 cm Muck (A10) ( <b>LRR B</b> )					
☐ Black H				• •	/ Material (F	1)	Reduced Vertic (F18)				
	en Sulfide (A4)			-	d Matrix (F2)			nt Material (TF2)			
	ed Layers (A5) ( <b>L</b>	.RR C)		epleted Mat				plain in Remarks)			
	luck (A9) (LRR D			edox Dark S	, ,		(	,			
	ed Below Dark S				k Surface (F	7)					
-	ark Surface (A1			edox Depre	•	,					
	Mucky Material (			ernal Pools				hydrophytic vegetation and wetland hydrology			
☐ Sandy 0	Gleyed Matrix (S	4)					must be prese	ent, unless disturbed or problematic.			
Restrictive	Layer (if presen	t):									
Type:		-7-						(A)			
							Hydric Soils Pres	ent? Yes ☐ No ⊠			
Depth (inch											
Remarks:											
HADBOI	LOCY										
HYDROI Wetland H	lydrology Indica	ators									
Primary Inc	dicators (minimu		quired; check	all that apply	<u>Y</u>			Secondary Indicators (2 or more required)			
☐ Surface	e Water (A1)			Salt Crust	(B11)		☐ Water Marks (B1) (Riverine)				
	ater Table (A2)			Biotic Crus				Sediment Deposits (B2) (Riverine)			
Saturati				•	vertebrates (	,		Drift Deposits (Riverine)			
	Marks (B1) ( <b>Non</b>				Sulfide Odor	, ,		Drainage Patterns (B10)			
	ent Deposits (B2)				•	•	• ,	☐ Dry-Season Water Table (C2)			
	eposits (B3) (Nor				of Reduced I			Crayfish Burrows (C8)			
	e Soil Cracks (B6	5)	L	J Recent Iro	n Reduction	in Tilled	Soils (C6)	☐ Saturation Visible on Aerial Imagery (C9)			
☐ Inundation Visible on Aerial Imagery (B7) ☐ Thin Muck Surface (C7)											
		•			•	•		☐ Shallow Aquitard (D3)			
☐ Water-S	Stained Leaves (	•			Surface (C7	•		☐ Shallow Aquitard (D3) ☐ FAC-Neutral Test (D5)			
	Stained Leaves (	•			•	•					
☐ Water-S	Stained Leaves (	B9)		Other (Exp	olain in Rema	arks)		☐ FAC-Neutral Test (D5)			
☐ Water-S Field Obse Surface Wa Water Tabl	Stained Leaves ( ervations ater Present? le Present?	B9)		Other (Exp	olain in Rema	arks)					
Water-S Field Obse Surface Water Tabl Saturation	Stained Leaves ( ervations ater Present? le Present?	B9) Ye Ye	es 🗌 No 🗍 D	Other (Expected (in.)	olain in Rema	arks)		☐ FAC-Neutral Test (D5)			
Field Obset Surface Wa Water Tabl Saturation (includes c	Stained Leaves ( ervations ater Present? le Present? Present? capillary fringe)	B9) Ye Ye	es   No   C es   No   C es   No   C	Other (Expected (in.)	olain in Rema	arks)		☐ FAC-Neutral Test (D5)  Present? Yes ☐ No ☒			
Field Obset Surface Wa Water Tabl Saturation (includes c	Stained Leaves ( ervations ater Present? le Present? Present? capillary fringe)	B9) Ye Ye	es   No   C es   No   C es   No   C	Other (Expected (in.)	olain in Rema	arks)	Vetland Hydrology	☐ FAC-Neutral Test (D5)  Present? Yes ☐ No ☒			
Field Obset Surface Wa Water Tabl Saturation (includes c	Stained Leaves ( ervations ater Present? le Present? Present? capillary fringe)	B9) Ye Ye	es   No   C es   No   C es   No   C	Other (Expected (in.)	olain in Rema	arks)	Vetland Hydrology	☐ FAC-Neutral Test (D5)  Present? Yes ☐ No ☒			
Field Obset Surface Wa Water Tabl Saturation (includes c	Stained Leaves ( ervations ater Present? le Present? Present? capillary fringe) Recorded Data (s	B9) Ye Ye	es   No   C es   No   C es   No   C	Other (Expected (in.)	olain in Rema	arks)	Vetland Hydrology	☐ FAC-Neutral Test (D5)  Present? Yes ☐ No ☒			
Water-S Field Obse Surface Wa Water Tabl Saturation (includes c	Stained Leaves ( ervations ater Present? le Present? Present? capillary fringe) Recorded Data (s	B9) Ye Ye	es   No   C es   No   C es   No   C	Other (Expected (in.)	olain in Rema	arks)	Vetland Hydrology	☐ FAC-Neutral Test (D5)  Present? Yes ☐ No ☒			
Water-S Field Obse Surface Wa Water Tabl Saturation (includes c	Stained Leaves ( ervations ater Present? le Present? Present? capillary fringe) Recorded Data (s	B9) Ye Ye	es   No   C es   No   C es   No   C	Other (Expected (in.)	olain in Rema	arks)	Vetland Hydrology	☐ FAC-Neutral Test (D5)  Present? Yes ☐ No ☒			

Project/Site: <u>Desert Claim</u>		City	/County: Elle	ensburg/Kittitas County	Sampling Date: <u>11-29-17</u>
Applicant/Owner: <u>EDF</u>		-	e: WA		Sampling Point: GA-SP-63
Investigator(s): JD; Grette Associates					<u>80</u> Township: <u>19</u> Range: <u>18</u>
Landform (hillslope, terrace, etc.): Hillslope			Local r	relief (concave⊠, convex⊡, r	one⊡: Slope (%): <u>4</u>
Subregion (LRR): <u>B</u>			Lat: <u>47</u>	<u> 113126°</u> Long: <u>-120.627196° /</u>	Datum: NAD83(2011)
Soil Map Name: Sketter-Millhouse-Lablue comple					NWI Classification:
Are climatic/hydrologic conditions on the site typi					
Are Vegetation 🗌 Soil 🔲, or Hydrology 🗌 signif	-				es" present? Yes 🛛 No 🗌
Are Vegetation 🗌 Soil 🔲, or Hydrology 🔲 signif	ficantly pro	oblematio	c? (If needed	d, explain in Remarks)	
SUMMARY OF FINDINGS – Attach site ma	ap show	ing san	npling poi	nt locations, transects, im	portant features, etc.
Hydrophytic vegetation present? Ye	s 🛛 No [				
Hydric soils present? Ye	s 🛛 No [		le the con	npled area within a wetland?	Yes ⊠ No □
Wetland hydrology present? Ye	s 🛛 No [		is the sail	ipied area within a wetiand?	res 🖂 No 🗀
Remarks: R88in swale, moist and deep cattle					
,,	<b></b>				
VEGETATION – Use scientific names of p					
Tree Stratum (Plot size:30' )		Dominal Species	nt Indicator	Dominance Test worksheet:	
	% Cover	Species	! Status	Number of Dominant Species	
1				that are OBL, FACW, or FAC:	<u>1 (A)</u>
2				Total Number of Dominant	
3				Species Across All Strata:	<u>1 (B)</u>
4				Percent of Dominant Species	
		= Total (	Cover	that are OBL, FACW, or FAC:	100 (A/B)
Sapling/Shrub Stratum (Plot size:15')				Prevalence Index worksheet:	
1					
2				Total % Cover of:	Multiply by:
3				OBL species	x 1 =
4				FACW species	x 2 =
5				FAC species	x 3 =
		= Total (	Cover	FACU species	x 4 =
Herb Stratum (Plot size:5')				UPL species	x 5 =
1. Poa pratensis	90	Y	FAC	Column Totals(A)	(B)
2. <u>UNID grass</u>	<u>55</u> 10	<u></u> <u>N</u>	FAC*		
3.	<u></u>	-		Prevalence inde	<del></del>
4		·		Hydrophytic Vegetation indica	ators:
5				□ Dominance Test is >50%	
6				☐ Prevalence Index is ≤3.0 <sup>1</sup>	
7				☐ Morphological Adaptations¹	(provide supporting data in
8				Remarks or on a sep	
		= Total (	Cover	☐ Problematic Hydrophytic Ve	getation <sup>1</sup> (explain)
Woody Vine Stratum (Plot size: )				<sup>1</sup> Indicators of hydric soil and we	tland hydrology must be
1				present, unless disturbed or pro	
2					
<u></u>					and Van Man
		= Total (		Hydrophytic vegetation pro	esent? Tes 🖂 No 🗌
	Cover of E	Biotic Crus	it		
Remarks: *Unidentified grass assumed FAC					

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)												
Depth (inches)	Matrix Color (moist)	%	Color (m		edox Fea %	atures Type1	Loc <sub>2</sub>	 Texture	Remarks			
*Rock	Color (moist)	/0 T	COIOI (II	10151)	/0	Type	LUCZ	Texture	Remains			
NUCK												
<sup>1</sup> Type: C=C	Concentration; D	=Depletion;	RM=Red	uced m	atrix; CS	=Covered or	Coated	Sand Grains. <sup>2</sup> Lo	ocation: PL=Pore linings; M=Matrix			
Hydric Soi	Is Indicators: (/	Applicable	to all LRI	Rs, unle	ess othe	rwise noted	l.)	Indicators fo	or Problematic Hydric Soils <sup>3</sup> :			
	•	•					•	□ 4 om Muse	Jr (AO) (LBB C)			
Histosol	, ,				ly Redox				k (A9) (LRR C)			
	pipedon (A2)				ped Mati		41	2 cm Muck (A10) ( <b>LRR B</b> )				
☐ Black H	. ,					y Material (F		☐ Reduced Vertic (F18) ☐ Red Parent Material (TF2)				
	en Sulfide (A4)	DD 0)				d Matrix (F2	)					
	d Layers (A5) (L	•			eted Mat			⊠ Other (Ex	plain in Remarks)			
	uck (A9) (LRR D					Surface (F6)	-\					
	d Below Dark Su	. ,				rk Surface (F	7)					
	ark Surface (A12	•				essions (F8)		3Indicators of	hydrophytic vegetation and wetland hydrology			
_	Mucky Material (		l	Vern	al Pools	(F9)			ent, unless disturbed or problematic.			
☐ Sandy C	Gleyed Matrix (S	4)										
Restrictive	Layer (if present	t):										
Type:								Undria Caila Dras	nent2 Vee 🖂 Ne 🖂			
· · ·	<del></del>							nyaric Soils Pres	sent? Yes ⊠ No □			
Depth (inch	•											
Remarks:	Surface rock p	prevented (	excavati	on; hyd	Iric soils	s presumed	by land	dscape position, p	presumtion of saturation >14 days.			
L												
HYDROL												
	ydrology Indica			111-1	h - t b				0			
Primary inc	<u>licators (minimu</u> Water (A1)	m of one red	quirea; cn		nat appr alt Crust				Secondary Indicators (2 or more required)  Water Marks (B1) (Riverine)			
	ater Table (A2)				iotic Crus	, ,			Sediment Deposits (B2) (Riverine)			
☐ Saturati						vertebrates	(B13)	• • • • •				
	arks (B1) ( <b>Non</b> i	riverine)				Sulfide Odo			☐ Drainage Patterns (B10)			
	nt Deposits (B2)	•	ne)					_iving Roots (C3)	☐ Dry-Season Water Table (C2)			
	posits (B3) ( <b>Non</b>	•	,			of Reduced	U	3 ( )	☐ Crayfish Burrows (C8)			
	Soil Cracks (B6					n Reduction			☐ Saturation Visible on Aerial Imagery (C9)			
	on Visible on Ae		/ (B7)			Surface (C		(00)	☐ Shallow Aquitard (D3)			
	Stained Leaves (		(51)			plain in Rem			FAC-Neutral Test (D5)			
Field Obse												
Surface Wa	ater Present?	Υe	es 🗌 No	∐ Dept	h (in.)				A			
Water Tabl	e Present?	Ye	es 🗌 No	☐ Dept	h (in.)			Wetland Hydrology	y Present? Yes ⊠ No □			
Saturation (includes ca	Present? apillary fringe)	Υe	es 🗌 No	☐ Dept	h (in.)							
Describe R	ecorded Data (s	tream gauge	e, monito	ring wel	l, aerial r	photos, previ	ous insp	ections), if available	e:			
		5 5		•	'	, , , ,		,.				
Remarks:	Out of growing s	season; pre	sumed we	et in spr	ing base	ed on appera	nce of so	oil				
	3.29	, F. o.		-1	5							

Project/Site: <u>Desert Claim</u>		City	/County: Ell	ensburg/Kittitas County	Sampling Date: <u>11-29-17</u>
Applicant/Owner: <u>EDF</u>		-	e: <u>WA</u>		Sampling Point: GA-SP-64
Investigator(s): JD; Grette Associates					30 Township: <u>19</u> Range: <u>18</u>
Landform (hillslope, terrace, etc.): Hillslope			Local r	relief (concave□, convex□, i	none⊠: Slope (%): 4
Subregion (LRR): <u>B</u>			Lat: <u>47</u>	<u>7.113103°</u> Long: <u>-120.627093</u> °	Datum: <u>NAD83(2011)</u>
Soil Map Name: Sketter-Millhouse-Lablue comp	lex, 0 to 5 p	ercent s			NWI Classification:
Are climatic/hydrologic conditions on the site typ	ical for this	time of	year?Yes 🏻	☑ No 🗌 (If no, explain in Ren	narks)
Are Vegetation ☐ Soil ☐, or Hydrology ☐ sign	ificantly dis	turbed?		Are "Normal Circumstand	es" present? Yes 🗵 No 🗌
Are Vegetation ☐ Soil ☐, or Hydrology ☐ sign	ificantly pro	blematic	? (If needed	d, explain in Remarks)	
SUMMARY OF FINDINGS – Attach site m	nap showi	na sam	nolina poil	nt locations, transects, in	nportant features, etc.
	es 🛛 No 🗆		1 31 -	,	, , , , , , , , , , , , , , , , , , , ,
	es 🔲 No 🛭				
	es ☐ No ∑		Is the san	npled area within a wetland?	? Yes □ No ⊠
Remarks: R88; upslope of wet area with cattle		7			
Remarks. Roo, upslope of wet area with cattle	piiiis				
VEGETATION – Use scientific names of	plants				
	Absolute		nt Indicator	Dominance Test worksheet:	
Tree Stratum (Plot size:30')	% Cover	Species'	? Status	Number of Dominant Species	
1				that are OBL, FACW, or FAC:	<u>1 (A)</u>
2				Total Number of Dominant	<u> ()</u>
3				Species Across All Strata:	<u>1 (B)</u>
4				Percent of Dominant Species	<u>· (5)</u>
		= Total C	Cover	that are OBL, FACW, or FAC:	100 (A/B)
Sapling/Shrub Stratum (Plot size:15')				Prevalence Index worksheet:	100 (A/B)
1				Frevalence muex worksheet.	
2	-			Total % Cover of:	Multiply by:
3				OBL species	x 1 =
4	· <u> </u>			FACW species	x 2 =
5				FAC species	x 3 =
		= Total C	Cover	FACU species	x 4 =
Llorb Ctrotum (Diet size(E))		. 010.		UPL species	x 5 =
Herb Stratum (Plot size:5')				Column Totals (A)	(B)
1. <u>Poa pratensis</u>	<u>100</u>	<u>Y</u>	<u>FAC</u>		
2			-	Prevalence inde	ex = B/A =
3				Hydrophytic Vegetation indic	ators:
4					
5 6				Prevalence Index is ≤3.0 <sup>1</sup>	
7					
8.				☐ Morphological Adaptations¹ Remarks or on a set	
0		= Total 0	Cover	☐ Problematic Hydrophytic Ve	,
		= Total C	Jovei		
Woody Vine Stratum (Plot size: )				<sup>1</sup> Indicators of hydric soil and we present, unless disturbed or pro	
1				process, annual and pro-	
2					
		= Total C	Cover	Hydrophytic vegetation pr	esent? Yes 🖂 No 🗌
% Bare Ground in Herb Stratum	% Cover of B	iotic Crus	t		
Remarks:				ı	
İ					

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)										
Depth (inches)	Matrix	%	Color (ma	Redox Fea		Las	— Toyturo	Domouleo		
(inches)	Color (moist)	70 T	Color (mo	oist) %	Type <sub>1</sub>	Loc <sub>2</sub>	Texture	Remarks		
*Rock										
						<b>.</b>				
<sup>1</sup> Type: C=0	Concentration; D	=Depletion;	RM=Redu	ced matrix; CS	=Covered or	r Coated	Sand Grains. <sup>2</sup> Lo	ocation: PL=Pore linings; M=Matrix		
Hydric Soi	ils Indicators: (/	Applicable	to all LRRs	s, unless othe	erwise noted	d.)	Indicators fo	or Problematic Hydric Soils <sup>3</sup> :		
		•				,		·		
Histoso	, ,			Sandy Redox			k (A9) (LRR C)			
	pipedon (A2)			Stripped Mat		.47		k (A10) ( <b>LRR B</b> )		
☐ Black H	` '			Loamy Muck			Reduced	• •		
	en Sulfide (A4)	DD 0)		Loamy Gleye		(1)		nt Material (TF2)		
	d Layers (A5) (L	•		Depleted Ma	` ,		☐ Other (Ex	plain in Remarks)		
	uck (A9) (LRR D		_	Redox Dark	` ,					
	d Below Dark Su	,		Depleted Da		(1)				
	ark Surface (A12	,		Redox Depre	, ,		3Indicators of	hydrophytic vegetation and wetland hydrology		
-	Mucky Material (	•		Vernal Pools	(F9)			ent, unless disturbed or problematic.		
☐ Sandy 0	Gleyed Matrix (S	4)								
Restrictive	Layer (if present	t):								
Type:							Hydria Caila Bras	cont2 Voc 🗆 No 🖂		
	<u></u>						nyuric Solis Pres	sent? Yes ☐ No ⊠		
Depth (inch										
Remarks:	*Suface rock p	prevented	excavatio	n; hydric soil	s presumed	d not pre	esent based on ele	evation difference compared to wet area		
HYDROI										
	lydrology Indica			al. all that awal				Casas dam da disatana (2 an mana na minad)		
☐ Surface	dicators (minimur Water (A1)	m or one rec	<u>juirea; cne</u>	Salt Crust				Secondary Indicators (2 or more required)  Water Marks (B1) (Riverine)		
	ater Table (A2)			☐ Biotic Cru				☐ Sediment Deposits (B2) (Riverine)		
☐ Saturati				☐ Aquatic Ir	,	(B13)	☐ Drift Deposits (Riverine)			
	лагкs (В1) ( <b>Nonr</b>	riverine)		Hydrogen		. ,		☐ Drainage Patterns (B10)		
	nt Deposits (B2)		ne)				iving Roots (C3)	☐ Dry-Season Water Table (C2)		
	posits (B3) (Non	`	,	☐ Presence		_		☐ Crayfish Burrows (C8)		
	Soil Cracks (B6			☐ Recent Iro				☐ Saturation Visible on Aerial Imagery (C9)		
	ion Visible on Ae	•	/ (B7)	☐ Thin Mucl			(00)	☐ Shallow Aquitard (D3)		
	Stained Leaves (I		(51)	Other (Ex				FAC-Neutral Test (D5)		
Field Obse					piairi iir rtoiri					
Surface Wa	ater Present?	Ye	es 🗌 No 🗀	Depth (in.)						
Water Tabl	le Present?	Υe	es 🗌 No 🗀	Depth (in.) _		'	Wetland Hydrology	y Present? Yes □ No ⊠		
Saturation (includes c	Present? apillary fringe)	Υe	es 🗌 No 🗀	Depth (in.) _						
Describe R	Recorded Data (s	tream gauge	e. monitorii	ng well, aerial	photos prev	ious insn	ections), if available	<b>:</b>		
2 3001100 1	Data (5	Jann gaag	_,	, aonai	,, piov	. 2 n iop	, ii avanabic			
Remarks:										

Project/Site: Desert Claim		City/	County: Elle	ensburg/Kittitas County	Sampling Date: <u>11-29-17</u>
Applicant/Owner: <u>EDF</u>		State	e: <u>WA</u>		Sampling Point: GA-SP-65
Investigator(s): JD; Grette Associates				Section: 3	<u>30</u> Township: <u>19</u> Range: <u>18</u>
Landform (hillslope, terrace, etc.): Hillslope			Local r	elief (concave⊠, convex⊡, r	none⊡: Slope (%): <u>4</u>
Subregion (LRR): <u>B</u>			Lat: <u>47</u>	.110837° Long: -120.625144°	
Soil Map Name: <u>Sketter-Millhouse-Lablue comp</u>					NWI Classification:
Are climatic/hydrologic conditions on the site typ			⁄ear?Yes 🛭		
Are Vegetation 🔲 Soil 🔲, or Hydrology 🔲 sigr	-				es" present? Yes 🛛 No 🗌
Are Vegetation ☐ Soil ☐, or Hydrology ☐ sigr	ificantly prob	olematic	? (If needed	d, explain in Remarks)	
SUMMARY OF FINDINGS – Attach site n	nap showin	ng sam	pling poir	nt locations, transects, in	nportant features, etc.
Hydrophytic vegetation present?	′es 🛛 No 🗌				
Hydric soils present?	′es 🛛 No 🗌		Is the sam	npled area within a wetland?	Yes ⊠ No □
Wetland hydrology present?	′es ⊠ No 🗌		is the sun	ipica area within a wettana.	
Remarks: R90					
VEGETATION – Use scientific names of					
Tree Stratum (Plot size:30')	Absolute I <u>% Cover</u>			Dominance Test worksheet:	
	<u> 70 COVEL</u> S	оресіез :	Otatus	Number of Dominant Species	
1				that are OBL, FACW, or FAC:	<u>1 (A)</u>
2 3				Total Number of Dominant	
4				Species Across All Strata:	<u>1 (B)</u>
<del>*</del>		Tatal C	<u> </u>	Percent of Dominant Species	
		= Total C	over	that are OBL, FACW, or FAC:	100 (A/B)
Sapling/Shrub Stratum (Plot size:15')				Prevalence Index worksheet:	
1					
2				Total % Cover of:	Multiply by:
3				OBL species	x 1 =
4				FACW species	x 2 =
5				FACIL analisa	x 3 = x 4 =
	:	= Total C	Cover	FACU species UPL species	x 4 = x 5 =
Herb Stratum (Plot size:5')				Column Totals(A)	(B)
1. Poa pratensis	90	<u>Y</u>	<u>FAC</u>	Oolaniii Totais(A)	(D)
2				Prevalence inde	ex = B/A =
3				Hydrophytic Vegetation indica	
4				□ Dominance Test is >50%	
5					
6				☐ Prevalence Index is ≤3.0 <sup>1</sup>	
7				☐ Morphological Adaptations <sup>1</sup> Remarks or on a ser	
8					,
	=	= Total C	Cover	☐ Problematic Hydrophytic Ve	,
Woody Vine Stratum (Plot size: )				<sup>1</sup> Indicators of hydric soil and we	
1				present, unless disturbed or pro	biemaiic.
2					
	:	= Total C	Cover	Hydrophytic vegetation pr	esent? Yes ⊠ No □
% Bare Ground in Herb Stratum	% Cover of Bio	otic Crust	t		
Remarks:	70 0010. 0. 2.0		· <u> </u>		
Nomana.					

		ribe to the	depth neede			cator o	r confirm the abser	nce of indicators.)			
Depth (inches)	Matrix Color (moist)	%	Color (moist)	Redox Fea %	atures Type1	Loc <sub>2</sub>	 Texture	Remarks			
*Rock	Color (moist)	/0	Color (IIIolst)	/0	Type	LUCZ	Texture	Nemarks			
NOCK											
Type: C=0	Concentration; D	=Depletion;	RM=Reduced	matrix; CS	=Covered or	Coated	Sand Grains. Lo	ocation: PL=Pore linings; M	I=Matrix		
Hydric Soi	ils Indicators: (A	Applicable t	o all LRRs, u	nless othe	rwise noted	l.)	Indicators fo	or Problematic Hydric Soi	ils³:		
☐ Histoso	I (A1)		Пs	andy Redox	(S5)		☐ 1 cm Muc	k (A9) ( <b>LRR C</b> )			
	pipedon (A2)			ripped Mat		2 cm Muck (A10) (LRR B)					
☐ Black H					y Material (F	1)	☐ Reduced	, , , ,			
	en Sulfide (A4)				ed Matrix (F2		Red Parent Material (TF2)				
	d Layers (A5) ( <b>L</b>	RR C)		epleted Mat		,	☐ Other (Explain in Remarks)				
	uck (A9) (LRR D	•			Surface (F6)		(	,			
	d Below Dark Su	•			k Surface (F	7)					
•	ark Surface (A12	, ,		edox Depre	ssions (F8)	,					
	Mucky Material (			ernal Pools				hydrophytic vegetation an			
-	Gleyed Matrix (S				` ,		must be pres	ent, unless disturbed or pr	oblematic.		
-							1				
Restrictive	Layer (if present	:):									
Type:	_						Hydric Soils Pres	sent? Yes 🛛 No 🗌			
Depth (inch	nes):										
Remarks:	*Surface rock	prevented	excavation:	hvdric soi	ls presume	d based	d on landscape po	sition			
			,	,							
HYDROI	OGY										
Wetland H	ydrology Indica	itors									
	dicators (minimur	m of one rec						Secondary Indicators (2 o			
	Water (A1)			Salt Crust	. ,			☐ Water Marks (B1) (Riv	•		
_	ater Table (A2)			Biotic Cru		(D40)		☐ Sediment Deposits (B			
☐ Saturati				•	vertebrates			☐ Drift Deposits (Rivering	•		
	Marks (B1) (Nonr				Sulfide Odo		1 in in a D a a (a (00)	☐ Drainage Patterns (B1			
	nt Deposits (B2)	•	•			_	Living Roots (C3)	☐ Dry-Season Water Tal			
	posits (B3) (Non				of Reduced			☐ Crayfish Burrows (C8)			
	Soil Cracks (B6				n Reduction		1 Solis (Cb)	Saturation Visible on A	=		
	ion Visible on Ae		` '		Surface (C			☐ Shallow Aquitard (D3)			
	Stained Leaves (I	D9)		Other (Ex	plain in Rem	arks)		☐ FAC-Neutral Test (D5)	)		
Field Obse	ervations										
Surface Wa	ater Present?	Ye	s 🗌 No 🔲 D	epth (in.) _							
Water Tabl	e Present?	Ye	s 🗌 No 🔲 D	epth (in.) _			Wetland Hydrology	y Present? Yes ⊠ No 🗌			
Saturation	Present?	Ye	s 🗌 No 🔲 D	epth (in.)							
(includes c	apillary fringe)			-							
Describe R	ecorded Data (s	tream gauge	e, monitorina v	vell, aerial ı	photos, previ	ous inst	pections), if available	):			
	`	0 0	,		· · ·		,,				
Remarks:	Hydrology presu	ımed based	on landscape	position; s	ite visit occu	rred in o	ff-season				
			·								

Project/Site: Desert Claim		City	/County: <u>El</u>	ensburg/Kittitas County	Sampling Date: 11-29-17		
Applicant/Owner: EDF		Stat	e: <u>WA</u>		Sampling Point: GA-SP-66		
Investigator(s): <u>JD; Grette Associates</u>				Section: 30 Township: 19 Range: 18			
Landform (hillslope, terrace, etc.): Hillslope			Local	relief (concave $\square$ , convex $\square$ ,	none⊠: Slope (%): <u>4</u>		
Subregion (LRR): <u>B</u>				7.110726° Long: <u>-120.62507</u>			
Soil Map Name: Sketter-Millhouse-Lablue com					NWI Classification:		
Are climatic/hydrologic conditions on the site ty			year? Yes				
Are Vegetation Soil, or Hydrology sig					nces" present? Yes 🛛 No 🗌		
Are Vegetation $\square$ Soil $\square$ , or Hydrology $\square$ sig	inificantly pr	oblemation	c? (If neede	d, explain in Remarks)			
SUMMARY OF FINDINGS – Attach site	map show	ing sam	pling poi	nt locations, transects, i	mportant features, etc.		
Hydrophytic vegetation present?	Yes 🛛 No						
Hydric soils present?	Yes 🗌 No	$\boxtimes$	le tha sar	npled area within a wetland	d? Yes □ No ⊠		
Wetland hydrology present?	Yes 🗌 No	$\boxtimes$	is the sai	iipied area witiiii a wetiaiit	i les 🗆 No 🖂		
Remarks: R90							
VEGETATION – Use scientific names o		e Dominar	nt Indicator	Dominance Test worksheet:			
Tree Stratum (Plot size:30')		r Species					
1				Number of Dominant Species that are OBL, FACW, or FAC:			
2					<u>1 (A)</u>		
3.				Total Number of Dominant			
4				Species Across All Strata:	<u>1 (B)</u>		
		= Total C	Cover	Percent of Dominant Species			
Sapling/Shrub Stratum (Plot size:15')				that are OBL, FACW, or FAC:			
				Prevalence Index worksheet	t:		
1				Total 0/ Cover of	Barrista I. I. I.		
2				Total % Cover of:	Multiply by:		
3 4				OBL species	x 1 = x 2 =		
5				FAC species	x 3 =		
J				FACU species	x 4 =		
		= Total C	Jover	UPL species	x 5 =		
Herb Stratum (Plot size:5')				Column Totals(A)	(B)		
1. Poa pratensis	<u>70</u>	<u>Y</u>	<u>FAC</u>	(,			
2. <u>UNID forb</u>	<u>30</u>	<u>Y</u>	=	Prevalence inc	dex = B/A =		
3				Hydrophytic Vegetation indi	cators:		
4				□ Dominance Test is >50%			
5				I — .			
6				Prevalence Index is ≤3.0¹			
7 8.				☐ Morphological Adaptations Remarks or on a se			
o		= Total (	Cover	☐ Problematic Hydrophytic \	'		
		= Total C	20vei				
Woody Vine Stratum (Plot size: )				<sup>1</sup> Indicators of hydric soil and w present, unless disturbed or p			
1							
2							
		= Total (	Cover	Hydrophytic vegetation p	oresent? Yes ⊠ No □		
% Bare Ground in Herb Stratum	% Cover of	Biotic Crus	t				
Remarks:							

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)										
Depth	Matrix	%	Color (moist)	Redox Fea %		Loc <sub>2</sub>	 Texture	Remarks		
(inches) 0-16	Color (moist) 10YR 3/3	100	Color (moist)	70	Type <sub>1</sub>	LUC2	Silt loam	Remarks		
0-10	1011 3/3	100					Siit ioairi			
				-		ļ				
1						<u> </u>	2.			
Type: C=C	Concentration; D	=Depletion;	RM=Reduced	matrix; CS	=Covered or	Coated	Sand Grains. Lo	cation: PL=Pore linings; M=Matrix		
Hydric Soi	Is Indicators: (/	Applicable	to all LRRs, u	nless othe	rwise noted	l.)	Indicators fo	r Problematic Hydric Soils <sup>3</sup> :		
☐ Histosol	(A1)		∏sa	andy Redox	(S5)		☐ 1 cm Mucl	(A9) ( <b>LRR C</b> )		
	pipedon (A2)			ripped Mat			☐ 2 cm Muck (A10) ( <b>LRR B</b> )			
☐ Black H					y Material (F	1)	Reduced Vertic (F18)			
	en Sulfide (A4)			-	ed Matrix (F2)			nt Material (TF2)		
	d Layers (A5) ( <b>L</b>	RR C)		epleted Ma				plain in Remarks)		
1 cm Mu	uck (A9) (LRR D	))	□ R	edox Dark	Surface (F6)					
☐ Deplete	d Below Dark Sเ	urface (A11)	☐ De	epleted Dai	k Surface (F	7)				
☐ Thick D	ark Surface (A12	2)	□ R	edox Depre	ssions (F8)		21 11			
☐ Sandy N	Mucky Material (	S1)	□ Ve	ernal Pools	(F9)			hydrophytic vegetation and wetland hydrology ent, unless disturbed or problematic.		
☐ Sandy 0	Gleyed Matrix (S	4)					muot be presi	orn, unless distarbed or problematic.		
Restrictive	Layer (if present	+/-								
	, , ,	.,.								
Type:	<del></del>						Hydric Soils Pres	ent? Yes ☐ No ⊠		
Depth (inch	nes):									
Remarks:										
HYDROL										
	ydrology Indica dicators (minimu		nuired: check s	ıll that annı	v			Secondary Indicators (2 or more required)		
Surface	Water (A1)	ili di dile lec		Salt Crust				Water Marks (B1) (Riverine)		
	ater Table (A2)			Biotic Cru	, ,			Sediment Deposits (B2) (Riverine)		
☐ Saturati				Aquatic In	vertebrates (	(B13)	☐ Drift Deposits (Riverine)			
☐ Water M	Marks (B1) (Noni	riverine)		Hydrogen	Sulfide Odo	r (C1)		☐ Drainage Patterns (B10)		
☐ Sedime	nt Deposits (B2)	(Nonriveri	ne)	Oxidized I	Rhizospheres	s along L	iving Roots (C3)	☐ Dry-Season Water Table (C2)		
☐ Drift De	posits (B3) ( <b>Non</b>	riverine)		Presence	of Reduced	Iron (C4	)	☐ Crayfish Burrows (C8)		
☐ Surface	Soil Cracks (B6	)		Recent Iro	n Reduction	in Tilled	Soils (C6)	☐ Saturation Visible on Aerial Imagery (C9)		
☐ Inundati	on Visible on Ae	erial Imagery	′ (B7) □	Thin Muck	Surface (C7	7)		☐ Shallow Aquitard (D3)		
☐ Water-S	Stained Leaves (	B9)		Other (Ex	plain in Rema	arks)		☐ FAC-Neutral Test (D5)		
Field Obse	ervations									
Surface Wa	ater Present?	Ye	es 🗌 No 🔲 D	epth (in.)						
Water Tabl			es 🗌 No 🔲 D			,	Wetland Hydrology	Present? Yes □ No ⊠		
							, 0,			
Saturation (includes ca	Present? apillary fringe)	Υe	es 🗌 No 🔲 D	epth (in.) _						
		tream david	a monitoring	امرا عمراما	nhotos provi	oue inen	ections), if available			
DOSCHING K	ooorueu Dala (S	arcani yaug	o, monitoring t	voii, acital	priotos, pievi	ous msp	oolions), ii avallable			
Remarks:	Remarks:									

Project/Site: Desert Claim		City	/County: Elle	Ellensburg/Kittitas County Sampling Date: 11-29-17			
Applicant/Owner: <u>EDF</u>		Stat	e: WA		Sampling Point: GA-SP-67		
Investigator(s): JD; Grette Associates				Section: 2	2 <u>9</u> Township: <u>19</u> Range: <u>18</u>		
Landform (hillslope, terrace, etc.): Hillslope				elief (concave⊡, convex⊡, r	· · · · · · · · · · · · · · · · · · ·		
Subregion (LRR): <u>B</u>			Lat: <u>47</u>	.109091° Long: -120.620619°	Datum: NAD83(2011)		
Soil Map Name: Maxhill ashy loam, 0 to 5 percent					NWI Classification:		
Are climatic/hydrologic conditions on the site typic							
Are Vegetation 🗌 Soil 🔲, or Hydrology 🗌 signifi	-				es" present? Yes 🛛 No 🗌		
Are Vegetation ☐ Soil ☐, or Hydrology ☐ signifi	cantly pro	blematic	c? (If needed	d, explain in Remarks)			
SUMMARY OF FINDINGS – Attach site ma	ıp showi	ing sam	pling poir	nt locations, transects, im	portant features, etc.		
Hydrophytic vegetation present? Yes	s 🛛 No 🗆						
Hydric soils present? Yes	s 🗌 No 🛭	₃	ls the sam	nled area within a wetland?	Yes □ No ⊠		
Wetland hydrology present? Yes	s 🗌 No 🛭	◁	is the san	sampled area within a wetland? Yes ☐ No ☒			
Remarks: R29							
VEGETATION – Use scientific names of p				<del> </del>			
Tree Stratum (Plot size:30')	Absolute <u>% Cover</u>		nt Indicator ? Status	Dominance Test worksheet:			
				Number of Dominant Species			
1 2				that are OBL, FACW, or FAC:	<u>1 (A)</u>		
3				Total Number of Dominant			
4				Species Across All Strata:	<u>1 (B)</u>		
" <del></del>		= Total 0	Cover	Percent of Dominant Species			
		= 10(a) (	Jovei	that are OBL, FACW, or FAC:	100 (A/B)		
Sapling/Shrub Stratum (Plot size:15')				Prevalence Index worksheet:			
1							
2				Total % Cover of:	Multiply by:		
3				OBL species	x 1 =		
4				FACW species	x 2 =		
5				FAC species	x 3 =		
		= Total C	Cover	FACU species	x 4 =		
Herb Stratum (Plot size:5')				UPL species(A)	x 5 =		
1. Poa pratensis	<u>40</u>	<u>Y</u>	FAC	Column Totals(A)	(B)		
2. Various grazed grasses*	<u>60</u>	<u>=</u>	=	Prevalence inde	v _ P/A _		
3				Hydrophytic Vegetation indica			
4					alors.		
5				□ Dominance Test is >50%			
6				☐ Prevalence Index is ≤3.0 <sup>1</sup>			
7				☐ Morphological Adaptations¹			
8				Remarks or on a sep	parate sheet)		
		= Total C	Cover	☐ Problematic Hydrophytic Ve	getation <sup>1</sup> (explain)		
Woody Vine Stratum (Plot size: )				<sup>1</sup> Indicators of hydric soil and we present, unless disturbed or pro			
1 2							
2				Uhadasahadis assatatisa as			
		= Total (		Hydrophytic vegetation pro	esent? Yes 🖂 No 📋		
	Cover of B						
Remarks: Grazed grasses likely non-hydrophyti	c vegetati	on base	d on topogra	phy, but unidentifiable due to	season and grazing		

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)										
Depth	Matrix Color (moist)	%	Color (moist)	Redox Fea %		Loc <sub>2</sub>	 Texture	Remarks		
(inches) 0-16	10YR 3/2	100	COIOI (IIIOISI)	70	Type <sub>1</sub>	LUC2	Silt loam	Remarks		
0-10	1011 3/2	100					Siit ioairi			
				-		ļ				
1						<u> </u>	2.			
Type: C=C	Concentration; D	=Depletion;	RM=Reduced	matrix; CS	=Covered or	Coated	Sand Grains. Lo	cation: PL=Pore linings; M=Matrix		
Hydric Soi	Is Indicators: (/	Applicable	to all LRRs, u	nless othe	rwise noted	l.)	Indicators fo	r Problematic Hydric Soils³:		
☐ Histoso	(A1)		□sa	andy Redox	(S5)		☐ 1 cm Mucl	k (A9) ( <b>LRR C</b> )		
	pipedon (A2)			ripped Mat			2 cm Muck (A10) (LRR B)			
☐ Black H					y Material (F	1)	Reduced Vertic (F18)			
	en Sulfide (A4)			-	ed Matrix (F2)			nt Material (TF2)		
	d Layers (A5) ( <b>L</b>	RR C)		epleted Ma				plain in Remarks)		
1 cm M	uck (A9) (LRR D	))	□R	edox Dark	Surface (F6)					
☐ Deplete	d Below Dark Sเ	urface (A11)	□ D	epleted Dai	k Surface (F	7)				
☐ Thick D	ark Surface (A12	2)	□R	edox Depre	ssions (F8)		21 11			
☐ Sandy N	Mucky Material (	S1)	□ Ve	ernal Pools	(F9)			hydrophytic vegetation and wetland hydrology ent, unless disturbed or problematic.		
☐ Sandy 0	Gleyed Matrix (S	4)					must be prest	ent, unless distarbed of problematic.		
Restrictive	Layer (if present	+/-					T			
	, , ,	.,.								
Type:	<del></del>						Hydric Soils Pres	sent? Yes ☐ No ⊠		
Depth (inch	nes):									
Remarks:										
HYDROL										
	ydrology Indica dicators (minimu		nuired: check	ıll that annı	v			Secondary Indicators (2 or more required)		
Surface	Water (A1)	ili di dile lec		Salt Crust				☐ Water Marks (B1) (Riverine)		
	ater Table (A2)			Biotic Cru	, ,			☐ Sediment Deposits (B2) (Riverine)		
☐ Saturati				Aquatic In	vertebrates (	(B13)	☐ Drift Deposits (Riverine)			
☐ Water N	Marks (B1) (Noni	riverine)		Hydrogen	Sulfide Odo	r (C1)		☐ Drainage Patterns (B10)		
☐ Sedime	nt Deposits (B2)	(Nonriveri	ne)	Oxidized I	Rhizospheres	s along L	iving Roots (C3)	☐ Dry-Season Water Table (C2)		
☐ Drift De	posits (B3) ( <b>Non</b>	riverine)		Presence	of Reduced	Iron (C4	)	☐ Crayfish Burrows (C8)		
☐ Surface	Soil Cracks (B6	)		Recent Iro	n Reduction	in Tilled	Soils (C6)	☐ Saturation Visible on Aerial Imagery (C9)		
☐ Inundat	on Visible on Ae	erial Imagery	(B7) □	Thin Muck	Surface (C7	7)		☐ Shallow Aquitard (D3)		
☐ Water-S	Stained Leaves (	B9)		Other (Ex	plain in Rema	arks)		☐ FAC-Neutral Test (D5)		
Field Obse	ervations									
Surface Wa	ater Present?	Ye	es 🗌 No 🔲 D	enth (in )						
Water Tabl			es 🗌 No 🔲 D			,	Wetland Hydrology	r Present? Yes □ No ⊠		
Saturation (includes c	Present? apillary fringe)	Υe	es 🗌 No 🔲 D	epth (in.) _	<u> </u>					
Describe R	ecorded Data (s	tream gaug	e, monitoring v	vell, aerial	photos, previ	ous insp	ections), if available	:		
	·				•					
Remarks:										

Project/Site: Desert Claim		City	/County: Ell	Ellensburg/Kittitas County Sampling Date: 11-29-17			
Applicant/Owner: <u>EDF</u>		Stat	te: WA	Sampling Point: GA-SP-68			
Investigator(s): JD; Grette Associates				Section	: <u>18</u> Township: <u>19</u> Range: <u>18</u>		
Landform (hillslope, terrace, etc.): Hillslope	<u> </u>		Local	relief (concave $igties$ , convex $igsqcup$	, none⊡: Slope (%): <u>4</u>		
Subregion (LRR): <u>B</u>			Lat: <u>47</u>	7.134452° Long: <u>-120.63881</u>	6° Datum: NAD83(2011)		
Soil Map Name: <u>Reelow-Reeser-Lablue co</u>	omplex, 3 to 10	percent s	<u>lopes</u>		NWI Classification:		
Are climatic/hydrologic conditions on the si			-	· · · · · · · · · · · · · · · · · · ·	· ·		
Are Vegetation 🗌 Soil 🔲, or Hydrology 🗀	-				nces" present? Yes 🛛 No 🗌		
Are Vegetation 🗌 Soil 🔲, or Hydrology 🗀	significantly p	roblematio	c? (If neede	d, explain in Remarks)			
SUMMARY OF FINDINGS – Attach s	ite map shov	ving san	npling poi	nt locations, transects,	important features, etc.		
Hydrophytic vegetation present?	Yes 🛛 No						
Hydric soils present?	Yes 🛛 No		le the car	nnlad araa within a watlan	d2 Vos ⊠ No □		
Wetland hydrology present?	Yes ⊠ No		Is the sampled area within a wetland? Yes 🛛 No 🗌				
Remarks: N2		_	1				
Tromano. N2							
VEGETATION – Use scientific name	s of plants						
Trans Observatory (Plantains 2011)			nt Indicator	Dominance Test worksheet	:		
Tree Stratum (Plot size:30')	% Cove	er Species	? Status	Number of Dominant Species			
1				that are OBL, FACW, or FAC	<u>1 (A)</u>		
2				Total Number of Dominant	<del></del>		
3				Species Across All Strata:	<u>1 (B)</u>		
4				Percent of Dominant Species			
		= Total (	Cover	that are OBL, FACW, or FAC			
Sapling/Shrub Stratum (Plot size:15')				Prevalence Index workshee			
1				Trevalence mack workshee			
2				Total % Cover of:	Multiply by:		
3				OBL species	x 1 =		
4				FACW species	x 2 =		
5				FAC species	x 3 =		
		= Total (	Cover	FACU species	x 4 =		
Herb Stratum (Plot size:5')				UPL species	x 5 =		
, ,	70		<b>540</b>	Column Totals(A)	(B)		
1. <u>Poa pratensis</u>	<u>70</u>	<u>Y</u>	<u>FAC</u>				
2. <u>UNID forb</u>	<u>20</u>	 N	<u></u>	Prevalence in	dex = B/A =		
Camassia quamash     Lomatium nudicaule	<u>5</u> <u>5</u>	<u>N</u> N	<u>FACW</u> <u>UPL</u>	Hydrophytic Vegetation ind	icators:		
5	<u> </u>	<u>IN</u>	OFL	□ Dominance Test is >50%			
6				☐ Prevalence Index is ≤3.0 <sup>1</sup>			
7				_	o <sup>1</sup> (provide augmenting data in		
8.				☐ Morphological Adaptation Remarks or on a s			
	100	= Total (	Cover	☐ Problematic Hydrophytic	,		
	100	- Total C	Covei		,		
Woody Vine Stratum (Plot size: )				<sup>1</sup> Indicators of hydric soil and v			
1				ргосон, англест англага от р			
2							
		= Total (	Cover	Hydrophytic vegetation	present? Yes 🖂 No 🗌		
% Bare Ground in Herb Stratum	% Cover of	Biotic Crus	st				
Remarks: Camas present, approximately	20% coverage	in the we	etland	1			

Depth	scription: (Desc Matrix	ribe to the		to docun Redox Fea		licator or	confirm the absenc	e of indicators.)	
(inches)	Color (moist)	%	Color (moist)	%	Type <sub>1</sub>	Loc <sub>2</sub>		Remarks	
0-8	10YR 3/1	100	I				Stony silt loam		
8-16	10YR 4/2	100					Clay	Aquitard	
						-			
<sup>1</sup> Type: C=0	Concentration: D	-Depletion:	RM-Reduced i	natrix: CS	:-Covered o	r Coated	Sand Grains <sup>2</sup> Loc	ation: PL=Pore linings; M=Matrix	
Hydric So	ils Indicators: (	Applicable	to all LRRs, ur	less othe	erwise note	d.)	Indicators for	Problematic Hydric Soils <sup>3</sup> :	
☐ Histoso	I (A1)		☐ Sai	ndy Redox	k (S5)		☐ 1 cm Muck	(A9) ( <b>LRR C</b> )	
☐ Histic E	pipedon (A2)		☐ Str	ipped Mat		2 cm Muck	(A10) ( <b>LRR B</b> )		
☐ Black H	listic (A3)		☐ Loa	amy Muck	y Material (F	1)	☐ Reduced Ve	ertic (F18)	
☐ Hydrog	en Sulfide (A4)		☐ Loa	amy Gleye	ed Matrix (F2	2)	☐ Red Parent	Material (TF2)	
☐ Stratifie	d Layers (A5) ( <b>L</b>	RR C)	☐ De	pleted Ma	trix (F3)		Other (Expl	ain in Remarks)	
☐ 1 cm M	uck (A9) ( <b>LRR D</b>	))	☐ Re	dox Dark	Surface (F6)	)			
☐ Deplete	d Below Dark Su	urface (A11)	) 🔲 De	pleted Da	rk Surface (F	<del>-</del> 7)			
☐ Thick D	ark Surface (A12	2)			essions (F8)		3Indicators of b	ydrophytic vegetation and wetland hydrology	
☐ Sandy I	Mucky Material (	S1)	☐ Ve	rnal Pools	(F9)		must be preser	nt, unless disturbed or problematic.	
☐ Sandy Gleyed Matrix (S4)									
Restrictive	Layer (if present	t):							
Type: Clay							Hydric Soils Prese	nt2 Vos ⊠ No □	
							nyunc sons Frese	III: 165 🖂 NO 🗀	
Depth (inches): 8  Remarks: Presumed saturated >14 consecutive days in the growing season, 8" and shallower due to aquitard									
Remarks:	Presumed sat	urated >14	4 consecutive	days in t	he growing	season	i, 8" and shallower	due to aquitard	
HYDROI Wetland H	LOGY lydrology Indica	toro							
	dicators (minimu		quired; check al	I that appl	V		S	Secondary Indicators (2 or more required)	
Surface	Water (A1)			Salt Crust			Ī	Water Marks (B1) (Riverine)	
☐ High W	ater Table (A2)			Biotic Cru	st (B12)			☐ Sediment Deposits (B2) (Riverine)	
					vertebrates		☐ Drift Deposits (Riverine)		
☐ Water N	Marks (B1) ( <b>Non</b> i	riverine)		Hydrogen	Sulfide Odd	or (C1)		☐ Drainage Patterns (B10)	
	nt Deposits (B2)		ne)	Oxidized I	Rhizosphere	s along L	• , ,	☐ Dry-Season Water Table (C2)	
☐ Drift De	posits (B3) (Non	riverine)		Presence	of Reduced	Iron (C4)	) [	☐ Crayfish Burrows (C8)	
	Soil Cracks (B6	,	<del></del>		on Reduction		` '	☐ Saturation Visible on Aerial Imagery (C9)	
_	ion Visible on Ae	Ο.			c Surface (C	,		☑ Shallow Aquitard (D3)	
☐ Water-S	Stained Leaves (	B9)		Other (Ex	plain in Rem	narks)		☐ FAC-Neutral Test (D5)	
Field Obse	ervations								
Surface Wa	ater Present?	Ye	es 🗌 No 🛭 De	pth (in.) _	<u></u>				
Water Tab	le Present?	Ye	es 🗌 No 🛭 De	pth (in.) _		'	Wetland Hydrology I	Present? Yes ⊠ No □	
Saturation		Ye	es 🛛 No 🗌 De	pth (in.) <u>8</u>	<u>"</u>				
-	apillary fringe)								
Describe R	decorded Data (s	tream gaug	e, monitoring w	ell, aerial	photos, prev	rious insp	ections), if available:		
Ramarka:	Clay restrictive	laver 8"							
nemarks.	Clay restrictive	iayei o							

Project/Site: Desert Claim		City	/County: Ell	ensburg/Kittitas County	Sampling Date: <u>11-29-17</u>		
Applicant/Owner: <u>EDF</u>		Stat	te: WA	Sampling Point: GA-SP-69			
Investigator(s): JD; Grette Associates					18 Township: 19 Range: 18		
Landform (hillslope, terrace, etc.): Hillslope			Local	relief (concave□, convex□, r	none⊠: Slope (%): <u>4</u>		
Subregion (LRR): B			Lat: 47	7.134431° Long: -120.638682°	Datum: NAD83(2011)		
Soil Map Name: Reelow-Reeser-Lablue comple	x, 3 to 10 p	ercent s			NWI Classification:		
Are climatic/hydrologic conditions on the site typ				☑ No ☐ (If no, explain in Rem			
Are Vegetation ☐ Soil ☐, or Hydrology ☐ sign					ces" present? Yes ⊠ No □		
Are Vegetation ☐ Soil ☐, or Hydrology ☐ sign	ificantly pro	oblematio	c? (If neede	d, explain in Remarks)	·		
SUMMARY OF FINDINGS – Attach site m	ap show	ing sam	nplina poi	nt locations, transects, in	nportant features, etc.		
	es 🗌 No 🏻				,		
	es 🗌 No 🏻						
	es 🗌 No 🛭		Is the san	npled area within a wetland?	? Yes ☐ No ⊠		
Remarks: N2		<u> </u>					
Remarks. N2							
VEGETATION – Use scientific names of	plants						
	Absolute		nt Indicator	Dominance Test worksheet:			
Tree Stratum (Plot size:30')	% Cover	<u>Species</u>	? Status	Number of Dominant Species			
1				that are OBL, FACW, or FAC:	<u>1 (A)</u>		
2				Total Number of Dominant	<u>. , , , , , , , , , , , , , , , , , , ,</u>		
3				Species Across All Strata:	<u>3 (B)</u>		
4					<u>5 (b)</u>		
		= Total (	Cover	Percent of Dominant Species that are OBL, FACW, or FAC:	33 (A/D)		
Sapling/Shrub Stratum (Plot size:15')					33 (A/B)		
1. Poa pratensis	<u>40</u>	V	FAC	Prevalence Index worksheet:			
2. <u>Festuca spp.</u>	<del>40</del> <u>30</u>	<u>Y</u> <u>Y</u>	FACU	Total % Cover of:	Multiply by:		
3. <u>Agropyron spicatum</u>	<u>20</u>	<u> </u>	NL/UPL	OBL species	x 1 =		
4	=-	÷		FACW species	x 2 =		
5				FAC species	x 3 =		
		= Total (	Cover	FACU species	x 4 =		
		- Total C	Cover	UPL species	x 5 =		
Herb Stratum (Plot size:5')				Column Totals (A)	(B)		
1							
2				Prevalence inde	ex = B/A =		
3				Hydrophytic Vegetation indic	ators:		
4				☐ Dominance Test is >50%			
5				I —			
6				Prevalence Index is ≤3.0¹			
7 8.				☐ Morphological Adaptations <sup>1</sup> Remarks or on a set			
0		= Total (	Cover	☐ Problematic Hydrophytic Ve	,		
W 1 V 20 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		= Total (	Covei		,		
Woody Vine Stratum (Plot size: )				<sup>1</sup> Indicators of hydric soil and we present, unless disturbed or pro			
1				process, amos alcandes of pro			
2							
		= Total (	Cover	Hydrophytic vegetation pr	esent? Yes 🗌 No 🖂		
% Bare Ground in Herb Stratum	% Cover of E	Biotic Crus	st				
Remarks:				I			

	scription: (Desc	ribe to the	e depth needed to document the indicator or Redox Features				confirm the abse	e of indicators.)	
Depth (inches)	Color (moist)	%	Color (moist)	%	Type <sub>1</sub>	Loc <sub>2</sub>	— Texture	Remarks	
0-12	10YR 3/2	100			1		Silt loam		
12-16	10YR 3/4	100					Clay loam		
<sup>1</sup> Typo: C-C	oncontrotion: D	-Doplotion:	DM_Boducod	notriv: CS	-Covered e	r Cooted	Sand Crains 21	ocation: PL=Pore linings; M=Matrix	
	ils Indicators: (							or Problematic Hydric Soils <sup>3</sup> :	
_	•	Аррисавіе	to all LRRS, un	iless othe	rwise note	·u.)	indicators to	or Problematic Hydric Soils :	
☐ Histoso	I (A1)			ndy Redox			1 cm Mud	ck (A9) ( <b>LRR C</b> )	
☐ Histic E	☐ Histic Epipedon (A2) ☐ Stripped Matrix (S6)						2 cm Mud	ck (A10) (LRR B)	
☐ Black H	` '				y Material (I		☐ Reduced	Vertic (F18)	
☐ Hydroge	en Sulfide (A4)				ed Matrix (F	2)	<del></del>	ent Material (TF2)	
☐ Stratifie	d Layers (A5) ( <b>L</b>	RR C)	☐ De	oleted Ma	trix (F3)		Other (Ex	plain in Remarks)	
1 cm M	uck (A9) (LRR D	))	☐ Re	dox Dark S	Surface (F6	)			
☐ Depleted Below Dark Surface (A11) ☐ Depleted Dark Surface (F7)									
☐ Thick D	ark Surface (A12	2)	☐ Re	dox Depre	essions (F8)		21 - 11 - 1	Charles where the consent of the consent of the color to the	
☐ Sandy I	Mucky Material (	S1)	☐ Vei	nal Pools	(F9)			f hydrophytic vegetation and wetland hydrology sent, unless disturbed or problematic.	
□ Sandy Gleyed Matrix (S4)							sent, unless disturbed of problematic.		
Restrictive	Layer (if present	t):							
Type:							Uvdria Caila Dra	cent2 Vec 🗆 Ne 🖂	
							nyuric Solis Pre	sent? Yes □ No ⊠	
Depth (inch									
Remarks:									
HYDROI	OGV								
	ydrology Indica	ators							
Primary Inc	dicators (minimu							Secondary Indicators (2 or more required)	
	Water (A1)			Salt Crust	. ,		☐ Water Marks (B1) (Riverine)		
☐ High W	ater Table (A2)			Biotic Cru	st (B12)		☐ Sediment Deposits (B2) (Riverine)		
☐ Saturati	on (A3)			Aquatic In	vertebrates	(B13)		☐ Drift Deposits ( <b>Riverine</b> )	
☐ Water N	/larks (B1) ( <b>Non</b> i	riverine)		Hydrogen	Sulfide Ode	or (C1)		☐ Drainage Patterns (B10)	
☐ Sedime	nt Deposits (B2)	(Nonriveri	ne)	Oxidized I	Rhizosphere	es along L	iving Roots (C3)	☐ Dry-Season Water Table (C2)	
☐ Drift De	posits (B3) (Non	riverine)		Presence	of Reduced	d Iron (C4)	)	☐ Crayfish Burrows (C8)	
☐ Surface	Soil Cracks (B6	)		Recent Iro	on Reductio	n in Tilled	Soils (C6)	☐ Saturation Visible on Aerial Imagery (C9)	
☐ Inundat	ion Visible on Ae	erial Imagery	/ (B7)	Thin Mucl	c Surface (C	27)		☐ Shallow Aquitard (D3)	
☐ Water-S	Stained Leaves (	B9)		Other (Ex	plain in Ren	narks)		☐ FAC-Neutral Test (D5)	
Field Obse	ervations								
Surface Wa	ater Present?	Ye	es 🗌 No 🛭 De	pth (in.) _					
Water Tabl	e Present?	Ye	es 🗌 No 🛭 De	pth (in.) _		1	Wetland Hydrolog	y Present? Yes □ No ⊠	
Saturation		Ye	es 🗌 No 🛛 De	pth (in.) _					
(includes c	apillary fringe)								
Describe R	ecorded Data (s	tream gaug	e, monitoring w	ell, aerial <sub>l</sub>	photos, prev	vious insp	ections), if available	e:	
Dan 1									
Remarks:									

Project/Site: Desert Claim		City	County: El	ensburg/Kittitas County	Sampling Date: 11-29-17		
Applicant/Owner: EDF		Stat	e: <u>WA</u>	Sampling Point: GA-SP-70			
Investigator(s): <u>JD; Grette Associates</u>				Section: 20 Township: 19 Range: 18			
Landform (hillslope, terrace, etc.): Hillslope/swal	<u>e</u>			relief (concave $\boxtimes$ , convex $\square$ ,	· · · · · · · · · · · · · · · · · · ·		
Subregion (LRR): <u>B</u>			Lat: <u>47</u>	7.123900° Long: -120.609834	_		
Soil Map Name: Weirman-Kayak complex, 0 to 5					NWI Classification:		
Are climatic/hydrologic conditions on the site typ			/ear? Yes [				
Are Vegetation Soil, or Hydrology signi					ces" present? Yes ⊠ No ☐		
Are Vegetation ☐ Soil ☐, or Hydrology ☐ signi	ificantly p	roblematio	:? (If neede	d, explain in Remarks)			
SUMMARY OF FINDINGS - Attach site m	ap shov	ving sam	pling poi	nt locations, transects, in	mportant features, etc.		
Hydrophytic vegetation present?	es 🛛 No						
Hydric soils present?	es 🛛 No		le the ear	npled area within a wetland	? Yes ⊠ No □		
Wetland hydrology present?	es 🛛 No		is the sai	iipied area witiiii a wetiand	i les 🖂 No 🗀		
Remarks: R1							
VEGETATION – Use scientific names of		e Dominar	nt Indicator	Dominance Test worksheet:			
Tree Stratum (Plot size:30')		r Species					
1				Number of Dominant Species that are OBL, FACW, or FAC:	2 (1)		
2					<u>3 (A)</u>		
3				Total Number of Dominant	- (-)		
4				Species Across All Strata:	<u>3 (B)</u>		
		= Total C	Cover	Percent of Dominant Species			
Sapling/Shrub Stratum (Plot size:15')				that are OBL, FACW, or FAC:	<u>100 (A/B)</u>		
				Prevalence Index worksheet	•		
1 2	-			Total % Cover of:	Multiply by:		
3				OBL species	<u>Multiply by:</u> x 1 =		
4				FACW species	x 2 =		
5				FAC species	x 3 =		
-		= Total (	Cover	FACU species	x 4 =		
	-	- Total C	20061	UPL species	x 5 =		
Herb Stratum (Plot size:5')				Column Totals(A)	(B)		
1. <u>Juncus balticus</u>	<u>60</u>	<u>Y</u>	<u>FACW</u>				
2. <u>Poa pratensis</u>	<u>20</u>	<u>Y</u>	<u>FAC</u>	Prevalence ind	ex = B/A =		
3. <u>Elymus repens</u>	<u>20</u>	<u>Y</u>	<u>FAC</u>	Hydrophytic Vegetation indic	cators:		
4				☐ Dominance Test is >50%			
5 6				Prevalence Index is ≤3.0 <sup>1</sup>			
7				_	1,		
8.				☐ Morphological Adaptations Remarks or on a se			
<u> </u>		= Total 0	Cover	☐ Problematic Hydrophytic V	'		
Woody Vine Stratum (Plot size: )				<sup>1</sup> Indicators of hydric soil and w			
				present, unless disturbed or pr			
1 2.							
Z							
		= Total 0	Cover	Hydrophytic vegetation p	resent? Yes 🖂 No 🗀		
	6 Cover of	Biotic Crus	t				
Remarks:							

Profile Des	scription: (Desc Matrix	ribe to the	depth needed to document the indicator of Redox Features				r confirm the abse	e of indicators.)		
(inches)	Color (moist)	%	Color (moist)	%	Type <sub>1</sub>	Loc <sub>2</sub>		Remarks		
0-12	10YR 2/1	95	7.5 YR 3/4	5	C	М	Clay loam			
			<b></b>		<del> </del>					
Type: C=0	Concentration: D	Depletion:	EM=Reduced r	natrix: CS	=Covered (	or Coated	Sand Grains <sup>2</sup> L	ocation: PL=Pore linings; M=Matrix		
	ils Indicators: (							or Problematic Hydric Soils <sup>3</sup> :		
	·					,		•		
Histoso	` '			ndy Redo				ck (A9) (LRR C)		
	<ul><li>☐ Histic Epipedon (A2)</li><li>☐ Stripped Matrix (S6)</li><li>☐ Black Histic (A3)</li><li>☐ Loamy Mucky Material (F1)</li></ul>							ck (A10) ( <b>LRR B</b> )		
☐ Black H	` '			-			Reduced	,		
	en Sulfide (A4)	DD 0\		-	ed Matrix (F	2)	<del></del>	ent Material (TF2)		
	d Layers (A5) (L			pleted Ma			☐ Other (Explain in Remarks)			
	uck (A9) (LRR D	•			Surface (F6	•				
	d Below Dark Su	, ,			rk Surface (					
	ark Surface (A12	,			essions (F8)	)	3Indicators o	f hydrophytic vegetation and wetland hydrology		
	Mucky Material (	•	∐ Vei	rnal Pools	(F9)			sent, unless disturbed or problematic.		
Sandy Gleyed Matrix (S4)										
Restrictive	Layer (if present	t):								
Туре:	_						Hydric Soils Pre	sent? Yes ⊠ No □		
Depth (inch	nes):						,			
Remarks:										
ixemans.										
HYDROL										
	ydrology Indica		nuired: check al	I that anni	v			Secondary Indicators (2 or more required)		
	Water (A1)	ili di dile let		Salt Crust			Secondary Indicators (2 or more required)  Water Marks (B1) (Riverine)			
	ater Table (A2)			Biotic Cru	. ,		☐ Sediment Deposits (B2) (Riverine)			
☐ Saturati	, ,				vertebrates	s (B13)		☐ Drift Deposits ( <b>Riverine</b> )		
	/larks (B1) ( <b>Non</b> i	riverine)	$\overline{\Box}$	Hvdroaen	Sulfide Od	or (C1)				
	nt Deposits (B2)			, ,		` '	_iving Roots (C3)	☐ Dry-Season Water Table (C2)		
	posits (B3) (Non				of Reduced	_		☐ Crayfish Burrows (C8)		
	Soil Cracks (B6					•	Soils (C6)	☐ Saturation Visible on Aerial Imagery (C9)		
	ion Visible on Ae				k Surface (0		(,	☐ Shallow Aquitard (D3)		
	Stained Leaves (				plain in Rer			☐ FAC-Neutral Test (D5)		
Field Obse		- /								
	ater Present?	Ye	es 🗌 No 🔯 De	pth (in.)						
	e Present?		es 🗌 No 🖾 De			,	Wetland Hydrolog	y Present? Yes ⊠ No □		
Saturation Present?  Yes \sum No \sum Depth (in.)										
	apillary fringe)	16	53 🗀 140 🔯 De	pui (iii.) <u> </u>						
Describe R	ecorded Data (s	tream gaug	e, monitoring w	ell, aerial	photos, pre	vious insp	ections), if available	ə:		
Remarks:	Hydrology presi	umed; site v	risit occurred ou	tside grov	ving seasor	1				

Project/Site: <u>Desert Claim</u>	City	y/County: Ell	ensburg/Kittitas County	Sampling Date: <u>11-29-17</u>		
Applicant/Owner: <u>EDF</u>	Sta	ite: WA	Sampling Point: GA-SP-71			
Investigator(s): <u>JD; Grette Associates</u>			Section:	20 Township: <u>19</u> Range: <u>18</u>		
Landform (hillslope, terrace, etc.): Hillslope			relief (concave∏, convex∏, ı			
Subregion (LRR): <u>B</u>		Lat: <u>47</u>	<u>'.123917°</u> Long: <u>-120.609964</u> '	<del>-</del>		
Soil Map Name: Maxhill ashy loam, 0 to 5 perce				NWI Classification:		
Are climatic/hydrologic conditions on the site ty						
Are Vegetation ☐ Soil ☐, or Hydrology ☐ sign				es" present? Yes 🛛 No 🗌		
Are Vegetation ☐ Soil ☐, or Hydrology ☐ sigi	nificantly problemati	c? (If neede	d, explain in Remarks)			
SUMMARY OF FINDINGS – Attach site r	nap showing sar	npling poi	nt locations, transects, in	nportant features, etc.		
	∕es 🗌 No 🏻					
Hydric soils present?	∕es 🗌 No 🛚	Is the san	npled area within a wetland	? Yes □ No ⊠		
Wetland hydrology present?	∕es 🗌 No 🏻		ampied area within a wetiand:			
Remarks: R1		•				
VEGETATION – Use scientific names of		at la Pastas	Dentis and Test and the st			
Tree Stratum (Plot size:30')	Absolute Domina <u>% Cover Species</u>		Dominance Test worksheet:			
	<u>70 00101</u> <u>Oposios</u>	<u> </u>	Number of Dominant Species			
1 2			that are OBL, FACW, or FAC:	<u>0 (A)</u>		
3			Total Number of Dominant			
4			Species Across All Strata:	<u>1 (B)</u>		
	= Total	Cover	Percent of Dominant Species			
Openition (Objects Openity on (District of the AFI)		OOVCI	that are OBL, FACW, or FAC:	<u>0 (A/B)</u>		
Sapling/Shrub Stratum (Plot size:15')			Prevalence Index worksheet:			
1			T . 10/ 0			
2			Total % Cover of:	Multiply by:		
3			OBL species FACW species	x 1 = x 2 =		
4 5			FAC species	x 3 =		
<u> </u>	= Total	Cover	FACU species	x 4 =		
	= 10tai	Cover	UPL species	x 5 =		
Herb Stratum (Plot size:5')			Column Totals (A)	(B)		
1. Festuca sp.	<u>95                                    </u>	<u>FACU</u>				
2			Prevalence inde	ex = B/A =		
3			Hydrophytic Vegetation indic	ators:		
4 5			☐ Dominance Test is >50%			
6			Prevalence Index is ≤3.0¹			
7			☐ Morphological Adaptations¹	Invovide exposition data in		
8.			Remarks or on a se			
	= Total	Cover	☐ Problematic Hydrophytic Ve	,		
Woody Vine Stratum (Plot size: )		00.0.	<sup>1</sup> Indicators of hydric soil and we			
			present, unless disturbed or pro			
1						
	= Total	Cover	Hydrophytic vegetation pr	esent? Yes ∐ No ⊠		
% Bare Ground in Herb Stratum	% Cover of Biotic Cru	st				
Remarks:						

Depth	scription: (Desc Matrix	ribe to the	•	to docun Redox Fea		icator oi	r confirm the absence	e of indicators.)		
(inches)	Color (moist)	%	Color (moist)	%	Type₁	Loc <sub>2</sub>	Texture	Remarks		
0-12	10YR 2/2	100					Stony silt loam			
		ļ				-				
						<b>-</b>				
<sup>1</sup> Type: C=C	Concentration; D	=Depletion;	RM=Reduced i	natrix; CS	=Covered o	r Coated	Sand Grains. <sup>2</sup> Loca	ition: PL=Pore linings; M=Matrix		
Hydric Soi	ils Indicators: (/	Applicable	to all LRRs, ur	less othe	rwise note	d.)	Indicators for I	Problematic Hydric Soils <sup>3</sup> :		
☐ Histoso	Ι (Δ1)		П са	ndy Redox	(95)		□ 1 cm Muck /	(A9) (I RR C)		
	pipedon (A2)			ipped Mat			☐ 1 cm Muck (A9) ( <b>LRR C</b> ) ☐ 2 cm Muck (A10) ( <b>LRR B</b> )			
☐ Black H					y Material (F	1)	☐ Reduced Ve			
	en Sulfide (A4)			-	ed Matrix (F2		☐ Red Parent			
	d Layers (A5) ( <b>L</b>	RR C)		pleted Ma		-,	Other (Expla			
	uck (A9) (LRR D				Surface (F6)		_	,		
	d Below Dark Su				rk Surface (F					
☐ Thick D	ark Surface (A12	2)	☐ Re	dox Depre	ssions (F8)	ŕ				
☐ Sandy I	Mucky Material (	S1)	☐ Ve	rnal Pools	(F9)			drophytic vegetation and wetland hydrology t, unless disturbed or problematic.		
☐ Sandy (	Gleyed Matrix (S	4)					must be preser	it, unless disturbed of problematic.		
Restrictive	Layer (if present	.).								
		.,,.								
Type:							Hydric Soils Prese	nt? Yes ☐ No ⊠		
Depth (inch	nes):									
Remarks:										
HYDROI										
	ydrology Indica dicators (minimu		quirod: abook al	l that appl	v		c	econdary Indicators (2 or more required)		
	Water (A1)	ii oi one rec		Salt Crust			<u> </u>	Water Marks (B1) (Riverine)		
☐ High W	ater Table (A2)			Biotic Cru	st (B12)		Sediment Deposits (B2) (Riverine)			
☐ Saturati				Aquatic In	vertebrates	(B13)	☐ Drift Deposits (Riverine)			
☐ Water N	Marks (B1) ( <b>Non</b> i	riverine)		Hydrogen	Sulfide Odd	or (C1)		Drainage Patterns (B10)		
☐ Sedime	nt Deposits (B2)	(Nonriveri	ne)	Oxidized I	Rhizosphere	s along l	iving Roots (C3)	Dry-Season Water Table (C2)		
☐ Drift De	posits (B3) ( <b>Non</b>	riverine)		Presence	of Reduced	Iron (C4	) [	Crayfish Burrows (C8)		
☐ Surface	Soil Cracks (B6	)		Recent Iro	n Reduction	n in Tilled	Soils (C6)	Saturation Visible on Aerial Imagery (C9)		
☐ Inundat	ion Visible on Ae	erial Imagery	/ (B7)	Thin Muck	Surface (C	7)		Shallow Aquitard (D3)		
☐ Water-S	Stained Leaves (	B9)		Other (Ex	plain in Rem	arks)		FAC-Neutral Test (D5)		
Field Obse	ervations									
Surface Wa	ater Present?	Υe	es 🗌 No 🖾 De	pth (in.) _						
Water Tabl	e Present?		es 🗌 No 🛛 De			,	Wetland Hydrology F	Present? Yes ☐ No ⊠		
Saturation			es 🗌 No 🖾 De							
	apillary fringe)	YE	≥2 □ INO □ De	pui (III.) _						
		tream gaug	e monitoring w	ell aerial	nhotos nrev	ious iner	pections), if available:			
POSOTING IV	.coo.aca Data (S	cam gaug	o, monitoring w	on, acrial	priotos, prev	iouo iiiop	octiono,, ii avallable.			
Remarks:										

Project/Site: Desert Claim		-	-	titas County	Sampling Date: 7/7/17
Applicant/Owner: EDF		Stat	e: <u>WA</u>		Sampling Point: GA-SP-72
Investigator(s): MB, JD; Grette Associates					20 Township: 19 Range: 18
Landform (hillslope, terrace, etc.): <u>Hillslope</u>				relief (concave□, convex⊠,	
Subregion (LRR): B			Lat: <u>47</u>	7 <u>.12635</u> Long: <u>-120.60451</u>	Datum: <u>NAD83(11)</u>
Soil Map Name: Reeser-Reelow-Sketter complex,				<b>7</b>	NWI Classification:
Are climatic/hydrologic conditions on the site typic			year? Yes [		
Are Vegetation Soil, or Hydrology signifi	-				ces" present? Yes ⊠ No □
Are Vegetation ☐ Soil ☐, or Hydrology ☐ signifi	cantly pr	oblematic	:? (If neede	d, explain in Remarks)	
SUMMARY OF FINDINGS – Attach site ma			pling poi	nt locations, transects, i	mportant features, etc.
1	s 🛛 No [				
Hydric soils present? Yes	s 🛛 No [		Is the san	npled area within a wetland	? Yes ⊠ No □
Wetland hydrology present? Yes	s 🛛 No [				
Remarks: Wetland R3; formerly datasheet GA-R	3-1				
VEGETATION – Use scientific names of pl	lanta				
	Absolute		nt Indicator	Dominance Test worksheet:	
<u>Tree Stratum</u> (Plot size:	% Cove	r Species	? Status	Number of Dominant Species	
1				that are OBL, FACW, or FAC:	<u>2 (A)</u>
2				Total Number of Dominant	<u>2 (N)</u>
3				Species Across All Strata:	<u>2 (B)</u>
4					<u>2 (b)</u>
		= Total C	Cover	Percent of Dominant Species that are OBL, FACW, or FAC:	100 (A/B)
Sapling/Shrub Stratum (Plot size: )					100 (A/B)
				Prevalence Index worksheet	<b>:</b>
1 2				Total % Cover of:	Multiply by:
3				OBL species	x 1 =
4				FACW species	x 2 =
5				FAC species	x 3 =
		= Total C	over	FACU species	x 4 =
		= Total C	JOVCI	UPL species	x 5 =
Herb Stratum (Plot size: )				Column Totals (A)	(B)
1. Agrostis scabra	<u>50</u>	<u>Y</u>	<u>FAC</u>		
2. <u>Camassia quamash</u>	<u>20</u>	<u>Y</u>	<u>FACW</u>	Prevalence ind	ex = B/A =
3. <u>Festuca idahoensis</u>	<u>15</u>	<u>N</u>	<u>FACU</u>	Hydrophytic Vegetation indic	cators:
4. <u>Erysimum inconspicuum</u>	<u>15</u>	<u>N</u>	NL(UPL)	□ Dominance Test is >50%	
5					
6				Prevalence Index is ≤3.0¹	
7 8				☐ Morphological Adaptations Remarks or on a se	
0	100	= Total C	Cover	☐ Problematic Hydrophytic V	'
Weeks Visco Otestone (Districts	100	= Total C	JOVCI		
Woody Vine Stratum (Plot size: )				<sup>1</sup> Indicators of hydric soil and w present, unless disturbed or pr	
1					
2					
	-	= Total C	Cover	Hydrophytic vegetation p	resent? Yes ⊠ No □
% Bare Ground in Herb Stratum %	Cover of I	Biotic Crus	t		
Remarks:					

		ribe to the	•			dicator o	r confirm the abse	nce of indicators.)	
Depth (inches)	Matrix Color (moist)	%	Color (moist)	Redox Fea %	Type <sub>1</sub>	Loc <sub>2</sub>		Remarks	
0-16	10YR 2/2	90	10YR 4/6	10	C	M	Silty stony lo		
	ļ								
						-			
1T		Danietian	DM Dadward				C  C	ocation: PL=Pore linings; M=Matrix	
		•						•	
Hydric So	ils Indicators: (A	Applicable	to all LRRs, ur	less othe	rwise note	ed.)	Indicators fo	or Problematic Hydric Soils³:	
☐ Histoso	I (A1)		☐ Sai	ndy Redox	k (S5)		1 cm Mud	ck (A9) (LRR C)	
☐ Histic E	pipedon (A2)		☐ Str	ipped Mat	rix (S6)		2 cm Mud	ck (A10) (LRR B)	
☐ Black H	listic (A3)		☐ Loa	amy Muck	y Material (	F1)	☐ Reduced	Vertic (F18)	
☐ Hydrog	en Sulfide (A4)		☐ Loa	amy Gleye	ed Matrix (F.	2)	☐ Red Pare	ent Material (TF2)	
☐ Stratifie	d Layers (A5) (L	RR C)	☐ De	pleted Ma	trix (F3)		Other (Ex	xplain in Remarks)	
☐ 1 cm M	uck (A9) ( <b>LRR D</b>	)	⊠ Re	dox Dark	Surface (F6	5)			
☐ Deplete	d Below Dark Su	urface (A11)	☐ De	pleted Da	rk Surface (	F7)			
☐ Thick D	ark Surface (A12	2)	☐ Re	dox Depre	ssions (F8)	)	21		
☐ Sandy I	Mucky Material (	S1)	☐ Ve	rnal Pools	(F9)			f hydrophytic vegetation and wetland hydrology sent, unless disturbed or problematic.	
☐ Sandy (	Gleyed Matrix (S	4)					must be pres	orn, unless distalled of problematic.	
Restrictive	Layer (if present	:):							
Type:							Hydric Soils Pro	sent? Yes ⊠ No □	
	 nes):						Hydric Solis Fre	Sent: les 🖂 NO 🗀	
Remarks:									
HYDROI	OGV								
	lydrology Indica	itors							
Primary Inc	dicators (minimur							Secondary Indicators (2 or more required)	
	Water (A1)			Salt Crust	` '			Water Marks (B1) (Riverine)	
_	ater Table (A2)			Biotic Cru				Sediment Deposits (B2) (Riverine)	
Saturati	` '				vertebrates			Drift Deposits ( <b>Riverine</b> )	
	Marks (B1) ( <b>Nonr</b>	•			Sulfide Od			☐ Drainage Patterns (B10)	
_	nt Deposits (B2)	`	, <u> </u>			-	Living Roots (C3)	☐ Dry-Season Water Table (C2)	
	posits (B3) ( <b>Non</b>	,			of Reduced			☐ Crayfish Burrows (C8)	
	Soil Cracks (B6				on Reductio		d Soils (C6)	☐ Saturation Visible on Aerial Imagery (C9)	
☐ Inundat	ion Visible on Ae	rial Imagery	· , —		c Surface (C			☐ Shallow Aquitard (D3)	
☐ Water-S	Stained Leaves (I	B9)		Other (Ex	plain in Rer	narks)		☑ FAC-Neutral Test (D5)	
Field Obse	ervations								
Surface Wa	ater Present?	Υe	es 🗌 No 🛭 De	pth (in.) _					
Water Tab	Water Table Present? Yes ☐ No ☐ Depth (in.) Wetland Hydrology Present? Yes ☐ No ☐							y Present? Yes ⊠ No □	
	Saturation Present? Yes ☐ No ☒ Depth (in.) (includes capillary fringe)								
Describe R	Recorded Data (s	tream gaug	e, monitoring w	ell, aerial	photos, pre	vious insp	ections), if available	ə:	
Remarks:	Best profession	al judgment	seasonal satu	ration like	ly based on	soils and	d plant species		

Project/Site: Desert Claim				titas County	Sampling Date: 7/7/17
Applicant/Owner: <u>EDF</u>		Stat	e: WA		Sampling Point: GA-SP-73
Investigator(s): MB, JD; Grette Associates				·	20 Township: <u>19</u> Range: <u>18</u>
Landform (hillslope, terrace, etc.): Hillslope				relief (concave□, convex⊠,	· · · · · · · · · · · · · · · · · · ·
Subregion (LRR): <u>B</u>	0.50/		Lat: <u>47</u>	7.12578 Long: <u>-120.60394</u>	Datum: <u>NAD83(11)</u>
Soil Map Name: Reeser-Reelow-Sketter comple				✓ No □ (If no overlain in Don	NWI Classification:
Are climatic/hydrologic conditions on the site ty Are Vegetation ☐ Soil ☐, or Hydrology ☐ sign			year? res L		ces" present? Yes 🗵 No 🗌
Are Vegetation ☐ Soil ☐, or Hydrology ☐ sign Are Vegetation ☐ Soil ☐, or Hydrology ☐ sign	-		:? (If neede		es present? res 🖂 No 🗀
SUMMARY OF FINDINGS – Attach site r	• •		•	,	nportant features, etc.
	res ☐ No		, , , , , , , , , , , , , , , , , , ,	,	
	es ☐ No		la tha aas		Yee No M
	res 🗌 No	$\boxtimes$	is the san	npled area within a wetland	? Yes □ No ⊠
Remarks: R3; formerly datasheet GA-R3-2					
,					
└────────────────────────────────────	nlante				
	Absolut		nt Indicator	Dominance Test worksheet:	
Tree Stratum (Plot size: )	% Cove	er Species	? Status	Number of Dominant Species	
1				that are OBL, FACW, or FAC:	1 (A)
2				Total Number of Dominant	<u>1 (A)</u>
3				Species Across All Strata:	<u>3 (B)</u>
4					<u>5 (b)</u>
		= Total (	Cover	Percent of Dominant Species that are OBL, FACW, or FAC:	33 (A/B)
Sapling/Shrub Stratum (Plot size: )				Prevalence Index worksheet:	<u> </u>
1				i revalence index worksheet.	
2				Total % Cover of:	Multiply by:
3.				OBL species	x 1 =
4				FACW species	x 2 =
5				FAC species	x 3 =
		= Total (	Cover	FACU species	x 4 =
Herb Stratum (Plot size: )				UPL species	x 5 =
1. Poa bulbosa	40	<u>Y</u>	FACU	Column Totals(A)	(B)
2. Agrostis scabra	30	<u>'</u> <u>Y</u>	FAC		
3. <u>Lotus denticulatus</u>	<u>30</u> 20	<u>'</u> <u>Y</u>	NL(UPL)	Prevalence inde	<del></del>
4. Juncus balticus	<u>==</u> < <u>5</u>	<u>.</u> <u>N</u>	FACW	Hydrophytic Vegetation indic	ators:
5		_		☐ Dominance Test is >50%	
6				☐ Prevalence Index is ≤3.0 <sup>1</sup>	
7				☐ Morphological Adaptations¹	(provide supporting data in
8				Remarks or on a se	
	<u>95</u>	= Total 0	Cover	☐ Problematic Hydrophytic Ve	egetation <sup>1</sup> (explain)
Woody Vine Stratum (Plot size: )				<sup>1</sup> Indicators of hydric soil and we present, unless disturbed or pro	
1				procent, unless distarbed of pre	obicinatio.
2					
		= Total (	Cover	Hydrophytic vegetation pr	esent? Yes 🗌 No 🛚
% Bare Ground in Herb Stratum	% Cover of	Biotic Crus	t		
Remarks:					

		ribe to the				icator or	confirm the absence	of indicators.)		
Depth (inches)	Matrix Color (moist)	%	Color (moist)	Redox Fea %	Type1	Loc <sub>2</sub>	 Texture	Remarks		
0-16	10YR 3/2	100	[	70	Type	1	Silty stony loam	TOTAL		
0-10	1011 3/2	100					Silly Storry toarri			
						ļ				
						-				
						-				
<sup>1</sup> Type: C=C	concentration; D	=Depletion;	RM=Reduced	matrix; CS	=Covered o	r Coated	Sand Grains. <sup>2</sup> Loca	tion: PL=Pore linings; M=Matrix		
Hudela Cal	la la dia ataua. /	Ammilian Isla	ta all LDDa			J.\	lu dia ataua fau F	June blomostic Hudwig Caile 3.		
Hyaric Soi	Is Indicators: (A	Applicable	to all LRRS, ul	ness otne	erwise noted	a.)	indicators for F	Problematic Hydric Soils <sup>3</sup> :		
☐ Histosol	(A1)		☐ Sa	ndy Redox	k (S5)		1 cm Muck (A	49) ( <b>LRR C</b> )		
☐ Histic E	pipedon (A2)		☐ Str	ipped Mat	rix (S6)		☐ 2 cm Muck (A10) ( <b>LRR B</b> )			
☐ Black H	istic (A3)		☐ Lo	amy Muck	y Material (F	1)	☐ Reduced Ve	rtic (F18)		
☐ Hydroge	en Sulfide (A4)		☐ Lo	amy Gleye	ed Matrix (F2	2)	☐ Red Parent Material (TF2)			
☐ Stratifie	d Layers (A5) ( <b>L</b>	RR C)	☐ De	pleted Ma	trix (F3)		☐ Other (Expla	in in Remarks)		
☐ 1 cm Mu	uck (A9) (LRR D	))			Surface (F6)			•		
	d Below Dark Si				rk Surface (F					
	ark Surface (A12	` ,			essions (F8)	,				
_	/lucky Material (	,		rnal Pools				drophytic vegetation and wetland hydrology		
	Gleyed Matrix (S				(1 0)		must be present	, unless disturbed or problematic.		
Garlay C	Sicyca Matrix (O	7)								
Restrictive	Layer (if present	t):								
Type:							Hydric Soils Presen	at2 Ves □ No ⊠		
							Tryunc Sons i resen	it: les 🗆 No 🖂		
Depth (inch	ies)									
Remarks:										
HYDROL	.OGY									
	ydrology Indica	ators								
	licators (minimu	m of one red						econdary Indicators (2 or more required)		
	Water (A1)			Salt Crust			☐ Water Marks (B1) (Riverine)			
_	ater Table (A2)			Biotic Cru	, ,			Sediment Deposits (B2) (Riverine)		
Saturati				•	vertebrates	. ,	☐ Drift Deposits (Riverine)			
	larks (B1) ( <b>Non</b> ı				Sulfide Odd			Drainage Patterns (B10)		
	nt Deposits (B2)					_	· / —	Dry-Season Water Table (C2)		
☐ Drift De	posits (B3) ( <b>Non</b>	riverine)			of Reduced			Crayfish Burrows (C8)		
☐ Surface	Soil Cracks (B6	)		Recent Iro	on Reduction	n in Tilled	Soils (C6)	Saturation Visible on Aerial Imagery (C9)		
☐ Inundati	on Visible on Ae	erial Imagery	/ (B7)	Thin Muck	c Surface (C	7)		] Shallow Aquitard (D3)		
☐ Water-S	stained Leaves (	B9)		Other (Ex	plain in Rem	arks)		FAC-Neutral Test (D5)		
Field Obse	rvations									
Curtoso Ma	ater Present?	V		nth (in )						
			es 🗌 No 🔯 De			Ι,	Motland Usdralams D	resent? Yes ☐ No ⊠		
Water Tabl	e Present?	Υe	es 🗌 No 🛛 De	pth (in.) _		'	Welland Hydrology P	resent? res 🗆 No 🖂		
Saturation		Υe	es 🗌 No 🖾 De	pth (in.) _						
(includes ca	apillary fringe)			-						
Describe R	ecorded Data (s	tream gaug	e, monitoring w	ell, aerial	photos, prev	rious insp	ections), if available:			
	`	5 5	3		•	·	•			
Remarks:										

Project/Site: <u>Desert Claim</u> Applicant/Owner: <u>EDF</u>		-	/County: <u>Ki</u> e: <u>WA</u>	ttitas County	Sampling Date: 7/7/17 Sampling Point: GA-SP-74
Investigator(s): MB, JD; Grette Associates Landform (hillslope, terrace, etc.): Hillslope Subregion (LRR): B					: <u>20</u> Township: <u>19</u> Range: <u>18</u> , none: Slope (%): <u>~2</u> Datum: <u>NAD83(11)</u>
Soil Map Name: Reeser-Reelow-Sketter comp Are climatic/hydrologic conditions on the site to		⊠ No □ (If no, explain in Re	NWI Classification:		
Are Vegetation Soil, or Hydrology signature Vegetation Soil, or Hydrology signature Summany of Summ	nificantly p	roblematio	·	d, explain in Remarks)	nces" present? Yes 🖾 No 🗌
SUMMARY OF FINDINGS – Attach site	map snow Yes ☐ No		ipiing poi	nt locations, transects, i	mportant features, etc.
Hydric soils present?	Yes No	$\boxtimes$	Is the sar	mpled area within a wetland	d? Yes □ No ⊠
Remarks: R25; formerly datasheet GA-R25-1					
VEGETATION – Use scientific names o					
Tree Stratum (Plot size: )		e Dominar <u>r Species</u>	nt Indicator	Dominance Test worksheet:	
1 2		<u> </u>	<u></u>	Number of Dominant Species that are OBL, FACW, or FAC:	
3	<u> </u>			Total Number of Dominant Species Across All Strata:	<u>4 (B)</u>
Sapling/Shrub Stratum (Plot size: )		= Total (	Cover	Percent of Dominant Species that are OBL, FACW, or FAC:  Prevalence Index workshee	
1. Rosa woodsii	<u>15</u>	<u>Y</u>	<u>FACU</u>	Total % Cover of:	
2				OBL species	<u>Multiply by:</u> x 1 =
4				FACW species	x 2 =
5				FAC species 70	<b>x 3 =</b> <u>210</u>
	<u>15</u>	= Total (	Cover	FACU species 35	<b>x</b> 4 = <u>105</u>
Herb Stratum (Plot size: )	<del></del>			UPL species 10	<b>x 5</b> = <u>50</u>
1. Agrostis scabra	40	<u>Y</u>	<u>FAC</u>	Column Totals 115 (A)	<u>365 (</u> B)
2. <u>Elymus glaucus</u>	<del>40</del> 30	<u> </u>	FAC		
3. <u>Trifolium repens</u>	<u>20</u>	<u>Y</u>	<u>FACU</u>		ndex = B/A = <u>3.2</u>
4. <u>Lotus denticulatus</u>	<u>10</u>	<u>N</u>	NL(UPL)	Hydrophytic Vegetation indi  ☐ Dominance Test is >50%	cators:
5				☐ Prevalence Index is ≤3.0¹	
6 7				☐ Morphological Adaptations	ol (provide cupporting data in
8				Remarks or on a s	
	<u>100</u>	= Total (	Cover	☐ Problematic Hydrophytic \	/egetation <sup>1</sup> (explain)
Woody Vine Stratum (Plot size: ) 1				<sup>1</sup> Indicators of hydric soil and v present, unless disturbed or p	
2					
		= Total (	Cover	Hydrophytic vegetation p	oresent? Yes 🗌 No 🖂
% Bare Ground in Herb Stratum	% Cover of	Biotic Crus	t		
Remarks:					

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

(inches) Color (moist) % Color (moist) % Type: Loc Texture Remarks    10YR 3/2	Depth	Matrix_		<u>F</u>	Redox Fea	atures						
Type: C=Concentration: D=Deptetion: RM=Reduced matrix: CS=Covered or Coated Sand Grains.	(inches)	Color (moist)	%	Color (moist)	%	Type₁	Loc <sub>2</sub>	Texture	Remarks			
Type: C=Concentration: D=Deptetion: RM=Reduced matrix: CS=Covered or Coated Sand Grains.	0.40	40VD 0/0	400			I		Silt loam/stony	У			
Hydric Solis Indicators: (Applicable to all LRRs, unless otherwise noted.)    Histosol (A1)	0-16	101K 3/2	100					loam				
Hydric Soils Indicators: (Applicable to all LRRs, unless otherwise noted.)    Histosol (A1)												
Hydric Soils Indicators: (Applicable to all LRRs, unless otherwise noted.)    Histosol (A1)												
Hydric Solis Indicators: (Applicable to all LRRs, unless otherwise noted.)    Histosol (A1)												
Hydric Solis Indicators: (Applicable to all LRRs, unless otherwise noted.)    Histosol (A1)												
Hydric Soils Indicators: (Applicable to all LRRs, unless otherwise noted.)    Histosol (A1)												
Hydric Soils Indicators: (Applicable to all LRRs, unless otherwise noted.)    Histosol (A1)												
Histosol (A1)	¹Type: C=C	Concentration; D	=Depletion;	RM=Reduced r	natrix; CS	=Covered or	Coated	Sand Grains. <sup>2</sup> Loc	cation: PL=Pore linings; M=Matrix			
Histosol (A1)	Hydric Soi	ils Indicators: (/	Annlicable	to all I RRs un	less othe	rwise noted	1	Indicators for	r Problematic Hydric Soils <sup>3</sup> :			
Histic Epipedon (A2)	i i yano oo	iio iriaioatoro. (/	тррпоавіс				-,		•			
Black Histic (A3)	☐ Histoso	I (A1)		☐ Sar	idy Redox	(S5)		☐ 1 cm Muck	(A9) ( <b>LRR C</b> )			
Hydrogen Sulfide (A4)	☐ Histic E	pipedon (A2)		☐ Stri	pped Matı	rix (S6)		2 cm Muck	(A10) ( <b>LRR B</b> )			
Stratified Layers (A5) (LRR C)	☐ Black H	istic (A3)		☐ Loa	my Mucky	y Material (F	1)					
1 cm Muck (A9) (LRR D)	☐ Hydroge	en Sulfide (A4)		☐ Loa	my Gleye	d Matrix (F2)	)					
1 cm Muck (A9) (LRR D)	☐ Stratifie	d Layers (A5) (L	RR C)	☐ Der	leted Mat	trix (F3)		Other (Exp	plain in Remarks)			
Depleted Below Dark Surface (A11)   Depleted Dark Surface (F7)   Thick Dark Surface (A12)   Redox Depressions (F8)   Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.    Restrictive Layer (if present):								_ ` .	,			
☐ Thick Dark Surface (A12)       ☐ Redox Depressions (F8)       "Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.         ☐ Sandy Gleyed Matrix (S4)       Hydric Soils Present, unless disturbed or problematic.         Restrictive Layer (if present):       Hydric Soils Present? Yes ☐ No ☒         Depth (inches):       Hydric Soils Present? Yes ☐ No ☒         HYDROLOGY         Wetland Hydrology Indicators         Primary Indicators (minimum of one required; check all that apply ☐ Sait Crust (B11)       ☐ Gecondary Indicators (2 or more required)         ☐ Surface Water (A1)       ☐ Sait Crust (B11)       ☐ Water Marks (B1) (Riverine)         ☐ High Water Table (A2)       ☐ Biotic Crust (B12)       ☐ Sediment Deposits (B1) (Riverine)         ☐ Saturation (A3)       ☐ Drift Deposits (B1) (Nonriverine)       ☐ Aquatic Invertebrates (B13)       ☐ Drift Deposits (R10)         ☐ Sediment Deposits (B2) (Nonriverine)       ☐ Oxidized Rhizospheres along Living Roots (C3)       ☐ Dry-Season Water Table (C2)         ☐ Drift Deposits (B3) (Nonriverine)       ☐ Presence of Reduced Iron (C4)       ☐ Craylish Burrows (C8)         ☐ Surface Soil Cracks (B6)       ☐ Recent Iron Reduction in Tilled Soils (C6)       ☐ Saturation Visible on Aerial Imagery (B7)         ☐ Inundation Visible on Aerial Imagery       Yes ☐ No ☒ Depth (in.) ☐         Water Table Present?							7)					
Sandy Mucky Material (S1)	•		. ,				.,					
Restrictive Layer (if present): Type: Depth (inches): Hydric Soils Present? Yes  No    Remarks:  HYDROLOGY  Wetland Hydrology Indicators Primary Indicators (minimum of one required; check all that apply primary Indicators (minimum of one required; check all that apply   Secondary Indicators (2 or more required)   Sufface Water (At)		,	•					3Indicators of I	hydrophytic vegetation and wetland hydrology			
Restrictive Layer (if present): Type: Depth (inches): Remarks:  HYDROLOGY  Wetland Hydrology Indicators Primary Indicators (minimum of one required; check all that apply Surface Water (A1)				□ vei	ilai Fuuis	(1 9)		must be prese	ent, unless disturbed or problematic.			
Type:		sieyed Mairix (S	4)									
Type:	Restrictive	Layer (if present	:):									
Pepth (inches):   Remarks:    HYDROLOGY			•									
HYDROLOGY   Wetland Hydrology Indicators   Primary Indicators (minimum of one required; check all that apply   Secondary Indicators (2 or more required)   Salt Crust (B11)   Water Marks (B1) (Riverine)   Salt Crust (B12)   Sediment Deposits (B2) (Riverine)   Salturation (A3)   Aquatic Invertebrates (B13)   Drift Deposits (Riverine)   Drift Deposits (B2) (Nonriverine)   Presence of Reduced Iron (C4)   Crayfish Burrows (C8)   Surface Soil Cracks (B6)   Recent Iron Reduction in Tilled Soils (C6)   Salturation Visible on Aerial Imagery (B7)   Thin Muck Surface (C7)   Shallow Aquitard (D3)   Water-Stained Leaves (B9)   Other (Explain in Remarks)   FAC-Neutral Test (D5)	,	<u> </u>						Hydric Soils Pres	ent? Yes ∐ No ⊠			
HYDROLOGY  Wetland Hydrology Indicators  Primary Indicators (minimum of one required; check all that apply  Surface Water (A1)  Sulface Water (A1)  Salt Crust (B11)  Saturation (A3)  Aquatic Invertebrates (B13)  Sediment Deposits (B2) (Riverine)  Hydrogen Sulfide Odor (C1)  Sediment Deposits (Riverine)  Hydrogen Sulfide Odor (C1)  Sediment Deposits (B2) (Nonriverine)  Sediment Deposits (B2) (Riverine)  Sediment Deposits (B2) (Riveri	Depth (inch	nes):										
HYDROLOGY  Wetland Hydrology Indicators  Primary Indicators (minimum of one required; check all that apply  Surface Water (A1)  Sulface Water (A1)  Salt Crust (B11)  Saturation (A3)  Aquatic Invertebrates (B13)  Sediment Deposits (B2) (Riverine)  Hydrogen Sulfide Odor (C1)  Sediment Deposits (Riverine)  Hydrogen Sulfide Odor (C1)  Sediment Deposits (B2) (Nonriverine)  Sediment Deposits (B2) (Riverine)  Sediment Deposits (B2) (Riveri	Remarks:											
Wetland Hydrology Indicators           Primary Indicators (minimum of one required; check all that apply         Secondary Indicators (2 or more required)           Surface Water (A1)         Salt Crust (B11)         Water Marks (B1) (Riverine)           High Water Table (A2)         Biotic Crust (B12)         Sediment Deposits (B2) (Riverine)           Water Marks (B1) (Nonriverine)         Hydrogen Sulfide Odor (C1)         Drainage Patterns (B10)           Sediment Deposits (B2) (Nonriverine)         Oxidized Rhizospheres along Living Roots (C3)         Dry-Season Water Table (C2)           Drift Deposits (B3) (Nonriverine)         Presence of Reduced Iron (C4)         Crayfish Burrows (C8)           Surface Soil Cracks (B6)         Recent Iron Reduction in Tilled Soils (C6)         Saturation Visible on Aerial Imagery (C9)           Inundation Visible on Aerial Imagery (B7)         Thin Muck Surface (C7)         Shallow Aquitard (D3)           Water-Stained Leaves (B9)         Other (Explain in Remarks)         FAC-Neutral Test (D5)           Field Observations           Surface Water Present?         Yes No Depth (in.)         Wetland Hydrology Present? Yes No Depth (in.)           Saturation Present?         Yes No Depth (in.)         Wetland Hydrology Present? Yes No Depth (in.)           Cincludes capillary fringe)         Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available: <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>												
Wetland Hydrology Indicators           Primary Indicators (minimum of one required; check all that apply         Secondary Indicators (2 or more required)           Surface Water (A1)         Salt Crust (B11)         Water Marks (B1) (Riverine)           High Water Table (A2)         Biotic Crust (B12)         Sediment Deposits (B2) (Riverine)           Water Marks (B1) (Nonriverine)         Hydrogen Sulfide Odor (C1)         Drainage Patterns (B10)           Sediment Deposits (B2) (Nonriverine)         Oxidized Rhizospheres along Living Roots (C3)         Dry-Season Water Table (C2)           Drift Deposits (B3) (Nonriverine)         Presence of Reduced Iron (C4)         Crayfish Burrows (C8)           Surface Soil Cracks (B6)         Recent Iron Reduction in Tilled Soils (C6)         Saturation Visible on Aerial Imagery (C9)           Inundation Visible on Aerial Imagery (B7)         Thin Muck Surface (C7)         Shallow Aquitard (D3)           Water-Stained Leaves (B9)         Other (Explain in Remarks)         FAC-Neutral Test (D5)           Field Observations           Surface Water Present?         Yes No Depth (in.)         Wetland Hydrology Present? Yes No Depth (in.)           Saturation Present?         Yes No Depth (in.)         Wetland Hydrology Present? Yes No Depth (in.)           Cincludes capillary fringe)         Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available: <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>												
Wetland Hydrology Indicators           Primary Indicators (minimum of one required; check all that apply         Secondary Indicators (2 or more required)           Surface Water (A1)         Salt Crust (B11)         Water Marks (B1) (Riverine)           High Water Table (A2)         Biotic Crust (B12)         Sediment Deposits (B2) (Riverine)           Water Marks (B1) (Nonriverine)         Hydrogen Sulfide Odor (C1)         Drainage Patterns (B10)           Sediment Deposits (B2) (Nonriverine)         Oxidized Rhizospheres along Living Roots (C3)         Dry-Season Water Table (C2)           Drift Deposits (B3) (Nonriverine)         Presence of Reduced Iron (C4)         Crayfish Burrows (C8)           Surface Soil Cracks (B6)         Recent Iron Reduction in Tilled Soils (C6)         Saturation Visible on Aerial Imagery (C9)           Inundation Visible on Aerial Imagery (B7)         Thin Muck Surface (C7)         Shallow Aquitard (D3)           Water-Stained Leaves (B9)         Other (Explain in Remarks)         FAC-Neutral Test (D5)           Field Observations           Surface Water Present?         Yes No Depth (in.)         Wetland Hydrology Present? Yes No Depth (in.)           Saturation Present?         Yes No Depth (in.)         Wetland Hydrology Present? Yes No Depth (in.)           Cincludes capillary fringe)         Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available: <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>												
Primary Indicators (minimum of one required; check all that apply Surface Water (A1) Salt Crust (B11) Salt Crust (B12) High Water Table (A2) Biotic Crust (B12) Saturation (A3) Aquatic Invertebrates (B13) Drift Deposits (Riverine) Water Marks (B1) (Nonriverine) Hydrogen Sulfide Odor (C1) Drainage Patterns (B10) Sediment Deposits (B2) (Nonriverine) Oxidized Rhizospheres along Living Roots (C3) Dry-Season Water Table (C2) Drift Deposits (B3) (Nonriverine) Presence of Reduced Iron (C4) Crayfish Burrows (C8) Surface Soil Cracks (B6) Recent Iron Reduction in Tilled Soils (C6) Saturation Visible on Aerial Imagery (B7) Hundation Visible on Aerial Imagery (B7) Thin Muck Surface (C7) Shallow Aquitard (D3) Water-Stained Leaves (B9) Other (Explain in Remarks) FAC-Neutral Test (D5)  Field Observations Surface Water Present? Yes No Depth (in.) Water Table Present? Yes No Depth (in.) Saturation Present? Yes No Depth (in.) Saturation Present? Yes No Depth (in.) Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:												
Surface Water (A1)       Salt Crust (B11)       Water Marks (B1) (Riverine)         High Water Table (A2)       Biotic Crust (B12)       Sediment Deposits (B2) (Riverine)         Saturation (A3)       Aquatic Invertebrates (B13)       Drift Deposits (Riverine)         Water Marks (B1) (Nonriverine)       Hydrogen Sulfide Odor (C1)       Drainage Patterns (B10)         Sediment Deposits (B2) (Nonriverine)       Oxidized Rhizospheres along Living Roots (C3)       Dry-Season Water Table (C2)         Drift Deposits (B3) (Nonriverine)       Presence of Reduced Iron (C4)       Crayfish Burrows (C8)         Surface Soil Cracks (B6)       Recent Iron Reduction in Tilled Soils (C6)       Saturation Visible on Aerial Imagery (B7)         Inundation Visible on Aerial Imagery (B7)       Thin Muck Surface (C7)       Shallow Aquitard (D3)         Water-Stained Leaves (B9)       Other (Explain in Remarks)       FAC-Neutral Test (D5)         Field Observations         Surface Water Present?       Yes No Depth (in.)       Wetland Hydrology Present? Yes No S       No S         Saturation Present?       Yes No Depth (in.)       Wetland Hydrology Present? Yes No S       No S         Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:				المادات والمحاد	414				Co do			
High Water Table (A2) Biotic Crust (B12) Sediment Deposits (B2) (Riverine)   Saturation (A3) Aquatic Invertebrates (B13) Drift Deposits (Riverine)   Water Marks (B1) (Nonriverine) Hydrogen Sulfide Odor (C1) Drainage Patterns (B10)   Sediment Deposits (B2) (Nonriverine) Oxidized Rhizospheres along Living Roots (C3) Dry-Season Water Table (C2)   Drift Deposits (B3) (Nonriverine) Presence of Reduced Iron (C4) Crayfish Burrows (C8)   Surface Soil Cracks (B6) Recent Iron Reduction in Tilled Soils (C6) Saturation Visible on Aerial Imagery (C9)   Inundation Visible on Aerial Imagery (B7) Thin Muck Surface (C7) Shallow Aquitard (D3)   Water-Stained Leaves (B9) Other (Explain in Remarks) FAC-Neutral Test (D5)    Field Observations  Surface Water Present?  Yes No Depth (in.)  Wetland Hydrology Present? Yes No Modern Present? Yes No Depth (in.)  (includes capillary fringe)  Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:    Wetland Hydrology Present? Yes No Modern Previous Inspections), if available:			n or one rec									
Saturation (A3) Aquatic Invertebrates (B13) Drift Deposits (Riverine)   Water Marks (B1) (Nonriverine) Hydrogen Sulfide Odor (C1) Drainage Patterns (B10)   Sediment Deposits (B2) (Nonriverine) Oxidized Rhizospheres along Living Roots (C3) Dry-Season Water Table (C2)   Drift Deposits (B3) (Nonriverine) Presence of Reduced Iron (C4) Crayfish Burrows (C8)   Surface Soil Cracks (B6) Recent Iron Reduction in Tilled Soils (C6) Saturation Visible on Aerial Imagery (C9)   Inundation Visible on Aerial Imagery (B7) Thin Muck Surface (C7) Shallow Aquitard (D3)   Water-Stained Leaves (B9) Other (Explain in Remarks) FAC-Neutral Test (D5)    Field Observations  Surface Water Present?  Yes No Depth (in.)  Water Table Present?  Yes No Depth (in.)  Saturation Present?  Yes No Depth (in.)  (includes capillary fringe)  Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:    Surface Water Present		, ,							_ ` ` ` ` ` ` ` ` ` ` ` ` ` ` ` ` ` ` `			
□ Water Marks (B1) (Nonriverine) □ Hydrogen Sulfide Odor (C1) □ Drainage Patterns (B10)   □ Sediment Deposits (B2) (Nonriverine) □ Oxidized Rhizospheres along Living Roots (C3) □ Dry-Season Water Table (C2)   □ Drift Deposits (B3) (Nonriverine) □ Presence of Reduced Iron (C4) □ Crayfish Burrows (C8)   □ Sulface Soil Cracks (B6) □ Recent Iron Reduction in Tilled Soils (C6) □ Saturation Visible on Aerial Imagery (C9)   □ Inundation Visible on Aerial Imagery (B7) □ Thin Muck Surface (C7) □ Shallow Aquitard (D3)   □ Water-Stained Leaves (B9) □ Other (Explain in Remarks) □ FAC-Neutral Test (D5)    Field Observations  Surface Water Present?  Yes □ No ☑ Depth (in.)  Water Table Present?  Yes □ No ☑ Depth (in.)  Yes □ No ☑ Depth (in.)  Gincludes capillary fringe)  Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:		` ,					D42\					
Sediment Deposits (B2) (Nonriverine) □ Oxidized Rhizospheres along Living Roots (C3) □ Dry-Season Water Table (C2)   □ Drift Deposits (B3) (Nonriverine) □ Presence of Reduced Iron (C4) □ Crayfish Burrows (C8)   □ Surface Soil Cracks (B6) □ Recent Iron Reduction in Tilled Soils (C6) □ Saturation Visible on Aerial Imagery (C9)   □ Inundation Visible on Aerial Imagery (B7) □ Thin Muck Surface (C7) □ Shallow Aquitard (D3)   □ Water-Stained Leaves (B9) □ Other (Explain in Remarks) □ FAC-Neutral Test (D5)    Field Observations  Surface Water Present?  Yes □ No ☑ Depth (in.)  Water Table Present?  Yes □ No ☑ Depth (in.)  Saturation Present?  Yes □ No ☑ Depth (in.)  Yes □ No ☑ Depth (in.)  Saturation Present? Yes □ No ☑ Depth (in.)  (includes capillary fringe)  Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:					•		,					
□ Drift Deposits (B3) (Nonriverine) □ Presence of Reduced Iron (C4) □ Crayfish Burrows (C8) □ Surface Soil Cracks (B6) □ Recent Iron Reduction in Tilled Soils (C6) □ Saturation Visible on Aerial Imagery (C9) □ Inundation Visible on Aerial Imagery (B7) □ Thin Muck Surface (C7) □ Shallow Aquitard (D3) □ Water-Stained Leaves (B9) □ Other (Explain in Remarks) □ FAC-Neutral Test (D5)  Field Observations  Surface Water Present? Yes □ No ☑ Depth (in.) □ Wetland Hydrology Present? Yes □ No ☑ Depth (in.) □ Wetland Hydrology Present? Yes □ No ☑ Depth (in.) □ Observation Presen									. ,			
□ Surface Soil Cracks (B6) □ Recent Iron Reduction in Tilled Soils (C6) □ Saturation Visible on Aerial Imagery (C9) □ Inundation Visible on Aerial Imagery (B7) □ Thin Muck Surface (C7) □ Shallow Aquitard (D3) □ Water-Stained Leaves (B9) □ Other (Explain in Remarks) □ FAC-Neutral Test (D5)  Field Observations  Surface Water Present? Yes □ No ☑ Depth (in.) □ Wetland Hydrology Present? Yes □ No ☑ Depth (in.) □ Wetland Hydrology Present? Yes □ No ☑ Depth (in.) □ Observation Presen						•	•	J ,	_ , , ,			
Inundation Visible on Aerial Imagery (B7)		. , , ,	,									
Water-Stained Leaves (B9) ☐ Other (Explain in Remarks) ☐ FAC-Neutral Test (D5)    Field Observations  Surface Water Present?  Yes ☐ No ☐ Depth (in.) ☐ Wetland Hydrology Present? Yes ☐ No ☐ Depth (in.) ☐ Saturation Present?  (includes capillary fringe)  Wetland Hydrology Present? Yes ☐ No ☐ Depth (in.) ☐ Observible Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:		•	•					Soils (C6)	☐ Saturation Visible on Aerial Imagery (C9)			
Field Observations  Surface Water Present? Yes ☐ No ☐ Depth (in.)  Water Table Present? Yes ☐ No ☐ Depth (in.)  Saturation Present? Yes ☐ No ☐ Depth (in.)  (includes capillary fringe)  Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:	☐ Inundati	ion Visible on Ae	erial Imagery	/ (B7)	Thin Muck	Surface (C7	7)		☐ Shallow Aquitard (D3)			
Surface Water Present? Yes No Depth (in.) Wetland Hydrology Present? Yes No Depth (in.) Saturation Present? Yes No Depth (in.) Depth (in.) Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:	☐ Water-S	Stained Leaves (	B9)		Other (Exp	plain in Rema	arks)		☐ FAC-Neutral Test (D5)			
Water Table Present? Yes No Depth (in.) Wetland Hydrology Present? Yes No Depth (in.) Depth (in.) Depth (in.) Depth (in.) Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:	Field Obse	ervations										
Water Table Present? Yes No Depth (in.) Wetland Hydrology Present? Yes No Depth (in.) Depth (in.) Depth (in.) Depth (in.) Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:			V	a 🗆 Na 🖾 Day	ath (in )							
Saturation Present? Yes No Depth (in.) (includes capillary fringe)  Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:	Surface wa	ater Present?					Ι,	Matlemal I I	Brasset2 Vas 🗆 Na 🕅			
(includes capillary fringe)  Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:	Water Tabl	e Present?	Ye	es 🗌 No 🔯 De <sub>l</sub>	oth (in.)		'	wetiand Hydrology	Present? Yes   No			
(includes capillary fringe)  Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:	Saturation	Present?	Υe	es ∏ No ⊠ Dei	oth (in.)							
	(includes c	apillary fringe)			· /							
	Describe P	ecorded Data (c	tream dalid	e monitoring w	المواتعا الم	nhotos previ	nus inen	ections) if available.				
Remarks:	POSCING IX	.coorded Data (S	ouiii yauy	o, mornioning we	,, acriai j	onotos, pievi	ous map	ootionoj, ii avaliable.	•			
Remarks:												
kemarks:	D- :											
	Remarks:											
	_											

Project/Site: Desert Claim		-	-	titas County	Sampling Date: 7/11/17
Applicant/Owner: EDF		State	e: <u>WA</u>		Sampling Point: GA-SP-75
Investigator(s): SM, CW; Grette Associates					29 Township: 19 Range: 18
Landform (hillslope, terrace, etc.): Hillslope				relief (concave□, convex□,	· · · · · · · · · · · · · · · · · · ·
Subregion (LRR): B			Lat: <u>47</u>	<u>7.11346</u> Long: <u>-120.61413</u>	Datum: <u>NAD83(11)</u>
Soil Map Name: Maxhill ashy loam, 0 to 5 percer				<b>7</b>	NWI Classification:
Are climatic/hydrologic conditions on the site typi			/ear? Yes [		
Are Vegetation Soil , or Hydrology signif			0 (16		ces" present? Yes ⊠ No ☐
Are Vegetation Soil, or Hydrology signif					mnortant factures, etc
SUMMARY OF FINDINGS – Attach site many Hydrophytic vegetation present?	ap snow es ⊠ No		piing poi	nt locations, transects, ii	inportant leatures, etc.
	s 🖾 No				
1 -			Is the san	npled area within a wetland	? Yes ⊠ No □
Wetland hydrology present? Yet Remarks: R25; formerly datasheet GA-25-1	s 🛛 No	Ш			
•	<i>.</i>	\	4.404		
Plot adjacent to 2-3ft wide swale w/flowing water	er (irrigatio	on) photo	1461		
VEGETATION – Use scientific names of p					
Tree Stratum (Plot size: )		e Dominar <u>Species</u>		Dominance Test worksheet:	
	<u>/6 COVE</u>	Species:	Status	Number of Dominant Species	
1				that are OBL, FACW, or FAC:	<u>1 (A)</u>
2				Total Number of Dominant	
3 4				Species Across All Strata:	<u>3 (B)</u>
<del>*</del>		T-1-1.0		Percent of Dominant Species	
		= Total C	over	that are OBL, FACW, or FAC:	33 (A/B)
Sapling/Shrub Stratum (Plot size:5m )				Prevalence Index worksheet	:
1. Rosa woodsii	<u>10</u>				
2				Total % Cover of:	Multiply by:
3				OBL species	x 1 =
4				FACW species	x 2 =
5				FAC species	x 3 =
		= Total C	Cover	FACU species	x 4 =
Herb Stratum (Plot size:2m )				UPL species(A)	x 5 =(B)
1. <u>Bromus tectorum.</u>	<u>30</u>	<u>Y</u>	<u>NL</u>	Column Totals(A)	(В)
2. <u>Juncus balticus</u>	30	<u>Y</u>	FACW	Prevalence ind	ov - B/A -
3. <u>Festuca idahoensis</u>	<u>5</u>	<u>N</u>	<u>FACU</u>	Hydrophytic Vegetation indic	
4. <u>Trifolium pratense</u>	<u>25</u>	<u>Y</u>	<u>FACU</u>		Salurs.
5. <u>Elymus repens</u>	<u>3</u>	<u>N</u>	<u>FAC</u>	☐ Dominance Test is >50%	
6				☐ Prevalence Index is ≤3.0¹	
7				☐ Morphological Adaptations	
8				Remarks or on a se	
W. J. Vi. G. J. (Div.)	<u>100</u>	= Total C	Cover	☐ Problematic Hydrophytic V	
Woody Vine Stratum (Plot size: )				<sup>1</sup> Indicators of hydric soil and w present, unless disturbed or pr	
1					
2					10 Y N N
		= Total C		Hydrophytic vegetation p	resent? Yes ⊠ No □
		Crust			
Remarks: Presumed seasonal herbaceous spe	cies eme	rge atter v	vater drops		

Profile Des	scription: (Desc	ribe to the	depth needed	l to docun	nent the ind	icator o	r confirm the abse	nce of indicators.)	
Depth (inches)	Matrix	0/		Redox Fea		Loo	— Touture	Domorko	
(inches)	Color (moist) 10YR 2/2	% 100	Color (moist)	<u>%</u>	Type <sub>1</sub>	Loc <sub>2</sub>	Texture	Remarks silt with gravel	
2-12	101R 2/2 10YR 2/2	90	7.5 YR 4/4	10	С	M	clayey clayey	silt with gravel	
				-					
1									
Type: C=0	Concentration; D	=Depletion;	RM=Reduced	matrix; CS	=Covered or	r Coated	Sand Grains. Lo	ocation: PL=Pore linings; M=Matrix	
Hydric Soi	Is Indicators: (A	Applicable t	to all LRRs, u	nless othe	erwise noted	d.)	Indicators fo	or Problematic Hydric Soils³:	
☐ Histoso	(A1)		Пsa	ndy Redox	x (S5)		☐ 1 cm Muc	ck (A9) (LRR C)	
☐ Histic Epipedon (A2) ☐ Stripped Matrix (S6) ☐ 2 cm Muck (A10) (LRR B)									
 ☐ Black H					y Material (F	1)	☐ Reduced		
	en Sulfide (A4)			•	ed Matrix (F2	,		ent Material (TF2)	
	d Layers (A5) ( <b>L</b>	RR C)		pleted Ma		,		plain in Remarks)	
☐ 1 cm M	uck (A9) (LRR D	)	⊠ Re	dox Dark	Surface (F6)				
☐ Deplete	d Below Dark Sເ	urface (A11)	□ De	pleted Da	rk Surface (F	7)			
☐ Thick D	ark Surface (A12	2)	□ Re	dox Depre	essions (F8)		21 11		
☐ Sandy I	Mucky Material (	S1)	□ Ve	rnal Pools	(F9)			f hydrophytic vegetation and wetland hydrology sent, unless disturbed or problematic.	
☐ Sandy 0	Gleyed Matrix (S	4)					muot bo proc	orn, amous distances of problematic.	
Restrictive	Layer (if present	t):							
Type: com	oact gravel/silt						Hydric Soils Pre	sent? Yes ⊠ No □	
Depth (inch	nes): <u>-12</u>								
Remarks:	photo 1460								
	•								
HYDROI									
	ydrology Indica dicators (minimur		uired: check a	II that appl	V			Secondary Indicators (2 or more required)	
Surface	Water (A1)			Salt Crust				☐ Water Marks (B1) (Riverine)	
☐ High W	ater Table (A2)			Biotic Cru	st (B12)			☐ Sediment Deposits (B2) (Riverine)	
	on (A3)			Aquatic In	vertebrates	(B13)		☐ Drift Deposits ( <b>Riverine</b> )	
☐ Water N	1arks (B1) ( <b>Nonr</b>	riverine)		Hydrogen	Sulfide Odo	r (C1)		□ Drainage Patterns (B10)	
☐ Sedime	nt Deposits (B2)	(Nonriverin	ne) 🗌	Oxidized I	Rhizosphere	s along l	Living Roots (C3)	□ Dry-Season Water Table (C2)	
☐ Drift De	posits (B3) ( <b>Non</b>	riverine)			of Reduced	,	•	☐ Crayfish Burrows (C8)	
	Soil Cracks (B6)			Recent Iro	on Reduction	in Tilled	d Soils (C6)	☐ Saturation Visible on Aerial Imagery (C9)	
	on Visible on Ae		. ,		k Surface (C			Shallow Aquitard (D3)	
☐ Water-S	Stained Leaves (I	B9)		Other (Ex	plain in Rem	arks)		☐ FAC-Neutral Test (D5)	
Field Obse	ervations								
Surface Wa	ater Present?		es 🗌 No 🛛 De						
Water Tabl	e Present?	Ye	es 🛛 No 🗌 De	epth (in.) <u>1</u>	<u>0</u>		Wetland Hydrolog	y Present? Yes ⊠ No □	
(includes c	Saturation Present? Yes ⊠ No ☐ Depth (in.) 3 (includes capillary fringe)								
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:									
Remarks:	Irrigation-influen	nced, flowing	swale (2-3') a	diacent to	plot				
	J	,	,	,					

Project/Site: Desert Claim		City/	County: Kit	y: <u>Kittitas County</u> Sampling Date: <u>7</u>				
Applicant/Owner: EDF		State	e: <u>WA</u>		Sampling Point: GA-SP-76			
Investigator(s): SM, CW; Grette Associates				-	<u>29</u> Township: <u>19</u> Range: <u>18</u>			
Landform (hillslope, terrace, etc.): Slope				relief (concave $igties$ , convex $igsim$ , r	none⊡: Slope (%): <u>4</u> Datum: <u>NAD83(11)</u>			
Subregion (LRR): <u>B</u>	• · · · =							
Soil Map Name: Maxhill ashy loam, 0 to 5 percent	_	_	NWI Classification:					
Are climatic/hydrologic conditions on the site typic			ear? Yes L					
Are Vegetation Soil, or Hydrology significant			0 (1)		es" present? Yes  No			
Are Vegetation Soil, or Hydrology signifi					_			
SUMMARY OF FINDINGS – Attach site ma			pling poi	nt locations, transects, in	nportant features, etc.			
, , , , , , , , , , , , , , , , , , , ,	s 🛛 No [							
	s 🛛 No [		Is the san	npled area within a wetland?	P Yes ⊠ No □			
	s 🛛 No [							
Remarks: R29; formerly datasheet GA-R29-1								
VEGETATION – Use scientific names of p	lants							
	Absolute		t Indicator	Dominance Test worksheet:				
<u>Tree Stratum</u> (Plot size: )	% Cover	Species'	Status	Number of Dominant Species				
1				that are OBL, FACW, or FAC:	<u>1 (A)</u>			
2				Total Number of Dominant	<del></del>			
3				Species Across All Strata:	<u>2 (B)</u>			
4				Percent of Dominant Species	<del></del>			
		= Total C	Cover	that are OBL, FACW, or FAC:	50 (A/B)			
Sapling/Shrub Stratum (Plot size: )				Prevalence Index worksheet:	<del></del>			
1								
2				Total % Cover of:	Multiply by:			
3				OBL species	x 1 =			
4				FACW species 40	x 2 = <u>80</u>			
5				FAC species	x 3 =			
		= Total C	Cover	FACU species 30	x 4 = <u>120</u>			
Herb Stratum (Plot size: )				UPL species 25	x 5 = <u>125</u>			
1. <u>Juncus balticus.</u>	40	Y	FACW	Column Totals <u>95</u> (A)	<u>325 (</u> B)			
2. Bromus tectorum	10	<u>N</u>	NL	Drevelence inde	D/A			
3. <u>Festuca idahoensis</u>	<u>30</u>	<u>Y</u>	FACU	Prevalence inde				
4. <u>Cryptantha flava</u>	<u>15</u>	<u>N</u>	<u>NL</u>	Hydrophytic Vegetation indicate	ators:			
5				☐ Dominance Test is >50%				
6				☐ Prevalence Index is ≤3.0 <sup>1</sup>				
7				☐ Morphological Adaptations¹				
8				Remarks or on a sep	parate sheet)			
	<u>95</u>	= Total C	Cover	☑ Problematic Hydrophytic Vertical Problematic Hydrophytic Hydrophytic Problematic Hydrophytic Problematic Hydrophy	egetation <sup>1</sup> (explain)			
Woody Vine Stratum (Plot size: )				<sup>1</sup> Indicators of hydric soil and we present, unless disturbed or pro				
1				present, unless disturbed of pre	more matic.			
2								
		= Total C	Cover	Hydrophytic vegetation pr	esent? Yes 🛛 No 🗌			
-	er of Biotic		_					
Remarks: Located in a vegetated depression; h	ydrophyti	c species	dominates					

		ribe to the	depth neede			icator o	r confirm the absenc	e of indicators.)		
Depth (inches)	Matrix Color (moist)	%	Color (moist)	Redox Fea	Type <sub>1</sub>	Loc <sub>2</sub>	— Texture	Remarks		
0-2	10YR 3/2	100				<u> </u>	silty	loam		
				-						
				-						
<sup>1</sup> Type: C=C	Concentration; D	.i =Depletion;	EM=Reduced	matrix; CS	:=Covered or	Coated	Sand Grains. <sup>2</sup> Loca	ation: PL=Pore linings; M=Matrix		
								•		
Hydric Soi	Is Indicators: (A	Applicable	to all LRRS, u	niess otne	erwise noted	1.)	Indicators for	Problematic Hydric Soils <sup>3</sup> :		
☐ Histosol	(A1)		☐ Sa	andy Redox	k (S5)		☐ 1 cm Muck	(A9) ( <b>LRR C</b> )		
☐ Histic E	pipedon (A2)			ripped Mat			2 cm Muck (A10) (LRR B)			
☐ Black H	` '			-	y Material (F		Reduced Vertic (F18)			
	en Sulfide (A4)			-	ed Matrix (F2)	)	Red Parent	, ,		
	d Layers (A5) ( <b>L</b>			epleted Ma			Other (Expl	ain in Remarks)		
	uck (A9) (LRR D	•			Surface (F6)					
	d Below Dark Su	` '	<del></del>	•	rk Surface (F	7)				
<del></del>	ark Surface (A12	,			essions (F8)		3Indicators of h	ydrophytic vegetation and wetland hydrology		
-	Mucky Material (		□ Ve	ernal Pools	(F9)			nt, unless disturbed or problematic.		
□ Sandy C	Gleyed Matrix (S	4)								
Restrictive	Layer (if present	t):								
Type: hard	dry soil						Hydric Soils Prese	nt? Yes ⊠ No □		
Depth (inch	nes): <u>2</u>									
Remarks:	Presumed sat	urated <14	1 cons. days;	problema	atic hydric so	oils				
HYDROL	LOGY									
	ydrology Indica									
	licators (minimui Water (A1)	m or one red	quirea; cneck a	Salt Crust	<u>y</u> : (B11)			Secondary Indicators (2 or more required)  Water Marks (B1) (Riverine)		
	ater Table (A2)			Biotic Cru			Sediment Deposits (B2) (Riverine)			
☐ Saturati					vertebrates (	(B13)		☐ Drift Deposits ( <b>Riverine</b> )		
	larks (B1) ( <b>Non</b> i	riverine)			Sulfide Odor			☐ Drainage Patterns (B10)		
	nt Deposits (B2)					. ,		☐ Dry-Season Water Table (C2)		
	posits (B3) (Non			Presence	of Reduced	Iron (C4	) [	☐ Crayfish Burrows (C8)		
☐ Surface	Soil Cracks (B6	)		Recent Iro	on Reduction	in Tilled	Soils (C6)	☐ Saturation Visible on Aerial Imagery (C9)		
☐ Inundati	on Visible on Ae	erial Imagery	/ (B7)	Thin Mucl	c Surface (C7	7)		☑ Shallow Aquitard (D3)		
☐ Water-S	stained Leaves (	B9)		Other (Ex	plain in Rema	arks)		☐ FAC-Neutral Test (D5)		
Field Obse	rvations									
Surface Wa	ater Present?	Υe	es 🗌 No 🛛 D	epth (in.) _						
Water Tabl	e Present?	Ye	es 🗌 No 🛛 D	epth (in.) _			Wetland Hydrology I	Present? Yes ⊠ No □		
Saturation	Present?	Ye	es 🗌 No 🔯 D	epth (in.)						
	apillary fringe)									
Describe R	ecorded Data (s	tream gaug	e, monitoring v	vell, aerial	photos, previ	ous insp	pections), if available:			
			-							
Remarks:	Other than topo	graphy, no	visible hydrolo	gy indicato	rs; hydrology	presum	ed			

Project/Site: Desert Claim		-		titas County	Sampling Date: 7/11/17
Applicant/Owner: <u>EDF</u>		Stat	e: <u>WA</u>		Sampling Point: GA-SP-77
Investigator(s): SM, CW; Grette Associates					2 <u>0</u> Township: <u>19</u> Range: <u>18</u>
Landform (hillslope, terrace, etc.): Hillslope				elief (concave□, convex⊠, r	· · · · · · · · · · · · · · · · · · ·
Subregion (LRR): B			Lat: <u>47</u>	<u>.12220</u> Long: <u>-120.61556</u>	Datum: <u>NAD83(11)</u>
Soil Map Name: Reeser-Reelow-Sketter complex			<b></b> 5	<b>3</b>	NWI Classification:
Are climatic/hydrologic conditions on the site typic			year? Yes ⊵		
Are Vegetation ☐ Soil ☐, or Hydrology ☐ signif Are Vegetation ☐ Soil ☐, or Hydrology ☐ signif	-		? (If needed		es" present? Yes 🛛 No 🗌
SUMMARY OF FINDINGS – Attach site ma	ap show	ing sam	pling poi	nt locations, transects, in	nportant features, etc.
Hydrophytic vegetation present? Ye	s 🛛 No [				
Hydric soils present? Ye	s 🛛 No [		le the con	npled area within a wetland?	? Yes ⊠ No □
Wetland hydrology present? Ye	s 🛛 No [		is the sail	ipieu area within a wetianu	r res 🖂 No 🖂
Remarks: R43; formerly datasheet GA-43-1					
photos 1462 - 1464 plot in center of 12-15ft swa	le, seaso	nal			
VEGETATION – Use scientific names of p	lants				
	Absolute		nt Indicator	Dominance Test worksheet:	
Tree Stratum (Plot size: )	% Cove	r Species	? Status	Number of Dominant Species	
1				that are OBL, FACW, or FAC:	(A)
2				Total Number of Dominant	<del></del>
3				Species Across All Strata:	(B)
4				Percent of Dominant Species	<del></del>
		= Total (	Cover	that are OBL, FACW, or FAC:	<u>(A/B)</u>
Sapling/Shrub Stratum (Plot size: )				Prevalence Index worksheet:	
1					
2				Total % Cover of:	Multiply by:
3				OBL species	x 1 =
4				FACW species	x 2 =
5				FACULARISIS	x 3 =
		= Total (	Cover	FACU species UPL species	x 4 =
Herb Stratum (Plot size: )				Column Totals(A)	x 5 =(B)
1. <u>Allium sp.</u>	<u>30</u>	<u>Y</u>	<u>FACU</u>	Column Totals (A)	(5)
2. <u>Bromus tectorum</u>	<u>20</u>	<u>Y</u>	<u>NL</u>	Prevalence inde	ey = R/Δ =
3. <u>Festuca idahoensis</u>	<u>35</u>	<u>Y</u>	<u>FACU</u>	Hydrophytic Vegetation indic	·
4. <u>Trifolium pratense</u>	<u>2</u>	<u>N</u>	<u>FACU</u>		ators.
5. <u>Cryptantha flava</u>	<u>3</u>	<u>N</u>	<u>NL</u>	☐ Dominance Test is >50%	
6				☐ Prevalence Index is ≤3.0 <sup>1</sup>	
7 8				☐ Morphological Adaptations <sup>1</sup> Remarks or on a sep	
	90	= Total (	Cover	☑ Problematic Hydrophytic Vertical Section 1. 1	,
Woody Vine Stratum (Plot size: )				<sup>1</sup> Indicators of hydric soil and we	
1				present, unless disturbed or pro	oblematic.
2					
		= Total 0	Cover	Hydrophytic vegetation pr	esent? Yes 🏿 No 🗀
% Bare Ground in Herb Stratum 10 % Cov	ver of Bioti	c Crust		,	
Remarks: Vegetation non-hydrophytic; presume			n species		
			•		
İ					

Profile Des	scription: (Desc	ribe to the	depth needed	to docum	ent the ind	icator or	confirm the abse	nce of indicators.)			
Depth	<u>Matrix</u>			Redox Fea	atures		_				
(inches)	Color (moist)	% T	Color (moist)	%	Type <sub>1</sub>	Loc <sub>2</sub>	Texture	Remarks			
				ļ	ļ						
1T. may C. C	on controtion. D	Donlotion	DM Dadwood	motriu CC	Covered or	Cooted	Sand Craina 21	ocation: PL=Pore linings; M=Matrix			
	Is Indicators: (A							or Problematic Hydric Soils <sup>3</sup> :			
☐ Histoso		•	Пеа	ndy Redox	(95)		□ 1 cm Muc	ek (A9) ( <b>LRR C</b> )			
	pipedon (A2)			ipped Mati							
☐ Black H					y Material (F	1)	☐ 2 cm Muck (A10) ( <b>LRR B</b> ) ☐ Reduced Vertic (F18)				
	en Sulfide (A4)				d Matrix (F2			nt Material (TF2)			
	d Layers (A5) ( <b>L</b>	RR C)		pleted Mat		,	· <del></del>	plain in Remarks)			
	uck (A9) (LRR D				Surface (F6)						
	d Below Dark Su	•	□ De	pleted Dar	k Surface (F	7)					
☐ Thick D	ark Surface (A12	2)			ssions (F8)	·					
☐ Sandy N	Mucky Material (	S1)	☐ Ve	rnal Pools	(F9)			hydrophytic vegetation and wetland hydrology tent, unless disturbed or problematic.			
☐ Sandy 0	Gleyed Matrix (S	4)					must be pres	ient, unless distulbed of problematic.			
Restrictive	Layer (if present	:):									
Type: ceme	ented large cobb	<u>le</u>					Hydric Soils Pres	sent? Yes ⊠ No □			
Depth (inch	nes): <u>0</u>										
Remarks:	no soil pit, soil	is compa	cted large cob	ble							
HYDROL											
	ydrology Indica dicators (minimur		guired: check al	I that appl	V			Secondary Indicators (2 or more required)			
	Water (A1)	11 01 0110 100		Salt Crust				Water Marks (B1) (Riverine)			
☐ High Wa	ater Table (A2)			Biotic Crus	st (B12)		☐ Sediment Deposits (B2) (Riverine)				
☐ Saturati	on (A3)			Aquatic In	vertebrates	(B13)		☐ Drift Deposits ( <b>Riverine</b> )			
☐ Water N	Marks (B1) ( <b>Nonr</b>	riverine)		Hydrogen	Sulfide Odo	r (C1)		□ Drainage Patterns (B10)			
☐ Sedime	nt Deposits (B2)	(Nonriveri	•			-	iving Roots (C3)	☐ Dry-Season Water Table (C2)			
	posits (B3) ( <b>Non</b>	,			of Reduced			☐ Crayfish Burrows (C8)			
	Soil Cracks (B6				n Reduction		Soils (C6)	Saturation Visible on Aerial Imagery (C9)			
	ion Visible on Ae	0,	` ' —		Surface (C			☐ Shallow Aquitard (D3)			
	Stained Leaves (I	B9)	Ц	Other (Exp	plain in Rem	arks)		FAC-Neutral Test (D5)			
Field Obse	ervations										
Surface Wa	ater Present?	Ye	es 🗌 No 🛛 De	pth (in.)							
Water Tabl	e Present?	Ye	es 🗌 No 🖾 De	pth (in.) _			Wetland Hydrolog	y Present? Yes ⊠ No □			
Saturation Present? Yes ☐ No ☒ Depth (in.) (includes capillary fringe)											
Describe R	ecorded Data (s	tream gaug	e, monitoring w	ell, aerial p	ohotos, previ	ous insp	ections), if available	e:			
DowrI-	0		amada at 1 m	-1		1					
Remarks:	Seasonal draina	age, no prim	ary nydro indic	ators; pres	sumed hydro	iogy duri	ng spring				

Project/Site: <u>Desert Claim</u>				titas County	Sampling Date: 7/6/17		
Applicant/Owner: <u>EDF</u>		Sta	te: <u>WA</u>	Sampling Point: <u>GA-SP-78</u>			
Investigator(s): MB, JD; Grette Associates				_	2 <u>0</u> Township: <u>19</u> Range: <u>18</u>		
Landform (hillslope, terrace, etc.): Hillslope				relief (concave□, convex⊠, r			
Subregion (LRR): B			Lat: <u>47</u>	<u>7.13190</u> Long: <u>-120.61574</u>	Datum: <u>NAD83(11)</u>		
Soil Map Name: Reeser-Reelow-Sketter complex			0.V. 5	7	NWI Classification:		
Are climatic/hydrologic conditions on the site typic							
Are Vegetation ☐ Soil ☐, or Hydrology ☐ signifi Are Vegetation ☐ Soil ☐, or Hydrology ☐ signifi	-				es" present? Yes ⊠ No □		
			,	,			
SUMMARY OF FINDINGS – Attach site ma  Hydrophytic vegetation present?  Yes	ı <b>p snow</b> s ⊠ No [		ipiing poii	nt locations, transects, in	iportant features, etc.		
	s 🖂 No [						
			Is the san	ampled area within a wetland? Yes ⊠ No □			
	s 🛛 No [						
Remarks: R45; formerly datasheet GA-R45-1							
VEGETATION – Use scientific names of p							
Tree Stratum (Plot size: )		Domina Species	nt Indicator ? Status	Dominance Test worksheet:			
1	<u>70 0010.</u>	<u> </u>	- Otatao	Number of Dominant Species			
2				that are OBL, FACW, or FAC:	<u>2 (A)</u>		
3				Total Number of Dominant			
4				Species Across All Strata:	<u>2 (B)</u>		
		= Total	Cover	Percent of Dominant Species			
Sapling/Shrub Stratum (Plot size: )		. 01		that are OBL, FACW, or FAC:	<u>100 (A/B)</u>		
				Prevalence Index worksheet:			
1				Total % Cover of	Multiply by		
2				Total % Cover of: OBL species	<u>Multiply by:</u> x 1 =		
3 4				FACW species	x 2 =		
5				FAC species	x 3 =		
		= Total	Cover	FACU species	x 4 =		
Llowb Christian (Diet einer		- rotar	OOVOI	UPL species	x 5 =		
Herb Stratum (Plot size: )				Column Totals (A)	(B)		
1. <u>Juncus balticus</u>	<u>50</u>	<u>Y</u>	FACW				
2. <u>Agrostis scabra</u>	<u>40</u>	<u>Y</u>	<u>FAC</u> <u>FACU</u>	Prevalence inde	x = B/A =		
3. <u>Festuca idahoensis</u> 4	<u>10</u>	<u>N</u>	<u>FACU</u>	Hydrophytic Vegetation indica	ators:		
5				□ Dominance Test is >50%			
6				☐ Prevalence Index is ≤3.0 <sup>1</sup>			
7				☐ Morphological Adaptations¹	(provide supporting data in		
8				Remarks or on a sep			
	<u>100</u>	= Total	Cover	☐ Problematic Hydrophytic Ve	getation <sup>1</sup> (explain)		
Woody Vine Stratum (Plot size: )				<sup>1</sup> Indicators of hydric soil and we present, unless disturbed or pro			
1				present, unless disturbed of pro	biematic.		
2							
		= Total	Cover	Hydrophytic vegetation pro	esent? Yes 🛛 No 🗌		
% Bare Ground in Herb Stratum %	Cover of E	Biotic Crus	st				
Remarks:				ı			

Profile Des	Profile Description: (Describe to the depth needed to document the indicator or				r confirm the abser	nce of indicators.)					
Depth (inches)	Matrix Color (moist)	%	Color (moist)	Redox Fea %	atures Type1	Loc <sub>2</sub>	— Texture	Remarks			
0-10*	10YR 2/2	85	7.5YR 4/6	15	C	M	Silty stony lo				
0.10	1011(2/2	00	7.011( 4/0	10			Only storry lot				
									,		
Type: C=C	Concentration; D	i =Depletion;	EM=Reduced	i matrix; CS	E=Covered o	or Coated	Sand Grains. <sup>2</sup> Lo	i ocation: PL=Pore linings; M=Matrix			
	ls Indicators: (A							or Problematic Hydric Soils <sup>3</sup> :			
☐ Histoso	I (A1)		ПSa	ndy Redox	x (S5)		☐ 1 cm Muc	ck (A9) (LRR C)			
☐ Histic Epipedon (A2) ☐ Stripped Matrix (S6)						☐ 1 cm Muck (A9) ( <b>LRR C</b> ) ☐ 2 cm Muck (A10) ( <b>LRR B</b> )					
☐ Black H					y Material (I	F1)	☐ Reduced				
	en Sulfide (A4)			-	ed Matrix (F			ent Material (TF2)			
	d Layers (A5) (L	RR C)		pleted Ma		,	Other (Explain in Remarks)				
1 cm M	uck (A9) ( <b>LRR D</b>	))	⊠ Re	dox Dark	Surface (F6	)					
☐ Deplete	d Below Dark Su	urface (A11)	De □	pleted Da	rk Surface (	F7)					
☐ Thick D	ark Surface (A12	2)	☐ Re	dox Depre	essions (F8)						
☐ Sandy N	Mucky Material (	S1)	☐ Ve	rnal Pools	(F9)			f hydrophytic vegetation and wetland hydrol sent, unless disturbed or problematic.	logy		
☐ Sandy 0	Gleyed Matrix (S	4)					must be prec	orn, arricos distarsos or prosiornatio.			
Restrictive	Layer (if present	t):									
Type:	<u>—</u>						Hydric Soils Pres	sent? Yes ⊠ No □			
Depth (inch	nes):										
Remarks:	*Shovel refusa	al									
HYDROI	OGY										
	ydrology Indica	ators									
Primary Inc	dicators (minimu		quired; check a	I that appl	У		Secondary Indicators (2 or more required)				
	Water (A1)			Salt Crust				Water Marks (B1) (Riverine)			
•	ater Table (A2)		<del></del>	Biotic Cru	,	(D40)		Sediment Deposits (B2) (Riverine)			
☐ Saturati	` '	-!\	<del></del>	•	vertebrates	` '		Drift Deposits (Riverine)			
	Marks (B1) ( <b>Non</b> i	,			Sulfide Ode		Living Roots (C3)	☐ Drainage Patterns (B10) ☐ Dry-Season Water Table (C2)			
	nt Deposits (B2)				-	•	. ,	_ , , ,			
	posits (B3) ( <b>No</b> n Soil Cracks (B6				of Reduced on Reductio			☐ Crayfish Burrows (C8) ☐ Saturation Visible on Aerial Imagery (C	20)		
	ion Visible on Ae				k Surface (C		1 30113 (00)	☐ Shallow Aquitard (D3)	<i>)</i>		
	Stained Leaves (				plain in Ren			FAC-Neutral Test (D5)			
Field Obse	,			Other (Ex	piaiii iii itteii	Tiarko,		- 17.0 Neutral Test (BS)			
	ater Present?	Ye	es 🗌 No 🔯 De	oth (in.)							
Water Tabl			es 🗌 No 🖾 De			,	Wetland Hydrolog	y Present? Yes ⊠ No □			
Saturation			es 🗌 No 🖾 De								
	apillary fringe)	YE	es 🗌 No 🔼 De	ptn (in.) _	<u> </u>						
Describe R	ecorded Data (s	tream gaug	e, monitoring w	ell, aerial	photos, prev	vious insp	ections), if available	<del>9</del> :			
Remarks:	Best profession	al judgment	seasonal inun	dation							

Project/Site: Desert Claim		-	-	ttitas County	Sampling Date: 7/6/17		
Applicant/Owner: EDF		Stat	e: <u>WA</u>		Sampling Point: GA-SP-79		
Investigator(s): MB, JD; Grette Associates					<u>20</u> Township: <u>19</u> Range: <u>18</u>		
Landform (hillslope, terrace, etc.): <u>Hillslope</u>				relief (concave□, convex⊠,	· · · · · · · · · · · · · · · · · · ·		
Subregion (LRR): B			Lat: <u>47</u>	7.13194 Long: <u>-120.61546</u>	Datum: <u>NAD83(11)</u>		
Soil Map Name: Reeser-Reelow-Sketter comp				<b>-</b>	NWI Classification:		
Are climatic/hydrologic conditions on the site t							
Are Vegetation ☐ Soil ☐, or Hydrology ☐ sig					ces" present? Yes ⊠ No □		
Are Vegetation ☐ Soil ☐, or Hydrology ☐ sig							
SUMMARY OF FINDINGS – Attach site			npling poi	nt locations, transects, ir	mportant features, etc.		
	Yes No						
	Yes   No		Is the san	ampled area within a wetland? Yes ☐ No ☒			
	Yes 🗌 No						
Remarks: R45; formerly datasheet GA-R45-2	<u>)</u>						
VEGETATION – Use scientific names o	f plants						
	Absolu		nt Indicator	Dominance Test worksheet:			
Tree Stratum (Plot size: )	<u>% C0√€</u>	er Species	? Status	Number of Dominant Species			
1				that are OBL, FACW, or FAC:	<u>0 (A)</u>		
2				Total Number of Dominant			
3				Species Across All Strata:	<u>2 (B)</u>		
4				Percent of Dominant Species			
		= Total (	Cover	that are OBL, FACW, or FAC:	<u>0 (A/B)</u>		
Sapling/Shrub Stratum (Plot size: )				Prevalence Index worksheet:			
1							
2				Total % Cover of:	Multiply by:		
3				OBL species	x 1 =		
4				FACW species	x 2 =		
5				FAC species	x 3 =		
		= Total (	Cover	FACU species	x 4 =		
Herb Stratum (Plot size: )				UPL species	x 5 =		
1. Festuca idahoensis	40	<u>Y</u>	FACU	Column Totals(A)	(B)		
2. Cichorium intybus	<u>10</u> 30	<u>·</u> <u>Y</u>	FACU				
3. Achillea millefolium	<u>10</u>	<u>.</u> <u>N</u>	FACU	Prevalence inde			
4. Cryptantha spp.	10	N	FACU*	Hydrophytic Vegetation indic	cators:		
5				☐ Dominance Test is >50%			
6				☐ Prevalence Index is ≤3.0 <sup>1</sup>			
7				☐ Morphological Adaptations	1 (provide supporting data in		
8				Remarks or on a se			
	<u>90</u>	= Total (	Cover	☐ Problematic Hydrophytic Ve	egetation <sup>1</sup> (explain)		
Woody Vine Stratum (Plot size: )				<sup>1</sup> Indicators of hydric soil and we			
1				present, unless disturbed or pro	oblematic.		
2							
		= Total (	Cover	Hydrophytic vegetation p	resent? Yes □ No ⊠		
% Bare Ground in Herb Stratum	% Cover of			, op, e.g p.			
Remarks: *Indiates the indicator status of the				genus: species not identified			
Tremarks. Indiates the indicator status of the	only mem	bei oi tile	Oryptantna	genus, species not identined.	•		

		ribe to the				cator o	r confirm the abser	nce of indicators.)			
Depth (inches)	Matrix Color (moist)	%	Color (moist)	Redox Fea %	tures Type₁	Loc <sub>2</sub>	 Texture	Remarks			
0-16*	10YR 4/2	100		T	Typo		Silty stony loa				
Type: C=0	Concentration: D	Depletion:	RM=Reduced i	matrix: CS	=Covered or	Coated	Sand Grains <sup>2</sup> Lo	cation: PL=Pore linings; M=Matrix			
	Is Indicators: (A							r Problematic Hydric Soils <sup>3</sup> :			
	,	тррпсавіс	_			·· <i>)</i>	_	·			
Histoso	` ,			ndy Redox			☐ 1 cm Muck (A9) ( <b>LRR C</b> )				
	Histic Epipedon (A2)  Stripped Matrix (S6)						2 cm Muck (A10) (LRR B)				
☐ Black H	` ,				y Material (F		☐ Reduced				
	en Sulfide (A4)			-	d Matrix (F2)	)		nt Material (TF2)			
	d Layers (A5) (L	•		pleted Mat			☐ Other (Ex	plain in Remarks)			
	uck (A9) (LRR D	•			Surface (F6)						
-	d Below Dark Su				k Surface (F	7)					
	ark Surface (A12	•			ssions (F8)		3Indicators of	hydrophytic vegetation and wetland hydrology			
	Mucky Material (	•	☐ Ve	rnal Pools	(F9)			ent, unless disturbed or problematic.			
☐ Sandy (	Gleyed Matrix (S	4)									
Restrictive	Layer (if present	):									
Туре:							Hydric Soils Pres	sent? Yes ☐ No ⊠			
Depth (inch							Tryunc construct	Sent: 163 🗆 110 🖂			
. ,	*Shovel refusa	N.									
Remarks.	Shovel relusa	<b>1</b> 1									
HYDROL	_OGY										
Wetland H	ydrology Indica										
Primary Inc	dicators (minimur Water (A1)	m of one red		I that apply Salt Crust				Secondary Indicators (2 or more required)			
	ater Table (A2)		· <del></del>	Biotic Crus	` '		☐ Water Marks (B1) (Riverine)				
_	, ,				si (b12) vertebrates (	(D42)	☐ Sediment Deposits (B2) (Riverine)				
☐ Saturati				•				Drift Deposits (Riverine)			
	Marks (B1) ( <b>Nonr</b>				Sulfide Odo		ining Death (CO)	☐ Drainage Patterns (B10)			
	nt Deposits (B2)	•					_iving Roots (C3)	☐ Dry-Season Water Table (C2)			
	posits (B3) (Non		<del></del>		of Reduced	,	,	Crayfish Burrows (C8)			
	Soil Cracks (B6)				n Reduction		Soils (C6)	☐ Saturation Visible on Aerial Imagery (C9)			
	ion Visible on Ae	0,	` '		Surface (C7	,		Shallow Aquitard (D3)			
	Stained Leaves (I	39)	Ш	Other (Exp	plain in Rema	arks)		FAC-Neutral Test (D5)			
Field Obse	ervations										
Surface Wa	ater Present?		es 🗌 No 🛭 De								
Water Tabl	e Present?	Ye	es 🗌 No 🛛 De	pth (in.) _			wetiand Hydrology	/ Present? Yes □ No □			
	Saturation Present? Yes ☐ No ☒ Depth (in.) (includes capillary fringe)										
Describe R	ecorded Data (s	tream gaug	e, monitoring w	ell, aerial p	ohotos, previ	ous insp	ections), if available	:			
Remarks:	<u> </u>										

Project/Site: <u>Desert Claim</u>				titas County	Sampling Date: 7/6/17
Applicant/Owner: <u>EDF</u>		Stat	e: WA		Sampling Point: GA-SP-80
Investigator(s): MB, JD; Grette Associates					<u>0</u> Township: <u>19</u> Range: <u>18</u>
Landform (hillslope, terrace, etc.): Hillslope				relief (concave□, convex⊠, no	
Subregion (LRR): B	0.50/ 1		Lat: <u>47</u>	7.12178 Long: <u>-120.61660</u>	Datum: <u>NAD83(11)</u>
Soil Map Name: Reeser-Reelow-Sketter complex,			0 1/ 5		NWI Classification:
Are climatic/hydrologic conditions on the site typic			year? Yes ⊵		
Are Vegetation ☐ Soil ☐, or Hydrology ☐ signifi Are Vegetation ☐ Soil ☐, or Hydrology ☐ signifi	-		c? (If needed	Are "Normal Circumstance d, explain in Remarks)	es present? Yes 🖂 No 📋
SUMMARY OF FINDINGS – Attach site ma	p show	ing sam	pling poir	nt locations, transects, im	portant features, etc.
Hydrophytic vegetation present? Yes	s ⊠ No [				
Hydric soils present? Yes	s ⊠ No [		le the sam	npled area within a wetland?	Yes ⊠ No □
Wetland hydrology present? Yes	s ⊠ No [		is the san	ipieu area witiiii a wetiaiiu:	Tes M No L
Remarks: R58; formerly datasheet GA-R58-1					
Wetland hydrology was not observed in the field;	presum	ed based	on plant co	mposition and time of year.	
VEGETATION – Use scientific names of pl	ants				
T 0: (D) (1:			nt Indicator	Dominance Test worksheet:	
Tree Stratum (Plot size:	% Cover	Species'	? Status	Number of Dominant Species	
1				that are OBL, FACW, or FAC:	<u>2 (A)</u>
2				Total Number of Dominant	<del></del>
3				Species Across All Strata:	<u>3 (B)</u>
4				Percent of Dominant Species	<del>- 1-/</del>
		= Total (	Cover	that are OBL, FACW, or FAC:	67 (A/B)
Sapling/Shrub Stratum (Plot size: )				Prevalence Index worksheet:	· · ·
1. Rosa woodsii	<u>10</u>	<u>Y</u>	<u>FACU</u>		
2				Total % Cover of:	Multiply by:
3				OBL species	x 1 =
4				FACW species	x 2 =
5				FAC species	x 3 =
	<u>10</u>	= Total 0	Cover	FACU species	x 4 =
Herb Stratum (Plot size: )				UPL species(A)	x 5 =
1. <u>Trifolium pratense</u>	<u>60</u>	<u>Y</u>	FAC	Column Totals(A)	(B)
2. <u>Iris missouriensis</u>	20	<u>Y</u>	FACW	Duninglaman in day	- D/A
3. Potentilla recta	<u></u> <u>5</u>	N	NL(UPL)	Prevalence index	
4				Hydrophytic Vegetation indica	tors:
5					
6				☐ Prevalence Index is ≤3.0 <sup>1</sup>	
7 8				☐ Morphological Adaptations¹ ( Remarks or on a sepa	provide supporting data in
0	85	= Total (	Cover	☐ Problematic Hydrophytic Veg	•
Woody Vine Stratum (Plot size: )				<sup>1</sup> Indicators of hydric soil and wet	
1				present, unless disturbed or prob	plematic.
2					
		= Total (	Cover	Hydrophytic vegetation pre	esent? Yes 🛛 No 🗌
% Bare Ground in Herb Stratum %	Cover of F	Biotic Crus		,p,	
Remarks:		20 3.00	· <u> </u>		

		ribe to the				icator or	confirm the abser	nce of indicators.)		
Depth (inches)	Matrix Color (moist)	%	Color (moist)	Redox Fea %	<u>itures</u> Type₁	Loc <sub>2</sub>	 Texture	Remarks		
0-20	10YR 3/2	95	10YR 4/6	5	C	M,PL	Silt	Tomano		
	1011( 0/2		10111 4/0	<u>.</u>		ivi,i <u>–</u>	Unt			
						<b>-</b>				
1= 0					<u> </u>		0 10 : 21			
								cation: PL=Pore linings; M=Matrix		
Hydric Soi	Is Indicators: (A	Applicable	to all LRRs, un	less othe	rwise noted	d.)	Indicators fo	or Problematic Hydric Soils <sup>3</sup> :		
☐ Histosol	(A1)		☐ Sar	ndy Redox	(S5)		☐ 1 cm Muc	k (A9) ( <b>LRR C</b> )		
☐ Histic Epipedon (A2) ☐ Stripped Matrix (S6)							☐ 2 cm Muck (A10) ( <b>LRR B</b> )			
☐ Black H	istic (A3)		☐ Loa	my Mucky	Material (F	1)	☐ Reduced	Vertic (F18)		
☐ Hydroge	en Sulfide (A4)		☐ Loa	my Gleye	d Matrix (F2	2)	☐ Red Pare	nt Material (TF2)		
☐ Stratifie	d Layers (A5) ( <b>L</b>	RR C)	☐ Dep	oleted Mat	rix (F3)		☐ Other (Ex	plain in Remarks)		
☐ 1 cm Mu	uck (A9) (LRR D	)	⊠ Red	dox Dark S	Surface (F6)					
☐ Deplete	d Below Dark Sເ	ırface (A11)	☐ Dep	oleted Dar	k Surface (F	7)				
☐ Thick D	ark Surface (A12	2)	☐ Red	dox Depre	ssions (F8)					
☐ Sandy N	Mucky Material (	S1)	☐ Ver	nal Pools	(F9)			hydrophytic vegetation and wetland hydrology ent, unless disturbed or problematic.		
☐ Sandy 0	Gleyed Matrix (S	4)					must be pres	ent, unless disturbed of problematic.		
Restrictive	Layer (if present	):								
Type:	• • •	,-					Ukadaia Caila Basa	and Van Mar I		
Depth (inch							Hydric Solls Pres	sent? Yes ⊠ No □		
Remarks:										
Remarks:										
HYDROL	_OGY									
Wetland H	ydrology Indica									
Primary Inc	licators (minimur Water (A1)	m of one red		that appl Salt Crust				Secondary Indicators (2 or more required)  Water Marks (B1) (Riverine)		
	` ,		<del></del>	Sait Crust Biotic Crus	` '			, , , , ,		
_	ater Table (A2)				vertebrates	(D12)	Sediment Deposits (B2) (Riverine)			
Saturati		iverine)						Drift Deposits (Riverine)		
	farks (B1) ( <b>Nonr</b> nt Deposits (B2)				Sulfide Odo		iving Doots (C2)	☐ Drainage Patterns (B10)		
		•					iving Roots (C3)	☐ Dry-Season Water Table (C2)		
	posits (B3) ( <b>Non</b>				of Reduced	` '		Crayfish Burrows (C8)		
	Soil Cracks (B6				n Reduction		Solis (C6)	Saturation Visible on Aerial Imagery (C9)		
	ion Visible on Ae	0,	` '		Surface (C	,		Shallow Aquitard (D3)		
	Stained Leaves (I	39)	N.	Otner (Exp	olain in Rem	arks)		FAC-Neutral Test (D5)		
Field Obse										
Surface Wa	ater Present?		es 🗌 No 🔯 De <sub>l</sub>				M-41	Duranto Van Maria		
Water Tabl	e Present?		es 🗌 No 🔯 De <sub>l</sub>			'	wetiand Hydrology	/ Present? Yes ⊠ No □		
Saturation (includes ca	Present? apillary fringe)	Υe	es 🗌 No 🔯 De <sub>l</sub>	oth (in.)						
Describe R	ecorded Data (s	tream gaug	e, monitoring we	ell, aerial p	ohotos, prev	ious insp	ections), if available	):		
							d on plant composit	tion and presence of hydric soils in an arid		
location, so	location, soil was likely saturated for sufficient duration early in the growing season.									

Project/Site: <u>Desert Claim</u>				titas County	Sampling Date: 7/6/17						
Applicant/Owner: <u>EDF</u>		Stat	e: <u>WA</u>		Sampling Point: GA-SP-81						
Investigator(s): MB, JD; Grette Associates				——————————————————————————————————————	<u>20</u> Township: <u>19</u> Range: <u>18</u>						
Landform (hillslope, terrace, etc.): Hillslope				elief (concave□, convex⊠, n	· · · · · · · · · · · · · · · · · · ·						
Subregion (LRR): B			Lat: <u>47</u>	.12246 Long: <u>-120.61727</u>	Datum: <u>NAD83(11)</u>						
Soil Map Name: Reeser-Reelow-Sketter complex,			<b></b> 5	<b>7</b> —	NWI Classification:						
Are climatic/hydrologic conditions on the site typic			year? Yes ⊵								
Are Vegetation ☐ Soil ☐, or Hydrology ☐ signifi Are Vegetation ☐ Soil ☐, or Hydrology ☐ signifi	-		? (If needed		es" present? Yes ⊠ No □						
SUMMARY OF FINDINGS – Attach site ma	p show	ing sam	pling poir	nt locations, transects, im	portant features, etc.						
Hydrophytic vegetation present? Yes	s 🛛 No [										
Hydric soils present? Yes	s 🛛 No [		le the can	pled area within a wetland?	Yes ⊠ No □						
Wetland hydrology present? Yes	s 🛛 No [		is the san	ipieu area witiiii a wetianu:	162 M 140 M						
Remarks: R70; formerly datasheet GA-R70-1											
Wetland hydrology was not observed in the field; presumed based on plant composition and time of year.											
VEGETATION – Use scientific names of pl	lants										
	Absolute		nt Indicator	Dominance Test worksheet:							
Tree Stratum (Plot size:	% Cover	Species	? Status	Number of Dominant Species							
1				that are OBL, FACW, or FAC:	3 (A)						
2				Total Number of Dominant	<del></del>						
3				Species Across All Strata:	<u>3 (B)</u>						
4				Percent of Dominant Species	<del></del>						
		= Total (	Cover	that are OBL, FACW, or FAC:	100 (A/B)						
Sapling/Shrub Stratum (Plot size: )				Prevalence Index worksheet:							
1											
2				Total % Cover of:	Multiply by:						
3				OBL species	x 1 =						
4				FACW species	x 2 =						
5				FAC species	x 3 =						
		= Total (	Cover	FACU species	x 4 =						
Herb Stratum (Plot size: )				UPL species Column Totals (A)	x 5 =(B)						
1. <u>Juncus balticus</u>	<u>50</u>	<u>Y</u>	FACW	Column Totals(A)	(D)						
2. <u>Trifolium pratense</u>	30	<u>Y</u>	FAC	Prevalence inde	v – R/A –						
3. Agrostis scabra	<u>20</u>	<u>Y</u>	FAC	Hydrophytic Vegetation indica							
4					itors.						
5				□ Dominance Test is >50%							
6				☐ Prevalence Index is ≤3.0 <sup>1</sup>							
7 8				☐ Morphological Adaptations <sup>1</sup> Remarks or on a sep	(provide supporting data in parate sheet)						
	100	= Total (	Cover	☐ Problematic Hydrophytic Ve	,						
Woody Vine Stratum (Plot size: )				<sup>1</sup> Indicators of hydric soil and wet present, unless disturbed or prol							
1			-								
2											
		= Total (	Cover	Hydrophytic vegetation pre	esent? Yes 🗵 No 🗌						
% Bare Ground in Herb Stratum %	Cover of E	Biotic Crus	t								
Remarks:											
I .											

Profile Des Depth	scription: (Desc Matrix	ribe to the	•	to docun Redox Fea		licator or	r confirm the abse	nce of indicators.)		
(inches)	Color (moist)	%	Color (moist)	%	Type <sub>1</sub>	Loc <sub>2</sub>	 Texture	Remarks		
0-15	10YR 3/2	85	7.5YR 4/6	15	С	М	Silt loam			
15-20	10YR 3/2	60	10YR 4/3	40	C	M	Silt loam			
<sup>1</sup> Type: C=C	oncentration; D	=Depletion;	RM=Reduced i	natrix; CS	S=Covered o	r Coated	Sand Grains. <sup>2</sup> Lo	ocation: PL=Pore linings; M=Matrix		
Hydric Soi	Is Indicators: (/	Annlicable :	to all I RRs ur	less othe	rwise note	d )	Indicators fo	or Problematic Hydric Soils <sup>3</sup> :		
_		принсавне				u.,		•		
Histosol	. ,			ndy Redo			<u>=</u>	ck (A9) (LRR C)		
	pipedon (A2)		☐ Str		ck (A10) ( <b>LRR B</b> )					
☐ Black H	, ,			-	y Material (I		Reduced	` '		
	en Sulfide (A4)	DD (C)			ed Matrix (F2	2)		ent Material (TF2)		
	d Layers (A5) (L			pleted Ma			☐ Other (Ex	plain in Remarks)		
	uck (A9) ( <b>LRR D</b> d Balow Dark Su				Surface (F6)					
•	d Below Dark Sเ ark Surface (A12	,			rk Surface (l essions (F8)					
	Ark Surface (A12 Aucky Material (	,		rnal Pools			3Indicators of	f hydrophytic vegetation and wetland hydrology		
-	-			iliai i oois	(1 3)		must be pres	sent, unless disturbed or problematic.		
Sandy Gleyed Matrix (S4)  Restrictive Layer (if present):										
_		1):								
Туре:							Hydric Soils Pres	sent? Yes ⊠ No □		
Depth (inch	ies):									
Remarks:										
HYDROL										
	ydrology Indica licators (minimu Water (A1)			I that appl Salt Crust				Secondary Indicators (2 or more required)  Water Marks (B1) (Riverine)		
	ater Table (A2)			Biotic Cru	, ,		Sediment Deposits (B2) (Riverine)			
☐ Saturati			<del></del>		vertebrates	(B13)		☐ Drift Deposits (Riverine)		
	larks (B1) ( <b>Non</b> i	riverine)			Sulfide Odd			☐ Drainage Patterns (B10)		
	nt Deposits (B2)						iving Roots (C3)	☐ Dry-Season Water Table (C2)		
	posits (B3) (Non			Presence	of Reduced	I Iron (C4)	)	☐ Crayfish Burrows (C8)		
	Soil Cracks (B6			Recent Iro	on Reductio	n in Tilled	Soils (C6)	☐ Saturation Visible on Aerial Imagery (C9)		
☐ Inundati	on Visible on Ae	erial Imagery	/ (B7)	Thin Mucl	k Surface (C	(7)		☐ Shallow Aquitard (D3)		
☐ Water-S	stained Leaves (	B9)	$\boxtimes$	Other (Ex	plain in Ren	narks)		☑ FAC-Neutral Test (D5)		
Field Obse	ervations									
Surface Wa	ater Present?	Υe	es 🗌 No 🛭 De	pth (in.)						
Water Tabl	e Present?	Υe	es 🗌 No 🛛 De	pth (in.) _		,	Wetland Hydrolog	y Present? Yes ⊠ No □		
Saturation (includes ca	Present? apillary fringe)	Υe	es □ No ⊠ De	pth (in.) _						
Describe R	ecorded Data (s	tream gauge	e, monitoring w	ell, aerial	photos, prev	ious insp	ections), if available	e:		
								tion and presence of hydric soils in an arid		
location, so	il was likely satu	irated for at	least 14 conse	cutive day	s early in th	e growing	g season.			

Project/Site: <u>Desert Claim</u>	(	City/County: Kit		Sampling Date: 7/11/17
Applicant/Owner: <u>EDF</u>	8	State: <u>WA</u>	:	Sampling Point: GA-SP-82
Investigator(s): SM, CW, CC; Grette Associates			<del>-</del>	<u>9</u> Township: <u>19</u> Range: <u>18</u>
Landform (hillslope, terrace, etc.): Slope			<sup>-</sup> elief (concave⊠, convex⊡, n	
Subregion (LRR): <u>B</u>			<u>'.11887</u> Long: <u>-120.64132</u>	Datum: NAD83(11)
Soil Map Name: Sketter-Millhouse-Lablue comple			_	NWI Classification:
Are climatic/hydrologic conditions on the site typi				
Are Vegetation ☐ Soil ☐, or Hydrology ☐ signif	-		Are "Normal Circumstance	es" present? Yes ⊠ No 🗌
Are Vegetation ☐ Soil ☐, or Hydrology ☐ signil	icantly problem	atic? (If needed	d, explain in Remarks)	
SUMMARY OF FINDINGS – Attach site ma	ap showing s	ampling poi	nt locations, transects, im	portant features, etc.
Hydrophytic vegetation present? Ye	s 🛛 No 🗌			
Hydric soils present? Ye	s 🛛 No 🗌	Is the san	npled area within a wetland?	Yes ⊠ No □
Wetland hydrology present? Ye	s 🛛 No 🗌	lo tilo ouil	ipiou urou witimi u wotiunu.	100 🖾 110 🗀
Remarks: R82; formerly datasheet GA-82-1		I		
VEGETATION – Use scientific names of p				
Tree Stratum (Plot size:	Absolute Dom		Dominance Test worksheet:	
	% Cover Spec	sies? Status	Number of Dominant Species	
1			that are OBL, FACW, or FAC:	<u>1 (A)</u>
2			Total Number of Dominant	
3 4			Species Across All Strata:	<u>1 (B)</u>
			Percent of Dominant Species	
	= 10	tal Cover	that are OBL, FACW, or FAC:	100 (A/B)
Sapling/Shrub Stratum (Plot size: )			Prevalence Index worksheet:	
1				
2			Total % Cover of:	Multiply by:
3			OBL species	x 1 =
4			FACW species	x 2 =
5			FAC species	x 3 = x 4 =
	= To	tal Cover	UPL species	x 5 =
Herb Stratum (Plot size: )			Column Totals (A)	(B)
1. Juncus balticus.	<u>35</u> <u>Y</u>	<u>FACW</u>	( )	
2			Prevalence index	x = B/A =
3			Hydrophytic Vegetation indica	
4			☐ Dominance Test is >50%	
5			☐ Prevalence Index is ≤3.0¹	
6 7				
8.		<u> </u>	Morphological Adaptations <sup>1</sup> (Remarks or on a sep	
O		tal Cover	☐ Problematic Hydrophytic Veg	,
	<u>50</u> = To	lai Covei		. , ,
Woody Vine Stratum (Plot size: )			<sup>1</sup> Indicators of hydric soil and wet present, unless disturbed or prob	
1			present, unless distarbed of pro-	Joinulo.
2				
	= To	tal Cover	Hydrophytic vegetation pre	esent? Yes 🛛 No 🗌
% Bare Ground in Herb Stratum 5 % Cov	er of Biotic Crust			
Remarks: Unidentified species at low coverage	not included		L	

		ribe to the				licator or	confirm the absen	ce of indicators.)		
Depth (inches)	Matrix Color (moist)	%	Color (moist)	Redox Fea		Loc <sub>2</sub>	 Texture	Domostro		
(inches) 0-12	10YR 3/2	·	Color (moist)	70	Type₁	LUC2	<del>-</del>	Remarks		
0-12	101K 3/2	100					Silty clay			
1T.ma. C. C	on controtion. D	Donletion	DM Doduced	motriu CC	Covered o	. Cooted	Sand Crains 2 Las	cation: PL=Pore linings; M=Matrix		
Type: C=C	concentration, D	=Depletion;	RIVI=Reduced	mainx, CS	=Covered o	or Coaled	Sand Grains. Loc	cation. PL=Pore linings, M=Matrix		
Hydric Soi	Is Indicators: (/	Applicable	to all LRRs, u	nless othe	erwise note	d.)	Indicators for	r Problematic Hydric Soils <sup>3</sup> :		
☐ Histosol	I (A1)		☐ Sa	ndy Redox	x (S5)		☐ 1 cm Muck	(A9) ( <b>LRR C</b> )		
☐ Histic E	pipedon (A2)		☐ St	ripped Mat	rix (S6)		☐ 2 cm Muck (A10) ( <b>LRR B</b> )			
☐ Black H	istic (A3)		☐ Lo	amy Muck	y Material (F	=1)	Reduced Vertic (F18)			
☐ Hydroge	en Sulfide (A4)		☐ Lo	amy Gleye	ed Matrix (F2	2)	☐ Red Paren	nt Material (TF2)		
☐ Stratifie	d Layers (A5) ( <b>L</b>	RR C)	☐ De	pleted Ma	trix (F3)		Other (Exp	olain in Remarks)		
1 cm Mu	uck (A9) (LRR D	)	<del></del>		Surface (F6)	,				
☐ Depleted Below Dark Surface (A11) ☐ Depleted Dark Surface (F7)										
☐ Thick Dark Surface (A12) ☐ Redox Depressions (F8) ☐ Search Muslim Material (C1) ☐ Vernal Reals (F8) ☐ Vernal Reals (F8)										
-	Mucky Material (	•	□ Ve	rnal Pools	(F9)			ent, unless disturbed or problematic.		
☐ Sandy Gleyed Matrix (S4)										
Restrictive	Layer (if present	t):								
Type:							Hudria Saila Bras	ont? Voc M No 🗆		
• •	——————————————————————————————————————						nyuric Solis Fres	ent? Yes ⊠ No □		
Depth (inches):										
Remarks:	Photos 1438,	1439; pres	sumed hydric	based or	n indication	s of inur	ndation/saturation i	in wet season		
HYDROL										
	ydrology Indica dicators (minimu		guired: check a	ll that appl	V			Secondary Indicators (2 or more required)		
	Water (A1)			Salt Crust				☐ Water Marks (B1) (Riverine)		
☐ High Wa	ater Table (A2)			Biotic Cru	st (B12)		☐ Sediment Deposits (B2) (Riverine)			
☐ Saturati	on (A3)			Aquatic In	vertebrates	(B13)		☐ Drift Deposits (Riverine)		
	larks (B1) ( <b>Non</b> i				Sulfide Odd			☐ Drainage Patterns (B10)		
	nt Deposits (B2)	•	*			•	, ,	☐ Dry-Season Water Table (C2)		
	posits (B3) ( <b>Non</b>				of Reduced			☐ Crayfish Burrows (C8)		
	Soil Cracks (B6				on Reduction			Saturation Visible on Aerial Imagery (C9)		
	ion Visible on Ae	• .	/ (B7)		k Surface (C	,		Shallow Aquitard (D3)		
☐ Water-S	Stained Leaves (	B9)		Other (Ex	plain in Rem	narks)		FAC-Neutral Test (D5)		
Field Obse	ervations									
Surface Wa	ater Present?	Υe	es 🗌 No 🛛 De	epth (in.) _						
Water Tabl	e Present?	Υe	es 🗌 No 🔯 De	epth (in.)		,	Wetland Hydrology	Present? Yes ⊠ No □		
Saturation			es 🗌 No 🖾 De							
	apillary fringe)	16	2   NO   DE	:piii (iii.) _						
-		tream gaug	e monitoring w	ell aerial	nhotos prev	/ious insp	ections), if available:			
DOSONDO IX	Data (3	Jan gaug	c, mornioning v	on, aonai	r.10.00, pre	IIIOP	cononoj, ii avaliable.			
Remarks:										

Project/Site: <u>Desert Claim</u>		-	-	titas County	Sampling Date: 7/10/17
Applicant/Owner: <u>EDF</u>		Stat	e: <u>WA</u>		Sampling Point: GA-SP-83
Investigator(s): SM, CW; Grette Associates				——————————————————————————————————————	<u>8</u> Township: <u>19</u> Range: <u>18</u>
Landform (hillslope, terrace, etc.): Slope				relief (concave⊠, convex⊡, n	· · · · · —
Subregion (LRR): B			Lat: <u>47</u>	7.14012 Long: <u>-120.62755</u>	Datum: <u>NAD83(11)</u>
Soil Map Name: Reelow-Reeser-Sketter complex,			<b></b> 5	<b>7</b>	NWI Classification:
Are climatic/hydrologic conditions on the site typic			/ear? Yes ⊵		
Are Vegetation ☐ Soil ☐, or Hydrology ☐ signific Are Vegetation ☐ Soil ☐, or Hydrology ☐ signific	-		:? (If needed	Are "Normal Circumstance d, explain in Remarks)	es″ present? Yes ⊠ No ∐
SUMMARY OF FINDINGS – Attach site ma	p show	ing sam	pling poi	nt locations, transects, im	portant features, etc.
Hydrophytic vegetation present? Yes	S ⊠ No [				
Hydric soils present? Yes	S ⊠ No [		le the can	npled area within a wetland?	Yes □ No □
Wetland hydrology present? Yes	s ⊠ No [		is the sail	ipied area within a wetiand?	Tes   NO
Remarks: R116; formerly datasheet GA-116-1					
photos 1446 - 1447					
VEGETATION – Use scientific names of pl	ants				
•	Absolute		nt Indicator	Dominance Test worksheet:	
Tree Stratum (Plot size:	% Cover	Species	? Status	Number of Dominant Species	
1				that are OBL, FACW, or FAC:	<u>0 (A)</u>
2				Total Number of Dominant	<del></del>
3				Species Across All Strata:	<u>1 (B)</u>
4				Percent of Dominant Species	<u>· (5)</u>
		= Total C	Cover	that are OBL, FACW, or FAC:	<u>0 (A/B)</u>
Sapling/Shrub Stratum (Plot size: )				Prevalence Index worksheet:	
1					
2				Total % Cover of:	Multiply by:
3				OBL species	x 1 =
4				FACW species	x 2 =
5				FAC species	x 3 =
		= Total C	Cover	FACU species	x 4 =
Herb Stratum (Plot size: )				UPL species	x 5 =
1. <u>Camassia quamash</u>	<u>10</u>	<u>N</u>	<u>FACW</u>	Column Totals(A)	(B)
2. Bromus tectorum	60	<u>Y</u>	NL		D/A
3. Agrostis capillaris	<u>10</u>	<u>N</u>	FAC	Prevalence inde	·
4. <u>Allium cernuum</u>	<u>5</u>	N	FACU	Hydrophytic Vegetation indica	itors:
5. <u>Epilobium brachycarpum</u>	<u>5</u>	<u>N</u>	<u>NL</u>	☐ Dominance Test is >50%	
6				☐ Prevalence Index is ≤3.0¹	
7				☐ Morphological Adaptations¹	(provide supporting data in
8				Remarks or on a sep	arate sheet)
	<u>100</u>	= Total C	Cover	☑ Problematic Hydrophytic Veg	` ' '
Woody Vine Stratum (Plot size: )  1				<sup>1</sup> Indicators of hydric soil and wet present, unless disturbed or prol	
2					
<del></del>		= Total 0	Cover	Hydrophytic vegetation pre	scent? Vec M No 🗆
N.D. 0. 11. 11. 10. 1				Hydrophytic vegetation pre	sent res 🖂 No 🗀
	over of E	Biotic Crus	ι		
Remarks: Presumed seasonal vegetation					

Profile De	scription: (Desc	ribe to the	depth needed	to docun	nent the ind	icator o	r confirm the abse	nce of indicators.)			
Depth	Matrix		<u>F</u>	Redox Fea							
(inches)	Color (moist)	% 	Color (moist)	% 	Type₁	Loc <sub>2</sub>	Texture	Remarks			
0-16+	10YR 3/2	95	10YR 4/6	5	С	m	silt	loam			
						-					
								ocation: PL=Pore linings; M=Matrix			
Hydric Soi	ils Indicators: (/	Applicable	to all LRRs, un	less othe	erwise noted	d.)	Indicators for	or Problematic Hydric Soils <sup>3</sup> :			
☐ Histoso	I (A1)		☐ Sar	ndy Redox	k (S5)		1 cm Muc	ck (A9) (LRR C)			
☐ Histic E	☐ Histic Epipedon (A2) ☐ Stripped Matrix (S6)						2 cm Muc	ck (A10) ( <b>LRR B</b> )			
☐ Black H	istic (A3)		☐ Loa	amy Muck	y Material (F	1)	☐ Reduced	Vertic (F18)			
☐ Hydroge	en Sulfide (A4)		☐ Loa	amy Gleye	ed Matrix (F2	2)	Red Parent Material (TF2)				
☐ Stratifie	d Layers (A5) ( <b>L</b>	RR C)	☐ De <sub>l</sub>	pleted Ma	trix (F3)		☐ Other (Explain in Remarks)				
☐ 1 cm M	uck (A9) (LRR D	))	⊠ Red	dox Dark	Surface (F6)						
□ Deplete	d Below Dark Su	urface (A11)	) ☐ De <sub>l</sub>	pleted Da	rk Surface (F	<del>-</del> 7)					
☐ Thick D	ark Surface (A12	2)	☐ Red	dox Depre	essions (F8)		31 1' 1	Charles where the consense to Consense allowed by a death and			
☐ Sandy I	Mucky Material (	S1)	☐ Ver	rnal Pools	(F9)			f hydrophytic vegetation and wetland hydrology sent, unless disturbed or problematic.			
☐ Sandy (	Gleyed Matrix (S	4)					must be proc	orn, amood distanced or prosionidate.			
Restrictive	Layer (if present	t):									
Type:	_						Hydric Soils Pre	sent? Yes ⊠ No □			
Depth (inch	nes):										
Remarks:	photo 1445										
	•										
HYDROI	OGV										
	ydrology Indica	ators									
Primary Inc	dicators (minimu							Secondary Indicators (2 or more required)			
	Water (A1)			Salt Crust	, ,		☐ Water Marks (B1) (Riverine)				
_	ater Table (A2)			Biotic Cru				Sediment Deposits (B2) (Riverine)			
☐ Saturati					vertebrates			☐ Drift Deposits ( <b>Riverine</b> )			
	/larks (B1) ( <b>Non</b> i			-	Sulfide Odd			☑ Drainage Patterns (B10)			
	nt Deposits (B2)	•	•			_	Living Roots (C3)	☐ Dry-Season Water Table (C2)			
	posits (B3) ( <b>No</b> n				of Reduced			☐ Crayfish Burrows (C8)			
	Soil Cracks (B6			Recent Iro	on Reduction	n in Tilled	d Soils (C6)	☐ Saturation Visible on Aerial Imagery (C9)			
	ion Visible on Ae				c Surface (C			☐ Shallow Aquitard (D3)			
☐ Water-S	Stained Leaves (	B9)		Other (Ex	plain in Rem	arks)		☐ FAC-Neutral Test (D5)			
Field Obse	ervations										
Surface Wa	ater Present?	Υe	es 🗌 No 🛭 De	pth (in.) _	<u> </u>						
Water Tabl	e Present?	Υe	es 🗌 No 🛭 De	pth (in.) _			Wetland Hydrolog	y Present? Yes ⊠ No □			
	Saturation Present? Yes No Depth (in.) (includes capillary fringe)										
Describe R	ecorded Data (s	tream gaug	e, monitoring w	ell, aerial	photos, prev	ious insp	pections), if available	9:			
Б .											
Remarks:	Presumed base	d on landsc	ape position an	d season							

Hydric soils present? Yes	cal for this cantly dis cantly pro	State  % slopes s time of y sturbed? oblematic ing sam	Local r Lat: <u>47</u> rear? Yes [2 ? (If needed	Section: <u>1</u> relief (concave⊠, convex⊡, r <u>7.14106</u> Long: <u>-120.63560</u> ☑ No □ (If no, explain in Rem Are "Normal Circumstance, explain in Remarks)	Datum: NAD83(11) NWI Classification: narks) es" present? Yes ⊠ No □  nportant features, etc.
VEGETATION – Use scientific names of p	lante				
	Absolute	Dominan		Dominance Test worksheet:	
<u>Tree Stratum</u> (Plot size: )  1 2	% Cover	Species?	Status	Number of Dominant Species that are OBL, FACW, or FAC:	<u>0 (A)</u>
3				Total Number of Dominant Species Across All Strata:	<u>2 (B)</u>
4 Sapling/Shrub Stratum (Plot size: )		= Total C	cover	Percent of Dominant Species that are OBL, FACW, or FAC:  Prevalence Index worksheet:	<u>0 (A/B)</u>
1				i revalence index worksheet.	
2				Total % Cover of:	Multiply by:
3				OBL species	x 1 =
4				FACW species	x 2 =
5				FAC species	x 3 =
		= Total C	over	FACU species	x 4 =
Herb Stratum (Plot size: )				UPL species	x 5 =
1. Festuca idahoensis	<u>50</u>	<u>Y</u>	FACU	Column Totals(A)	(B)
2. Allium cernuum	20	<u>·</u> <u>Y</u>	FACU		D/4
3. Epilobium brachycarpum	<u>10</u>	<u>N</u>	NL	Prevalence inde	<u> </u>
4. <u>Achillea millefolium</u>	<u>5</u>	<u>N</u>	<u>FACU</u>	Hydrophytic Vegetation indica	ators:
5. <u>Camassia quamash</u>	<u>5</u>	<u>N</u>	<u>FACW</u>	☐ Dominance Test is >50%	
6				☐ Prevalence Index is ≤3.0 <sup>1</sup>	
7 8				☐ Morphological Adaptations <sup>1</sup> Remarks or on a sep	(provide supporting data in parate sheet)
	<u>90</u>	= Total C	over	☑ Problematic Hydrophytic Ve	getation <sup>1</sup> (explain)
Woody Vine Stratum (Plot size: )  1.				<sup>1</sup> Indicators of hydric soil and we present, unless disturbed or pro	
2.					
		= Total C	over	Hydrophytic vegetation pro	esent? Yes ⊠ No □
% Bare Ground in Herb Stratum %	Cover of E	Biotic Crust	: <u>10</u>		
Remarks: Presumed seasonal hydrophytic vege	tation ba	sed on so	ils and hyd	rologic indicators	
			ž		

		ribe to the				licator or	r confirm the abse	nce of indicators.)
Depth (inches)	Matrix Color (moist)	%	Color (moist)	Redox Fea	atures Type1	Loc <sub>2</sub>	 Texture	Remarks
0-8	10YR 3/2	100		70	Type		silt	loam
8-12	10YR 3/2	90	7.5 YR 4/6	10	С	m	siltly loam	- Iodini
12+	10YR 3/3	100						
1								
Type: C=0	Concentration; D	=Depletion;	RM=Reduced r	matrix; CS	=Covered o	r Coated	Sand Grains. Lo	ocation: PL=Pore linings; M=Matrix
Hydric Soi	ils Indicators: (A	Applicable	to all LRRs, un	less othe	rwise note	d.)	Indicators fo	or Problematic Hydric Soils³:
☐ Histoso	I (A1)		☐ Sai	ndy Redox	k (S5)		1 cm Muc	ck (A9) ( <b>LRR C</b> )
☐ Histic Epipedon (A2) ☐ Stripped Matrix (S6) ☐ 2 cm Muck (A10) (LRR B)							, , , , ,	
 ☐ Black H					y Material (F	<del>-</del> 1)	☐ Reduced	
	en Sulfide (A4)				ed Matrix (F2			nt Material (TF2)
	d Layers (A5) ( <b>L</b>	RR C)		pleted Ma		,		plain in Remarks)
	uck (A9) (LRR D				Surface (F6)	)	_	,
	d Below Dark Su				rk Surface (I			
-	ark Surface (A12				ssions (F8)	,		
	Mucky Material (			nal Pools				hydrophytic vegetation and wetland hydrology
-	Gleyed Matrix (S	,	_		` '		must be pres	sent, unless disturbed or problematic.
	Layer (if present						1	
	, , ,	.).						
Type: hard	- <u></u>						Hydric Soils Pre	sent? Yes ⊠ No □
Depth (inch	nes): <u>12</u>							
Remarks:								
HYDROI								
	ydrology Indica dicators (minimur		nuired: check al	I that anni	V			Secondary Indicators (2 or more required)
Surface	Water (A1)	II OI OIIC ICC		Salt Crust				☐ Water Marks (B1) (Riverine)
☐ High W	ater Table (A2)		$\boxtimes$	Biotic Cru	st (B12)			☐ Sediment Deposits (B2) (Riverine)
☐ Saturati	on (A3)			Aquatic In	vertebrates	(B13)		☐ Drift Deposits (Riverine)
☐ Water N	Marks (B1) (Nonr	iverine)		Hydrogen	Sulfide Odd	or (C1)		☑ Drainage Patterns (B10)
	nt Deposits (B2)		ne)	Oxidized I	Rhizosphere	es along L	Living Roots (C3)	☐ Dry-Season Water Table (C2)
	posits (B3) (Non				of Reduced			☐ Crayfish Burrows (C8)
	Soil Cracks (B6	•		Recent Iro	on Reduction	n in Tilled	Soils (C6)	☐ Saturation Visible on Aerial Imagery (C9)
	ion Visible on Ae	•			c Surface (C		` '	☐ Shallow Aquitard (D3)
	Stained Leaves (I	0,	` ' —		plain in Rem	,		☐ FAC-Neutral Test (D5)
Field Obse	ervations				-			
Surface Wa	ater Present?	Υe	es 🗌 No 🔯 De	pth (in.)				
Water Tabl	e Present?		es □ No ⊠ De			,	Wetland Hydrolog	y Present? Yes ⊠ No □
Saturation								
	apillary fringe)	Y 6	es □ No ⊠ De	pui (in.) _				
Describe R	ecorded Data (s	tream gaug	e, monitoring w	ell, aerial	photos, prev	vious insp	ections), if available	e:
Dame								
Remarks:								

Project/Site: Desert Claim		-	-	Kittitas County Sampling Date: 7/10			
Applicant/Owner: <u>EDF</u>		Stat	e: <u>WA</u>	<del>-</del>			
Investigator(s): SM, CW; Grette Associates					<u>8</u> Township: <u>19</u> Range: <u>18</u>		
Landform (hillslope, terrace, etc.): Slope/swale				elief (concave⊠, convex⊡, n	· · · · · · · · · · · · · · · · · · ·		
Subregion (LRR): <u>B</u>			Lat: <u>47</u>	<u>.13858</u> Long: <u>-120.64551</u>	Datum: NAD83(11)		
Soil Map Name: Millhouse-Metser complex, 0 to 5					NWI Classification:		
Are climatic/hydrologic conditions on the site typic			/ear?Yes ∑				
Are Vegetation ☐ Soil ☐, or Hydrology ☐ signifi				Are "Normal Circumstance	es" present? Yes ⊠ No 🗌		
Are Vegetation ☐ Soil ☐, or Hydrology ☐ signifi	cantly pro	oblematio	:? (If needed	d, explain in Remarks)			
SUMMARY OF FINDINGS – Attach site ma	p show	ing sam	pling poir	nt locations, transects, im	portant features, etc.		
	s 🛛 No [						
Hydric soils present? Yes	s 🛛 No [		Is the sam	npled area within a wetland?	Yes ⊠ No □		
Wetland hydrology present? Yes	s 🖾 No [		io tino oun	.p.ou a.ou m u nonanu.			
Remarks: R139; formerly datasheet GAX-1							
photos 1451 - 1452							
VECETATION . He a cientific nomes of m	lanta						
VEGETATION – Use scientific names of p		Dominar	nt Indicator	Dominance Test worksheet:			
Tree Stratum (Plot size: )		Species'		Number of Deminent Chasins			
1				Number of Dominant Species that are OBL, FACW, or FAC:	4 (4)		
2					<u>1 (A)</u>		
3				Total Number of Dominant	- (-)		
4				Species Across All Strata:	<u>3 (B)</u>		
		= Total C	Cover	Percent of Dominant Species that are OBL, FACW, or FAC:	33 (A/B)		
Sapling/Shrub Stratum (Plot size: )				Prevalence Index worksheet:	<u>33 (A/B)</u>		
1				Frevalence index worksheet.			
2				Total % Cover of:	Multiply by:		
3				OBL species	x 1 =		
4				FACW species 35	x 2 = <u>70</u>		
5				FAC species 5	x 3 = <u>15</u>		
		= Total 0	:nver	FACU species 30	x 4 = 120		
Harb Chrotism (Diet eines		- rotar c	)OVC1	UPL species 22	<b>x</b> 5 = <u>110</u>		
Herb Stratum (Plot size: )				Column Totals 92 (A)	<u>31531 (</u> B)		
1. <u>Juncus baltimus</u>	<u>20</u>	<u>Y</u>	<u>FACW</u>				
2. <u>Festuca idahoensis</u>	<u>20</u>	<u>Y</u>	<u>FACU</u>	Prevalence inde	ex = B/A = 3.4		
3. <u>Cryptantha flava</u>	<u>20</u>	<u>Y</u>	NL EA OVA	Hydrophytic Vegetation indica	tors:		
4. <u>Camassia quamash</u>	<u>15</u>	<u>N</u>	FACW	☐ Dominance Test is >50%			
5. Lomatium nudicaule	<u>10</u>	<u>N</u>	FACU	☐ Prevalence Index is ≤3.0¹			
6. <u>Perideridia gairdneri</u>	<u>5</u>	<u>N</u>	<u>FAC</u>	_			
7. <u>Epilobium brachycarpum</u> 8	<u>2</u>	<u>N</u>	<u>NL</u>	☐ Morphological Adaptations¹ ( Remarks or on a sepa			
	92	= Total (	Cover	☑ Problematic Hydrophytic Veg	getation <sup>1</sup> (explain)		
Woody Vine Stratum (Plot size: )				<sup>1</sup> Indicators of hydric soil and wet	land hydrology must be		
1				present, unless disturbed or prob	plematic.		
2							
		= Total C	Cover	Hydrophytic vegetation pre	esent? Yes 🖾 No 🗀		
% Bare Ground in Herb Stratum 8 % Cove	er of Biotic		,0101	Tryarophytio regotation pro			
Remarks: Presumed seasonal hydrophytic vege			icit and cat	ting in a drainage swele			
Tremaiks. Fresumeu seasonal hydrophytic vege	tauun uu	e io sile i	visit allu Set	ung in a urainage swale			

Profile Des	scription: (Desc	ribe to the	depth needed	to docum	nent the indi	icator or	confirm the abser	nce of indicators.)			
Depth	Matrix_			Redox Fea				Demode			
(inches)	Color (moist)	%	Color (moist)	%	Type <sub>1</sub>	Loc <sub>2</sub>	Texture	Remarks			
0-10	10YR 3/2	100					loam	very rocky			
····											
Type: C=C	Concentration; D	=Depletion;	RM=Reduced n	natrix; CS	=Covered or	Coated	Sand Grains. <sup>2</sup> Lo	cation: PL=Pore linings; M=Matrix			
Hydric Soi	Is Indicators: (A	Applicable	to all LRRs, un	less othe	rwise noted	l.)	Indicators fo	r Problematic Hydric Soils <sup>3</sup> :			
☐ Histosol	(A1)		∏ Sar	ndy Redox	(S5)		☐ 1 cm Muc	k (A9) ( <b>LRR C</b> )			
	pipedon (A2)			pped Mati				k (A10) (LRR B)			
 ☐ Black H					y Material (F	1)	Reduced Vertic (F18)				
	en Sulfide (A4)				ed Matrix (F2		Red Parent Material (TF2)				
	d Layers (A5) ( <b>L</b>	RR C)		oleted Mat		,		olain in Remarks)			
	uck (A9) (LRR D				Surface (F6)			,			
	d Below Dark Su		☐ Dep	oleted Dar	k Surface (F	7)					
☐ Thick D	ark Surface (A12	2)			ssions (F8)						
☐ Sandy N	Mucky Material (	S1)	☐ Ver	nal Pools	(F9)			hydrophytic vegetation and wetland hydrology ent, unless disturbed or problematic.			
☐ Sandy 0	Gleyed Matrix (Se	4)					must be pres	ent, unless disturbed of problematic.			
Postrictivo	Layer (if present	٠١٠									
	, , ,	.).									
Type: large	<u>cobble</u>						Hydric Soils Pres	sent? Yes ⊠ No □			
Depth (inch	nes): <u>10</u>										
Remarks:	photo 1450; p	resumed s	aturated >14	consecut	ive days						
HYDROL	_OGY										
	ydrology Indica										
	dicators (minimur Water (A1)	m of one red		that appl Salt Crust				Secondary Indicators (2 or more required)  Water Marks (B1) (Riverine)			
	ater Table (A2)			Biotic Crus	, ,		Sediment Deposits (B2) (Riverine)				
☐ Saturati	, ,				vertebrates (	(B13)		☐ Drift Deposits (Riverine)			
	arks (B1) ( <b>Nonr</b>	riverine)		•	Sulfide Odo	. ,		☐ Drainage Patterns (B10)			
	nt Deposits (B2)					. ,	iving Roots (C3)	☐ Dry-Season Water Table (C2)			
	posits (B3) ( <b>Non</b>	•			of Reduced			☐ Crayfish Burrows (C8)			
	Soil Cracks (B6				n Reduction			☐ Saturation Visible on Aerial Imagery (C9)			
	on Visible on Ae	•			Surface (C		( /	☐ Shallow Aquitard (D3)			
	Stained Leaves (I				plain in Rem	,		FAC-Neutral Test (D5)			
Field Obse		<u> </u>				<u> </u>		. ,			
Surface Wa	ater Present?	Ye	es □ No ⊠ Dep	oth (in )							
Water Tabl			es 🗌 No 🛭 Dep			,	Wetland Hydrology	r Present? Yes ⊠ No □			
							, , , , , ,				
Saturation (includes ca	Present? apillary fringe)	Υe	es 🗌 No 🖾 Dep	oth (in.)	<del></del>						
-		·		III and a	-1		antina) (formalist)				
Describe R	ecoraea Data (s	ıream gaug	e, monitoring we	əıı, aerial p	pnotos, previ	ous insp	ections), if available	<u>:</u>			
Remarke:	low bench on in:	side hand a	f channel								
nomans.	TOW DOLLOTT OIT III	oide b <del>e</del> lla 0									

Project/Site: Desert Claim		City	/County: Ell	ensburg/Kittitas County	Sampling Date: 11-7-17
Applicant/Owner: <u>EDF</u>		Stat	te: <u>WA</u>		Sampling Point: GA-SP-86
Investigator(s): JD; Grette Associates				_	<u>80</u> Township: <u>19</u> Range: <u>18</u>
Landform (hillslope, terrace, etc.): Hillslope/toe				relief (concave⊡, convex⊠, n	· · · · · —
Subregion (LRR): <u>B</u>				7.10531° Long: -120.62399°	Datum: NAD83(2011)
Soil Map Name: Reelow-Reeser-Lablue complex					
Are climatic/hydrologic conditions on the site typ					
Are Vegetation ☐ Soil ☐, or Hydrology ☐ sign	-				es" present? Yes 🛛 No 🗌
Are Vegetation ☐ Soil ☐, or Hydrology ☐ sign	ficantly pro	oblemation	c? (If neede	d, explain in Remarks)	
SUMMARY OF FINDINGS – Attach site m			pling poi	nt locations, transects, im	portant features, etc.
	es 🗌 No 🏻				
Hydric soils present?	es 🗌 No 🏻	$\boxtimes$	Is the san	npled area within a wetland?	Yes □ No ⊠
Wetland hydrology present?	es 🗌 No 🏻	$\boxtimes$			
Remarks: R405 and R406; formerly datasheet	GA-SP-2x	х			
VEGETATION – Use scientific names of		Domina	nt Indicator	Dominance Test worksheet:	
Tree Stratum (Plot size:30')		Species			
1				Number of Dominant Species	
2				that are OBL, FACW, or FAC:	<u>1 (A)</u>
3				Total Number of Dominant	
4				Species Across All Strata:	<u>4 (B)</u>
		= Total (	Cover	Percent of Dominant Species	
Cooling/Chruh Stratum (Diet cizo:15')		. otal		that are OBL, FACW, or FAC:	<u>25% (A/B)</u>
Sapling/Shrub Stratum (Plot size:15')		.,	=	Prevalence Index worksheet:	
1. Rosa woodsii	<u>20</u>	<u>Y</u>	<u>FACU</u>	Total 9/ Occasion of	Maddalada
2				Total % Cover of:	Multiply by:
3 4				OBL species	x 1 = x 2 =
5				FAC species	x 3 =
<u> </u>		= Total (		FACU species	x 4 =
		= Total (	Covei	UPL species	x 5 =
Herb Stratum (Plot size:5')				Column Totals (A)	(B)
1. Medicago sativa	<u>*</u>	<u>Y</u>	<u>UPL</u>		
2. <u>Achillea millefolium</u>	<u>*</u>	<u>Y</u>	<u>FACU</u>	Prevalence inde	x = B/A =
3. <u>Festuca sp.</u>	<u>*</u>	<u>Y</u>	FAC**	Hydrophytic Vegetation indica	ntors:
4				☐ Dominance Test is >50%	
5 6				Prevalence Index is ≤3.0 <sup>1</sup>	
7				l —	formatida accompanii an data in
8.				☐ Morphological Adaptations <sup>1</sup> Remarks or on a sep	
<u> </u>	· <del></del>	= Total (	Cover	☐ Problematic Hydrophytic Ve	,
Woody Vine Stratum (Plot size: )		. otal		<sup>1</sup> Indicators of hydric soil and wet	,
, , , ,				present, unless disturbed or prol	
1					
2					
		= Total (	Cover	Hydrophytic vegetation pre	esent? Yes ∐ No ⊠
% Bare Ground in Herb Stratum %	6 Cover of E	Biotic Crus	st		
Remarks: *Percent cover could not be accurate	ely estimat	ted due to	o presence	of snow; **Could not be identif	ied to species; presumed
indicator status					

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth	Matrix_			Redox Fea	atures						
(inches)	Color (moist)	%	Color (moist)	%	Type₁	Loc <sub>2</sub>	Texture	Remarks			
0-16	10YR 3/2	100					Silt loam				
						ļ					
Type: C=0	i Concentration; D:	: =Depletion:	EM=Reduced	i matrix: CS	=Covered o	r Coated	Sand Grains <sup>2</sup> Lo	ocation: PL=Pore linings;	M=Matrix		
• •								<b>3</b> .			
Hydric So	ils Indicators: (A	Applicable	to all LRRs, ur	iless othe	rwise noted	d.)	Indicators fo	or Problematic Hydric S	oils³:		
☐ Histoso	Ι (Λ1)		Пел	ndy Redox	(95)		□ 1 cm Muc	ck (A9) ( <b>LRR C</b> )			
	` '			-	. ,			, , , ,			
	pipedon (A2)			ipped Mat	, ,			ck (A10) ( <b>LRR B</b> )			
☐ Black H	` '				y Material (F		☐ Reduced	, ,			
☐ Hydroge	en Sulfide (A4)		☐ Lo	amy Gleye	d Matrix (F2	2)	☐ Red Pare	nt Material (TF2)			
☐ Stratifie	d Layers (A5) (L	RR C)	☐ De	pleted Mat	trix (F3)		☐ Other (Ex	plain in Remarks)			
☐ 1 cm M	uck (A9) ( <b>LRR D</b>	)	□Re	dox Dark S	Surface (F6)						
	ed Below Dark Su		П Де	pleted Dar	k Surface (F	<del>-</del> 7)					
	ark Surface (A12	, ,		•	ssions (F8)	- /					
	`	,					3Indicators of	hydrophytic vegetation a	and wetland hydrology		
-	Mucky Material (		⊔ ve	rnal Pools	(F9)			sent, unless disturbed or p			
☐ Sandy (	Gleyed Matrix (Se	4)									
Restrictive	Layer (if present	):									
	_a, c. ( p. ccc	,.									
Type:	<u> </u>						Hydric Soils Pres	sent?Yes 🗌 No 🛛			
Depth (incl	nes):										
Remarks:											
ixemaiks.											
HYDROI	LOGY										
	lydrology Indica										
	dicators (minimur	m of one red						Secondary Indicators (2	or more required)		
	Water (A1)			Salt Crust	, ,			☐ Water Marks (B1) (R	,		
☐ High W	ater Table (A2)			Biotic Cru	st (B12)		☐ Sediment Deposits (B2) (Riverine)				
☐ Saturati	ion (A3)			Aquatic In	vertebrates	(B13)	☐ Drift Deposits (Riverine)				
☐ Water N	Marks (B1) (Nonr	iverine)		Hydrogen	Sulfide Odo	r (C1)	Drainage Patterns (B10)				
☐ Sedime	ent Deposits (B2)	(Nonriveri	ne) $\square$	Oxidized F	Rhizosphere	s alona l	iving Roots (C3)	☐ Dry-Season Water T	able (C2)		
	posits (B3) (Non	•	•		of Reduced	-	• , ,	☐ Crayfish Burrows (C			
	Soil Cracks (B6)	•			n Reduction	•	•	☐ Saturation Visible on	•		
							3011S (CO)				
	ion Visible on Ae		` '		Surface (C			☐ Shallow Aquitard (D3	′		
∐ Water-S	Stained Leaves (I	39)	Ш	Other (Exp	plain in Rem	arks)		☐ FAC-Neutral Test (D	5)		
Field Obse	ervations										
Surface Wa	ater Present?	Ye	es 🗌 No 🔲 De	nth (in )							
							Wetland Hydrolog	y Present? Yes 🗌 No 🗵	7		
	le Present?		es 🗌 No 🗌 De				rromana rryanolog,	y : 1000m: 100 🗀 110 🗠	Z		
Saturation		Υe	es 🗌 No 🗌 De	pth (in.)							
(includes c	apillary fringe)										
Describe R	Recorded Data (s	tream gaug	e, monitoring w	ell, aerial ¡	ohotos, prev	ious insp	ections), if available	<b>9</b> :			
Remarks:											
. tomanto.											
1											

Project/Site: Desert Claim		City	/County: Elle	ensburg/Kittitas County	Sampling Date: 11-7-17
Applicant/Owner: <u>EDF</u>		Stat	e: WA	5	Sampling Point: GA-SP-87
Investigator(s): JD; Grette Associates				Section: 30	<u>0</u> Township: <u>19</u> Range: <u>18</u>
Landform (hillslope, terrace, etc.): <u>Hillslope</u>				elief (concave⊠, convex⊡, no	· · · · · · · · · · · · · · · · · · ·
Subregion (LRR): <u>B</u>				.105289° Long: -120.624075°	Datum: NAD83(2011)
Soil Map Name: Reelow-Reeser-Lablue complex,				_	
Are climatic/hydrologic conditions on the site typical					•
Are Vegetation ☐ Soil ☐, or Hydrology ☐ signific	-			Are "Normal Circumstance	s" present? Yes ⊠ No □
Are Vegetation ☐ Soil ☐, or Hydrology ☐ signific	cantly pro	blematic	c? (If needed	d, explain in Remarks)	
SUMMARY OF FINDINGS – Attach site ma	p showi	ng sam	pling poir	nt locations, transects, imp	portant features, etc.
Hydrophytic vegetation present? Yes	⊠ No [				
Hydric soils present? Yes	⊠ No [		Is the sam	pled area within a wetland?	Yes ⊠ No □
1	⊠ No [				
Remarks: R405; formerly datasheet GA-SP-1yy					
VEGETATION – Use scientific names of pl		Domina	nt Indicator	Dominance Test worksheet:	
Tree Stratum (Plot size:30')	% Cover				
1				Number of Dominant Species	
2				that are OBL, FACW, or FAC:	<u>1 (A)</u>
3.				Total Number of Dominant	
4.				Species Across All Strata:	<u>1 (B)</u>
		= Total (	Cover	Percent of Dominant Species	
Sapling/Shrub Stratum (Plot size:15')				that are OBL, FACW, or FAC:	<u>100 (A/B)</u>
				Prevalence Index worksheet:	
1				Total % Cover of:	Multiply by:
2 3		-		OBL species	<u>Multiply by:</u> x 1 =
4				FACW species	x 2 =
5				FAC species	x 3 =
		= Total (	Cover	FACU species	x 4 =
Llowh Ctratum (Diet aizare! )		- rotar c	30101	UPL species	x 5 =
Herb Stratum (Plot size:5')		.,	=.0	Column Totals(A)	(B)
1. <u>Juncus balticus</u>	<u>100</u>	<u>Y</u>	<u>FACW</u>		
2				Prevalence index	: = B/A =
3 4		-		Hydrophytic Vegetation indicat	tors:
5					
6				Prevalence Index is ≤3.0¹	
7				☐ Morphological Adaptations¹ (	provide supporting data in
8				Remarks or on a sepa	
	100	= Total (	Cover	☐ Problematic Hydrophytic Veg	etation1 (explain)
Woody Vine Stratum (Plot size: )				<sup>1</sup> Indicators of hydric soil and wetl	
,				present, unless disturbed or prob	
1 2.		-			
<u> </u>				Hadranbadia an actalian ann	
		= Total (		Hydrophytic vegetation pre	sent? Yes 🖂 No 📋
	Cover of B	iotic Crus	it		
Remarks:					

		ribe to the	-			dicator o	r confirm the abse	nce of indicators.)
Depth (inches)	Matrix Color (moist)	%	Color (moist)	Redox Fea %	atures Type1	Loc <sub>2</sub>	 Texture	Remarks
0-7	2.5Y 3/1	80	7.5YR 3/4	20	С	M	Silt loam	Nemarks
7-15	10YR 4/2	90	10YR 3/4	10	C	M	Silt loam	
						-		
7							2.	
• •								ocation: PL=Pore linings; M=Matrix
Hydric So	ils Indicators: (A	Applicable	to all LRRs, un	less othe	rwise note	ed.)	Indicators for	or Problematic Hydric Soils³:
☐ Histoso	I (A1)		☐ Sai	ndy Redox	(S5)		☐ 1 cm Mud	ck (A9) ( <b>LRR C</b> )
☐ Histic E	pipedon (A2)			ipped Mat			2 cm Mud	ck (A10) (LRR B)
☐ Black H	listic (A3)		☐ Loa	amy Muck	y Material (	F1)	☐ Reduced	Vertic (F18)
☐ Hydrog	en Sulfide (A4)				ed Matrix (F	2)	☐ Red Pare	ent Material (TF2)
☐ Stratifie	d Layers (A5) ( <b>L</b>	RR C)	☐ De	pleted Ma	trix (F3)		Other (Ex	plain in Remarks)
☐ 1 cm M	uck (A9) ( <b>LRR D</b>	)	⊠ Re	dox Dark	Surface (F6	i)		
☐ Deplete	d Below Dark Sเ	ırface (A11)	☐ De	pleted Da	rk Surface (	(F7)		
☐ Thick D	ark Surface (A12	2)	☐ Re	dox Depre	ssions (F8)	)	3ladiantora a	f hydrophytic vegetation and watland hydrology
☐ Sandy I	Mucky Material (	S1)	☐ Vei	rnal Pools	(F9)			f hydrophytic vegetation and wetland hydrology sent, unless disturbed or problematic.
☐ Sandy	Gleyed Matrix (S	4)						,
Restrictive	Layer (if present	):						
Type:	<u> </u>						Hydric Soils Pre	sent? Yes ⊠ No □
Depth (incl	nes):							
Remarks:	•							
Nemarks.								
HYDRO								
	lydrology Indica dicators (minimur		nuired: check al	l that anni	V			Secondary Indicators (2 or more required)
	Water (A1)	ii oi one rec		Salt Crust				Water Marks (B1) (Riverine)
☐ High W	ater Table (A2)			Biotic Cru	st (B12)			Sediment Deposits (B2) (Riverine)
☐ Saturat					vertebrates	(B13)		☐ Drift Deposits (Riverine)
☐ Water N	Marks (B1) ( <b>Nonr</b>	iverine)			Sulfide Od			☑ Drainage Patterns (B10)
	nt Deposits (B2)	•		-			Living Roots (C3)	☐ Dry-Season Water Table (C2)
☐ Drift De	posits (B3) (Non	riverine)			of Reduced	_	=	☐ Crayfish Burrows (C8)
	Soil Cracks (B6				n Reductio			☐ Saturation Visible on Aerial Imagery (C9)
	ion Visible on Ae				Surface (0		, ,	☐ Shallow Aquitard (D3)
	Stained Leaves (I	0,	, ,		plain in Rer	,		☐ FAC-Neutral Test (D5)
Field Obse	ervations	,			•			
Surface W	ater Present?	Υe	es 🗌 No 🖾 De	pth (in.) _				
Water Table Present? Yes ☐ No ☒ Depth (in.) Wetland Hydrology Present? Yes ☒ No ☐								y Present? Yes ⊠ No □
	Saturation Present? Yes No Depth (in.) (includes capillary fringe)							
		tream gaug	e monitoring w	ell aerial	nhotos pre	vious inst	pections), if available	a·
2 COOLIDG IV	Data (5	Jam gaug	o, morniomig w	on, aonai	, pie		. cononoj, ii avaliabli	
Remarks:	Likely contains	wetland hyd	rology during th	ne growing	season du	e to lands	scape position, vege	etation, and hydric soils

Project/Site: <u>Desert Claim</u>		City	/County: Elle	ensburg/Kittitas County	Sampling Date: 11-7-17		
Applicant/Owner: <u>EDF</u>		Stat	e: WA	Sampling Point: GA-SP-88			
Investigator(s): JD; Grette Associates				Section: 3	<u>0</u> Township: <u>19</u> Range: <u>18</u>		
Landform (hillslope, terrace, etc.): Hillslope/toe				elief (concave⊠, convex⊡, n	· · · · · · · · · · · · · · · · · · ·		
Subregion (LRR): <u>B</u>				<u>'.10530°</u> Long: <u>-120.62391°</u>	Datum: NAD83(2011)		
Soil Map Name: Reelow-Reeser-Lablue complex,				<b>.</b>			
Are climatic/hydrologic conditions on the site typic							
Are Vegetation Soil , or Hydrology signific	-			Are "Normal Circumstance	es" present? Yes 🖂 No 🗀		
Are Vegetation ☐ Soil ☐, or Hydrology ☐ signifi	• •		•	•			
SUMMARY OF FINDINGS – Attach site ma	-		pling poir	nt locations, transects, im	portant features, etc.		
	s ⊠ No □						
	s ⊠ No □		Is the sam	npled area within a wetland?	Yes ⊠ No □		
l	s ⊠ No □			•			
Remarks: R406; formerly datasheet GA-SP-1xx							
VEGETATION – Use scientific names of pl				· · · · · · · · · · · · · · · · ·			
Tree Stratum (Plot size:30')	Absolute % Cover		nt Indicator ? Status	Dominance Test worksheet:			
	<u>70 00101</u>	Ороско	. Otatas	Number of Dominant Species			
1 2				that are OBL, FACW, or FAC:	<u>1 (A)</u>		
3				Total Number of Dominant			
4				Species Across All Strata:	<u>1 (B)</u>		
" <del></del>		= Total (	Cover	Percent of Dominant Species			
		= Total C	Jovei	that are OBL, FACW, or FAC:	100 (A/B)		
Sapling/Shrub Stratum (Plot size:15')				Prevalence Index worksheet:			
1							
2				Total % Cover of:	Multiply by:		
3				OBL species	x 1 =		
4 5				FACW species FAC species	x 2 = x 3 =		
				FACU species	x 4 =		
		= Total (	Jover	UPL species	x 5 =		
Herb Stratum (Plot size:5')				Column Totals (A)	(B)		
1. <u>Juncus balticus</u>	<u>100</u>	<u>Y</u>	<u>FACW</u>	, ,			
2				Prevalence index	c = B/A =		
3				Hydrophytic Vegetation indica	tors:		
4							
5				☐ Prevalence Index is ≤3.0 <sup>1</sup>			
6 7							
8.				Morphological Adaptations <sup>1</sup> ( Remarks or on a sep			
o			Cover	☐ Problematic Hydrophytic Veg	,		
		= Total (	Jover		. , ,		
Woody Vine Stratum (Plot size: )				<sup>1</sup> Indicators of hydric soil and wet present, unless disturbed or prob			
1				prosent, uniose distarbed of prot	Joinado.		
2							
		= Total 0	Cover	Hydrophytic vegetation pre	esent? Yes 🛛 No 🗌		
% Bare Ground in Herb Stratum %	Cover of B	iotic Crus	it				
Remarks:				l			
İ							

Profile De	scription: (Desc Matrix	ribe to the		to docur		licator or	confirm the abse	nce of indicators.)
(inches)	Color (moist)	%	Color (moist)	%	Type <sub>1</sub>	Loc <sub>2</sub>	 Texture	Remarks
0-14	2.5Y 3/1	80	7.5YR 3/4	20	С	М	Silt loam	
			ļ		-			
						-		
<sup>1</sup> Type: C=0	Concentration: D	Depletion:	RM=Reduced r	natrix: CS	S=Covered o	r Coated	Sand Grains. <sup>2</sup> Lo	ocation: PL=Pore linings; M=Matrix
	ils Indicators: (							or Problematic Hydric Soils³:
	·	приносые				u.,		•
Histoso	` '			ndy Redo				ck (A9) (LRR C)
	pipedon (A2)			pped Mat				ck (A10) (LRR B)
☐ Black H	` '			-	y Material (I		Reduced	,
	en Sulfide (A4)			-	ed Matrix (F2	2)	<del></del>	nt Material (TF2)
	d Layers (A5) (L			oleted Ma			☐ Other (Ex	plain in Remarks)
	uck (A9) ( <b>LRR D</b>				Surface (F6			
	d Below Dark Su				rk Surface (			
	ark Surface (A12	,			essions (F8)		3Indicators of	f hydrophytic vegetation and wetland hydrology
-	Mucky Material (	•	☐ Ver	nal Pools	s (F9)			sent, unless disturbed or problematic.
☐ Sandy (	Gleyed Matrix (S	4)					•	•
Restrictive	Layer (if present	t):						
Type:							Hvdric Soils Pre	sent? Yes ⊠ No □
Depth (incl	nes):						,	
Remarks:								
HYDROI								
	lydrology Indica		nuired: check al	I that ann	lv			Secondary Indicators (2 or more required)
	Water (A1)	111 01 0110 10		Salt Crus				☐ Water Marks (B1) (Riverine)
☐ High W	ater Table (A2)			Biotic Cru	ıst (B12)			☐ Sediment Deposits (B2) (Riverine)
☐ Saturati	ion (A3)			Aquatic Ir	nvertebrates	(B13)		☐ Drift Deposits (Riverine)
☐ Water N	Marks (B1) ( <b>Non</b> i	riverine)		Hydrogen	Sulfide Odd	or (C1)		☑ Drainage Patterns (B10)
☐ Sedime	nt Deposits (B2)	(Nonriveri	ne)	Oxidized	Rhizosphere	es along L	iving Roots (C3)	☐ Dry-Season Water Table (C2)
☐ Drift De	posits (B3) (Non	riverine)		Presence	of Reduced	I Iron (C4)	)	☐ Crayfish Burrows (C8)
☐ Surface	Soil Cracks (B6	)		Recent Ire	on Reductio	n in Tilled	Soils (C6)	☐ Saturation Visible on Aerial Imagery (C9)
	ion Visible on Ae		y (B7)	Thin Muc	k Surface (C	(7)		☐ Shallow Aquitard (D3)
	Stained Leaves (				plain in Ren			
Field Obse	ervations							
Surface Wa	ater Present?	Ye	es 🗌 No 🛭 De	pth (in.) _				
Water Tab	le Present?	Ye	es 🗌 No 🛭 De	pth (in.) _		'	Wetland Hydrolog	y Present? Yes ⊠ No □
Saturation		Ye	es 🗌 No 🛭 De	pth (in.) _				
-	apillary fringe)							
Describe R	Recorded Data (s	tream gaug	e, monitoring w	ell, aerial	photos, prev	ious insp	ections), if available	e:
		cted after gr	owing season, a	and after	adjacent irriç	gation car	nal flows ceased; hy	drology presumed based on landscape position
and vegeta	WOII							

Project/Site: Desert Claim		City	/County: Elle	ensburg/Kittitas County	Sampling Date: 11-7-17
Applicant/Owner: <u>EDF</u>		Stat	e: <u>WA</u>	S	Sampling Point: GA-SP-89
Investigator(s): JD; Grette Associates				Section: 29	<u>9</u> Township: <u>19</u> Range: <u>18</u>
Landform (hillslope, terrace, etc.): Hillslope			Local r	elief (concave⊠, convex⊡, no	one⊡: Slope (%): <u>4</u>
Subregion (LRR): <u>B</u>			Lat: <u>47</u>	.10530° Long: -120.62349°	Datum: NAD83(2011)
Soil Map Name: Reelow-Reeser-Lablue complex,	3 to 10 p	ercent s	lopes		
Are climatic/hydrologic conditions on the site typic	al for this	time of	year?Yes 🛭	🛚 No 🗌 (If no, explain in Rema	arks)
Are Vegetation ☐ Soil ☐, or Hydrology ☐ signification	cantly dis	turbed?		Are "Normal Circumstance	s" present? Yes 🛛 No 🗌
Are Vegetation ☐ Soil ☐, or Hydrology ☐ signific	cantly pro	blematio	? (If needed	l, explain in Remarks)	
SUMMARY OF FINDINGS – Attach site ma	p showi	ng sam	pling poir	nt locations, transects, imp	portant features, etc.
Hydrophytic vegetation present? Yes	s ⊠ No [				
Hydric soils present? Yes	s ⊠ No [		le the cam	pled area within a wetland?	Yes ⊠ No □
Wetland hydrology present? Yes	s ⊠ No [		is the san	ipieu area witiiii a wetialiu:	I es 🖂 No 🗀
Remarks: R407; formerly datasheet GA-SP-1zz					
Plot is located in vegetated depression at the toe	of the hil	llslope fr	om the north	and the berm of the irrigation	canal along the south
VECTATION	lauta.			<u> </u>	
VEGETATION – Use scientific names of pl ┌		Dominar	nt Indicator	Dominance Test worksheet:	
Tree Stratum (Plot size:30')	% Cover				
1				Number of Dominant Species that are OBL, FACW, or FAC:	- (4)
2				that are OBE, I ACW, or I AC.	<u>2 (A)</u>
3				Total Number of Dominant	
4				Species Across All Strata:	<u>2 (B)</u>
		= Total (	Cover	Percent of Dominant Species	
Sapling/Shrub Stratum (Plot size:15')				that are OBL, FACW, or FAC:	<u>100 (A/B)</u>
				Prevalence Index worksheet:	
1				Total % Cover of:	Multiply by
2 3				Total % Cover of: OBL species	<u>Multiply by:</u> x 1 =
4				FACW species	x 2 =
5				FAC species	x 3 =
<u> </u>		Total (	20101	FACU species	x 4 =
		= Total (	Jover	UPL species	x 5 =
Herb Stratum (Plot size:5')				Column Totals (A)	(B)
1. <u>Juncus balticus</u>	<u>20</u>	<u>Y</u> <u>Y</u>	<u>FACW</u>		· ·
2. <u>UNID grass</u>	<u>80</u>	<u>Y</u>	FAC*	Prevalence index	x = B/A =
3				Hydrophytic Vegetation indicat	tors:
4				□ Dominance Test is >50%	
5 6				Prevalence Index is ≤3.0¹	
7				_	and the commonter and the term
8				Morphological Adaptations <sup>1</sup> ( Remarks or on a sepa	
		= Total 0	Cover	☐ Problematic Hydrophytic Veg	getation <sup>1</sup> (explain)
Woody Vine Stratum (Plot size: )				<sup>1</sup> Indicators of hydric soil and wetl present, unless disturbed or prob	
1 2.					
				H. Land R. Landson	
		= Total (		Hydrophytic vegetation pre	sent? Yes 🖂 No 🗀
	Cover of B				
Remarks: *Unidentifiable due to seasonality; pre	sumed/co	onservat	ive indicator	status	
I					

Profile Des	scription: (Desc	ribe to the	depth needed	to docun	nent the inc	dicator or	r confirm the abse	nce of indicators.)
Depth (inches)	Matrix Color (moist)	%	Color (moist)	Redox Fea	atures Type1	Loc <sub>2</sub>	— Texture	Remarks
0-14	10YR 4/1	85	01YR 3/4	15	C	M	Silt loam	Remarks
0 17	1011( 4/ 1	00	0111(0/4	10			Ont loan	
<sup>1</sup> Type: C=C	L	i =Depletion;	EM=Reduced	i matrix; CS	i Covered c	or Coated	Sand Grains. <sup>2</sup> Lo	ocation: PL=Pore linings; M=Matrix
Hydric Soi	ls Indicators: (A	Applicable	to all LRRs, ur	less othe	erwise note	d.)		or Problematic Hydric Soils <sup>3</sup> :
☐ Histoso	I (A1)		ПSa	ndy Redo	x (S5)		☐ 1 cm Muc	k (A9) ( <b>LRR C</b> )
	pipedon (A2)			ipped Mat				k (A10) (LRR B)
☐ Black H					y Material (I	F1)	☐ Reduced	
☐ Hydroge	en Sulfide (A4)			-	ed Matrix (F		☐ Red Pare	nt Material (TF2)
☐ Stratifie	d Layers (A5) ( <b>L</b>	RR C)	☐ De	pleted Ma	trix (F3)		☐ Other (Ex	plain in Remarks)
1 cm M	uck (A9) (LRR D	))	☐ Re	dox Dark	Surface (F6	)		
□ Deplete	d Below Dark St	urface (A11)	) ⊠ De	pleted Da	rk Surface (	F7)		
☐ Thick D	ark Surface (A12	2)	☐ Re	dox Depre	essions (F8)		31 - 11 1	Charles who dis an artistical second and band had selected
☐ Sandy M	Mucky Material (	S1)	☐ Ve	rnal Pools	(F9)			f hydrophytic vegetation and wetland hydrology sent, unless disturbed or problematic.
☐ Sandy 0	Gleyed Matrix (S	4)						
Restrictive	Layer (if present	t):						
Type:	<u> </u>						Hydric Soils Pre	sent? Yes ⊠ No □
Depth (inch	nes):							
Remarks:								
HYDROI	OGY							
	ydrology Indica	ators						
	dicators (minimu	m of one red	quired; check a	I that appl	<u>y</u>			Secondary Indicators (2 or more required)
	Water (A1)			Salt Crust				Water Marks (B1) (Riverine)
_	ater Table (A2)			Biotic Cru	st (B12) vertebrates	(B12)		Sediment Deposits (B2) (Riverine)
☐ Saturati	on (A3) ⁄larks (B1) ( <b>Non</b> i	rivorino)	<del></del>	•		` '		☐ Drift Deposits (Riverine)  ☐ Droipage Patterns (R10)
	nt Deposits (B2)				Sulfide Ode		_iving Roots (C3)	☐ Dry-Season Water Table (C2)
	posits (B3) ( <b>Non</b>				of Reduced	-	• , ,	☐ Crayfish Burrows (C8)
	Soil Cracks (B6				on Reductio			☐ Saturation Visible on Aerial Imagery (C9)
	ion Visible on Ae				k Surface (C		(00)	☐ Shallow Aquitard (D3)
	Stained Leaves (	• .	,		plain in Ren	,		☐ FAC-Neutral Test (D5)
Field Obse	,	-,						
	ater Present?	Υe	es 🗌 No 🔯 De	pth (in.)				
Water Tabl	e Present?		es □ No ⊠ De			,	Wetland Hydrolog	y Present? Yes ⊠ No □
Saturation	Present?		es 🗌 No 🔯 De					
	apillary fringe)	10	23 L 140 Z DC	Pui (iii.) <u> </u>				
Describe R	ecorded Data (s	tream gaug	e, monitoring w	ell, aerial	photos, prev	vious insp	ections), if available	e:
Remarks:	Likely that site of	contains wet	tland hydrology	during gro	owiing seas	on		

Project/Site: Desert Claim		City	//County: Ell	ensburg/Kittitas County	Sampling Date: 11-7-17	
Applicant/Owner: EDF		Sta	te: <u>WA</u>	Sampling Point: GA-SP-90		
Investigator(s): JD; Grette Associates				Section: 2	<u>9</u> Township: <u>19</u> Range: <u>18</u>	
Landform (hillslope, terrace, etc.): Hillslope			Local	relief (concave∏, convex⊠, n	one⊡: Slope (%): <u>4</u>	
Subregion (LRR): <u>B</u>			Lat: <u>47</u>	7.10534° Long: <u>-120.62329°</u>	Datum: NAD83(2011)	
Soil Map Name: Reelow-Reeser-Lablue complex,	3 to 10 p	ercent s	lopes			
Are climatic/hydrologic conditions on the site typic	al for this	time of	year? Yes [	🛚 No 🗌 (If no, explain in Rema	arks)	
Are Vegetation ☐ Soil ☐, or Hydrology ☐ signifi	cantly dis	turbed?		Are "Normal Circumstance	es" present? Yes 🛛 No 🗌	
Are Vegetation ☐ Soil ☐, or Hydrology ☐ signifi	cantly pro	blemati	c? (If neede	d, explain in Remarks)		
SUMMARY OF FINDINGS – Attach site ma	p show	ing san	npling poi	nt locations, transects, im	portant features, etc.	
Hydrophytic vegetation present? Yes	s 🛛 No 🏻					
Hydric soils present? Yes	s 🗌 No 🛭		le the can	npled area within a wetland?	Yes □ No ⊠	
Wetland hydrology present? Yes	s 🗌 No 🛭	$\leq$	is the san	iipieu area witiiii a wetiaiiu:	Tes 🗆 No 🖂	
Remarks: R407; formerly datasheet GA-SP-2zz						
Transfer transfer transfer to the second sec						
VEGETATION – Use scientific names of p	lants					
Trop Stratum (Plat size 201)			nt Indicator	Dominance Test worksheet:		
Tree Stratum (Plot size:30')	% Cover	Species	<u>Status</u>	Number of Dominant Species		
1				that are OBL, FACW, or FAC:	<u>1 (A)</u>	
2				Total Number of Dominant	<del></del>	
3				Species Across All Strata:	<u>2 (B)</u>	
4				Percent of Dominant Species	<del></del>	
		= Total	Cover	that are OBL, FACW, or FAC:	50 (A/B)	
Sapling/Shrub Stratum (Plot size:15')				Prevalence Index worksheet:	<u> </u>	
1. Rosa woodsii	<u>40</u>	<u>Y</u>	FACU	Trevalence mack worksheet.		
2		_		Total % Cover of:	Multiply by:	
3				OBL species	x 1 =	
4				FACW species	x 2 =	
5				FAC species	x 3 =	
		= Total	Cover	FACU species	x 4 =	
Herb Stratum (Plot size:5')	· <u></u>			UPL species	x 5 =	
	50	V	E4.0*	Column Totals(A)	(B)	
1. <u>UNID grass</u>	<u>50</u>	<u>Y</u>	FAC*			
2. <u>UNID mustard</u>	<u>15</u>	<u>N</u>	FACU*	Prevalence index	< = B/A =	
3. <u>Centaurea diffusa</u>	<u>10</u>	<u>N</u>	<u>NL</u>	Hydrophytic Vegetation indica	tors:	
4   5				☐ Dominance Test is >50%		
6				☐ Prevalence Index is ≤3.0 <sup>1</sup>		
7					(provide europarting data in	
8				Morphological Adaptations <sup>1</sup> ( Remarks or on a sepa		
		= Total	Cover	Problematic Hydrophytic Vec	,	
		= 10tai	Covei		,	
Woody Vine Stratum (Plot size: )				<sup>1</sup> Indicators of hydric soil and wet present, unless disturbed or prob		
1				, , , , , , , , , , , , , , , , , , , ,		
2						
		= Total	Cover	Hydrophytic vegetation pre	esent? Yes 🛛 No 🗌	
% Bare Ground in Herb Stratum %	Cover of B	iotic Crus	st			
Remarks: *Unidentifiable due to seasonality; pre				I		
,,,,,,,						

Depth	scription: (Desc Matrix	ribe to the	•	to docun Redox Fea		icator oi	r confirm the absend	ce of indicators.)				
(inches)	Color (moist)	%	Color (moist)	%	Type₁	Loc <sub>2</sub>	Texture	Remarks				
0-16	10YR 2/2	100					Silt loam					
		ļ			ļ	-						
						-						
<sup>1</sup> Type: C=Concentration; D=Depletion; RM=Reduced matrix; CS=Covered or Coated Sand Grains. <sup>2</sup> Location: PL=Pore linings; M=Matrix												
Hydric Soi	Hydric Soils Indicators: (Applicable to all LRRs, unless otherwise noted.) Indicators for Problematic Hydric Soils <sup>3</sup> :											
☐ Historo	Ι (Δ1)		П са	ndy Radov	(95)		□ 1 cm Muck	(A9) (I RR C)				
☐ Histosol (A1)       ☐ Sandy Redox (S5)       ☐ 1 cm Muck (A9) (LRR C)         ☐ Histic Epipedon (A2)       ☐ Stripped Matrix (S6)       ☐ 2 cm Muck (A10) (LRR B)												
☐ Black H					y Material (F	1)	☐ Reduced V					
	en Sulfide (A4)			-	ed Matrix (F2			t Material (TF2)				
	d Layers (A5) ( <b>L</b>	RR C)		pleted Ma		,		lain in Remarks)				
	uck (A9) (LRR D				Surface (F6)	1	_ ` ` '	,				
	d Below Dark Su				rk Surface (F							
☐ Thick D	ark Surface (A12	2)	☐ Re	dox Depre	ssions (F8)	,						
☐ Sandy I	Mucky Material (	S1)	☐ Ve	rnal Pools	(F9)			nydrophytic vegetation and wetland hydrology ent, unless disturbed or problematic.				
☐ Sandy (	Gleyed Matrix (S	4)					must be prese	int, unless disturbed of problematic.				
Restrictive	Layer (if present	.).										
		.,,.										
Type:							Hydric Soils Prese	ent? Yes ☐ No ⊠				
Depth (inch	nes):											
Remarks:												
HYDROI												
	ydrology Indica dicators (minimu		quirod: abook al	l that appl	v			Secondary Indicators (2 or more required)				
	Water (A1)	ii oi one rec		Salt Crust			<u>'</u>	☐ Water Marks (B1) ( <b>Riverine</b> )				
☐ High W	ater Table (A2)			Biotic Cru	st (B12)			Sediment Deposits (B2) (Riverine)				
☐ Saturati				Aquatic In	vertebrates	(B13)	☐ Drift Deposits ( <b>Riverine</b> )					
☐ Water N	Marks (B1) ( <b>Non</b> i	riverine)		Hydrogen	Sulfide Odd	or (C1)		☐ Drainage Patterns (B10)				
☐ Sedime	nt Deposits (B2)	(Nonriveri	ne)	Oxidized I	Rhizosphere	s along l	iving Roots (C3)	☐ Dry-Season Water Table (C2)				
☐ Drift De	posits (B3) ( <b>Non</b>	riverine)		Presence	of Reduced	Iron (C4	)	☐ Crayfish Burrows (C8)				
☐ Surface	Soil Cracks (B6	)		Recent Iro	n Reduction	n in Tilled	Soils (C6)	☐ Saturation Visible on Aerial Imagery (C9)				
☐ Inundat	ion Visible on Ae	erial Imagery	/ (B7)	Thin Muck	Surface (C	7)		☐ Shallow Aquitard (D3)				
☐ Water-S	Stained Leaves (	B9)		Other (Ex	plain in Rem	arks)		☐ FAC-Neutral Test (D5)				
Field Obse	ervations											
Surface Wa	ater Present?	Υe	es 🗌 No 🖾 De	pth (in.) _								
Water Tabl	e Present?		es 🗌 No 🛛 De			,	Wetland Hydrology	Present? Yes ☐ No ⊠				
Saturation			es 🗌 No 🖾 De									
	apillary fringe)	16	es 🔲 No 🖂 De	piii (iii.) <u> </u>								
		tream gaug	e monitoring w	ell aerial	nhotos nrev	ious iner	pections), if available:					
POSOTING IV	.coo.aca Data (S	cam gaug	o, monitoring w	on, acrial	priotos, prev	iouo iiiop	, cononoj, ii avaliable.					
Remarks:	Landform indica	ites lack of	seasonal hvdrol	ogv								
				37								

Project/Site: <u>Desert Claim</u>				titas County Sampling Date: 7/		
Applicant/Owner: <u>EDF</u>		Stat	e: <u>WA</u>	Sampling Point: GA-SP-		
Investigator(s): MB, JD; Grette Associates				Section: <u>20</u> Township: <u>19</u> Range: <u>18</u>		
Landform (hillslope, terrace, etc.): Hillslope		al relief (concave□, convex⊠, none□: Slope (%): <u>~2</u>				
Subregion (LRR): B	Lat: <u>47</u>	7.12746 Long: <u>-120.62051</u>	Datum: <u>NAD83(11)</u>			
Soil Map Name: Reeser-Reelow-Sketter complex				Z Na 🖂 /lf na avalain in Dan	NWI Classification:	
Are climatic/hydrologic conditions on the site typic Are Vegetation ☐ Soil ☐, or Hydrology ☐ signif			year? Yes 🛭	No □ (if no, explain in Rem Are "Normal Circumstance		
Are Vegetation ☐ Soil ☐, or Hydrology ☐ signifi Are Vegetation ☐ Soil ☐, or Hydrology ☐ signifi	-		:? (If neede		es present? res 🖂 No 🗀	
SUMMARY OF FINDINGS – Attach site ma			•		portant features, etc.	
	s 🛛 No [		,	,	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
	s 🛛 No [		la tha aam		Vaa M Na 🗆	
	s 🛛 No [		is the san	npled area within a wetland?	Yes ⊠ No □	
Remarks: R27; formerly datasheet GA-R27-1						
, ,						
└────────────────────────────────────	lante					
	Absolute		nt Indicator	Dominance Test worksheet:		
Tree Stratum (Plot size: )	% Cover	<u>Species</u>	? Status	Number of Dominant Species		
1				that are OBL, FACW, or FAC:	<u>3 (A)</u>	
2				Total Number of Dominant	<u>0 (/ i)</u>	
3				Species Across All Strata:	<u>3 (B)</u>	
4				Percent of Dominant Species	<u>0 (D)</u>	
		= Total (	Cover	that are OBL, FACW, or FAC:	100 (A/B)	
Sapling/Shrub Stratum (Plot size:15')				Prevalence Index worksheet:	100 (100)	
1. <u>Salix exigua</u>	<u>30</u>	<u>Y</u>	FACW	Trovalones mask workshoot		
2				Total % Cover of:	Multiply by:	
3				OBL species	x 1 =	
4				FACW species	x 2 =	
5				FAC species	x 3 =	
	<u>30</u>	= Total (	Cover	FACU species	x 4 =	
Herb Stratum (Plot size:5')				UPL species (A)	x 5 =	
1. Juncus balticus	<u>60</u>	<u>Y</u>	FACW	Column Totals(A)	(B)	
2. Trifolium pratense	20	<u>Y</u>	FAC	Prevalence inde	v D/A	
3. Potentilla recta	<u>5</u>	<u>N</u>	NL(UPL)			
4. Myosotis laxa	<u>5</u>	<u>N</u>	<u>OBL</u>	Hydrophytic Vegetation indica	itors:	
5				☐ Dominance Test is >50%		
6				☐ Prevalence Index is ≤3.0 <sup>1</sup>		
7				☐ Morphological Adaptations¹		
8				Remarks or on a sep	arate sheet)	
	<u>90</u>	= Total (	Cover	☐ Problematic Hydrophytic Ve		
Woody Vine Stratum (Plot size: )				<sup>1</sup> Indicators of hydric soil and wet present, unless disturbed or prol		
1						
Z						
		= Total (	Cover	Hydrophytic vegetation pre	esent? Yes ⊠ No ∐	
	Cover of E	Biotic Crus	t			
Remarks:						

Profile De Depth	e Description: (Describe to the depth needed to document the indicator or  Matrix Redox Features					r confirm the abser	nce of indicators.)					
(inches)	Color (moist)	%	Color (moist)	%	Type <sub>1</sub>	Loc <sub>2</sub>	 Texture	Remarks				
0-16+	10YR 3/2	75	7.5YR 3/4	25	C	M,PL	Silt loam					
		<b></b>			-							
¹Type: C=Concentration; D=Depletion; RM=Reduced matrix; CS=Covered or Coated Sand Grains. ² Location: PL=Pore linings; M=Matrix												
	ils Indicators: (/							or Problematic Hydric Soils³:				
☐ Histoso	Ι (Δ1)		П Са	ndy Redo	v (S5)		□ 1 cm Muc	ek (A9) ( <b>LRR C</b> )				
	pipedon (A2)			ipped Mat				k (A10) (LRR B)				
☐ Black F					y Material (F	=1)	☐ Reduced					
	en Sulfide (A4)			-	ed Matrix (F2			nt Material (TF2)				
	en Sunde (A4) d Layers (A5) ( <b>L</b>	DD C\		pleted Ma		<u>-)</u>	<del></del>	plain in Remarks)				
	uck (A9) ( <b>LRR D</b>				Surface (F6)	١		piairi ir Nemarks)				
	ed Below Dark Su				rk Surface (Fo							
	ark Surface (A12	, ,			essions (F8)	1)						
	Mucky Material (	,		rnal Pools	. ,		3Indicators of	hydrophytic vegetation and wetland hydrology				
	•	•	□ ve	IIIai Puuls	(Г9)		must be pres	sent, unless disturbed or problematic.				
_	Gleyed Matrix (S											
	Layer (if present	t):										
Type:	_						Hydric Soils Pres	sent? Yes ⊠ No □				
Depth (incl	nes):											
Remarks												
HYDRO	LOGY lydrology Indica	toro										
	dicators (minimu		guired: check al	I that app	lv			Secondary Indicators (2 or more required)				
	Water (A1)			Salt Crus				☐ Water Marks (B1) (Riverine)				
☐ High W	ater Table (A2)			Biotic Cru	ıst (B12)		Sediment Deposits (B2) (Riverine)					
	ion (A3)			Aquatic Ir	nvertebrates	(B13)		☐ Drift Deposits (Riverine)				
☐ Water N	Marks (B1) ( <b>Non</b> i	riverine)		Hydrogen	Sulfide Odd	or (C1)		☐ Drainage Patterns (B10)				
☐ Sedime	ent Deposits (B2)	(Nonriveri	ne)	Oxidized	Rhizosphere	es along L	iving Roots (C3)	☐ Dry-Season Water Table (C2)				
☐ Drift De	posits (B3) (Non	riverine)		Presence	of Reduced	I Iron (C4	)	☐ Crayfish Burrows (C8)				
☐ Surface	Soil Cracks (B6	)		Recent Ire	on Reduction	n in Tilled	Soils (C6)	☐ Saturation Visible on Aerial Imagery (C9)				
☐ Inundat	ion Visible on Ae	rial Imagery	/ (B7)	Thin Muc	k Surface (C	(7)		☐ Shallow Aquitard (D3)				
	Stained Leaves (				plain in Ren							
Field Obs	ervations											
Surface W	ater Present?	Ye	es 🗌 No 🖾 De	pth (in.) _								
Water Tab	le Present?	Ye	es 🛛 No 🗌 De	pth (in.) <u>3</u>		'	Wetland Hydrolog	y Present? Yes ⊠ No □				
Saturation		Ye	es 🛛 No 🗌 De	pth (in.) <u>0</u>								
	apillary fringe)											
Describe F	Recorded Data (s	tream gaug	e, monitoring w	ell, aerial	photos, prev	ious insp	ections), if available	e:				
Dan !	0.1				, .							
Kemarks:	Saturation pres	ent just dow	nstream of eart	nen dam	or a pond.							

Project/Site: Desert Claim		-	-	titas County Sampling Date: 7/		
Applicant/Owner: <u>EDF</u>		Stat	te: <u>WA</u>	Sampling Point: GA-SP		
Investigator(s): MB, JD; Grette Associates				_	<u>20</u> Township: <u>19</u> Range: <u>18</u>	
Landform (hillslope, terrace, etc.): Hillslope		al relief (concave□, convex⊠, none□: Slope (%): <u>~2</u>				
Subregion (LRR): <u>B</u>	Lat: <u>47</u>	7 <u>.12751</u> Long: <u>-120.61979</u>	Datum: <u>NAD83(11)</u>			
Soil Map Name: Reeser-Reelow-Sketter complex			0.1/	ZN [] (( ) )	NWI Classification:	
Are climatic/hydrologic conditions on the site typi						
Are Vegetation ☐ Soil ☐, or Hydrology ☐ signi Are Vegetation ☐ Soil ☐, or Hydrology ☐ signi	-				es" present? Yes 🛛 No 🗌	
			•	,	unartant faaturas, ata	
SUMMARY OF FINDINGS – Attach site m. Hydrophytic vegetation present?	es 🗌 No 🛭		ping pon	iii iocations, transects, iii	iportant leatures, etc.	
, , , , , , , , , , , , , , , , , , , ,	es 🗌 No 🛭					
	es 🗌 No 🛭		Is the san	npled area within a wetland?	Yes □ No ⊠	
Remarks: R27; formerly datasheet GA-R27-2	23 🔲 INO 🛭					
inemarks. N21, formerly datastreet GA-N21-2						
VEGETATION – Use scientific names of p		Domino	nt Indicator	Dominance Test worksheet:		
Tree Stratum (Plot size: )		Species				
1				Number of Dominant Species		
2				that are OBL, FACW, or FAC:	<u>0 (A)</u>	
3.				Total Number of Dominant		
4				Species Across All Strata:	<u>2 (B)</u>	
		= Total (	Cover	Percent of Dominant Species		
Sapling/Shrub Stratum (Plot size: )	·			that are OBL, FACW, or FAC:	<u>0 (A/B)</u>	
	20	V	LIDI	Prevalence Index worksheet:		
Purshia tridentata	<u>20</u>	<u>Y</u>	<u>UPL</u>	Total % Cover of:	Multiply by:	
3				OBL species	x 1 =	
4				FACW species	x 2 =	
5				FAC species	x 3 =	
	<u>20</u>	= Total (	Cover	FACU species	x 4 =	
Herb Stratum (Plot size: )				UPL species	x 5 =	
	60	V	FACIL	Column Totals(A)	(B)	
<u>Festuca idahoensis</u> <u>Lithospermum ruderale</u>	<u>60</u> 10	<u>Y</u> <u>N</u>	<u>FACU</u> NL(UPL)			
3.	<u>10</u>	<u>IN</u>	<u>INL(OFL)</u>	Prevalence inde		
4				Hydrophytic Vegetation indica	ators:	
5				☐ Dominance Test is >50%		
6				☐ Prevalence Index is ≤3.0 <sup>1</sup>		
7				☐ Morphological Adaptations¹		
8				Remarks or on a sep	arate sheet)	
	<u>70</u>	= Total (	Cover	☐ Problematic Hydrophytic Ve	getation <sup>1</sup> (explain)	
Woody Vine Stratum (Plot size: )				<sup>1</sup> Indicators of hydric soil and wet present, unless disturbed or prol		
1						
					10 V [] N []	
		= Total (		Hydrophytic vegetation pre	esent? Yes 🗌 No 🖂	
	Cover of E	Biotic Crus	st			
Remarks:						

		ribe to the	depth need			icator or	confirm the abser	nce of indicators.)				
Depth	Matrix	0/	Color (moi	Redox Fea		Loo	— Touture	Domostro				
(inches)	Color (moist)	%	Color (moi	st) %	Type <sub>1</sub>	Loc <sub>2</sub>	Texture	Remarks				
0-16+	10YR 3/3	100					Silty stony loa	am				
<sup>1</sup> Type: C=Concentration; D=Depletion; RM=Reduced matrix; CS=Covered or Coated Sand Grains. <sup>2</sup> Location: PL=Pore linings; M=Matrix												
Hydric Soi	Is Indicators: (A	Annlicable :	n all I RRs	unless othe	rwise noted	11	Indicators fo	or Problematic Hydric Soils <sup>3</sup> :				
,	·	фричави				,		•				
Histosol	, ,			Sandy Redox				k (A9) (LRR C)				
	pipedon (A2)			Stripped Mati				k (A10) ( <b>LRR B</b> )				
☐ Black H	` '			Loamy Mucky			Reduced	• •				
	en Sulfide (A4)			Loamy Gleye		)		nt Material (TF2)				
	d Layers (A5) ( <b>L</b>			Depleted Mat				plain in Remarks)				
	uck (A9) ( <b>LRR D</b>	,		Redox Dark S	` '							
	d Below Dark Su	. ,		Depleted Dar		7)						
	ark Surface (A12	•		Redox Depre			<sup>3</sup> Indicators of hydrophytic vegetation and wetland hydrology					
_	/lucky Material (		Ш	Vernal Pools	(F9)			ent, unless disturbed or problematic.				
☐ Sandy C	Gleyed Matrix (S	4)										
Restrictive	Layer (if present	t):										
Type:								10 V				
	<u> </u>						Hydric Soils Pres	sent? Yes ☐ No ⊠				
Depth (inch	ies):											
Remarks:												
HYDROL	.OGY											
	ydrology Indica											
Primary Inc	licators (minimur Water (A1)	m of one red	uired; chec	k all that appl Salt Crust				Secondary Indicators (2 or more required)  Water Marks (B1) (Riverine)				
	ater Table (A2)			☐ Biotic Crus	, ,		Sediment Deposits (B2) (Riverine)					
☐ Saturati				Aquatic In	, ,	(B13)	☐ Drift Deposits (Riverine)					
	larks (B1) ( <b>Non</b> r	riverine)		Hydrogen				☐ Drainage Patterns (B10)				
	nt Deposits (B2)	,					iving Roots (C3)	☐ Dry-Season Water Table (C2)				
	posits (B3) ( <b>Non</b>	•	10)	Presence	•	J	J ( )	☐ Crayfish Burrows (C8)				
	Soil Cracks (B6			☐ Recent Iro				☐ Saturation Visible on Aerial Imagery (C9)				
	on Visible on Ae		(R7)	☐ Thin Muck			(CO)	☐ Shallow Aquitard (D3)				
	stained Leaves (I		(67)	Other (Exp				FAC-Neutral Test (D5)				
Field Obse	-					1						
Surface Wa	ater Present?	Ye	s □ No ⊠	Depth (in.) _								
Water Tabl	e Present?	Υe	es 🗌 No 🛛	Depth (in.)		'	Wetland Hydrology	/ Present? Yes ☐ No ⊠				
	Saturation Present?  Yes \sum No \omega Depth (in.)  (includes capillary fringe)											
Describe R	ecorded Data (s	tream gauge	e, monitorin	g well, aerial r	ohotos, previ	ous insp	ections), if available	): :				
	,			- ·	•		•					
Remarks:												
			_									

Hydrophytic vegetation present?  Hydric soils present?	plex, 0 to 5% slop pical for this time nificantly disturbed nificantly problema	Local r Lat: 47 es of year? Yes 5 d? atic? (If needed	Are "Normal Circumstances" present? Yes $oxtimes$ No $oxtimes$
Photos 0093-0099			
VEGETATION – Use scientific names of	plants		
Tree Stratum (Plot size:30')   1   2   3   4   5   5   5   6   5   6   7   8   8   7   8   8   7   8   7   8   7   8   7   8   7   1	Absolute Domi % Cover Spec		Dominance Test worksheet:   Number of Dominant Species   that are OBL, FACW, or FAC: 2 (A)   Total Number of Dominant 3 (B)   Percent of Dominant Species   that are OBL, FACW, or FAC: 67 (A/B)    Prevalence Index worksheet:    Total % Cover of: Multiply by:   OBL species x 1 =   FACW species x 2 =   FAC species x 3 =   FACU species x 4 =   UPL species x 5 =   Column Totals (A)   Mydrophytic Vegetation indicators:   Dominance Test is >50%   Prevalence Index is ≤3.0¹   Morphological Adaptations¹ (provide supporting data in Remarks or on a separate sheet)
Woody Vine Stratum (Plot size: )  1	<u>100%</u> = Tot	al Cover	Problematic Hydrophytic Vegetation <sup>1</sup> (explain) <sup>1</sup> Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
2 <u>% Bare Ground in Herb Stratum</u> Remarks: *ID uncertain	= Tot % Cover of Biotic C	al Cover	Hydrophytic vegetation present? Yes ⊠ No □

		ribe to the				dicator or	r confirm the abse	nce of indicators.)			
Depth (inches)	Matrix Color (moist)	%	Color (moist)	Redox Fea	atures Type1	Loc <sub>2</sub>		Remarks			
0-5	5Y 2.5/1	100	Color (moist)	70	Type	2002	Silt loam	Nomano			
5-12+	2.5Y 4/2	95	2.5Y 2/1	5	С	M	Clay				
						-					
Type: C-Concentration: D-Depletion: PM- Beduced matrix: CS-Covered or Costed Sand Crairs - 21 - 24 - 24 - 25 - 25 - 25 - 25 - 25 - 25											
<sup>1</sup> Type: C=Concentration; D=Depletion; RM=Reduced matrix; CS=Covered or Coated Sand Grains. <sup>2</sup> Location: PL=Pore linings; M=Matrix  Hydric Soils Indicators: (Applicable to all LRRs, unless otherwise noted.) Indicators for Problematic Hydric Soils <sup>3</sup> :											
Hydric Soi	Is Indicators: (A	Applicable	to all LRRs, ur	nless othe	erwise note	d.)	Indicators fo	or Problematic Hydric Soils³:			
☐ Histoso	I (A1)		☐ Sa	ndy Redo	x (S5)		1 cm Muc	ck (A9) ( <b>LRR C</b> )			
☐ Histic E	pipedon (A2)			ipped Mat			2 cm Muc	ck (A10) ( <b>LRR B</b> )			
☐ Black H					y Material (F	<del>-</del> 1)	☐ Reduced				
☐ Hydroge	en Sulfide (A4)				ed Matrix (F2			nt Material (TF2)			
	d Layers (A5) ( <b>L</b>	RR C)		pleted Ma		•		plain in Remarks)			
	uck (A9) (LRR D			•	Surface (F6)	)	_ `	,			
	d Below Dark Su				rk Surface (						
-	ark Surface (A12			dox Depre	essions (F8)	ŕ					
☐ Sandy N	Mucky Material (	S1)		rnal Pools				f hydrophytic vegetation and wetland hydrology			
	Gleyed Matrix (S	•			` '		must be pres	sent, unless disturbed or problematic.			
Postrictivo	Layer (if present	1-					1				
	, , ,	)-									
Type:							Hydric Soils Pre	sent? Yes ⊠ No □			
Depth (inch	nes):										
Remarks:											
HYDROL											
	ydrology Indica dicators (minimur		uired: check a	II that appl	V			Secondary Indicators (2 or more required)			
Surface	Water (A1)			Salt Crust				☐ Water Marks (B1) (Riverine)			
☐ High Wa	ater Table (A2)			Biotic Cru	st (B12)			☐ Sediment Deposits (B2) (Riverine)			
	on (A3)			Aquatic Ir	vertebrates	(B13)		☐ Drift Deposits (Riverine)			
☐ Water N	Marks (B1) ( <b>Nonr</b>	iverine)		Hydrogen	Sulfide Odd	or (C1)		☐ Drainage Patterns (B10)			
☐ Sedime	nt Deposits (B2)	(Nonriveri	ne)	Oxidized	Rhizosphere	es along L	iving Roots (C3)	☐ Dry-Season Water Table (C2)			
☐ Drift De	posits (B3) ( <b>Non</b>	riverine)		Presence	of Reduced	I Iron (C4	)	☐ Crayfish Burrows (C8)			
☐ Surface	Soil Cracks (B6	)		Recent Iro	on Reductio	n in Tilled	Soils (C6)	☐ Saturation Visible on Aerial Imagery (C9)			
☐ Inundati	ion Visible on Ae	rial Imagery	(B7) □	Thin Mucl	k Surface (C	(7)		☐ Shallow Aquitard (D3)			
☐ Water-S	Stained Leaves (I	39)		Other (Ex	plain in Ren	narks)		☐ FAC-Neutral Test (D5)			
Field Obse	ervations										
Surface Wa	ater Present?	Υe	es 🛛 No 🗌 De	epth (in.) <u>1</u>							
Water Tabl	e Present?	Υe	es 🛛 No 🗌 De	pth (in.) <u>0</u>		,	Wetland Hydrolog	y Present? Yes ⊠ No □			
Saturation	Present?	Υe	es 🛛 No 🗌 De	epth (in.) 3							
	apillary fringe)			, () <u>u</u>							
Describe R	ecorded Data (s	tream gaug	e, monitoring w	ell, aerial	photos, prev	ious insp	ections), if available	e:			
Remarks:											

Project/Site: Desert Claim		City	/County: Elle	ensburg/Kittitas County	Sampling Date: 4-13-18
Applicant/Owner: EDF		Stat	e: <u>WA</u>		Sampling Point: GA-SP-94
Investigator(s): CW, JD; Grette Associates					<u>9</u> Township: <u>19</u> Range: <u>18</u>
Landform (hillslope, terrace, etc.): Slope				elief (concave⊡, convex⊠, n	· · · · · · · · · · · · · · · · · · ·
Subregion (LRR): B			Lat: <u>47</u>	<u>.121947°</u> Long: <u>-120.628278°</u>	
Soil Map Name: Sketter-Millhouse-Lablue comple			0.14		NWI Classification:
Are climatic/hydrologic conditions on the site typic			year? Yes ⊵		
Are Vegetation ☐ Soil ☐, or Hydrology ☐ signifiare Vegetation ☐ Soil ☐, or Hydrology ☐ Soi	-		2 (If pooded	Are "Normal Circumstance	es present? Yes 🖂 No 🗀
SUMMARY OF FINDINGS – Attach site ma			·		nortant features etc
	s □ No ▷		ipinig pon	it rooutiono, transcotto, iiii	portant routaros, otor
	s □ No ☑				
	s □ No ☑ s □ No ☑		Is the sam	pled area within a wetland?	Yes ☐ No ⊠
Remarks: R412	3 🗀 110 🛭	7			
Photos 0100-0112					
VEGETATION – Use scientific names of p					
Tree Stratum (Plot size:30')		Dominar Species	nt Indicator 2 Status	Dominance Test worksheet:	
	<u>70 00VCI</u>	Ореско	. Otatus	Number of Dominant Species	
1 2				that are OBL, FACW, or FAC:	<u>0 (A)</u>
3				Total Number of Dominant	
4				Species Across All Strata:	<u>2 (B)</u>
		= Total (		Percent of Dominant Species	
Cooling/Chruh Stratum (Plot aizo:15!)		- rotar c	50101	that are OBL, FACW, or FAC:	<u>0 (A/B)</u>
Sapling/Shrub Stratum (Plot size:15')				Prevalence Index worksheet:	
1				Total 9/ Cover of	Multiply by
2 3				Total % Cover of: OBL species	<u>Multiply by:</u> x 1 =
4				FACW species	x 2 =
5				FAC species	x 3 =
		= Total (	Cover	FACU species	x 4 =
Harb Stratum (Diat aiza:5')		- rotar c	50101	UPL species	x 5 =
Herb Stratum (Plot size:5')				Column Totals(A)	(B)
1. Festuca idahoensis	<u>60</u>	<u>Y</u> <u>Y</u>	<u>FACU</u>		
2. <u>Lomatium nudicaule</u>	<u>30</u>	<u>Y</u>	<u>UPL</u>	Prevalence index	c = B/A =
3 4				Hydrophytic Vegetation indica	tors:
5				☐ Dominance Test is >50%	
6				☐ Prevalence Index is ≤3.0 <sup>1</sup>	
7 8.				☐ Morphological Adaptations¹ ( Remarks or on a sepa	provide supporting data in
<u> </u>	90%	= Total 0	Cover	☐ Problematic Hydrophytic Veg	· ·
Woody Vine Stratum (Plot size: )	<u>5575</u>	. 0.0		<sup>1</sup> Indicators of hydric soil and wet	land hydrology must be
1				present, unless disturbed or prob	Diematic.
2					
		= Total C	Cover	Hydrophytic vegetation pre	esent? Yes 🗌 No 🖂
% Bare Ground in Herb Stratum %	Cover of B	iotic Crus	t		
Remarks: *ID uncertain					

Profile Des	scription: (Desc	ribe to the	depth needed	d to docum	nent the ind	licator or	confirm the abse	nce of indicators.)			
Depth (inches)	Matrix Color (moist)	%	Color (moist)	Redox Fea	atures Type1	Loc <sub>2</sub>	— Texture	Remarks			
0-9	10YR 3/1	100		/0	Турет	LUCZ	Silt loam	Remarks			
9-16	10YR 3/2	100				-	Clay loam				
Type: C=Concentration; D=Depletion; RM=Reduced matrix; CS=Covered or Coated Sand Grains. Location: PL=Pore linings; M=Matrix											
• •	ls Indicators: (/							or Problematic Hydric Soils <sup>3</sup> :			
☐ Histoso	I (A1)		∏ S;	andy Redox	(S5)		☐ 1 cm Muc	ek (A9) (LRR C)			
	pipedon (A2)			ripped Mat				k (A10) (LRR B)			
☐ Black H					y Material (F	<del>-</del> 1)	☐ Reduced				
	en Sulfide (A4)			-	ed Matrix (F2			nt Material (TF2)			
	d Layers (A5) ( <b>L</b>	RR C)		epleted Ma		,	Other (Ex	plain in Remarks)			
	uck (A9) (LRR D				Surface (F6)	)		,			
☐ Deplete	d Below Dark Su	urface (A11)	□ De	epleted Dai	rk Surface (F	<del>-</del> 7)					
☐ Thick D	ark Surface (A12	2)	□ R	edox Depre	essions (F8)						
☐ Sandy M	Mucky Material (	S1)	□ Ve	ernal Pools	(F9)			f hydrophytic vegetation and wetland hydrology sent, unless disturbed or problematic.			
☐ Sandy 0	Gleyed Matrix (S	4)					must be pres	ioni, unicos distarbed of problematic.			
Restrictive	Layer (if present	t):									
Type:	_						Hydric Soils Pre	sent? Yes □ No ⊠			
Depth (inch	nes):										
Remarks:											
HYDROI	_OGY										
Wetland H	ydrology Indica										
	dicators (minimur Water (A1)	m of one red	quired; check a	all that appl Salt Crust	<u>y</u> (D44)			Secondary Indicators (2 or more required)			
	` '							Water Marks (B1) (Riverine)			
☐ Saturati	ater Table (A2)			Biotic Cru	si (b i z) ivertebrates	(B13)		☐ Sediment Deposits (B2) (Riverine) ☐ Drift Deposits (Riverine)			
	on (A3) ⁄larks (B1) ( <b>Non</b> i	riverine)		•	Sulfide Odd	` '		☐ Drainage Patterns (B10)			
	nt Deposits (B2)	•		-			iving Roots (C3)	☐ Dry-Season Water Table (C2)			
	posits (B3) ( <b>Non</b>				of Reduced	_	-	☐ Crayfish Burrows (C8)			
	Soil Cracks (B6				on Reduction			☐ Saturation Visible on Aerial Imagery (C9)			
	ion Visible on Ae				c Surface (C		(00)	☐ Shallow Aquitard (D3)			
	Stained Leaves (				plain in Rem	,		FAC-Neutral Test (D5)			
Field Obse	ervations				•	<u> </u>					
	ater Present?	Υe	es 🗌 No 🔯 D	epth (in.) _							
Water Tabl	e Present?	Υe	es 🛛 No 🗌 D	epth (in.) <u>10</u>	<u>6</u>	,	Wetland Hydrolog	y Present? Yes ☐ No ⊠			
Saturation	Present?	Υe	es 🛛 No 🗌 D	epth (in.) 1	3						
	apillary fringe)			- p () <u></u>	-						
Describe R	ecorded Data (s	tream gaug	e, monitoring v	vell, aerial <sub>l</sub>	photos, prev	ious insp	ections), if available	<del>)</del> :			
Remarks:											