Appendix B

Wetland Determination Data Forms



Project:		Molal	a LWI		Number:	2250	Sample Site	MF	R-1-1
Applican	t: Ci	ity of Mola	alla	County:	Clack	amas	Date:	4/2	5/01
Investiga	tors:	SE/FS		Township:	58	Range:	2E	Section:	9
Do Norma	al Circumstanc	es exist on	this site?	Yes	Is the area a p	otential Probl	em Area?		No
Is this an	Atypical Situat	tion?	0	No	-				
				P	rimary Indica	tors	Secor	ndary Indic	ators
HYDR	OLOGY			Inundated			Ox. rhizospi	heres	Yes
			•	Sat. in Upp	er 12"	Yes	H20-stained	leaves	x.
Depth of	Surf. H2O	a	Inches	Water Mar	'ks		Local Soil S	urvey	
Depth to	Free H20	5	Inches	Drift Lines			FAC Neutra	al Test	
Depth to	Saturation	0	Inches	Sediment D	Deposits		Other		
				Drainage p	atterns		Criteria M	et:	Yes
SOLLS	Mann	od Sariaa	Courtall ailt	1	т	rduia Sail?.		N	
SUILS	Парр	sification.	Sawten sin	rolls	П Drai	yuric Soll?: inage Class:	moderately well drained		
Depth	Matrix	Soil	Redo	x Concentr	ations	Other H	vdric Soil		lancu
(Inches)	Color	Texture*	Color	abundance	e/size/contrast	Field I	ndicators	Comments	
0-10	0-10 10YR 2/1.5 SL 7.5YR 3 10-14 10YR 4/2 SL 10YR 4			few, fine, distinct					
10-14	10-14 10YR 4/2 SL 10YR 4				common, medium, distinct				
								1 	
		L			a a a				
*SD=Sand,	SDL=Sandy Loar	m, L=Loam, S	DCL=Sandy Cl	ay Loam, S=Sil	t, SL=Silt Loam, S	SCL=Silty Clay	Loam, CL=Clay	Loam, C=Clay	Voc
							CILICITIA		1 62
VEGE	TATION				·····		(
Tree	Stratum	(0%)	Status	% Cover	Herbaceou	is Stratum	(85%)	Status	% Cover
		9			Festuca arun	idinacea*		FAC-	20
					Agrostis tenu	us *		FAC	30 20
					Fostuca mubr	5 ·		FACW-	50 10
					Plantago lan	u ceolata		FAC	3
					Holcus lanat	115		FAC	5
Shruh	Stratum	(15%)	Status	% Cover	Galium apar	ine		FACU	2
Fraxinus	latifolia*		FACW	60		aline an			52702
Rosa pisc	carpa*		FAC	40	Woody Vi	ine Stratum	(0%)	Status	% Cover
		7							
		7							
*Percent	of dominant	t species F	AC, FACW	, or OBL:	80%		Criteria M	et:	Yes
Commen	ts:								
L					3		Determinat	tion:	Wetland



Project:		Molall	a LWI	a (A. 1997) (A. 1977) (A. 1977)	Number:	2250	Sample Site	MF	R-1-2	
Applican	t: C	ity of Mola	alla	County:	Clack	amas –	Date:	4/2	5/01	
Investiga	tors:	SE/FS		Township:	5 S	Range:	2E	Section:	9	
Do Norma	al Circumstand	es exist on	this site?	Yes	Is the area a p	otential Prob	lem Area?		No	
Is this an .	Atypical Situa	tion?		No						
			a a	P	rimary Indica	tors	Secor	ndary Indic	ators	
HYDR	OLOGY			Inundated			Ox. rhizospl	heres		
				Sat. in Upp	er 12"		H20-stained	leaves		
Depth of	Surf. H2O		Inches	Water Mar	·ks		Local Soil S	urvey		
Depth to	Free H20	>12	Inches	Drift Lines			FAC Neutra	l Test		
Depth to	Saturation	>12	Inches	Sediment E	Deposits		Other			
				Drainage p	atterns		Criteria M	et:	No.es	
0.011.0		10.1	a							
SOILS	Mapp	ed Series:	Sawtell silt	loam	H	ydric Soil?:	1	No		
Donth	Matrix	Silication:	Utic Argix	v Concentr	Drai ations	Inage Class: model		rately well drained		
(Inches)	Color	Texture*	Color	abundance	e/size/contrast	Field Indicators		Commente		
0-12	10YR 3/2	SL		abunuant	a siba conti ast	110101	nulcutors			
*SD=Sand,	SDL=Sandy Loa	m, L=Loam, S	DCL=Sandy Cl	ay Loam, S=Sil	t, SL=Silt Loam,	SCL=Silty Clay	Loam, CL=Clay	Loam, C=Clay	<u> </u>	
					<u></u>		Criteria M	et:	No	
VEGE	TATION									
Tree	Stratum	(0%)	Status	% Cover	Herbaceou	s Stratum	(25%)	Status	% Cover	
					Festuca arun	ndinacea*		FAC-	50	
					Agrostis tenu	uis*		FAC	50	
			ļ	· · · ·						
							**			
ChL	Stratum	(350/)	Status	% Cover						
Crataeou	s monogyna*	(3370)	FACU+	25						
Cytisus s	coparius*		UPL	30	Woody Vi	ine Stratum	(40%)	Status	% Cover	
Rhamnus	purshiana*		FAC-	45	Rubus ursinu	(S*	(10,0)	FACU	75	
	1				Rubus discol	or*		FACU	25	
8										
*Percent	ercent of dominant species FAC, FACW, or OBL: 14% Criteria Met: No									
Commen	ts:									
	Determination: Upland									



Project:		Molall	a LWI	Number: 2250 Sar			Sample Site	Sample Site MR-3-3	
Applican	t: Ci	ity of Mola	ılla	County:	Clack	amas	Date:	4/2	25/01
Investiga	tors:	SE/FS		Township:	5 S	Range:	2E	Section:	9
Do Norma	al Circumstanc	es exist on	this site?	Yes	Is the area a p	otential Prob	lem Area?		No
Is this an	Atypical Situa	tion?		No					
				P	rimary Indica	tors	Seco	ndary Indic	ators
HYDR	ROLOGY			Inundated			Ox. rhizosp	heres	Yes
				Sat. in Upp	er 12"	Yes	H20-stained	leaves	
Depth of	Surf. H2O		Inches	Water Mar	·ks		Local Soil S	urvey	
Depth to	Free H20	>14	Inches	Drift Lines	_		FAC Neutra	al Test	
Depth to	Saturation	5	Inches	Sediment I	Deposits		Other		
	e transfer and a second			Drainage p	atterns		Criteria M	et. Se	Yes
SOLIS	N/	ad Contact	0	1				N	
SUILS	Mapp	sification:	Sawtell silt	ioam	H Droi	yaric Soll?:		N0	Incined
Denth	Matrix	Soil	Redo	v Concentr	Dial ations	Other H	moder vdric Soil	atery werr c	irained
(Inches)	Color	Texture*	Color	abundance	e/size/contrast	Field I	ndicators	Comments	
0-7	10YR 2/1	SL	5YR 4/6	few, fine, d	istinct			gravelly	5
7-14	10YR 2/1	SL						gravelly	
T									
*SD=Sand,	SDL=Sandy Loa	m, L=Loam, S	DCL=Sandy Cl	ay Loam, S=Sil	t, SL=Silt Loam, S	SCL=Silty Clay	Loam, CL=Clay	Loam, C=Clay	/
							Criteria M	et:	Yes
VEGE	TATION								
Tree	Stratum	(0%)	Status	% Cover	Herbaceou	s Stratum	(100%)	Status	% Cover
			a		Festuca arun	ndinacea*		FAC-	20
					Alopecurus p	oratensis*		FACW	30
					Holcus lanat	us*		FAC	20
			15		Poa pratensi	s*		FAC	20
					Festuca rubr	a	×	FAC+	10
Shruh	Stratum	(0%)	Status	% Cover			592 1		и
Suru	Stratum	(070)	Status	70 CUVCI					
					Woody Vi	ne Stratum	(0%)	Status	% Cover
				2	ž				
	<u> </u>		521						
*Doroont	of dominant	t spacios F	AC FACE	or OPI .	750/		Critoria M	ofe	Vas
Commen	te.	species F.	AC, FAC W	, or OBL:	1370		CILCINA WI	ulle a transfer a station	TC2
Commen					x				
							Determinat	ion:	Wetland
					<u> </u>		1		



					L		1				
Project:		Molall	a LWI	T	Number:	2250	Sample Site	e MH	(-3-4		
Applican	t: C	ity of Mola	alla	County:	Clack	kamas	Date:	4/2	5/01		
Investiga	itors:	SE/FS		Township:	58	Range:	2E	Section:	9		
Do Norm	al Circumstand	ces exist on	this site?	Yes	Is the area a p	ootential Prob	lem Area?		No		
Is this an	Atypical Situa	tion?		No							
				P	rimary Indica	tors	Seco	ndary Indic	ators		
HYDR	ROLOGY			Inundated		đ.	Ox. rhizosp	heres			
۵.				Sat. in Upp	er 12"		H20-stained	leaves			
Depth of	Surf. H2O		Inches	Water Mar	·ks		Local Soil S	urvey			
Depth to	Free H20	>12	Inches	Drift Lines			FAC Neutra	ıl Test			
Depth to	Saturation	>12	Inches	Sediment I	Deposits		Other				
				Drainage p	atterns		Criteria M	et:	No		
				_							
SOILS	Mapp	bed Series:	Sawtell silt	loam	Н	lydric Soil?:		No			
	Clas	sification:	Ultic Argix	erolls	Dra	inage Class:	moder	ately well o	Irained		
Depth	Matrix	Soil	Redo	x Concentr	ations	Other H	ydric Soil	G	and a second second second		
(Inches)	0-12 10YR 2/2 SL			abundanc	e/size/contrast	Fleid I	ndicators	Com	ments		
0-12	0-12 10YR 2/2 SL							with sman	cobble		
*SD=Sand,	SDL=Sandy Loa	m, L=Loam, S	DCL=Sandy Cl	ay Loam, S=Sil	t, SL=Silt Loam,	SCL=Silty Clay	Loam, CL=Clay	Loam, C=Clav			
					in a second		Criteria M	et:	No		
VECH	TATION										
Tree	Stratum	(0%)	Status	% Cover	Herbaceou	is Stratum	(100%)	Status	% Cover		
					Daucus caro	ota	(UPL	10		
					Taraxacum d	officinale		FACU	5		
					Vicia sativa'	*		UPL	20		
					Alopecurus p	pratensis*		FACW	25		
					Geranium ro	obertianum		UPL	5		
				v	Dactylis glor	merata*		FACU	20		
Shrub	Stratum	(0%)	Status	% Cover	Festuca arur	ndinacea		FAC-	10		
							·····		L		
Woody Vine Stratum (0%) Status % Cove									% Cover		
	· · · · · · · · · · · · · · · · · · ·					· · · · · · · · · · · · · · · · · · ·			L		
*Percent	of dominan	t species F.	AC, FACW	, or OBL:	33%		Criteria M	et:	No		
Commen	its:										
	Determination: Upland										



Project:		Molall	a LWI		Number:	2250	Sample Site	CC	-3-5		
Applican	t: C	ity of Mola	Ila	County:	Clack	kamas	Date:	4/2	0/01		
Investiga	tors:	PF/CR		Township:	5 S	Range:	2E	Section:	8		
Do Norma	al Circumstanc	es exist on	this site?	Yes	Is the area a p	otential Prob	lem Area?		No		
Is this an .	Atypical Situa	tion?		No							
[P	rimary Indica	tors	Secor	ndary Indic	ators		
HYDR	ROLOGY			Inundated			Ox. rhizospl	heres			
				Sat. in Upp	er 12"		H20-stained	leaves			
Depth of	Surf. H2O		Inches	Water Mar	'ks		Local Soil S	Survey			
Depth to	Free H20	>14	Inches	Drift Lines			FAC Neutra	l Test	* *		
Depth to	Saturation	>14	Inches	Sediment L	eposits		Other	A Service States	<u> </u>		
L				Drainage p	atterns		Criteria M	et. All starts	NO.		
SOLLS	Mann	ed Series.	Dayton silt	loam	ц	vdrie Soil?•		Vec			
SUILS	Clas	sification:	Typic Alba	qualfs	Drai	inage Class:	nc	i cs orly draine	b		
Depth	Matrix	Soil	Redo	x Concentra	ations	Other Hydric Soil			<u>, , , , , , , , , , , , , , , , , , , </u>		
(Inches)	Color	Texture*	Color	abundance	e/size/contrast	Field I	ndicators	Com	ments		
0-4	0-4 10YR 3/2 SCL 4-14 10YR 3/2 SCL 7.5YR 4										
4-14	10YR 3/2	SCL	7.5YR 4/6	few, medium, distinct							
					a	2					
*SD-Sond	SDI -Sandy Las	L-Loom S	DCI - Sandu Cl	Loom C-Cil	t CICilt I com	SCI -Silty Clay		Loom C-Clor			
<u>3D-3aiid,</u>	SDL-Salidy Loa	III, L-LUaIII, 3		ay Loani, 3–31	t, SL-Sht Loan,		Criferia M	Loani, C-Clay	Ves		
							Brain Salahan S				
	Stratum	(20%)	Status	% Cover	Harbacaou	is Stratum	(80%)	Status	% Cover		
Pinus svl	vestris*		NOL	90	Enilohium w	atsonii*	(0070)	FACW-	60		
Populus t	richocarpa		FAC	10	Chrysanthen	num leucanth	iemum	UPL	10		
1					Geranium ro	bertianum		UPL	5		
	· · ·				Cardamine c	oligosperma		FAC	5		
					Crepis setos	a		UPL	5		
					Taraxacum o	officinale		FACU	5		
Shrub	Stratum	(0%)	Status	% Cover	Panicum cap	villare		FACU+	5		
						10					
	1				Woody V	ine Stratum		Status	% Cover		
ļ		ä									
*Percent	of dominant	t species F.	AC, FACW	, or OBL:	100%		Criteria Mo	et: de la com	Yes		
Commen	ts:										
	* <i>a</i>										
	Determination: Upland										



Project.	Proiect: Molalla LWI				Number	2250	Comple Site	00	3.6
Annlinen		With of Mal		Country	Charles Charles		Data:	<u>//20/01</u>	
Applican	<u>u. </u>	ny of Mol		County:		amas	IDate:	4/2	0/01
investiga		PF/CR		1 ownship:		Range:	ZE	Section:	8
Do Norm	al Circumstan	ces exist on	this site?	Yes	Is the area a p	otential Prob	lem Area?		No
Is this an	Atypical Situa	ation?		No			1111 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
				, P	rimary Indica	tors	Secon	idary Indic	ators
HYDR	ROLOGY			Inundated		Yes	Ox. rhizospl	heres	Yes
	0 6 1100	2		Sat. in Upp	er 12"	Yes	H20-stained	leaves	
Depth of	Suri. H2O	3	Inches	Water Mai	·KS		Local Soil S	urvey	2
Depth to	Free H20 Soturation	0	Inches	Drift Lines	lonosita		FAC Neutra	li i est	
Deptil to	Saturation	U	Inches	Seuiment L	veposits	V	Other		States Particular
				Drainage p	atterns	Yes	CELEFRAM	9034	Yes
SOLLS	Manı	ned Series:	Dayton silt	loam	Ч	vdric Soil?		Vec	
SOILS	Clas	sification:	Typic Alba	analfs	II Drai	inage Class	n na	1 CS	he
Depth	Matrix	Soil	Redo	x Concentr	ations	Other H	vdric Soil		
(Inches)	Color	Texture*	Color	abundance/size/contrast		Field Indicators		Comments	
0-14	10YR 4/2	SCL	7.5YR 4/6	common, n	nedium, promi	nent			5
*SD=Sand,	SDL=Sandy Loa	im, L=Loam, S	DCL=Sandy Cl	ay Loam, S=Sil	t, SL=Silt Loam,	SCL=Silty Clay	Loam, CL=Clay	Loam, C=Clay	/
						· · · · · · · · · · · · · · · · · · ·	Criteria M	et:	Yes
VEGE	ETATION								-
Tree	Stratum	(0%)	Status	% Cover	Herbaceou	is Stratum	(90%)	Status	% Cover
					Epilobium w	atsonii*		FACW-	60
e				1	Juncus ensife	olius		FACW	10
					Juncus tenui.	<i>S</i>		FACW-	10
10					Agrostis teni	uis*		FAC	20
CL	- C4	(100/)	Stat	0/ Com					
Domulua	D Stratum	(10%)	Status	% Cover					2
η οραίας ι	richocurpu		FAC	100	Woody Vi	ing Stratum		Status	% Cover
					woody vi	ine Stratum		Status	70 COTCI
				L					
*Percent	of dominan	t species F	AC, FACW	, or OBL:	100%		Criteria Mo	et:	Yes
Commen	Comments:								
							Determinat	ion:	Wetland



Project:		Molal	a LWI	.	Number:	2250	Sample Site CC-4-7		
Applican	.t: <u>C</u>	ity of Mola	alla	County:	Clack	kamas	Date:	5/	1/01
Investiga	tors:	SE/PF		Township:	58	Range:	2E	Section:	8
Do Norma	al Circumstan	ces exist on	this site?	Yes	Is the area a p	otential Prob	lem Area?	1.7.1	No
Is this an .	Atypical Situa	ation?		No					
		s		P	rimary Indica	tors	Secor	idary Indic	ators
HYDR	ROLOGY			Inundated			Ox. rhizospl	heres	
				Sat. in Upp	er 12"		H20-stained	leaves	
Depth of a	Surf. H2O		Inches	Water Mar	·ks		Local Soil S	urvey	
Depth to 1	Free H20	>14	Inches	Drift Lines			FAC Neutra	l Test	
Depth to	Saturation	>14	Inches	Sediment D	Deposits		Other		
				Drainage p	atterns		Criteria M	et:	No th
	Ман	and Cardon	D (1)	t loom Hydric Soil?				X 7	·
SOILS	wiapj Clas	scification:	Dayton silt	loam	H Droi	yaric Soli /: inaga Class:	s: poorly drained		
Denth	Matrix	Soil	Typic Alba	v Concentr	ations	Other H	vdric Soil		<u></u>
(Inches)	Color	Texture*	Color	abundance/size/contrast Fig			ndicators	Com	ments
0-14	0-14 10YR 3/2 SL								
					<u>.</u>				
*SD=Sand,	SDL=Sandy Loa	am, L=Loam, S	DCL=Sandy Cl	ay Loam, S=Sil	t, SL=Silt Loam,	SCL=Silty Clay	Loam, CL=Clay	Loam, C=Clay	/
	······		<u></u>			<u></u>	Criteria M	et:	No
VEGE	TATION								
Tree	Stratum	(0%)	Status	% Cover	Herbaceou	is Stratum	(100%)	Status	% Cover
					Festuca arur	ndinacea*		FAC-	65
					Cirsium vulg	gare	FACU 1		
			2		Hypochaeris	radicata		FACU	5
					Taraxacum o	officinale		FACU	10
		5	-		Trifolium pro	atense	5	FACU	10
	<u></u>	(00/)	C4+4	0/ 0					
Shrub	Stratum	(0%)	Status	% Cover			~		
					Woody Vi	ine Stratum	(0%)	Status	% Cover
					woody vi	ine Stratum	(070)	Status	70 00101
						a			
*Percent	of dominan	t species F	AC, FACW	, or OBL:	0%		Criteria Mo	et:	No
Commen	its:			150	đ				
							6:://www.co.co.co.co.co.co.co.co.co.co.co.co.co.		
					31.		Determinat	ion:	Upland



D .:			X XX/X			2250		00	4.0	
Project:		Molai		T	INumber:	2250	Sample Site CC-4-8			
Applican	t: C	ity of Mola	alla <u>sea a</u> lla sea alla s	County:	Clack	kamas	Date:	5/	1/01	
Investiga	tors:	SE/PF		Township:	<u>5S</u>	Range:	<u>2E</u>	Section:	8	
Do Norma	al Circumstand	ces exist on	this site?	Yes	Is the area a p	otential Prob	lem Area?		No	
Is this an A	Atypical Situa	tion?		No						
	·····			P	rimary Indica	tors	Seco	ndary Indic	ators	
HYDR	OLOGY			Inundated	-		Ox. rhizospl	heres		
				Sat. in Upp	er 12"		H20-stained	leaves		
Depth of S	Surf. H2O	<1	Inches	Water Mar	·ks		Local Soil S	oil Survey		
Depth to I	Free H20		Inches	Drift Lines			FAC Neutra	l Test		
Depth to a	Saturation	0	Inches	Sediment I	Deposits		Other			
				Drainage p	atterns	Yes	Criteria M	Criteria Met: 20 Mes X es X		
SOILS	Mapp	oed Series:	Dayton silt	t loam Hydric Soil?:			:	Yes		
	Clas	sification:	Typic Alba	qualfs	Dra	ainage Class: poorly drained			ed	
Depth	Matrix	Soil	Redo	ox Concentrations Other			er Hydric Soil			
(Inches)	Color	Texture*	Color	abundance	e/size/contrast	Field I	ndicators	Com	ments	
0-6	0-6 10YR 3/1 SCL 6-14 10YR 3/1 SCL 7.5YR 4			for modin		2		lots of orga	anic	
0-14	6-14 10YR 3/1 SCL 7.5YR 4				5 few, medium, distinct					
*SD=Sand	SDL=Sandy Loa	m L=Loam S	L DCL=Sandy Cl	av Loam S=Sil	t_SL=Silt Loam	I SCL=Silty Clay	Loam CL=Clay	Loam C=Clay	,	
				-,,	,,		Criteria M	et:		
	TATION				<u> </u>					
VEGE	Stratum	(00/)	Status	0/ Correr	TTankaaaa		(950/)	Status	0/ Cover	
<u>I ree</u>	Stratum	(0%)	Status	% Cover	Dhalavia and	is Stratum	(85%)	FACW	% Cover	
					Calium anar	inainacea ·		FACW	90 10	
					Ounum apar	ine		FACU	10	
								1		
				e.						
								7		
Shrub	Stratum	(0%)	Status	% Cover						
					Woody Vi	ine Stratum	(15%)	Status	% Cover	
					Solanum dul	camara*		FAC+	100	
*Percent	of dominan	t species F.	AC, FACW	, or OBL:	100%		Criteria Me	et:	Yes	
Comments:										
						ž				
						*	Determinat	ion:	Wetland	



Project:	<u></u>	Molall	a LWI		Number:	2250	Sample Site	<u> </u>	-9A-9	
Applican	t: C	ity of Mola	illa	County:	Clack	camas	Date:	4/2	0/01	
Investiga	tors:	PF/CR		Township:	5 S	Range:	2E	Section:	8	
Do Norma	al Circumstan	ces exist on	this site?	Yes	Is the area a p	otential Prob	lem Area?		No	
Is this an .	Atypical Situa	tion?		No						
	······································			P	imary Indica	tors	Secor	ndary Indic	ators	
HYDR	ROLOGY			Inundated	-	Yes	Ox. rhizosp	heres	Yes	
				Sat. in Upp	er 12"	Yes	H20-stained	leaves		
Depth of	Surf. H2O	<1	Inches	Water Mar	ks		Local Soil S	urvey		
Depth to	Free H20	<1	Inches	Drift Lines			FAC Neutra	l Test		
Depth to	Saturation	0	Inches	Sediment D	eposits		Other			
				Drainage p	atterns	Yes	Criteria M	et:	Yes	
				_			8	5		
SOILS	Mapp	bed Series:	Dayton silt	loam	H	Hyaric Soll?: Yes				
Denti	Clas	sification:	Typic Alba	qualts	Drai	inage Class	pc	oorly draine	2d	
Deptn	Matrix	Soll Towture*	Color	ox Concentr	ations	Utner H	ydric Soll			
(110000)	0-14 10YR 2/1 S/C 5Y 3/4 c		abundance	edium distin	ct	nuicators		ments		
0-14	1011 2/1	570	51 5/4		iculum, distin					
									7	
п										
*SD=Sand,	SDL=Sandy Loa	im, L=Loam, S	DCL=Sandy C	lay Loam, S=Sil	t, SL=Silt Loam,	SCL=Silty Clay	Loam, CL=Clay	Loam, C=Clay	/	
							Criteria M	et:	Yes	
VEGE	TATION									
Tree	Stratum	(0%)	Status	% Cover	Herbaceou	is Stratum	(100%)	Status	% Cover	
			2		Ranunculus	repens*		FACW	20	
					Agrostis stol	onifera*		FAC	30	
			3		Carex feta	22		FACW	10	
					Alopecurus p	oratensis		FACW	10	
					Poa annua			FAC	5	
		\$2 \$255 4323 mm mm#		and the second second	Trifolium rep	pens		FAC	5	
Shrub	Stratum	(0%)	Status	% Cover	Trifolium pro	atense		FACU	5	
					Cerastium vi	ulgatum		FACU	5	
				a	Woody Vi	ine Stratum	1	Status	% Cover	
		2								
	2				2			L		
*Percent	of dominan	t species F	AC, FACW	, or OBL:	100%		Criteria Mo	et:	Yes	
Commen	ts:					s *				
	Determination: Wetland									



Draiget		N.C 1 - 11	- T XX/T		Number	2250	Samala Cit	00	Δ <u>Λ_10</u>	
					invuinder:	2230	Sample Site		0/01	
Applican	<u>t:</u> C	ity of Mola	lla	County:	Clack		Date:	4/2	0/01	
Investiga	tors:	PF/CR		Township:	58	Range:	2E	Section:	8	
Do Norma	al Circumstand	ces exist on	this site?	Yes	Is the area a p	ootential Prob	lem Area?		No	
Is this an	Atypical Situa	tion?		No						
				P	rimary Indica	tors	Seco	idary Indic	ators	
HYDR	OLOGY			Inundated			Ox. rhizospl	heres	Yes	
				Sat. in Upp	er 12"		H20-stained	ed leaves		
Depth of	Surf. H2O		Inches	Water Mar	ks		Local Soil S	Survey		
Depth to 2	Free H20	>14	Inches	Drift Lines			FAC Neutra	l Test		
Depth to	Saturation	>14	Inches	Sediment D	Peposits		Other			
			······································	Drainage p	atterns		Criteria M	et:	No No	
			2.6					3		
SOILS	Mapp	bed Series:	Dayton silt	loam	H	ydric Soil?	Yes			
		sification:	Typic Alba	baqualis Drainage (pc	orly draine	ed	
Depth	Matrix	Soll Tantunat	Redo	ox Concentrations Oth			ydric Soll	Com		
(111 cmes)	10VP 2/2	SCI	7 5VD 3/3	abundance	ne distinct	Fleid I	nuicators		ments	
0-14	101 K 2/2	SCL	7.51K 5/5	common, fine, distinct						
*SD=Sand,	SDL=Sandy Loa	m, L=Loam, S	DCL=Sandy Cl	ay Loam, S=Sil	t, SL=Silt Loam,	SCL=Silty Clay	Loam, CL=Clay	Loam, C=Clay	1	
		18-16-19-19-19-19-19-19-19-19-19-19-19-19-19-					Criteria M	et:	Yes	
VECE	TATION									
Tree	Stratum	(0%)	Status	% Cover	Herbaceou	is Stratum	(100%)	Status	% Cover	
		(, , , , ,		,	Festuca arur	ndinacea*	()	FAC-	20	
					Hypochaeris	radicata*		FACU	20	
27					Trifolium pro	atense*		FACU	20	
					Alopecurus p	pratensis		FACW	10	
					Agrostis teni	uis		FAC	5	
		<u>11 141 1 1</u> 11 1214600- 141460	8		Poa pratensi	is		FAC	10	
Shrub	Stratum	(0%)	Status	% Cover	Poa annua			FAC	5	
					Cerastium vi	ulgatum		FACU	10	
					Woody V	ine Stratum	(0%)	Status	% Cover	
								¢.		
						5 				
*Percent	<u>of dominan</u>	t species F	AC, FACW	, or OBL:	0%	6	Criteria M	et:	No	
Commen	ts:				5					
					2		-	· marine and		
			······				Determinat	lon:	Upland	



Project:	e ⁸	Molall	a LWI		Number:	2250	Sample Site	CC-	9B-11
Applican	t: Ci	ity of Mola	illa	County:	Clack	amas	Date:	4/2	0/01
Investiga	tors:	PF/CR		Township:	5 S	Range:	2 E	Section:	8
Do Norma	al Circumstanc	es exist on	this site?	Yes	Is the area a p	otential Probl	em Area?		No
Is this an	Atypical Situa	tion?		No	9 				
				P	rimary Indica	tors	Secor	idary Indic	ators
HYDR	OLOGY			Inundated			Ox. rhizospl	heres	
				Sat. in Upp	er 12"		H20-stained	leaves	
Depth of	Surf. H2O	170 Avia 500	Inches	Water Mar	ks		Local Soil Survey		
Depth to	Free H20	>14	Inches	Drift Lines			FAC Neutra	l Test	
Depth to	Saturation	>14	Inches	Sediment I	eposits		Other		
				Drainage p	atterns		Griteria M	ot. See the	No
SOLIS	Monn	od Comiser	Desident all	1	TT	- Juin Call9.		¥7	
SOILS	марр Сlas	sification.	Dayton silt	10am qualfe	H Drai	yuric Soll?:	noorly drained		
Denth	Matrix	Soil	Redo	ox Concentrations Of almage			vdric Soil		<u>u</u>
(Inches)	Color	Texture*	Color	abundance	e/size/contrast	Field Ir	ndicators	Com	ments
0-14	0-14 10YR 3/2 SL 7.5YR 3/			few, fine, fa	aint				
					a ma ⁿ na -a				
*SD=Sand,	SDL=Sandy Loa	m, L=Loam, S	DCL=Sandy Cl	ay Loam, S=Sil	t, SL=Silt Loam,	SCL=Silty Clay	Loam, CL=Clay	Loam, C=Clay	
	7			2			Criteria M	et:	Yes
VEGE	TATION			-	÷				
Tree	Stratum	(0%)	Status	% Cover	Herbaceou	is Stratum	(100%)	Status	% Cover
					Alopecurus p	oratensis		FACW	20
					Taraxacum d	officinale		FACU	10
					Festuca arun	idinacea*		FAC-	20
					Agrostis tenu	us		FAC	10
					Trifolium pro	uense hinne		FACU	5
Shrub	Stratum	(0%)	Statue	% Cover	Trijolium au Carex sp	oum	FACW	- FACW-	5 10
SILID	SHALUII	(0/0)	Status	70 COver	Daucus caro	ta	FACW		5
					Ranunculus	renens		FACW	10
					Plantago ma	ior		FACU+	5
					Woody Vi	ine Stratum	(0%)	Status	% Cover
					<u> </u>		、 <u> </u>		
<u> </u>				<u> </u>				·	
*Percent	of dominant	t species F.	AC, FACW	, or OBL:	50%		Criteria Mo	et:	No
Commen	ts:								
								•	
							Determinat	ion:	Upland



Project:		Molall	a L WI		Number	2250	Sample Site	-00	9B-12
Applican	t· C	ity of Mole		County:	Clack	2250 Zamas	Date:	<u>//</u>	0/01
Investiga	tors:	DE/CD		Townshin [.]	55	Range.	2F	Section:	8
Do Norm	al Circumstan	IF/CK	this site?	Vos	Is the erec or	actantial Drah	10m Aron?	Beetion.	No
Is this an	Atunical Situa	tion?	uns site?	No	is uic aica a p	Jolennai Fiud	Ichi Alca!		INO
				D	rimeany Indiaa			dany India	
HVDR	OLOGY			L Inundated	mary more	<u>uors</u>	Ov rhizospl	luary Indic	<u>ators</u> Ves
				Sat. in Upn	er 12"	Yes	H20-stained	leaves	103
Depth of	Surf. H2O		Inches	Water Mar	·ks	200	Local Soil S	urvev	
Depth to	Free H20	3	Inches	Drift Lines			FAC Neutra	l Test	0
Depth to	Saturation	0	Inches	Sediment I	Deposits		Other		
				Drainage p	atterns	Yes	Criteria M	t. The second	Yes
2				~					
SOILS	Mapp	ed Series:	Dayton silt	loam	, H	(ydric Soil?:	1	Yes	
	Clas	sification:	Typic Alba	qualfs	Dra	inage Class:	pcpc	orly draine	ed
Depth	Matrix	Soil	Redo	x Concentr	ations	Other H	ydric Soil	~	
(Inches)	Color	Texture*	Color	abundanc	e/size/contrast	Field I	ndicators	Com	ments
0-14	10YK 2/1	SIC	5Y 3/4	common, n	iedium, distin	CT			
				10		3			
*SD=Sand,	SDL=Sandy Loa	m, L=Loam, S	DCL=Sandy Cl	ay Loam, S=Sil	t, SL=Silt Loam,	SCL=Silty Clay	Loam, CL=Clay	Loam, C=Clay	,
	and the second of				<u>,</u>		Criteria Me	et:	Yes
VECE	TATION								
Tree	Stratum	(60%)	Status	% Cover	Herbaceou	us Stratum	(40%)	Status	% Cover
Fraxinus	latifolia*		FACW	100	Camassia qu	uamash*		FACW	30
	•				Carex pratic	cola*		FACW	20
					Taraxacum d	officinale		FACU	5
				• •	Lotus cornic	rulatus		FAC	15
27 25					Vicia sativa			UPL	10
					Epilobium w	vatsonii		FACW-	5
Shrub	Stratum	(0%)	Status	% Cover	Trifolium rep	pens		FAC	10
									N/ C
					Woody V	ine Stratum	L	Status	% Cover
			2						
				r.					
	2				I		ă		
*Percent	of dominan	t species F	AC, FACW	, or OBL:	100%	i	Criteria Mo	et:	Yes
Commen	its:								
			and the second second				Determinat	ion:	Wetland



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						11				
Project:		Molall	a LWI		Number:	2250	Sample Site CC-9B-13			
Applican	it: C	ity of Mola	alla	County:	Clack	kamas	Date:	4/2	0/01	
Investiga	tors:	PF/CR		Township:	5 S	Range:	2E	Section:	8	
Do Norma	al Circumstan	ces exist on	this site?	Yes	Is the area a p	otential Prob	lem Area?		No	
Is this an	Atypical Situa	tion?		No	200	14				
				P	rimary Indica	tors	Secor	idary Indic	ators	
HYDR	ROLOGY			Inundated			Ox. rhizospl	heres		
				Sat. in Upp	er 12"		H20-stained	leaves		
Depth of	Surf. H2O		Inches	Water Mar	ks		Local Soil S	Survey		
Depth to	Free H20	>14	Inches	Drift Lines	**C		FAC Neutra	l Test		
Depth to	Saturation	>14	Inches	Sediment I	eposits		Other			
		<u> </u>	5	Drainage p	atterns		Criteria M	et.	No 🎨	
SOUS	Man	ad Series	Dest	1	TT			X7		
SUILS	Iviapp Class	sification	Dayton sill	10am	H Droi	yaric Soll?:		Y es		
Depth	Matrix	Soil	Typic Alba	ox Concentrations Other H			poorly drained			
(Inches)	Color	Texture*	Color	abundance	/size/contrast	Field I	ndicators	Com	ments	
0-14	10YR 3/2	SL								
								a.		
		,		<u></u>	· · · · · · · · · · · · · · · · · · ·	ļ	· <u></u>			
*SD=Sand,	SDL=Sandy Loa	m, L=Loam, S	DCL=Sandy C	lay Loam, S=Sil	t, SL=Silt Loam,	SCL=Silty Clay	Loam, CL=Clay	Loam, C=Clay	/	
			·····				Criteria M	et:	No	
VEGE	ETATION							25.57.M2 · 0.		
Tree	Stratum	(0%)	Status	% Cover	Herbaceou	is Stratum	(100%)	Status	% Cover	
		(8)			Festuca arur	ndinacea		FAC-	10	
					Daucus caro	ota*		UPL	30	
					Cirsium arve	ense*		FACU+	20	
		3			Taraxacum o	officinale		FACU	10	
					Cnrysaninen	num leucanti	iemum	UPL	10	
Shrub	Stratum	(0%)	Statue	% Cover	Alonecurus z	oratonsis		FAC	10 5	
	, Su atulli	(0/0)	Status	70 COVEL	Agrastis tem	nucusis nis		FAC	5	
			a *		Woody Vi	ine Stratum	(0%)	Status	% Cover	
						7				
	91			1						
*Percent	ot dominan	t species F.	AC, FACW	, or OBL:	0%		Criteria Mo		NO	
Commen	its:									
							D. March 199			
			2				Determinat	10n:	upland	



Project:		Molal	la LWI		Number:	2250	Sample Site	BC-	1A-14
Applican	it: (City of Mola	alla	County:	Clack	kamas	Date:	5/	1/01
Investiga	itors:	SE/PF	ь.	Township:	58	Range:	2E	Section:	7
Do Norm	al Circumstan	nces exist on	this site?	Yes	Is the area a p	otential Prob	lem Area?		No
Is this an	Atypical Situ	ation?		No					
				P	imary Indica	tors	Secor	ndary Indic	ators
HYDR	ROLOGY			Inundated	ie -		Ox. rhizospl	heres	
				Sat. in Upp	er 12"	Yes	H20-stained	leaves	
Depth of	Surf. H2O		Inches	Water Mar	·ks		Local Soil S	urvey	
Depth to	Free H20	>14	Inches	Drift Lines			FAC Neutra	l Test	
Depth to	Saturation	0	Inches	Sediment L	eposits		Other	and the second statement	
				Drainage p	atterns	Yes	Criteria M	et: A state	Yes
SOLLS	Man	ned Series	Aloha silt 1	oam	п	vdrie Sail?.		No	
SOILS	Сія	ssification.	Aquic Vero	chrents	n Drei	inage Clase	ss: somewhat poorly drained		
Depth	Matrix	Soil	Redo	x Concentr	ations	Other H	vdric Soil		
(Inches)	Color	Texture*	Color	abundance	e/size/contrast	Field I	ndicators	Com	ments
0-14	2.5Y 5/1	SCL	10YR 4/6	many, coars	se, prominent				
				4					
			s.						
*SD=Sand,	SDL=Sandy Lo	am, L=Loam, S	DCL=Sandy Cl	ay Loam, S=Sil	t, SL=Silt Loam,	SCL=Silty Clay	Loam, CL=Clay	Loam, C=Clay	
		140 					Criteria M	et:	Yes
VEGE	ETATION				•				
Tree	Stratum	(0%)	Status	% Cover	Herbaceou	is Stratum	(100%)	Status	% Cover
					Festuca arun	ndinacea*		FAC-	35
				9	Phalaris aru	ndinacea		FACW	15
					Carex stipato	a*		OBL	20
					Juncus effusi	us*		FACW	- 30
Shrub	Stratum	(0%)	Status	% Cover					
Shiut	Suatuli	(0/0)	Starus	70 00001					
					Woody Vi	ine Stratum	(0%)	Status	% Cover
				3					
*Percent	of domina	nt species F	AC, FACW	or OBL:	67%		Criteria Ma	et:	Yes
Commen	its:								
							Determinat	ion:	Wetland



Project:	2 C	Molall	a LWI		Number:	2250	Sample Site	Sample Site BC-1A-15			
Applican	t: C	ity of Mola	illa	County:	Clack	kamas	Date:	5/	1/01		
Investiga	tors:	SE/PF		Township:	5 S	Range:	2E	Section:	7		
Do Norma	al Circumstan	ces exist on	this site?	Yes	Is the area a p	otential Probl	em Area?		No		
Is this an .	Atypical Situa	ation?		No					τ.		
				P	rimary Indica	tors	Secor	ndary Indic	ators		
HYDR	ROLOGY			Inundated			Ox. rhizospl	heres			
				Sat. in Upp	er 12"		H20-stained	leaves			
Depth of	Surf. H2O		Inches	Water Mar	·ks		Local Soil S	urvey			
Depth to	Free H20	>12	Inches	Drift Lines	5. 		FAC Neutra	l Test			
Depth to	Saturation	>12	Inches	Sediment L	Deposits		Other	and the second second second			
L				Drainage p	atterns		Criteria M	et:	No C		
SOLIS	Man	nad Sarias.	Aloho cilt 1	0.077	n	varia Sail?.		Na			
SOILS	Сія	ssification.	Aquic Xero	ochrents	Drai	inage Class	somew	INO hat noorly	drained		
Depth	Matrix	Soil	Redo	lox Concentrations Other H			vdric Soil				
(Inches)	Color	Texture*	Color	abundance/size/contrast Field I			Indicators Comments				
0-12	10YR 3/2	SL					refused at 12 inches				
							۵. ۱	by rock			
2				8					с с		
*SD=Sand,	SDL=Sandy Loa	am, L=Loam, S	DCL=Sandy Cl	ay Loam, S=Sil	t, SL=Silt Loam,	SCL=Silty Clay	Loam, CL=Clay	Loam, C=Clay	No		
		• tt.					CILCII	UL, the second	and the second		
	TATION	(00/)	<u><u> </u></u>	0/ 0		<u></u>	(1009/)		0/ 0		
<u> </u>	Stratum	(0%)	Status	% Cover	Herbaceou	<u>Is Stratum</u>	(100%)	Status	[%] Cover		
					Trifolium pr	atonso*		FACI	20		
					Cardamine o	nligosperma		FAC	5		
					Vicia americ	cana		FAC	10		
					Myosotis dis	color	9	FACW	10		
					Daucus caro	ota		UPL	10		
Shrub	Stratum	(0%)	Status	% Cover	Parentucelli	a viscosa		FAC-	10		
4											
		27			Woody V	ine Stratum	(0%)	Status	% Cover		
			8						2		
····									L		
*Percent	of dominan	t species F.	AC, FACW	, or OBL:	0%		Criteria Mo	et: 👔 📲	No -		
Commen	ts:	on berm b	y sewage po	ond							
							Determinat	ion:	Upland		



Project:		Molal	a LWI		Number:	2250	Sample Site	ple Site BC-1A-16				
Applican	it: C	ity of Mola	ılla	County:	Clack	amas	Date:	5/	1/01			
Investiga	tors:	SE/PF		Township:	5 S	Range:	2 E	Section:	7			
Do Norma	al Circumstand	ces exist on	this site?	Yes	Is the area a p	otential Prob	lem Area?	3 E	No			
Is this an	Atypical Situa	tion?		No								
				P	rimary Indicat	tors	Seco	ndary Indic	ators			
HYDR	ROLOGY			Inundated			Ox. rhizosp	heres	Yes			
				Sat. in Upp	er 12"	Yes	H20-stained	leaves				
Depth of	Surf. H2O		Inches	Water Mar	·ks		Local Soil S	urvey				
Depth to	Free H20	2	Inches	Drift Lines			FAC Neutra	l Test				
Depth to	Saturation	0	Inches	Sediment D	Deposits		Other					
				Drainage p	atterns	Yes	Criteria M	et:	Yes			
SOUS	R <i>T</i>	od Conte	41.1 1.1					NT				
SUILS	Mapp	sification	Alona silt l	oam	H) Droi	yaric Soll?: naga Class		NO hot poorles	drained			
Denth	Matrix	Soil	Redo Redo	v Concentr	Dial	Other H	vdric Soil	liat poorty	uramed			
(Inches)	Color	Texture*	Color	abundance	e/size/contrast	Field I	ndicators	Com	ments			
0-2	10YR 3/2	SCL	7.5YR 4/6	few, medium, distinct								
2-14	5Y 3/1	SCL	10YR 4/6	common, n	nedium, distind	t						
				e								
*SD=Sand,	SDL=Sandy Loa	m, L=Loam, S	DCL=Sandy Cl	ay Loam, S=Sil	t, SL=Silt Loam, S	SCL=Silty Clay	Loam, CL=Clay	Loam, C=Clay	/			
		<u></u>					Criteria M	et:	Yes			
VEGE	ETATION					C						
Tree	Stratum	(0%)	Status	% Cover	Herbaceou	s Stratum	(100%)	Status	% Cover			
					Typha latifol	ia*		OBL	20			
			95		Juncus effusi	ıs		FACW	10			
					Alopecurus g	geniculatus*		OBL	35			
(m)					Eleocharis o	vata *		OBL	10			
					Hoicus lanat	us "		FAC OPI	20			
Shrub	Stratum	(0%)	Status	% Cover	Curex supul	6 .		ODL	5			
Shiul	, Suatulli	(0/0)	Jaius	70 0000								
					Woody Vi	ne Stratum	(0%)	Status	% Cover			
	10 0 1 - 0 - 00 - 00											
*Dercent	of dominan	t species F	AC FACW	or OBI ·	100%		Critoria M	ate states	Vec			
Commen	te.		au, rau w		100 /0		Territoria Mi		TC3			
Commen												
							Determinat	ion:	Wefland			
							I-see and the		I TO WE WE DE ALL CE			



Project:		Molall	a LWI		Number:	2250	Sample Site	BC-	1A-17	
Applican	t: C	ity of Mola	illa	County:	Clack	kamas	Date:	5/	1/01	
Investiga	tors:	SE/PF		Township:	5S	Range:	2 E	Section:	7	
Do Norma	al Circumstan	ces exist on	this site?	Yes	Is the area a p	otential Prob	lem Area?		No	
Is this an A	Atypical Situa	tion?		No						
			(113, 113)	P	imary Indica	tors	Secor	idary Indic	ators	
HYDR	OLOGY			Inundated			Ox. rhizospl	ieres		
				Sat. in Upp	er 12"		H20-stained	leaves		
Depth of	Surf. H2O		Inches	Water Mar	ks		Local Soil Survey			
Depth to 1	Free H20	>14	Inches	Drift Lines			FAC Neutral Test			
Depth to S	Saturation	>14	Inches	Sediment D	eposits		Other			
		¥.		Drainage p	atterns		Criteria M	et:	No.2	
SOLLS	Man	and Souther	Alaha - 141	0.000				NI-		
SUILS	Mapp Class	sification	Alona Sht I	udin ochrents	H	yuric Soli?:	المناجم مرجم	INO	drained	
Depth	Matrix		Redo	x Concentr	ations	Other H	vdric Soil	liat poorty	uramed	
(Inches)	Color	Texture*	Color	abundance	/size/contrast	Field I	ndicators	Com	ments	
0-14	10YR 4/3	SL								
						4				
								- I	0	
*SD=Sand,	SDL=Sandy Loa	im, L=Loam, S	DCL=Sandy Cl	ay Loam, S=Sil	t, SL=Silt Loam,	SCL=Silty Clay	Loam, CL=Clay	Loam, C=Clay	/	
							Criteria Mo	:	No	
VEGE	TATION								10 A C	
Tree	Stratum	(0%)	Status	% Cover	Herbaceou	ıs Stratum	(100%)	Status	% Cover	
					Cirsium arve	ense		FACU+	10	
			at a second s		Trifolium re _l	pens*		FAC	20	
8					Holcus lanat	tus*		FAC	20	
					Poa annua*			FAC	20	
					Dactylis glor	merata*		FACU	25	
		(0.04)		N 6	Rumex crisp	us		FAC+	3	
Shrub	Stratum	(0%)	Status	% Cover						
		a.			Woody V	ing Stratum	(0.0/)	Status	% Cover	
8		i			woody V	me stratum	(0%)	Status	70 Cover	
				и						
-						<u></u>				
*Percent	of dominan	t species F	AC, FACW	, or OBL:	75%		Criteria M	et:	Yes	
Commen	ts:			The second s				A CONTRACTOR OF		
									1	
	~			2			Determinat	ion:	Upland	



Project:		Molall	a LWI		Number:	2250	Sample Site	BC-	1A-18	
Applican	t: C	ity of Mola	ılla	County:	Clack	kamas	Date:	5/	1/01	
Investiga	tors:	SE/PF		Township:	5 S	Range:	2E	Section:	7	
Do Norma	al Circumstan	ces exist on	this site?	Yes	Is the area a p	otential Prob	lem Area?		No	
Is this an .	Atypical Situa	tion?		No						
				P	rimary Indica	tors	Secor	ndary Indic	ators	
HYDR	ROLOGY		125	Inundated			Ox. rhizospl	heres		
	-			Sat. in Upp	er 12"		H20-stained	leaves		
Depth of	Surf. H2O		Inches	Water Mar	·ks		Local Soil Survey			
Depth to	Free H2U	>14	Inches	Drift Lines			FAC Neutra	ll Test		
Depin to	Saturation	~14	Inches	Sediment L	reposits		Other	A Press	State 1	
				Drainage p			CHIERAM			
SOILS	Mapr	oed Series:	Aloha silt l	oam	Н	vdric Soil?:		No		
	Clas	sification:	Aquic Xero	ochrepts	ots Drainage Class: some			what poorly drained		
Depth	Matrix	Soil	Redo	ox Concentrations		Other Hydric Soil				
(Inches)	Color	Texture*	Color	abundanc	e/size/contrast	Field I	ndicators	Com	ments	
0-14	10YR 3/2	SL				0			8	
a										
*SD=Sand,	SDL=Sandy Loa	ım, L=Loam, S	L DCL=Sandy Cl	ay Loam, S=Sil	t, SL=Silt Loam,	SCL=Silty Clay	Loam, CL=Clay	L. Loam, C=Clav		
				• • •	<u> </u>		Criteria Mo	et:	No	
VEGE	TATION									
Tree	Stratum	(0%)	Status	% Cover	Herbaceou	is Stratum	(100%)	Status	% Cover	
					Festuca arun	ndinacea*	. <u>An e 1997 - 199</u> â a s	FAC-	35	
					Cerastium vı	ulgatum		FACU	10	
					Poa annua*			FAC	25	
					Alopecurus p	oratensis		FACW	15	
					Vicia americ	rana		FAC	10	
Chruh	Ctratum	(0.0/,)	Status	% Covor				3		
Suru		(070)	Status	70 COVEI						
					Woody Vi	ine Stratum	(0%)	Status	% Cover	
*Percent	of dominan	t species F.	AC, FACW	, or OBL:	50%		Criteria Me	et:	No	
Commen	ts:		menter - reconsideration							
		3								
							Determinat	ion:	Upland	



·						718-20-				
Project:		Molal	a LWI		Number:	2250	Sample Site	ample Site BC-1A-19		
Applican	t: C	ity of Mola	alla	County:	Clack	kamas	Date:	5/	1/01	
Investiga	tors:	SE/PF		Township:	5 S	Range:	2E	Section:	7	
Do Norma	al Circumstan	ces exist on	this site?	Yes	Is the area a p	otential Prob	lem Area?		No	
Is this an .	Atypical Situa	ation?		No						
				P	rimary Indica	tors	Secon	ndary Indic	ators	
HYDR	OLOGY	4		Inundated			Ox. rhizospl	heres	Yes	
				Sat. in Upp	er 12"	Yes	H20-stained	leaves		
Depth of	Surf. H2O		Inches	Water Mai	·ks		Local Soil S	urvey		
Depth to 1	Free H20	6	Inches	Drift Lines			FAC Neutra	l Test	1	
Depth to :	Saturation	0	Inches	Sediment I	Deposits		Other			
			5	Drainage p	atterns	Yes	Criteria M	et: 1799	Yes .	
SOLIS	Mon	nod Contorn	A 1 - 1	-				NT		
SOILS	[viap]	ped Series:	Alona silt I	oam	H Droi	yaric Soil?		INO what poorly drained		
Denth	Matrix	Soil	Aquic Acio	v Concentr	ations	Other H	somew	hat poorly	urained	
(Inches)	Color	Texture*	Color	abundanc	e/size/contrast	Field I	ndicators	Com	ments	
0-4	10YR 5/3	SCL	10YR 4/6	few, coarse	, distinct					
4-14	5Y 4/1	SL		,						
*SD=Sand,	SDL=Sandy Loa	am, L=Loam, S	DCL=Sandy Cl	ay Loam, S=Sil	t, SL=Silt Loam,	SCL=Silty Clay	Loam, CL=Clay	Loam, C=Clay	1	
							Criteria Mo	et:	Yes	
VEGE	TATION									
Tree	Stratum	(0%)	Status	% Cover	Herbaceou	is Stratum	(100%)	Status	% Cover	
					Epilobium w	atsonii		FACW-	5	
					Rumex crisp	us		FAC+	2	
				12	Alopecurus g	geniculatus*	-	OBL	75	
	•1	a.	1		Eleocharis o	vata		OBL	5	
					Juncus effusi	us		FACW	10	
	<u></u>	(00/)	 C4 - 4	0/ 0	21 21	æ				
Shrub	Stratum	(0%)	Status	% Cover						
		~			Woody Vi	ine Stratum	(0%)	Status	% Cover	
					- Woody Vi	ine Stratum		Status	70 00001	
				. <u> </u>	I					
*Percent	of dominan	t species F.	AC, FACW	, or OBL:	100%		Criteria Me	et:	Yes .	
Commen	ts:									
	9									
		2					Determinat	ion:	Wetland	



Project:		Molal	a LWI		Number:	2250	Sample Site	BC-	1B-20	
Applican	t: C	city of Mola	alla	County:	Clack	amas	Date:	5/	 1/01	
Investiga	tors:	SE/PF		Township:	58	Range:	2E	Section:	7	
Do Norma	al Circumstan	ces exist on	this site?	Yes	Is the area a p	otential Probl	em Area?		No	
Is this an .	Atypical Situ:	ation?		No						
	······································			P	rimary Indica	tors	Seco	ndary Indic	ators	
HYDR	ROLOGY			Inundated	•		Ox. rhizosp	heres		
				Sat. in Upp	er 12"	Yes	H20-stained	leaves		
Depth of	Surf. H2O		Inches	Water Mar	·ks		Local Soil S	urvey		
Depth to :	Free H20		Inches	Drift Lines			FAC Neutra	FAC Neutral Test		
Depth to	Saturation	0-10	Inches	Sediment D	Deposits		Other			
				Drainage p	atterns	Yes	Criteria M	et: Vieta et al.	Yes	
SOILS	Map	ped Series:	Wapato silt	y clay loam	H	ydric Soil?:	I?: Yes			
	Cla	ssification:	Fluvaquent	ic Endoaque	olls Dra	inage Class:	<u>pc</u>	orly draine	ed	
Depth	Matrix	S011	Redo	x Concentra	ations	Other Hydric Soil Field Indicators				
(111 ches)	10VP 3/1	SCI	Color	abundance	e/size/contrast	Fleid I		Com	ments	
10-10	10TR 3/1	SC	10YR 4/6	few mediu	m faint					
10-15	1011 3/1	50	10110 4/0	iew, meuru	in, iann					
*SD=Sand,	SDL=Sandy Loa	am, L=Loam, S	DCL=Sandy Cl	ay Loam, S=Sil	t, SL=Silt Loam,	SCL=Silty Clay	Loam, CL=Clay	Loam, C=Clay	,	
							Criteria M	et:	Yes	
VECE	TATION	10								
Tree	Stratum	(30%)	Status	% Cover	Herbaceou	is Stratum	(70%)	Status	% Cover	
Fraxinus	latifolia*		FACW	100	Veratrum ca	lifornicum*		FACW+	40	
	2				Glyceria ela	ta*		FACW+	50	
					Rumex crispi	us		FAC+	2	
					Carex dewey	vana		FACU	5	
							2			
Shrub	Stratum	(0%)	Status	% Cover						
					Woody Vi	ine Stratum	(0%)	Status	% Cover	
2										
						8				
	<u></u>				l		·			
*Percent	of dominan	t species F	AC, FACW	or OBL:	100%		Criteria Me	et:	Yes	
Commen	ts:	L		2						
							Determinat	ion:	Wetland	



(<u></u>											
Project:	• 10 • MARINE 111 • MARIN • • • • • •	Molal	a LWI		Number:	2250	Sample Site BC-IC-21				
Applican	t: C	ity of Mola	alla	County:	Clack	kamas	Date:	6/	6/01		
Investiga	tors:	SE/PF		Township:	55	Range:	2 E	Section:	7		
Do Norma	al Circumstan	ces exist on	this site?	Yes	Is the area a p	otential Prob	lem Area?		No		
Is this an	Atypical Situa	ation?		No							
	5	in the		P	rimary Indica	tors	Secor	ndary Indic	ators		
HYDF	ROLOGY			Inundated			Ox. rhizospl	heres	Yes		
	â			Sat. in Upp	er 12"		H20-stained	leaves			
Depth of	Surf. H2O		Inches	Water Man	*ks		Local Soil S	urvey			
Depth to	Free H20	>12	Inches	Drift Lines			FAC Neutra	l Test			
Depth to	Saturation	>12	Inches	Sediment I	Deposits		Other				
				Drainage p	atterns	Yes	Criteria M	et: 🔹	Yes		
								-			
SOILS	Map	ped Series:	Aloha silt l	oam	H	ydric Soil?:		No			
Donth	Clas	ssification:	Aquic Xero	chrepts	Drai	Inage Class	semewhat poorly dra		drained		
(Inches)	Color	S011 Texture*	Color	abundance/size/contrast Field			ndicators	Com	monte		
0-12	10YR 4/1	SCL	10YR 3/4	abundance/size/contrast F1eld					ments		
0 12			101100, 1								
							и 	э			
*SD=Sand,	SDL=Sandy Loa	am, L=Loam, S	DCL=Sandy Cl	ay Loam, S=Sil	t, SL=Silt Loam,	SCL=Silty Clay	Loam, CL=Clay	Loam, C=Clay	/		
							Criteria Me	et:	Yes		
VEGE	TATION		1								
Tree	Stratum	(0%)	Status	% Cover	Herbaceou	is Stratum	(80%)	Status	% Cover		
		010 100 100			Holcus lanat	tus*		FAC	20		
					Festuca arun	ıdinacea		FAC-	15		
			25		Juncus effusi	us*		FACW	35		
				10	Carex stipate	a*		OBL	25		
					Poa trivialis			FACW	5		
						*					
Shrub	Stratum	(15%)	Status	% Cover	ļ						
Fraxinus	latifolia*		FACW	70			(= 0 ()		0/ C		
Rhamnus c	purshiana		FAC-	10	Woody VI	ine Stratum	(5%)	Status	% Cover		
spiraea a	ougiasii*		FACW	20	Rubus aiscoi	or		FACU	100		
2											
*Percent	of dominan	t species F	AC, FACW	, or OBL:	83%		Criteria Me	et:	Yes		
Commen	us:										
							Determinat	1011:	wenand		



Project:		Molall	a LWI		Number:	2250	Sample Site	BC-	1C-22	
Applican	t: <u>C</u> i	ity of Mola	lla	County:	Clack	kamas	Date:	6/	6/01	
Investiga	tors:	SE/PF		Township:	5 S	Range:	2E	Section:	7	
Do Norma	al Circumstanc	es exist on	this site?	Yes	Is the area a p	otential Probl	em Area?		No	
Is this an	Atypical Situat	tion?		No						
				P	rimary Indica	tors	Seco	ndary Indic	ators	
HYDR	OLOGY			Inundated			Ox. rhizosp	heres		
				Sat. in Upp	er 12"		H20-stained	leaves		
Depth of	Surf. H2O	-16	Inches	Water Man	·ks		Local Soil S	Local Soil Survey		
Depth to	Free H20	>16	Inches	Drift Lines			FAC Neutra	AC Neutral Test		
Deptn to	Saturation	>10	Inches	Sediment L	eposits		Other	*		
	and the second sec			Drainage p	atterns		Criteria M	etter	NO	
SOLLS	Mann	ed Series.	Aloha silt 1	oam	'n	vdrie Sail?.		No	2	
	Clas	sification:	Aquic Xer	ochrents	Drai	inage Class:	SOMEW	hat noorly	drained	
Depth	Matrix	Soil	Redo	x Concentr	ations	Other H	vdric Soil		diamed	
(Inches)	Color	Texture*	Color	abundance/size/contrast		Field Indicators		Com	ments	
0-16	10YR 3/2	SL	10YR 3/4	common, n	edium, faint					
								-	e.	
*CD_Card										
*SD=Sand,	SDL=Sandy Loar	n, L=Loam, S	DCL=Sandy Ci	ay Loam, 5=51	t, SL=Silt Loam,	SCL=Silty Clay	Critoria M	Loam, C=Clay	No	
					. <u> </u>		CIRCINATA			
VEGE	TATION	(00/)	<u>Ctotor</u>	0/ C	TT 1	<u> </u>	(1000/)	Gtataa	0/ Carron	
Iree	Stratum	(0%)	Status	% Cover	Herbaceou	is Stratum	(100%)	Status	% Cover	
					Holeus lanat	uinacea ·		FAC-	10	
					Aorostis teni	us vis*		FAC	20	
0								·	х я	
Shrub	Stratum	(0%)	Status	% Cover						
					Woody Vi	ine Stratum	(0%)	Status	% Cover	
									2	
			- 0. 01 B M 181 - 0			- a dina e				
*Percent	of dominant	species F	AC, FACW	, or OBL:	50%		Criteria M	et:	No *	
Commen	ts:									
						1	~			
			-02-				Determinat	:1011:	Upland	



Project:		Molall	9 I.WI		Number:	2250	Sample Site	BC-	2A-23
Applican	t: C	ity of Mola		County:	Clack	amas	Date:	4/1	8/01
Investiga	tors:	SF/FS		Township:	55	Range [.]	2E	Section:	7
Do Norm	al Circumstan	Ces exist on	this site?	Ves	Is the area a r	otential Probl	em Area?	<u>Deettom</u>	No
Is this an	Atypical Situa	tion?	uns site:	No	15 the area a p		ciii 7 d ça :		110
	ntypiour bituu			P	rimary Indica	tors	Secor	dary India	ators
HYDR	ROLOGY			Inundated		1013	Ox. rhizospl	heres	Yes
				Sat. in Upp	er 12"	Yes	H20-stained	leaves	
Depth of	Surf. H2O		Inches	Water Mar	'ks		Local Soil S	urvey	
Depth to	Free H20	9	Inches	Drift Lines			FAC Neutra	l Test	
Depth to	Saturation	5	Inches	Sediment D	eposits		Other		
				Drainage p	atterns	Yes	Criteria M		Yes
	¥								
SOILS	Mapp	ed Series:	Wapato silt	y clay loam	u H	ydric Soil?:		Yes	
	Clas	sification:	Fluvaquent	ic Endoaqu	olls Dra	inage Class:	рс	orly draine	d
Depth	Matrix	Soil	Redo	x Concentra	ations	Other H	ydric Soil	5	
(Inches)	Color	Texture*	Color	abundance	e/size/contrast	Field In	ndicators	Com	ments
0-10	2.5Y 2.5/1	SL	10YR 3/4	common, m	iedium, distin	ct		refused at	10 inches
			10YR 3/6	*				due to larg	e cobbles
						J .			
*SD=Sand	SDI =Sandy Loa	m I =I oam S	DCI =Sandy Cl	av Loam S=Sil	t SI =Silt I oam	SCI =Silty Clay I	Loam CI =Clav	Loam C=Clay	1
, SD Sund,	000 0m.uj 20u			uj 200111, 0 011	, ob on bound		Criferia M	et:	Yes
VECE	TATION								
	Stratum	(0%)	Status	% Cover	Herbaceou	is Stratum	(100%)	Status	% Cover
					Phalaris aru	ndinacea*	(FACW	45
					Galium apar	rine		FACU	5
					Cardamine d	oligosperma		FAC	10
					Lamium pur	pureum		UPL	5
			Ci de la companya de		Impatiens no	oli-tangere*		FACW	25
					Conium mac	rulatum		FAC+	10
Shrub	Stratum	(0%)	Status	% Cover				2	
			а.						
					Woody V	ine Stratum	(0%)	Status	% Cover
		×							
*Percent	of dominan	t species F.	AC, FACW	, or OBL:	100%		Criteria M	et:	Yes
Commen	its:	<u> </u>							
х							Determinat	ion:	Wetland



Project:		Molall	a LWI		Number:	2250	Sample Site	BC-	2A-24		
Applican	t: C	ity of Mola	illa	County:	Clack	kamas	Date:	4/1	8/01		
Investiga	tors:	SE/FS		Township:	5 S	Range:	2 E	Section:	7		
Do Norma	al Circumstand	ces exist on	this site?	Yes	Is the area a p	otential Probl	lem Area?		No		
Is this an .	Atypical Situa	tion?		No	2						
-				P	rimary Indica	tors	Secor	idary Indic	ators		
HYDR	ROLOGY			Inundated			Ox. rhizospl	heres			
				Sat. in Upp	er 12"		H20-stained	leaves			
Depth of	Surf. H2O		Inches	Water Mar	·ks		Local Soil S	Survey			
Depth to	Free H20	>14	Inches	Drift Lines			FAC Neutra	l Test			
Depth to	Saturation	>14	Inches	Sediment D	Deposits		Other		Southern States States States States		
				Drainage p	atterns		Criteria M	et: se eres	it Not at		
SOLE	ħ <i>¶</i>	od Conta	117								
SULS	марр Сlas	sification:	Fluxequent	io Endoacu	l H	iyaric Soll::		Y es	ad		
Denth	Matrix	Soil	Redo	lox Concentrations Of amage C			vdric Soil		eu		
(Inches)	Color	Texture*	Color	abundance/size/contrast Field		Field I	ndicators	Com	ments		
0-14	10YR 2/1	L						gravelly, v	vell drained		
					N.			L			
*SD=Sand,	SDL=Sandy Loa	m, L=Loam, S	DCL=Sandy Cl	ay Loam, S=Sil	t, SL=Silt Loam,	SCL=Silty Clay	Loam, CL=Clay	Loam, C=Cla	/		
							Criteria M	et:	Yes		
VEGE	TATION				•						
Tree	Stratum	(40%)	Status	% Cover	Herbaceou	is Stratum	(50%)	Status	% Cover		
Fraxinus	latifolia*		FACW	100	Dactylis glor	merata*		FACU	30		
					Alopecurus p	pratensis*		FACW	20		
					Galium apar	rine*		FACU	20		
					Lamium pur	pureum		UPL	5		
					Agrostis teni	uis*		FAC	20		
Charlen 1	<u>C4wa4</u>	(20/)	Status	0/ Cover	Taraxacum o	officinale		FACU	3 2		
Cratagor		(370)		70 Cover	Caraamine o	nigosperma		FAC	4		
Cruiuegu	s monogynu		FACU	100	Woody Vi	ine Stratum	(5%)	Status	% Cover		
					Rubus discol	lor*	(370)	FACU	100		
*Doroont	of dominant	t anacias E			420/		Chitonia M.				
Comme		Creates F	horses us	d vocatati	43%	housed for		ale.	T40		
Commen	113.	Grazed by	norses, use	u vegetatioi	i mineulately	y beyond ten	LE ADOVE CIE	J.N.			
				8			Dotorminad	lont	Unloyd		
							Increminat	JOH:	opianu		



Project:		Molall	a LWI	_	Number:	2250	Sample Site	Sample Site BC-2B-25		
Applican	t: C	ity of Mola	illa	County:	Clack	kamas	Date:	4/1	8/01	
Investiga	tors:	SE/FS		Township:	5 S	Range:	2 E	Section:	7	
Do Norm	al Circumstance	ces exist on	this site?	No	Is the area a p	otential Prob	lem Area?		No	
Is this an	Atypical Situa	tion?		Yes	8					
			2	P	rimary Indica	tors	Seco	econdary Indicators		
HYDF	ROLOGY			Inundated			Ox. rhizospheres		Yes	
				Sat. in Upper 12" Yes			H20-stained	leaves		
Depth of	Surf. H2O		Inches	Water Mar	·ks	urvey				
Depth to	Free H20	3	Inches	Drift Lines	Drift Lines FAC Neutral Test					
Depth to	Saturation	0	Inches	Sediment Deposits Other _						
				Drainage p	atterns		Criteria Mi	et: et et en	Yes	
SOILS	Марр	ed Series:	Wapato silt	y clay loam	H	ydric Soil?:		Yes		
	Clas	sification:	Fluvaquent	ic Endoaqu	olls Dra i	inage Class:	рс	orly draine	ed	
Depth	Matrix	Soil	Redo	x Concentra	ations	Other H	ydric Soil			
(Inches)	Color	Texture*	Color	abundance	e/size/contrast	Field I	ndicators	Com	ments	
0-6	10YR 2/2	SDL	10					with grave	l,	
6-12	2.5 Y 3/2	SDL						with coddles		
						* 885				
*SD=Sand	SDI =Sandy Loa	n I=Loam S	DCI =Sandy Cl	l av Loam S=Sil	t SL=Silt Loam	SCL=Silty Clay	Loam CL=Clay	Loam C=Clay	,	
	01110/ 200	, 2 20, 0		-,	<u>,,</u>		Criteria M	et: 2	N/A	
VECI	TATION									
	Stratum	(10%)	Status	% Cover	Herbaceor	is Stratum	(65%)	Status	% Cover	
Populus	richocarpa*	(10/0)	FAC	100	Phalaris arundinacea*			FACW	100	
Shrut	Stratum	(20%)	Status	% Cover						
Populus 1	richocarpa*		FAC	100	1					
					Woody Vi	ine Stratum	(5%)	Status	% Cover	
	×				Rubus discol	lor*		FACU	100	
			2							
			T (1							
*Percent	of dominant	t species F.	AC, FACW	, or OBL:	75%		Criteria M	et:	Yes	
Commen	its:	Natural so	il condition	s have been	disturbed for	installation	of a stormwa	ter outfall		
	π.	by creek.	A high sand	sand content in the soil is present, soil color is not a reliable						
		hydric ind	icator				Determinat	ion:	Wetland	



Project:	u	Molall	a LWI	990000 13	Number:	2250	Sample Site	BC-	2B-26	
Applican	t: Ci	ity of Mola	lla	County:	Clack	amas	Date:	4/1	8/01	
Investiga	tors:	SE/FS		Township:	5 S	Range:	2E	Section:	7	
Do Norma	al Circumstanc	es exist on	this site?	Yes	Is the area a p	otential Prob	lem Area?		No	
Is this an .	Atypical Situat	tion?	2	No	-					
				P	rimary Indica	tors	Secondary Indicators			
HYDR	ROLOGY			Inundated			Ox. rhizospheres			
				Sat. in Upp	er 12"	H20-stained leaves				
Depth of	Surf. H2O		Inches	Water Marks			Local Soil Survey			
Depth to :	Free H20	>14	Inches	Drift Lines			FAC Neutra	l Test		
Depth to	Saturation	>14	Inches	Sediment D	Deposits		Other			
				Drainage p	atterns		Critteria MI	et:	No	
					3		202.W			
SOILS	Mapp	ed Series:	Wapato silt	y clay loam	H	ydric Soil?:		Yes		
	Clas	sification:	Fluvaquent	ic Endoaqu	olls Drai	nage Class:	pc	orly draine	ed	
Depth	Matrix	Soil T	Redo	x Concentr	ations	Other H	ydric Soil	C		
(Inches)		1 exture*	Color	abundance	e/size/contrast	Field I	ndicators	Com	ments	
0-4	10 I K 2/1 10 VP 2/1	SL						oravelly		
4-14	101K 2/1	SL						graveny		
*SD=Sand.	SDL=Sandy Loar	n, L=Loam, S	DCL=Sandv Cl	av Loam, S=Sil	t. SL=Silt Loam,	SCL=Silty Clay	Loam, CL=Clay	Loam, C=Clav	,	
,				,			Criteria M	et: 🐃	Yes	
VECE			<u></u>							
Tree	Stratum	(55%)	Status	% Cover	Herbaceou	s Stratum	(30%)	Status	% Cover	
Populus t	richocarpa*	<u> </u>	FAC	50	Dactylis glor	nerata*		FACU	70	
Quercus ;	garryana*		UPL	20	Galium apar	ine		FACU	10	
Fraxinus	latifolia		FACW	10	Festuca arun	ndinacea*	0	FAC-	20	
Pseudots	uga menziesii	*	FACU	20				п		
	-								a	
Shrub	Stratum	(10%)	Status	% Cover						
Populus t	richocarpa*		FAC	30			-			
Crataegu	s monogyna*		FACU+	30	Woody Vi	ine Stratum	(5%)	Status	% Cover	
Amelanch	ier alnifolia		FACU	10	Rubus discol	or*		FACU	100	
Oemleria	cerasiformis		FACU	10						
Ilex aquif	folium		UPL	10						
*Percent	of dominant	species F.	AC, FACW	, or OBL:	25%		Criteria M	et: 👘	No	
Commen	ts:						23.0000000			
	Determination: Upland									



Project:		Molal	a LWI		Number:	2250	Sample Site	BC-	3B-27	
Applican	t: C	ity of Mola	illa	County:	Clack	kamas	Date:	4/1	8/01	
Investiga	tors:	SE/FS		Township:	5 S	Range:	2 E	Section:	7	
Do Norma	al Circumstan	ces exist on	this site?	Yes	Is the area a p	otential Probl	em Area?		No	
Is this an .	Atypical Situa	tion?		No		11				
	· · · · ·			Primary Indicators Sec				ndary Indicators		
HYDR	ROLOGY	9		Inundated Yes			Ox. rhizospheres			
				Sat. in Upper 12" Yes H20-s			H20-stained	leaves		
Depth of	Surf. H2O	1	Inches	Water Mar	·ks		Local Soil S	urvey		
Depth to	Free H20	0	Inches	Drift Lines			FAC Neutra	l Test		
Depth to	Saturation	0	Inches	Sediment D	eposits		Other			
			· · ·. ····	Drainage p	atterns	Yes	Criteria Mo	et: 🐨 🖅	Yes	
SOILS	Mapp	bed Series:	Dayton silt	loam	Н	ydric Soil?:		Yes		
D (I	Clas	sification:	Typic Alba	qualfs	Drai	inage Class:	pc	orly draine	ed	
Depth	Matrix	Soll Tantanat	Redo	x Concentr	ations	Other H	ydric Soil	C		
(Inches)	$\frac{\text{COOP}}{10\text{VP}} \frac{3}{2}$	SI SI	10VD 2/4	abundance	e/size/contrast	Field II		Com	ments	
9-14	10TR 3/2		10 I R 3/4 10 VR 4/2	common m	ne, ianti redium distin	 ct				
2-14	10110.5/1	JOCL	10YR 3/6	common, medium, distinct						
	TOTIC 5/0 Common, medium, prominent									
*SD=Sand,	SDL=Sandy Loa	ım, L=Loam, S	DCL=Sandy Cl	ay Loam, S=Sil	t, SL=Silt Loam,	SCL=Silty Clay	Loam, CL=Clay	Loam, C=Clay	/	
			. 113 6 6 1176 1.1 34 1			2	Criteria Me	et:	Yes	
VEGE	TATION						······			
Tree	Stratum	(0%)	Status	% Cover	Herbaceou	ıs Stratum	(100%)	Status	% Cover	
					Alopecurus p	oratensis*		FACW	20	
					Anthoxanthu	m odoratum	*	FACU	20	
					Festuca arun	ndinacea		FAC-	10	
					Lotus cornic	ulatus		FAC	10	
					Festuca rubr	·a*		FAC+	20	
					Ranunculus	repens		FACW	5	
Shrub	Stratum	(0%)	Status	% Cover	Montia linea	ris		NI	10	
					Hypochaeris	radicata	(00())	FACU	2	
		8			Woody V	ine Stratum	(0%)	Status	% Cover	
		2				7				
	ř.				7			w.		
						·····				
*Percent	of dominan	t species F.	AC, FACW	, or OBL:	67%	e e	Criteria Me	et: 👘 👘	Yes	
Commen	ts:									
i in i in i i in i i i i i i i i i i i									й Т	
521 025 945							Determinat	ion:	Wetland	



Project:		Molall	a LWI	Number: 2250		Sample Site BC-3B-28				
Applican	t: C	ity of Mola	lla	County:	Clack	amas	Date:	4/1	8/01	
Investiga	tors:	SE/FS		Township:	5S	Range:	2E	Section:	7	
Do Norma	al Circumstand	ces exist on	this site?	Yes	Is the area a p	otential Probl	em Area?		No	
Is this an A	Atypical Situa	tion?		No	s					
				Pı	imary Indica	tors	Secor	Secondary Indicators		
HYDR	OLOGY			Inundated			Ox. rhizospheres			
				Sat. in Upper 12"			H20-stained leaves			
Depth of S	Surf. H2O		Inches	Water Marks			Local Soil S	urvey		
Depth to I	h to Free H20 14 Inches		Drift Lines			FAC Neutra	l Test			
Depth to Saturation >13 Inches		Sediment D	eposits		Other					
				Drainage p	atterns		Criteria M	et:	No ?	
SOLLS	Monr	ad Sarias	Douton alle	loom	TT	udvia Sall9.		Vee		
SUILS	Парр	sification.	Typic Alba	qualfs	H _. Drai	nage Class		I CS	bd	
Depth	Matrix	Snil	r ypic Alba	yuaris x Concentr	ations	Other Hy	pc vdric Soil	ony utaine	л <u>и</u>	
(Inches)	Color	Texture*	Color	abundance	/size/contrast	Field In	dicators	Com	ments	
0-11	10YR 3/3	SL								
11-15	2.5Y 5/3	SL	10YR 3/6	common, m	edium, distind	ct		e.		
*SD=Sand,	SDL=Sandy Loa	m, L=Loam, S	DCL=Sandy Cla	ay Loam, S=Sil	t, SL=Silt Loam, S	SCL=Silty Clay I	Loam, CL=Clay	Loam, C=Clay	anna a start anna anna an	
	 Tradic Tradicional Barray Street, and COMP. 	<u> </u>					Oriteria Mi		NO	
VEGE	TATION									
Tree	Stratum	(0%)	Status	% Cover	Herbaceou	is Stratum	(100%)	Status	% Cover	
					Anthoxanthu	m odoratum [*]	F	FACU	75	
			6		Hypochaeris	radicata		FACU	10	
					Taraxacum o	officinale	*	FACU	5	
					Rumex aceio.	sella		FACUT	10	
		к			5					
Shrub	Stratum	(0%)	Status	% Cover						
Shius	Strutum	(0/0)	Status	/0 00101			8			
		8			Woody Vi	ine Stratum	(0%)	Status	% Cover	
					-	2 0000000				
*Doroont	ofdominer	t spacios F	AC FACW	or ODI .	N0 /	1	Critoria M.	A STREET STREET	No	
Common	te.	i species r.	AC, FAC W		0 /0		CILICITA MI		110	
Commen										
						ĺ	Determinet	ion:	Unland	
							~~~~~		- Promo	



		<u> </u>					· · · · · · · · · · · · · · · · · · ·				
Project:		Molall	a LWI		Number:	2250	Sample Site BC-5A-29		5A-29		
Applican	t: <u>C</u>	ity of Mola	lla	County:	Clack	amas	Date:	4/1	8/01		
Investiga	tors:	SE/FS		Township:	5S	Range:	2E	Section:	7		
Do Norma	al Circumstance	ces exist on	this site?	Yes	Is the area a p	otential Probl	em Area?		No		
Is this an <b>A</b>	Atypical Situa	tion?		No							
				P	rimary Indicat	tors	Seco	ndary Indic	ators		
HYDR	OLOGY			Inundated			Ox. rhizospheres				
				Sat. in Upper 12"			H20-stained	leaves			
Depth of	Surf. H2O		Inches	Water Mar	·ks		Local Soil S	urvey			
Depth to 1	Free H20	4	Inches	Drift Lines H			FAC Neutra	l Test			
Depth to	Saturation	0	Inches	Sediment I	<b>Deposits</b>		Other	depression	al area		
				Drainage p	atterns	Yes	Criteria M	et:	Yes		
SOILS	Mapp	ed Series:	Dayton silt	loam	H	ydric Soil?:		Yes			
	Clas	sification:	Typic Alba	qualfs	Drai	nage Class:	po	oorly draine	ed		
Depth	Matrix	Soil	Redo	x Concentr	ations	Other H	ydric Soil		<u>.</u>		
(Inches)	Color	Texture*	Color	abundanc	e/size/contrast	Field II	idicators	Com	ments		
0-8	10YR 3/2	SL	10VD 2/4	common n	odium disting			compact of	si		
0-14	IUIK 4/2	SL	101K 5/4	common, n		л 		compact se	)11		
*SD=Sand,	SDL=Sandy Loa	n, L=Loam, S	DCL=Sandy Cl	av Loam, S=Sil	t. SL=Silt Loam. S	SCL=Silty Clay I	Loam, CL=Clay	Loam, C=Clay	/		
					,,.		Criteria M	et:	Yes		
VECE	TATION										
	Stratum	(40%)	Status	% Cover	Herbaceou	s Stratum	(50%)	Status	% Cover		
Fraxinus	latifolia*	(10/0)	FACW	100	Phalaris aru	ndinacea*	(3070)	FACW	30		
	<u>y</u>			~~~	Juncus tenuis	s*		FACW-	30		
			2		Holcus lanat	us		FAC	10		
5					Carex densa			OBL	5		
					Festuca arun	dinacea		FAC-	10		
		×.			Carex feta			FACW	5		
Shrub	Stratum	(5%)	Status	% Cover	Agrostis tenu	iis		FAC	5		
Crataegu	s monogyna*	•	FACU+	70							
Crataegu	s douglasii*		FAC	20	Woody Vi	ne Stratum	(5%)	Status	% Cover		
Rhamnus	purshiana		FAC-	10	Rubus discol	or*		FACU	100		
*Percent	of dominant	t species F.	AC, FACW	, or OBL:	67%		Criteria M	et:	Yes		
Commen	ts:	20.00				8 BORDER OF ADDICES 3			8		
	8		·				Determinat	tion:	Wetland		



							T			
Project:		Molall	a LWI		Number:	2250	Sample Site	BC-	5B-30	
Applican	t: C	City of Mola	lla	County:	Clack	amas	Date:	4/1	8/01	
Investiga	tors:	SE/FS		Township:	58	Range:	2E	Section:	7	
Do Norma	al Circumstan	ces exist on	this site?	Yes	Is the area a p	otential Prob	lem Area?		No	
Is this an .	Atypical Situa	ation?		No						
				Pı	imary Indica	tors	Secor	idary Indic	ators	
HYDR	ROLOGY			Inundated			Ox. rhizospheres			
				Sat. in Upp	er 12"	Yes	H20-stained	leaves		
Depth of	Surf. H2O		Inches	Water Mar	·ks		Local Soil S	urvey		
Depth to	Free H20	6	Inches	Drift Lines			FAC Neutra	l Test		
Depth to	Saturation	4	Inches	Sediment Deposits			Other			
				Drainage p	atterns		Criteria M	et:	Yes	
				25_22						
SOILS	Map	ped Series:	Amity silt	loam		ydric Soil?:		No		
Danth	Cla	ssilication:	Argiaquic .	Xeric Argia	bolls <b>Dra</b>	nage Class	somew	hat poorly of	drained	
(Inches)	Color	5011 Texture*	Color	x Concentr	ations	Field I	ndicators	Com	ments	
	2 5V 3/2	SI	COIOI	abundance	e/size/contrast	Field 1	nuicators	Com	ments	
9-14	2.5Y 3/2	SCL	10YR 4/6	common, m	nedium, disting	l ct				
	210 1 2/2	002			,					
*SD=Sand,	SDL=Sandy Lo	am, L=Loam, S	DCL=Sandy Cl	ay Loam, S=Sil	t, SL=Silt Loam,	SCL=Silty Clay	Loam, CL=Clay	Loam, C=Clay	1	
		A(S4.0)					Criteria Mo	et:	Yes	
VEGE	TATION									
Tree	Stratum	(0%)	Status	% Cover	Herbaceou	s Stratum	(55%)	Status	% Cover	
÷					Juncus tenui:	s*		FACW-	40	
а					Plantago lan	ceolata*		FAC	30	
					Festuca arun	ndinacea		FAC-	10	
					Chrysanthem	um leucanti	hemum	UPL	10	
					Hypochaeris	radicata		FACU	10	
2										
Shrub	Stratum	(45%)	Status	% Cover						
Fraxinus	latifolia*	4	FACW	25		<u> </u>	( 00/ )	<u></u>	0/ 0	
Crataegu	s monogyna	*	FACU+	25	Woody VI	ine Stratum	(0%)	Status	% Cover	
Rosa pisc	ocarpa*		FAC	50						
*Percent	of dominar	it species F	AC, FACW	, or OBL:	80%		Criteria M	et:	Yes	
Commen	its:						·······			
							Determinat	ion:	Wetland	



Project:		Molall	a L.WI		Number:	2250	Sample Site	BC-	6A-31		
Applican	t· C	ity of Mol		County:	Clack		Date:	6/	6/01		
Investiga	tors:	SF/DF		Townshin [.]	55	Range.	2F	Section:	7		
Do Morrow	1 Circumstan	SE/FF	this site?	Vec.		Italige.	215 Iour Anno 9		No		
Do Norma	Atomical Situr	ces exist on	unis site?	I es	is the area a p	otential Prob	iem Area?		INO		
is this an .	Atypical Situa		e e	110							
				Primary Indicators			Secor	ators			
	OLUGY	2		Inundated			Ux. rhizospi	leres	Y es		
Donth of	Surf H2A		Inches	Sat. in Upper 12" H20 Water Marks				leaves			
Depth to	Free H20	>12	Inches	Water Marks Local So				ul vey			
Depth to	Saturation	>12	Inches	Sediment T	Deposits		Other	1 1 651			
Depth to	Sucurution		Inches	Drainaga n	attorns	Ves	CritoriaM		Vac		
		den ander d		Di alliage p		1 05	GIUGUATUA		CONTRACT CONTRACTOR		
SOILS	Мари	ped Series:	Wapato silt	y clay loam	ı H	vdric Soil?:		Yes	×		
	Clas	ssification:	Fluvaquent	ic Endoaqu	olls <b>Dra</b> i	inage Class:	DC	orly draine	ed		
Depth	Matrix	Soil	Redo	x Concentr	ations	Other H	ydric Soil				
(Inches)	Color	Texture*	Color	abundance	e/size/contrast	Field I	ndicators	Com	ments		
0-12	10YR 3/2	SL	7.5YR 3/4	many, med	ium, distinct						
			28						* ()		
		*				i	<u></u>				
*SD=Sand,	SDL=Sandy Loa	am, L=Loam, S	DCL=Sandy Cl	ay Loam, S=Sil	t, SL=Silt Loam,	SCL=Silty Clay	Loam, CL=Clay	Loam, C=Clay	l Kalendar an		
							Criteria M	er see state	Yes		
VEGE	TATION										
Tree	Stratum	(10%)	Status	% Cover	Herbaceous Stratum (70%)		(70%)	Status	% Cover		
Fraxinus	latifolia*		FACW	40	Phalaris aru	ndinacea*	*	FACW	50		
Quercus g	garryana*		UPL	60	Galium apar	ine		FACU	5		
					Geranium m	olle		UPL	15		
			- -		Vicia sativa	<b>.</b>		UPL	5		
					Carex unilat	eralis*		FACW	25		
Char-L	Strat	(150/)	Status	0/ Cover				. 9			
Evarinus	latifolia*	(15%)	FACW	70 Cover							
Crataeou	s monomina		FACU+	5	Woody Vi	ine Stratum	(5%)	Status	% Cover		
Populus t	richocar <b>n</b> a*		FAC	55	Rubus discol	or*	(370)	FACU	60		
i opuno i	renocurpu		me	55	Rubus lacini	atus*		FACU+	40		
				7.000 ·	L	·					
*Percent	of dominan	t species F	AC, FACW	, or OBL:	63%		Criteria Mo	et:	Yes		
Commen	ts:										
	Determination: Wetland										



				in 1971 Paris and an algorithm and				DO	CA 20	
Project:		Molali		I	Number:	2250	Sample Site	e DC-0A-JZ		
Applican	t: C	ity of Mola	lla	County:	Clack	amas	Date:	6/	6/01	
Investiga	tors:	SE/PF		Township:	<u> </u>	Range:	<u>2E</u>	Section:	7	
Do Norma	al Circumstan	ces exist on	this site?	Yes	Is the area a p	otential Prob	lem Area?		No	
Is this an .	Atypical Situa	tion?		No						
8			96. 1	P	rimary Indica	tors	Secor	idary Indic	ators	
HYDR	OLOGY			Inundated			Ox. rhizospl	heres	Yes	
×				Sat. in Upper 12"			H20-stained	leaves		
Depth of	Surf. H2O	6	Inches	Water Marks Loca				urvey		
Depth to	Free H20	>12	Inches	<b>Drift Lines</b>			FAC Neutra	l Test		
Depth to	Saturation	>12	Inches	Sediment <b>D</b>	Deposits		Other			
				Drainage p	atterns	Yes	Criteria Mo	et:	Yes	
SOILS	Mapp	ped Series:	Wapato silt	y clay loam	H H	ydric Soil?:		Yes		
	Clas	sification:	Fluvaquent	ic Endoaqu	olls <b>Drai</b>	nage Class:	рс	orly draine	ed	
Depth	Depth Matrix Soil Red			x Concentr	ations	Other H	ydric Soil	a		
(Inches)		Texture*	Color	abundance	e/size/contrast	Field I	ndicators	Com	ments	
0-5 5 12	$10 \text{ K } \frac{2}{1}$	SCI	10VD 3/6	many med	ium distinct					
5-12	10 I K 2/ I	SCL	101K 5/0	many, meu	ium, distinct					
*SD=Sand.	SDL=Sandy Loa	I Im. L=Loam. S	L DCL=Sandy Cl	ı av Loam. S=Sil	t. SL=Silt Loam.	I SCL=Silty Clay	Loam. CL=Clav	Loam. C=Clav	,	
	,,				,,	,,	Criteria Mo	et•	Yes	
	TATION	and the continuum								
VEGE	Stratum	(15%)	Status	% Cover	Uorbaccou	c Stratum	(30%)	Status	% Cover	
Frarinus	latifolia*	(4370)	FACW	100	Phalaris aru	ndinacea	(3070)	FACW	5	
I TUAITIUS	unjona		TAC W	100	Myosotis lar.	a*		OBL	30	
					Holcus lanat	us		FAC	15	
					Rumex crispi	us		FAC+	5	
					Poa trivialis			FACW	15	
					Callitriche si	tagnalis*	•	OBL	30	
Shrub	Stratum	(20%)	Status	% Cover		-				
Fraxinus	latifolia*		FACW	100						
					Woody Vi	ine Stratum	(5%)	Status	% Cover	
					Rubus discol	or*	999/2009/9999/999/999/99/92/92/97/97/95/	FACU	90	
			5		Solanum dul	camara		FAC+	10	
*Percent	of dominan	t species F	AC, FACW	, or OBL:	80%		Criteria Me	et:	Yes	
Commen	ts:									
	Determination: Wetland									



Project:		Molall	a LWI		Number:	2250	Sample Site BC-6B-33				
Applican	t: Ci	ty of Mola	ılla	County:	Clack	kamas	Date:	6/	6/01		
Investiga	tors:	SE/PF		Township:	<b>5</b> S	Range:	<b>2E</b>	Section:	7		
Do Norma	al Circumstanc	es exist on	this site?	Yes	Is the area a p	otential Prob	lem Area?	- 222	No		
Is this an	Atypical Situat	tion?		No							
		a to a since we had a		<b>Primary Indicators</b>			Secondary Indicators				
HYDR	ROLOGY			Inundated			Ox. rhizospheres				
	a			Sat. in Upper 12"			H20-stained leaves				
Depth of	Surf. H2O		Inches	Water Marks			Local Soil Survey				
Depth to	Free H20	>16	Inches	Drift Lines			FAC Neutra	al Test			
Depth to	Depth to Saturation >16 Inches			Sediment D	<b>D</b> eposits		Other				
				Drainage p	Drainage patterns Yes Criteria Met						
SOLIS	Marr	od Conta-	Waret					V			
SOILS	Class	ed Series:	Wapato sili	ty clay loam Hydric Soil?:				Y es	. 1		
Denth	Matrix	Soil	riuvaquent Redo	v Concentr	olis Dia	Other H	p(	orly draine			
(Inches)	Color	Texture*	Color	abundance	e/size/contrast	Field I	ndicators	Com	ments		
0-6	10YR 3/2	SCL		abundance			nuicutors	i com	mento		
6-16	10YR 3/2	SCL	7.5YR 3/3	common, m	edium, distin	ct					
*SD=Sand,	SDL=Sandy Loar	n, L=Loam, S	DCL=Sandy Cl	ay Loam, S=Sil	t, SL=Silt Loam,	SCL=Silty Clay	Loam, CL=Clay	Loam, C=Clay	/		
	and a second sec						Criteria M	et:	Yes		
VEGE	TATION							9			
Tree	Stratum	(0%)	Status	% Cover	Herbaceou	is Stratum	(90%)	Status	% Cover		
					Carex stipate	a*		OBL	20		
					Geum macro	phyllum	2	FACW-	10		
					Carex feta			FACW	20		
		2 3			Festuca arur	ıdinacea*		FAC-	30		
					Holcus lanai	tus*		FAC	20		
								er.			
Shrub	Stratum	(5%)	Status	% Cover				<i></i>			
Fraxinus	latifolia*		FACW	60							
Crataegu	s monogyna*		FACU+	40	Woody V	ine Stratum	(5%)	Status	% Cover		
					Rubus ursini	1S *		FACU	100		
:											
*Percent	Percent of dominant species FAC, FACW, or OBL: 57% Criteria Met: Yes										
Commen	omments:										
55											
							Determinat	ion:	Wetland		



Project:		Molall	a LWI		Number:	2250	Sample Site	BC-	6B-34	
Applicant	t: Ci	ity of Mola	lla	County:	Clack	amas	Date:	6/	6/01	
Investigat	tors:	SE/PF		Township:	<b>5</b> S	Range:	<b>2E</b>	Section:	7	
Do Norma	al Circumstanc	es exist on	this site?	Yes	Is the area a p	otential Prob	lem Area?		No	
Is this an	Atypical Situa	tion?		No						
				P	rimary Indica	tors	Secor	idary Indic	ators	
HYDR	OLOGY			Inundated			Ox. rhizospheres			
				Sat. in Upper 12"			H20-stained leaves			
Depth of s	Surf. H2O		Inches	Water Marks			Local Soil S	urvey		
Depth to ]	Free H20	>16	Inches	Drift Lines			FAC Neutra	l Test		
Depth to S	Depth to Saturation >16 Inches			Sediment D	Deposits		Other			
	•				atterns		Criteria M	સંહ	NO	
SOLIS	Monn	ad Sarias	Wanata sile		. TI	udaia Sail?		Vaa		
SUILS	Сlas	sification.	Fluvaquent	ic Endoadu	olle Drai	nage Class	nc.	I CS	be	
Depth	Matrix	Soil	Redo	x Concentr	ations	Other H	vdric Soil		<u></u>	
(Inches)	Color	Texture*	Color	abundance	e/size/contrast	Field I	ndicators	Com	ments	
0-10	10YR 3/2	SCL								
10-16	10YR 3/2	SCL	7.5YR 3/3	common, m	nedium, faint					
							I CL CL			
*SD=Sand,	SDL=Sandy Loa	m, L=Loam, S	DCL=Sandy Cl	ay Loam, S=Sil	t, SL=Silt Loam, S	SCL=Silty Clay	Loam, CL=Clay	Loam, C=Clay	Voe	
							CHILENSING		100	
VEGE	TATION		1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1				(	~		
Tree	Stratum	(0%)	Status	% Cover	Herbaceou	<u>is Stratum</u>	(90%)	Status	% Cover	
					Festuca arun	idinacea*		FAC-	50 20	
-					Holcus lanat	us * 		FAC	20	
					Agrosiis ienu Chrysanthan	us um loucanti	amum	ГАС Прі	10	
					Carex feta	ium ieucumi	iemum	FACW	10	
				3	Curexjeiu			THO II		
Shrub	Stratum	(5%)	Status	% Cover				3		
Fraxinus	latifolia*		FACW	20						
Crataegu	s monogyna*		FACU+	80	Woody Vi	ine Stratum	(5%)	Status	% Cover	
					Rubus ursinu	ıs*		FACU	100	
*Percent	of dominan	t species F	AC, FACW	, or OBL:	40%		Criteria M	et:	No	
Commen	ts:									
								•		
	Determination: Upland									



Project:		Molall	a LWI		Number:	2250	Sample Site	BC	-7-35		
Applican	t: C	ity of Mola	lla	County:	Clack	kamas	Date:	4/2	0/01		
Investiga	tors:	PF/CR		Township:	<b>5</b> S	Range:	2E	Section:	8		
Do Norma	al Circumstan	ces exist on	this site?	Yes	Is the area a p	otential Prob	lem Area?		No		
Is this an .	Atypical Situa	tion?		No	-						
				P	rimary Indica	tors	Secondary Indicators				
HYDR	ROLOGY			Inundated			Ox. rhizospheres				
				Sat. in Upper 12"			H20-stained leaves				
Depth of	Surf. H2O		Inches	Water Marks Local Soil			Local Soil S	Survey			
Depth to	Free H20	>14	Inches	<b>Drift Lines</b>			FAC Neutra	l Test	N		
Depth to	Saturation	>14	Inches	Sediment D	Deposits		Other				
				Drainage p	atterns		Criteria M	<u> 618</u>	No Se		
SOUS	Man	ad Conia-	Dautan all	1	TT			V			
SOILS	Clas	sification	Tunic Albo	t loam Hydric Soll? Drainage Class			Yes				
Denth	Matrix	Soil	Typic Alba	v Concentr	ations	Other H	· pe Ivdric Soil	Jorry draine			
(Inches)	Color	Texture*	Color	abundance	e/size/contrast	Field I	indicators	Com	ments		
0-14	10YR 3/3	SL						angular roo	cks		
								Ű			
*SD=Sand,	SDL=Sandy Loa	m, L=Loam, S	DCL=Sandy Cl	ay Loam, S=Sil	t, SL=Silt Loam,	SCL=Silty Clay	Loam, CL=Clay	Loam, C=Clay	/		
							Criteria M	et:	No		
VEGE	TATION										
Tree	Stratum	(0%)	Status	% Cover	Herbaceou	is Stratum	(100%)	Status	% Cover		
					Festuca arun	ndinacea*		FAC-	30		
					Hypochaeris	radicata		FACU	10		
					Poa annua*			FAC	20		
					Taraxacum d	officinale		FACU	10		
					Poa pratensi	s*		FAC	20		
	-				Agrostis tenu	iis		FAC	5		
Shrub	Stratum	(0%)	Status	% Cover	Trifolium rep	pens		FAC	5		
					Woody Vi	in a Stratum		Status	9/ Covor		
					woody vi	ine Stratum		Status	% Cover		
		8									
				I	I			I			
*Percent	of dominan	t species F	AC, FACW	, or OBL:	67%		Criteria M	et:	Yes		
Commen	ts:										
	Determination: Upland										


Project:		Molall	a LWI		Number:	2250	Sample Site	BC	-7-36
Applican	t: C	ity of Molរ	nlla	County:	Clack	kamas	Date:	4/2	:0/01
Investiga	tors:	SE/FS		Township:	<b>5</b> S	Range:	2E	Section:	8
Do Norma	al Circumstance	es exist on	this site?	Yes	Is the area a p	otential Prob	lem Area?		No
Is this an .	Atypical Situa	tion?	. <u></u>	No					
				P	imary Indica	tors	Secor	idary Indic	ators
HYDR	OLOGY			Inundated			Ox. rhizospl	heres	Yes
				Sat. in Upp	er 12"	Yes	H20-stained	leaves	
Depth of	Surf. H2O	_	Inches	Water Mar	ks		Local Soil S	urvey	
Depth to	Free H20	8	Inches	Drift Lines			FAC Neutra	l Test	
Depth to	Saturation	0	Inches	Sediment D	eposits		Other	water to an and the second	A DECEMBER OF A DECEMBER OF A
				Drainage p	atterns	Yes	Criteria M	et:	Yes per
SOLLS	Mann	ed Series	Dayton silt	loam	IJ	ludria Sail?		Vaa	
SULS	Сіяз	sification:	Typic Alba	qualfs	n Dra	inage Class:	poorly drained		
Depth	Matrix	Soil	Redo	x Concentra	ations	Other H	vdric Soil		<u>,u</u>
(Inches)	Color	Texture*	Color	abundance	/size/contrast	Field I	, ndicators	Com	ments
0-8	10YR 3/2	SCL	10YR 4/6	few, mediu	m, distinct	*			
8-16	10YR 2/1	C							
						<u> </u>			
*SD=Sand,	SDL=Sandy Loa	m, L=Loam, S	DCL=Sandy Cl	ay Loam, S=Sil	t, SL=Silt Loam,	SCL=Silty Clay	Loam, CL=Clay	Loam, C=Clay	Vac
							CHICHA ING		105
VEGE	TATION						(1000)	~	
Tree	Stratum	(0%)	Status	% Cover	Herbaceou	<u>is Stratum</u>	(100%)	Status	% Cover
					Juncus effusi	US*		FACW	50 20
			5		Alonecurus	oratonsis*		FACW	20
				3	Phalaris aru	ndinacea		FACW	10
					i natar to ara	mumuccu		ine	10
Shrub	Stratum	(0%)	Status	% Cover					
					Woody V	ine Stratum		Status	% Cover
	····					\$			
*Percent	of dominant	t species F.	AC, FACW	, or OBL:	100%		Criteria Me	et:	Yes
Commen	ts:								
							Determinat	ion:	Wetland



Project:		Molal	a LWI		Number:	2250	Sample Site BC-7-37		
Applican	it: C	ity of Mola	alla	County:	Clack	amas	Date:	4/2	20/01
Investiga	tors:	PF/CR		Township:	55	Range:	2E	Section:	8
Do Norma	al Circumstan	ces exist on	this site?	Yes	Is the area a r	otential Prob	lem Area?		No
Is this an	Atypical Situa	ation?		No	10 010 0100 0 P				110
				P	rimary Indica	tors	Secor	ndary India	ators
HYDR	ROLOGY			Inundated	•		Ox. rhizospl	heres	
				Sat. in Upp	er 12"		H20-stained	leaves	
Depth of	Surf. H2O		Inches	Water Mar	·ks		Local Soil S	urvey	
Depth to	Free H20	>14	Inches	Drift Lines		<	FAC Neutra	ral Test	
Depth to	Saturation	>14	Inches	Sediment I	Deposits		Other		
				Drainage p	atterns		Criteria Mo	et:	No
SOILS	Марј	ped Series:	Dayton silt	loam	Н	ydric Soil?:		Yes	
	Clas	ssification:	Typic Alba	aqualfs Drainage Class:			poorly drained		
Depth	Matrix	Soil	Redo	x Concentr	ations	Other H	ydric Soil	G	
(Inches)	Color	Texture*	Color	abundance	e/size/contrast	Field I	ndicators	Com	ments
0-14	101  K 3/2 10  VP 5/3	SCL							
	101K 5/5		75 75				2		ν.
	<i>2</i>								
*SD=Sand,	SDL=Sandy Loa	im, L=Loam, S	L DCL=Sandy Cl	av Loam, S=Sil	t, SL=Silt Loam,	SCL=Silty Clay	Loam, CL=Clay	Loam, C=Clav	/
		, , ,					Criteria Me	et:	No
VECE	TATION								
Tree	Stratum	(0%)	Status	% Cover	Herbaceou	ıs Stratum	(100%)	Status	% Cover
		····			Festuca arur	ndinacea*		FAC-	50
					Hypochaeris	radicata		FACU	10
					Vicia sativa*	k	r.	UPL	20
					Cerastium vi	ulgatum		FACU	10
					Tanacetum v	rulgare		NI	10
					9 A Q				
Shrub	Stratum	(0%)	Status	% Cover	9				
		ζη.						0010.	
					Woody Vi	ine Stratum		Status	% Cover
		:			0				
						921			
		ino can	L		·	**************************************			
*Percent	of dominan	t species F	AC, FACW	, or OBL:	0%		Criteria Me	et:	No
Commen	its:			atan a	н				
8		a. E		đ			N. 57		
							Determinat	ion:	Upland



Project:		Molall	a LWI	Number: 2250 Samp			Sample Site	ample Site BC-7-38	
Applican	t: C	ity of Mola	lla	County:	Clack	kamas	Date:	4/2	20/01
Investiga	tors:	PF/CR	*	Township:	<b>5</b> S	Range:	2E	Section:	8
Do Norma	al Circumstand	es exist on	this site?	Yes	Is the area a p	otential Prob	lem Area?		No
Is this an .	Atypical Situa	tion?		No					
				P	rimary Indica	tors	Secor	idary Indic	ators
HYDR	OLOGY			Inundated		Yes	Ox. rhizospl	heres	Yes
				Sat. in Upp	er 12"	Yes	H20-stained	leaves	
Depth of	Surf. H2O	5	Inches	Water Mar	·ks		Local Soil S	urvey	•
Depth to	Free H20		Inches	<b>Drift Lines</b>			FAC Neutra	l Test	
Depth to	Saturation		Inches	Sediment D	)eposits		Other		
				Drainage p	atterns	Yes	Criteria M	et: It as	Yes
COLLO	M		D ( 1)						
SOILS	Mapp	ed Series:	Dayton silt	loam	H	ydric Soil?		Yes	1
Donth	Motrix	Silication:	Typic Alba	qualits	Dra otions	Class:	pc Indria Sail	orly draine	<u>bc</u>
(Inches)		SUII Texture*	Color	abundance	auons	Field I	ndicators	Com	ments
0-14	10YR 3/1	SL	COLOT	abundance	ersize/contrast		nuicators		Incuts
• • •	10110011	UL							
*SD=Sand,	SDL=Sandy Loa	m, L=Loam, S	DCL=Sandy Cl	ay Loam, S=Sil	t, SL=Silt Loam,	SCL=Silty Clay	Loam, CL=Clay	Loam, C=Clay	y
							Criteria M	et:	Yes
VEGE	TATION						1	10.000	
Tree	Stratum	(0%)	Status	% Cover	Herbaceou	is Stratum	(90%)	Status	% Cover
					Phalaris aru	ndinacea*		FACW	100
			ж.						
l									
		(100())	<u> </u>	A/ 6			5		
Shrub	Stratum	(10%)	Status	% Cover					
Crataegu	s douglasii*		FAC	100	Weeder V			Status	9/ Cover
					woody v	ine Stratum		Status	70 Cover
					ł				
<u> </u>	•••••••••••••••••••••••••••••••••••••••			i	I				L
*Percent	of dominant	t species F.	AC, FACW	, or OBL:	100%		Criteria Mo	et:	Yes
Commen	ts:	excavated	drainage ch	annel					
			e						
							Determinat	ion:	Wetland



Project:		Molal	a LWI		Number:	2250	Sample Site BC-8-39		
Applican	t: C	ity of Mola	lla	County:	Clack	camas	Date:	4/2	20/01
Investiga	tors:	PF/CR		Township:	<b>5</b> S	Range:	2E	Section:	8
Do Norma	al Circumstand	ces exist on	this site?	Yes	Is the area a p	otential Prob	lem Area?		No
Is this an A	Atypical Situa	tion?		No		* 063507a - 247134		400-800-mg	
				P	rimary Indica	tors	Secor	ndary India	ators
HYDR	OLOGY			Inundated	-		Ox. rhizospl	heres	
				Sat. in Upp	er 12"		H20-stained	leaves	
Depth of S	Surf. H2O		Inches	Water Mar	·ks		Local Soil S	urvey	
Depth to ]	Free H20	>18	Inches	<b>Drift Lines</b>			FAC Neutra	l Test	
Depth to S	Saturation	>18	Inches	Sediment <b>D</b>	Deposits		Other		
				Drainage p	atterns		Criteria M	et:	No
SOILS	Mapp	ed Series:	Dayton silt	loam	H	ydric Soil?:		Yes	
Danth	Clas	silication:	Typic Alba	aqualfs Drainage C			Class: poorly drained		
(Inchos)	Color	5011 Toxturo*	Color	x Concentr		Uther H	yaric Soli	Com	monte
(Inches)	10YR 3/3	SI	COIDI	abundance	e/size/contrast	Field 1	nuicators		ments
3-12	10YR 3/2	C	α.				-	а. С	
12+	10YR 4/3	SCL							
*SD=Sand,	SDL=Sandy Loa	m, L=Loam, S	DCL=Sandy Cl	ay Loam, S=Sil	t, SL=Silt Loam,	SCL=Silty Clay	Loam, CL=Clay	Loam, C=Cla	/
							Criteria Mo	et:	No
VEGE	TATION	51						2	
Tree	Stratum	(0%)	Status	% Cover	Herbaceou	s Stratum	(100%)	Status	% Cover
					Festuca arur	ndinacea*		FAC-	90
*					Vicia tetrasp	erma		UPL	10
									÷.
									·
Shrub	Stratum	(0%)	Status	% Cover					
					Weeder	C4		Stature	9/ C
					woody vi	ine Stratum		Status	% Cover
*Percent	of dominant	t species F.	AC, FACW	, or OBL:	0%		Criteria Mo	et:	No
Commen	ts:								
			4					0-01 1940-000	
							Determinat	ion:	Upland



					1				
Project:		Molall	a LWI		Number:	2250	Sample Site BC-8-40		
Applican	<u>t:</u> C	ity of Mola	lla	County:	Clack	amas	Date:	4/2	20/01
Investiga	tors:	PF/CR		Township:	58	Range:	<u>2E</u>	Section:	8
Do Norma	al Circumstan	ces exist on	this site?	Yes	Is the area a p	otential Prob	lem Area?		No
Is this an .	Atypical Situa	tion?		No			3		
				P	rimary Indica	tors	Seco	ndary Indic	ators
HYDR	ROLOGY			Inundated		Yes	Ox. rhizospl	heres	Yes
				Sat. in Upp	er 12"	Yes	H20-stained	leaves	
Depth of	Surf. H2O	6	Inches	Water Mar	ks		Local Soil S	urvey	
Depth to	Free H20		Inches	Drift Lines			FAC Neutra	ıl Test	
Depth to	Saturation	0	Inches	Sediment D	eposits		Other		
				Drainage p	atterns	Yes	Criteria M	et:	Yes
COUG	Мала		D ( 1)						
SOILS	Mapp	bed Series:	Dayton silt	loam	H Drei	ydric Soil?:		Yes	.1
Denth	Matrix	Silication:	Typic Alda	qualis	Drai	Other H	vdric Soil	forly draine	20
(Inches)	Color	Texture*	Color	abundance	/size/contrast	Field I	ndicators	Com	ments
0-8	10 YR $4/2$	SCL	7.5YR 4/6	many, medi	um, prominen	t Ticlu I	H2S odor	refused at	8 inches
					71			due to cob	ble
*SD=Sand,	SDL=Sandy Loa	m, L=Loam, S	DCL=Sandy Cla	ay Loam, S=Sil	t, SL=Silt Loam, S	SCL=Silty Clay	Loam, CL=Clay	Loam, C=Clay	/
							Criteria M	et:	
VEGE	ETATION								
Tree	Stratum	(0%)	Status	% Cover	Herbaceou	s Stratum	(100%)	Status	% Cover
					Typha latifol	ia*		OBL	40
					Lotus cornici	ulatus*		FAC	20
					Alopecurus p	oratensis*		FACW	20
					Alopecurus g	eniculatus*		OBL	20
		( 00( )	<u> </u>	A. G.					
Shrub	Stratum	(0%)	Status	% Cover	(6) 				
					Woody Vi	ne Stratum		Status	% Cover
					woody vi	ne Stratum		Status	70 00001
					e e e e e e e e e e e e e e e e e e e				
								· · · · · · · · · · · · · · · · · · ·	
*Percent	of dominan	t species F.	AC, FACW	, or OBL:	100%		Criteria Mo	et:	Yes
Commen	ts:	excavated	pond						
							Determinat	ion:	Wetland



Project:		Molall	a LWI		Number:	2250	Sample Site	BC	-9-41
Applican	t: Ci	ity of Mola	lla	County:	Clack	amas	Date:	5/2	24/01
Investiga	tors:	SE/FS		Township:	<b>5</b> S	Range:	2E	Section:	8
Do Norma	al Circumstanc	es exist on	this site?	Yes	Is the area a p	otential Prob	lem Area?		No
Is this an	Atypical Situat	tion?		No					
				P	rimary Indica	tors	Secon	ndary Indic	ators
HYDR	OLOGY			Inundated			Ox. rhizospl	heres	
				Sat. in Upp	er 12"		H20-stained	leaves	
Depth of	Surf. H2O		Inches	Water Mar	ks		Local Soil S	urvey	
Depth to	Free H20	>14	Inches	Drift Lines	•.		FAC Neutra	l Test	
Depth to	Saturation	>14	Inches	Sediment L	eposits		Other		
				Drainage p	atterns	Yes	Criteria M	9 <u>6</u>	Yes_
SOLLS	Mann	ed Series.	Dayton silt	loam	ម	vdric Sail?•		Vec	
SOILS	Clas	sification:	Typic Alba	qualfs	Drai	nage Class:	poorly drained		
Depth	Matrix	Soil	Redo	x Concentrations Other H			ydric Soil		
(Inches)	Color	Texture*	Color	abundance/size/contrast Field In			ndicators	Com	ments
0-9	10YR 3/1	SL	10YR 3/3	few, fine, faint				÷	
9-14	10YR 3/1	SL	10YR 4/4	common, m	edium, distinc	ct		3	
				5					
*SD_Sand	SDI – Sandy I aa		DCI -Sandy Cl	Loom S-Sil	t CI - Cilt I com (	CI -Silty Clay	Loom CI-Clay	Loom C-Clay	,
-SD-Salid,	SDL-Salidy Loa			ay Loan, 5–3h		SCL-Silly Clay	Criteria M	et:	Yes
VECE	TATION								
	Stratum	(0%)	Status	% Cover	Herbaceou	s Stratum	(100%)	Status	% Cover
		(0,0)			Holcus lanat	us	()	FAC	5
					Alopecurus p	pratensis*		FACW	70
					Poa trivialis	*		FACW	20
				4					
Shrub	Stratum	(0%)	Status	% Cover				2	
1.127			-		Weeder V!	<u><u> </u></u>	(00())	Status	9/ Cover
					woody vi	ne Stratum	(0%)	Status	70 Cover
21					e				
		-							
*Percent	of dominant	t species F.	AC, FACW	, or OBL:	100%		Criteria M	et:	Yes
Commen	ts:								
							Determinat	ion:	Wetland



Project:		Molall	a LWI		Number:	2250	Sample Site	BC	9-42	
Applican	t: C	ity of Mola		County:	Clack	amas	Date:		24/01	
Investiga	tors:	SE/FS		Township:	55	Range:	2E	Section:	8	
Do Norma	al Circumstan	ces exist on	this site?	Yes	Is the area a p	otential Prob	lem Area?		No	
Is this an	Atypical Situ	ation?		No	10 1110 at 00 a P					
				P	rimary Indica	tors	Secor		ators	
HYDR	ROLOGY			Inundated			Ox. rhizospl	heres	,	
				Sat. in Upp	er 12"		H20-stained	leaves		
Depth of	Surf. H2O		Inches	Water Mar	·ks		Local Soil S	urvey	i	
Depth to	Free H20	>12	Inches	<b>Drift Lines</b>			FAC Neutra	ıl Test		
Depth to	Saturation	>12	Inches	Sediment D	Deposits		Other			
				Drainage p	atterns		Criteria M	et:	- No -	
SOILS	Map	ped Series:	Dayton silt	loam	H	ydric Soil?:		Yes		
Donth	Cla	ssification:	Typic Alba	iqualits	Drai	ainage Class: p		orly draine	ed	
(Inches)	Color	5011 Texture*	Color	ox Concentr		Utner H Field I	yaric Soli ndicators	Commente		
0-12	10YR 2/2	SL		abundanc	e/size/contrast	Field 1			intents	
0 12	1011(2/2			a						
			2					e.		
*SD=Sand,	SDL=Sandy Loa	am, L=Loam, S	DCL=Sandy Cl	ay Loam, S=Sil	t, SL=Silt Loam,	SCL=Silty Clay	Loam, CL=Clay	Loam, C=Clay	/	
							Criteria M	et: 17	No	
VEGE	TATION									
Tree	Stratum	(30%)	Status	% Cover	Herbaceou	is Stratum	(70%)	Status	% Cover	
Quercus ;	garryana*		UPL	100	Festuca arun	ndinacea*	7	FAC-	30	
					Dactylis glor	nerata*		FACU	25	
					Poa pratensi	's*		FAC	30	
					Vicia sativa			UPL	15	
	<u> </u>	( 00/ )	<u> </u>	N/C						
Shrub	Stratum	(0%)	Status	% Cover						
		a.			Woody Vi	ine Stratum	(0%)	Status	% Cover	
					woody vi	ine Stratum	(070)	_ Status	70 00001	
*Percent	of dominan	it species F.	AC, FACW	, or OBL:	25%		Criteria Mo	et:	No	
Commen	ts:									
							Determinat	ion:	Upland	



Project:		Molall	a LWI		Number:	2250	Sample Site	BC-	10-43
Applican	t: C	ity of Mola	illa	County:	Clack	kamas	Date:	4/2	0/01
Investiga	tors:	PF/CR		Township:	<b>5</b> S	Range:	<b>2</b> E	Section:	8
Do Norma	al Circumstan	ces exist on	this site?	Yes	Is the area a p	otential Prob	lem Area?		No
Is this an .	Atypical Situa	ation?		No					
				Pı	imary Indica	tors	Secor	idary Indic	ators
HYDR	OLOGY			Inundated			Ox. rhizospl	neres	
				Sat. in Upp	er 12"	Yes	H20-stained	leaves	Yes
Depth of a	Surf. H2O	-	Inches	Water Mar	ks		Local Soil S	urvey	
Depth to 1	Free H20	5	Inches	Drift Lines			FAC Neutra	l Test	×.
Depth to a	Saturation	0	Inches	Sediment D	eposits		Other		
				Drainage p	atterns		Criteria M	et:	Yes
SOLIS	Mana	ad Carlos	D	1	TT	- J:. C. :: 9		V	
SOILS	Map	peu Series:	Dayton silt	loam	H Droi	iyaric Soll?		Y es	E.
Denth	Matrix	Soil	Typic Alda	v Concentr	ations	Other H	vdric Soil	orly draine	20
(Inches)		Texture*	Color	abundance	/size/contrast	Field I	ndicators	Com	ments
0-14	10YR 2/1	SCL							
			÷						
					· · · · · · · · · · · · · · · · · · ·				
*SD=Sand,	SDL=Sandy Loa	am, L=Loam, S	DCL=Sandy Cl	ay Loam, S=Sil	t, SL=Silt Loam,	SCL=Silty Clay	Loam, CL=Clay	Loam, C=Clay	1
							Criteria M	et:	Yes
VEGE	TATION								
Tree	Stratum	(0%)	Status	% Cover	Herbaceou	is Stratum	(100%)	Status	% Cover
					Alopecurus p	pratensis*	5	FACW	50
					Carex pratic	ola*		FACW	20
					Agrostis stol	onifera*	e X	FAC	20
					Festuca arur	ıdinacea		FAC-	10
Charab	C 4 mg 4 mm	(09/)	Status	9/ Cover					
Surub	Stratum	(070)	Status	70 COVEI					
		π			Woody V	ine Stratum	·····	Status	% Cover
									-
					1.15 mm				
*Percent	of dominan	t species F	AC, FACW	, or OBL:	100%		Criteria M	et:	Yes
Commen	ts:							· · · · · · · · · · · · · · · · · · ·	
	2								
							Determinat	ion:	Wetland



Project:		Molal	a LWI		Number:	2250	Sample Site	BC-	10-44		
Applican	ıt: C	ity of Mola	alla	County:	Clack	amas	Date:	4/2	0/01		
Investiga	itors:	PF/CR		Township:	<b>5</b> S	Range:	<b>2E</b>	Section:	8		
Do Norm	al Circumstan	ces exist on	this site?	Yes	Is the area a p	otential Probl	em Area?		No		
Is this an	Atypical Situa	ation?		No							
				P	rimary Indica	tors	Secor	ndary Indic	ators		
HYDR	ROLOGY			Inundated			Ox. rhizospl	heres			
				Sat. in Upp	er 12"		H20-stained	leaves			
Depth of	Surf. H2O		Inches	Water Mai	·ks		Local Soil S	urvey			
Depth to	Free H20	>14	Inches	Drift Lines			FAC Neutra	l Test			
Depth to	Saturation	>14	Inches	Sediment I	Deposits		Other				
		<u></u>		Drainage p	atterns		Criteria M	et:	No		
SOILS	Mont	and Sariase	Douton ailt	laam	т	udnia Sail?.		Var			
SOILS	тару Сlas	sification.	Typic Alba	aualfs	п Drai	yuric Sona: inage Class:	DC	Y es			
Depth	Matrix	Soil	Redo	x Concentr	ations	Other H	vdric Soil		<u>, , , , , , , , , , , , , , , , , , , </u>		
(Inches)	Color	Texture*	Color	abundanc	e/size/contrast	Field In	idicators	Com	ments		
0-14	10YR 3/2	SL						with cobbl	e		
				4							
									10		
*SD=Sand,	SDL=Sandy Loa	ım, L=Loam, S	DCL=Sandy Cl	ay Loam, S=Si	t, SL=Silt Loam,	SCL=Silty Clay	Loam, CL=Clay	Loam, C=Clay	·		
							Criteria M	et:	No		
VEGE	TATION										
Tree	Stratum	(0%)	Status	% Cover	Herbaceou	is Stratum	(70%)	Status	% Cover		
					Festuca arun	ndinacea		FAC-	10		
					Galium apar	ine*		FACU	20		
					Cirsium arve	ense*		FACU+	30		
				}	Vicia tetrasp	erma*		UPL	20		
					Holcus lanat	us		FAC	10		
~		( 4001 )			Geranium m	olle		UPL	10		
Shrub	o Stratum	(10%)	Status	% Cover							
Cytisus se	coparius		UPL	100	Woods V	n a 64	(200/)	Statura	9/ Covor		
					Pubus discol	ine Stratum	(20%)	FACI	50		
					Rubus ursin	01 15*		FACU	50		
		<u></u>		<u> </u>			······································				
*Percent	of dominan	t species F	AC, FACW	, or OBL:	0%		Criteria Mo	et: <u>a san</u>	No		
Commen	its:										
						1	-				
							Determinat	ion:	Upland		



Project:		Molall	a LWI		Number:	2250	Sample Site	BC-1	2A-45	
Applican	t: C	ity of Mola	illa	County:	Clac	kamas	Date:	4/1	8/01	
Investiga	tors:	SE/FS		Township:	58	Range:	2E	Section:	7	
Do Norma	al Circumstanc	es exist on	this site?	Yes	Is the area a p	otential Prob	lem Area?		No	
Is this an	Atypical Situa	tion?		No						
		<u></u>	10000-000 17	P	rimary Indica	tors	Secor	ndary Indie	ators	
HYDR	ROLOGY			Inundated			Ox. rhizospl	heres		
				Sat. in Upp	er 12"		H20-stained	leaves		
Depth of	Surf. H2O		Inches	Water Man	·ks		Local Soil S	oil Survey		
Depth to	Free H20	>13	Inches	Drift Lines			FAC Neutra	il Test		
Depth to	Saturation	>13	Inches	Sediment I	Deposits		Other			
				Drainage p	atterns		Criteria Mi	et : 1 : 1 : 1 :	NO	
SOLLS	Mann	ed Series	Wanato sili	ty clay loam	10	vdric Soil?	,	Vec	P	
SULLS	Clas	sification:	Fluvaquent	ic Endoadu	olls <b>Dra</b>	inage Class:	n n	orly drain	ed	
Depth	Matrix	Soil	Redo	ox Concentrations Other			ydric Soil	<u> </u>		
(Inches)	Color	Texture*	Color	abundanc	e/size/contrast	Field I	ndicators	Com	ments	
0-13	10YR 3/2	SL								
		21								
								2 		
				L G GU	· 01 011 1		I CI CI			
*SD=Sand,	SDL=Sandy Loa	m, L≈Loam, S	DCL=Sandy Cl	ay Loam, S=Si	t, SL=Silt Loam,	SCL=Silty Clay	Loam, CL=Clay	Loam, C=Cla	No	
							Gineria ni		Property 10	
VEGE	Startion	(150/)	Status	0/ Correr	TT-L	<u> </u>	(250/)	Status	Q/ Cover	
Ouercus	Stratum	(15%)		% Cover	Gergnium r	<u>is Stratum</u>	(35%)	TIDI	% Cover	
Quercus	gurryunu		UIL	100	Vicia sativa	*		UPL	20	
				98 98	Agrostis ten	vis*		FAC	35	
					Festuca arui	ndinacea*		FAC-	30	
					ena 20 marina des ana anan ann		~	ettert, med		
				2			-			
Shrub	Stratum	(20%)	Status	% Cover						
Crataegu	s monogyna*		FACU+	35						
Amelanch	hier alnifolia'	*	FACU	65	Woody V	ine Stratum	(30%)	Status	% Cover	
					Rubus discol	lor*		FACU	100	
					2					
*Percent	of dominan	t species F.	AC, FACW	, or OBL:	14%		Criteria Mo	et:	No	
Commen	ts:	2	246 - 2245R							
			2							
							Determinat	ion:	Upland	



Project:		Molall	a LWI	Number: 2250			Sample Site BC-12A-46		
Applican	it: C	City of Mola	lla	County:	Clack	amas	Date:	4/1	8/01
Investiga	itors:	SE/FS		Township:	<b>5</b> S	Range:	<b>2E</b>	Section:	7
Do Norm	al Circumstar	nces exist on	this site?	Yes	Is the area a p	otential Prob	lem Area?		No
Is this an	Atypical Situ	ation?		No					
				Pr	imary Indica	tors	Secor	idary Indic	ators
HYDR	ROLOGY			Inundated			Ox. rhizospl	ieres	Yes
				Sat. in Upp	er 12"	Yes	H20-stained	leaves	
Depth of	Surf. H2O	_	Inches	Water Mar	ks		Local Soil S	urvey	
Depth to	Free H20	5	Inches	Drift Lines	•		FAC Neutra	l Test	
Depth to	Saturation	U	Inches	Sediment D	eposits		Other	Evidence o	ponding
				Drainage p	atterns		Criteria Me		Yes
SOUS	Man	ned Series.	Wanato sile	v clav loam	ц	vdric Soil?		Vec	
SUILS	Cla	ssification:	Fluvaquent	ic Endoaque	nlls <b>Dra</b> i	inage Class:	n n	I CS orly draine	be
Depth	Matrix	Soil	Redo	x Concentra	ations	Other H	ydric Soil		
(Inches)	Color	Texture*	Color	abundance	/size/contrast	Field I	ndicators	Com	ments
0-14	2.5Y 3/1	SL	10YR 3/6	many, medi	um, distinct				
			2						
*SD-Sand	DI =Sandy Lo	am I –Loam S	DCI -Sandy Cl	l av Loam S=Sil	t SI =Silt Loam	SCI =Silty Clay	Loam CL=Clay	Loam C=Clas	,
SD-Said,	SDL-Saidy Lo	ani, L-Loani, S	Dell-Sandy er	ay Loan, 5–51		Sel Bity elay	Criteria Me	et:	Yes
VECH	TATION			··· · · · · · · · · ·	<u>, , , , , , , , , , , , , , , , , , , </u>				
	Stratum	(25%)	Status	% Cover	Herbaceou	s Stratum	(50%)	Status	% Cover
Fraxinus	latifolia*	(2070)	FACW	100	Alopecurus 1	oratensis*	(0070)	FACW	100
					······································			10 × 10	
÷									
Shrut	o Stratum	(20%)	Status	% Cover					
Crataegu	s monogyna *	*	FACU+	65 25	XX7 J X7		( 59/ )	Clater	0/ Carron
Rosa pisc	ocarpa*		FAC	35	Pubus discol	ine Stratum	(3%)	Status	% Cover
					Kubus aiscoi	07		FACU	100
*Percent	of dominar	nt species F	AC, FACW	, or OBL:	60%		Criteria Mo	et:	Yes
Commen	its:								
							Determinat	ion:	Wetland



Project:		Molall	a LWI	an a na nasari a tin Milan aano	Number:	2250	Sample Site	BC-1	2B-47
Applican	t:Ci	ty of Mola	lla	County:	Clack	amas	Date:	5/2	4/01
Investiga	tors:	SE/FS		Township:	5S	Range:	<b>2E</b>	Section:	8
Do Norma	l Circumstanc	es exist on	his site?	Yes	Is the area a p	otential Prob	lem Area?		No
Is this an <b>A</b>	Atypical Situat	tion?	а 	No					
				P	imary Indica	tors	Secor	ndary Indic	ators
HYDR	OLOGY		1 .	Inundated			Ox. rhizospl	heres	Yes
				Sat. in Upp	er 12"	Yes	H20-stained	leaves	
Depth of	Surf. H2O		Inches	Water Mar	ks		Local Soil S	urvey	
Depth to 1	Free H20	>14	Inches	Drift Lines		2	FAC Neutra	l Test	
Depth to a	Saturation	9	Inches	Sediment <b>D</b>	eposits		Other		
				Drainage p	atterns	Yes	Criteria M	et: T	Yes
COLLO	16		D . 11	a.					
SOILS	Марр	ed Series:	Dayton silt	loam	H Droi	ydric Soll?:		Yes	
Denth	Matrix	Soil	Typic Alda	quaits	Dial	Other H	ydric Soil	orly draine	<u>a</u>
(Inches)		Texture*	Color	abundance	e/size/contrast	Field I	ndicators	Com	ments
0-9	10YR 3/1	SL	7.5YR 3/4	few, fine, d	istinct		nuroutoro	gravelly	
9-14	10YR 3/1	SL	7.5YR 3/4	few, fine, d	istinct			0,	
		a .							
*SD=Sand,	SDL=Sandy Loar	n, L=Loam, S	DCL=Sandy Cla	ay Loam, S=Sil	t, SL=Silt Loam, S	SCL=Silty Clay	Loam, CL=Clay	Loam, C=Clay	/
	· · · · · · · · · · · · · · · · · · ·						Criteria M	et:	Yes
VEGE	TATION		5.						
Tree	Stratum	(0%)	Status	% Cover	Herbaceou	s Stratum	(100%)	Status	% Cover
					Phalaris aru	ndinacea*		FACW	. 20
					Alopecurus p	oratensis*		FACW	30
		-			Poa trivialis	*		FACW	20
					Festuca arun	ndinacea		FAC-	15
					Carex feta		x	FACW	2
			~		Rumex salici	folius		FACW	2
Shrub	Stratum	(0%)	Status	% Cover	Holcus lanat	us		FAC	5
					Cirsium vulg	are	(00/)	FACU	2
						ne Stratum	(0%)	Status	70 Cover
								u.	į.
								92 V	
*Percent	of dominant	species F.	AC, FACW	, or OBL:	100%		Criteria M	et:	Yes
Commen	ts:								
2 6 2									
							Determinat	ion:	Wetland



<u> </u>									
Project:		Molall	a LWI		Number:	2250	Sample Site BC-12B-48		
Applican	nt: C	ity of Mola	illa	County:	Clack	amas	Date:	5/2	4/01
Investiga	itors:	SE/FS		Township:	5S	Range:	<b>2</b> E	Section:	8
Do Norm	al Circumstan	ces exist on	this site?	Yes	Is the area a p	otential Prob	lem Area?	5	No
Is this an	Atypical Situa	ation?		No	-				
				P	rimary Indica	tors	Secor	idary Indic	ators
HYDF	ROLOGY			Inundated	-		Ox. rhizospl	heres	
				Sat. in Upp	er 12"		H20-stained	leaves	
Depth of	Surf. H2O		Inches	Water Mar	·ks		Local Soil S	urvey	
Depth to	Free H20	>12	Inches	Drift Lines			FAC Neutra	l Test	
Depth to	Saturation	>12	Inches	Sediment D	)eposits		Other		
				Drainage p	atterns		Criteria M	et:	No i
SOILS	Map	ped Series:	Dayton silt	loam	H	ydric Soil?:		Yes	
Donth	Clas Motrix	ssification:	Typic Alba	qualts	Drai	nage Class:	pc Induia Sail	orly draine	ed
(Inches)	Color	S011 Toxturo*	Color	x Concentr		Field I	yuric Soli ndicators	Com	monto
0-12	$\frac{\text{COOL}}{10 \text{YR } 4/2}$	SI	COIDI	abundance	e/size/contrast	rielu I	nuicators	Com	ments
0-12 101R 4/2 SL									
							•		
*SD=Sand,	SDL=Sandy Loa	am, L=Loam, S	DCL=Sandy Cl	ay Loam, S=Sil	t, SL=Silt Loam,	SCL=Silty Clay	Loam, CL=Clay	Loam, C=Clay	,
							Criteria Mo	et:	<u>No</u>
VEGE	TATION			• • • • • • • • • •					
Tree	Stratum	(0%)	Status	% Cover	Herbaceou	is Stratum	(90%)	Status	% Cover
					Cirsium vulg	are*		FACU	25
					Rumex aceto	sella		FACU+	15
					Plantago lan	ceolata		FAC	15
					Holcus lanat	us		FAC	10
					Alopecurus g	geniculatus		OBL	13
					Festuca arun	ıdinacea		FAC-	5
Shrub	Stratum	(5%)	Status	% Cover	Trifolium rep	pens		FAC	10
Quercus g	garryana*		UPL	100	Daucus caro	ta*		UPL	30
					Woody Vi	ine Stratum	(5%)	Status	% Cover
					Rubus discol	or*		FACU	100
*Percent	of dominan	t species F.	AC, FACW	, or OBL:	0%		Criteria Me	et:	No
Commen	its:	A CONTRACTOR AND A	in the superficted to the superficted of the superf						
								ž	
							Determinat	ion:	Upland



Project:		Molall	a LWI		Number:	2250	Sample Site	BC-1	2B-49
Applican	t: Ci	ty of Mola	lla	County:	Clack	amas	Date:	4/2	5/01
Investiga	tors:	SE/FS		Township:	<b>5</b> S	Range:	2E	Section:	8
Do Norma	al Circumstanc	es exist on	this site?	Yes	Is the area a po	otential Prob	lem Area?		No
Is this an .	Atypical Situat	tion?		No	-				
				Pi	rimary Indicat	ors	Secor	idary Indic	ators
HYDR	OLOGY			Inundated			Ox. rhizospl	heres	Yes
				Sat. in Upp	er 12"	Yes	H20-stained	leaves	
Depth of	Surf. H2O		Inches	Water Mar	'ks		Local Soil S	urvey	
Depth to	Free H20	0	Inches	Drift Lines	• • •		FAC Neutra	l Test	
Depth to	Saturation	U	Inches	Seaiment D	eposits	N	Other	TAUK ACCE	A CLARK FORMAN
				Drainage p	atterns	Y es	CHIGHEDIAL		× Yes
SOILS	Mann	ed Series:	Dayton silt	loam	H	vdric Soil?:		Yes	
	Clas	sification:	Typic Alba	qualfs	Drai	inage Class: poorly drained			d
Depth	Matrix	Soil	Redo	x Concentra	ations	Other H	ydric Soil		
(Inches)	Color	Texture*	Color	abundance	e/size/contrast	Field I	ndicators	Com	ments
0-5	10YR 3/2	SL	//						
5-10	10YR 3/1	SL	7.5YR 3/4	4 common, medium, distinct				1	
10-14	10YR 2.5/1	SL	7.5YR 3/4	few, medium, distinct				gravel	
*SD=Sand.	SDL=Sandy Loar	n. L=Loam. S	DCL=Sandy Cl	av Loam, S=Sil	t. SL=Silt Loam. S	SCL=Silty Clay	Loam, CL=Clay	Loam, C=Clay	,
				, , ,	,,-		Criteria M	et:1002 mil	Yes
VECE	TATION								
Tree	Stratum	(0%)	Status	% Cover	Herbaceou	s Stratum	(100%)	Status	% Cover
					Juncus effusu	is*		FACW	35
			,		Alopecurus p	ratensis		FACW	10
					Agrostis stole	onifera*		FAC	20
					Festuca arun	dinacea*		FAC-	20
					Veronica ame	ericana		OBL	3
	~	( 0.0 ( )	<u> </u>	N/ G	Carex feta			FACW	10
Shrub	Stratum	(0%)	Status	% Cover	Stachys coole	eyae		FACW	2
					Woody Vi	ne Stratum	(0%)	Status	% Cover
					woody vi		(0/0)	Status	70 00101
						~			
÷									
+D	of J				/=0/	2	0.22		V
^ Percent	of dominant	species F.	AU, FAUW	, or OBL:	67%		Criteria M	:0:	res
Commen	115:								
	Determination: Wetland								
							and the second	and the second	CONTRACTOR AND ADDRESS OF ADDRESS OF



Project:	·	Molall	a LWI		Number:	2250	Sample Site	BC-1	2B-50	
Applican	t: C	ity of Mola	Illa	County:	Clack	kamas	Date:	4/2	5/01	
Investiga	tors:	SE/FS		Township:	<b>5</b> S	Range:	2E	Section:	8	
Do Norma	al Circumstan	ces exist on	this site?	Yes	Is the area a p	otential Prob	lem Area?		No	
Is this an .	Atypical Situa	tion?		No						
				P	imary Indica	tors	Secor	dary Indic	ators	
HYDR	OLOGY			Inundated	·		Ox. rhizospl	neres		
				Sat. in Upp	er 12"		H20-stained	leaves		
Depth of	Surf. H2O		Inches	Water Mar	ks		Local Soil S	urvey		
Depth to	Free H20	>13	Inches	Drift Lines			FAC Neutra	l Test		
Depth to	Saturation	>13	Inches	Sediment <b>D</b>	eposits		Other		NUMBER OF THE OWNER OF THE OWNER	
				Drainage p	atterns		Criteria Mo	et.	No	
00110	M	10 .	D ( )	1					8	
SUILS	Clas	sification:	Dayton silt	loam	H	yaric Soll?: inaga Class:		Y es		
Denth	Matrix	Silication:	Typic Alba	lox Concentrations Of an age Cha			: poorly drained		<u>a</u>	
(Inches)	Color	Texture*	Color	abundance	/size/contrast	Field I	ndicators	Com	ments	
0-13	10YR 2/2	SL			4					
*SD=Sand,	SDL=Sandy Loa	im, L=Loam, S	DCL=Sandy Cl	ay Loam, S=Sil	t, SL=Silt Loam,	SCL=Silty Clay	Loam, CL=Clay	Loam, C=Clay	/	
			· · · · · · · · · · · · · · · · · · ·			A	Criteria Me	et:	No.	
VEGE	TATION									
Tree	Stratum	(0%)	Status	% Cover	Herbaceou	is Stratum	(65%)	Status	% Cover	
					Camassia qu	ıamash		FACW	15	
					Horkelia con	igesta		NOL	5	
					Vicia sativa			UPL	5	
					Geranium ro	bertianum		UPL	5	
					Galium apar	ine*		FACU	10	
	<u><u> </u></u>	( 200/ )	Ct-t	0/ Comm	Alopecurus p	oratensis		FACW	10	
Snrub	Stratum	(30%)	Status	% Cover	resiuca arun	ainacea*		FAC-	50 15	
Cylisus se	s douglasii		FAC	05 15	Woody Vi	ing Stratum	(5%)	Status	% Cover	
Cruiuegu	Crataegus douglasii FAC				Rubus discol	or*	(370)	FACU	100	
					Rubus uiseoi	.07		i nee	100	
	Terter t									
*Percent	of dominan	t species F	AC, FACW	, or OBL:	0%		Criteria Mo	et:	No	
Commen	ts:									
						-	Determinat	ion:	Upland	



Dustant		N.C. 1. 11	- X XX/T		INTthem	2250	G	PC 1	2D 51
Project:				la .	INumber:	2250	Sample Site	<u> </u>	2D-31
Applican	t: C	ity of Mola		County:	Clack		Date:	4/2	5/01
Investiga	tors:	SE/FS		Township:	58	Range:	<u>2E</u>	Section:	8
Do Norma	al Circumstand	ces exist on	this site?	Yes	Is the area a p	otential Prob	lem Area?		No
Is this an	Atypical Situa	tion?		No				· ·	
				P	imary Indica	tors	Secon	idary Indic	ators
HYDF	ROLOGY			Inundated			Ox. rhizospl	heres	Yes
				Sat. in Upp	er 12"	Yes	H20-stained	leaves	
Depth of	Surf. H2O	<u>.</u>	Inches	Water Mar	·ks		Local Soil S	urvey	
Depth to	Free H20	8	Inches	Drift Lines			FAC Neutra	l Test	a.
Depth to	Saturation	7	Inches	Sediment L	eposits		Other		a a state a st
				Drainage p	atterns		Criteria M	et: Set	Yes
SOLE	Матт	ad Sarias	Douton alle	loom	тт	varia Salla		V	
SUILS	Clas	sification	Turio Albo	qualfs	H Drai	yuric Soll?: inage Class	-	r es	be
Denth	Matrix	Soil	Typic Alba	yuans x Concentr	ations	Other H	vdric Soil		<u></u>
(Inches)	Color	Texture*	Color	abundance	e/size/contrast	Field I	ndicators	Com	ments
0-15	2.5Y 3/1	SL							
0-15	10YR 3/2	SL						50/50 mix	
								ĸ	
						l			
*SD=Sand,	SDL=Sandy Loa	m, L=Loam, S	DCL=Sandy Cl	ay Loam, S=Sil	t, SL=Silt Loam,	SCL=Silty Clay	Loam, CL=Clay	Loam, C=Clay	<u>/</u>
							Criteria M	et:	Yes
VEGE	TATION								
Tree	Stratum	(0%)	Status	% Cover	Herbaceou	is Stratum	(100%)	Status	% Cover
		1			Veronica scu	ıtellata		OBL	10
					Festuca rubr	·a*		FAC+	- 30
					Alopecurus p	oratensis*		FACW	40
					Veronica ser	pyllifolia		FAC	15
			,						
		(00/)		A/ C	4				
Shrut	Stratum	(0%)	Status	% Cover					
					Woody Vi	ine Stratum	(0%)	Status	% Cover
					Woody VI		(070)	Status	-70 COVCI
				l	L		· · · · · · · · · · · · · · · · · · ·		
*Percent	of dominan	t species F	<u>AC, FAC</u> W	, or OBL:	100%		Criteria M	et:	Yes
Commen	its:								
							Determinat	ion:	Wetland



Project:		Molall	a LWI		Number:	2250	Sample Site	BC-1	2B-52		
Applican	t: Ci	ity of Mola	illa	County:	Clack	amas	Date:	4/2	25/01		
Investiga	tors:	SE/FS		Township:	58	Range:	2E	Section:	8		
Do Norma	al Circumstanc	es exist on	this site?	Yes	Is the area a p	otential Prob	lem Area?		No		
Is this an .	Atypical Situat	tion?		No							
			, <b>, , , , , , , , , , , , , , , , , , </b>	P	rimary Indica	tors	Secor	idary Indic	ators		
HYDR	OLOGY			Inundated			Ox. rhizospl	aeres			
				Sat. in Upp	er 12"		H20-stained	leaves			
Depth of	Surf. H2O		Inches	Water Mar	·ks		Local Soil S	urvey			
Depth to	Free H20	>14	Inches	Drift Lines			FAC Neutra	l Test			
Depth to	Saturation	>14	Inches	Sediment D	Deposits		Other	and and an and a second second second			
				Drainage p	atterns		Criteria Mo	et:	No. 1		
SOLIS	Mar-	od Sorias	Dautan alle	1000	ŦŦ	udula C-110		NZ			
SUILS	марр Сюс	sification	Dayton silt	nualfs	H Droi	yuric Soll?: inage Class		Y es	ad		
Denth	Matrix	Silication.	Typic Alba	yuans v Concentr	ations	Other H	vdric Soil		30		
(Inches)	Color	Texture*	Color	abundance	e/size/contrast	Field I	ndicators	Com	ments		
0-14	10YR 2.5/2	SL									
					····						
*SD=Sand,	SDL=Sandy Loan	m, L=Loam, S	DCL=Sandy Cl	ay Loam, S=Sil	t, SL=Silt Loam,	SCL=Silty Clay	Loam, CL=Clay	Loam, C=Clay	1		
							Criteria Mo	et:	No		
VEGE	TATION										
Tree	Stratum	(0%)	Status	% Cover	Herbaceou	is Stratum	(100%)	Status	% Cover		
					Lolium multi	florum*		UPL	20		
					Festuca arun	ndinacea*		FAC-	30		
					Anthoxanthu	m odoratum	*	FACU	20		
					Festuca rubr	a*	а 2 4	FAC+	20		
					Vicia tetrasp	erma		UPL	5		
		( 00/ )	<u><u> </u></u>	A/ C	Plantago lan	ceolata		FAC	3		
Shrub	Stratum	(0%)	Status	% Cover	Cardamine o	oligosperma		FAC	2		
					Woody Vi	ine Stratum	(0%)	Status	% Cover		
							(0/0)		70 00.01		
							«				
*Percent	of dominant	t species F	AC, FACW	, or OBL:	25%		Criteria Mo	et:	No		
Commen	ts:										
							and the second				
							Determinat	ion:	Upland		



Project:		Molall	a LWI		Number:	2250	Sample Site	BC-	13-53	
Applican	t: C	ity of Mola	Illa	County:	Clac	kamas	Date:	4/1	8/01	
Investiga	tors:	SE/FS		Township:	<b>5</b> S	Range:	2E	Section:	7	
Do Norma	al Circumstand	ces exist on	this site?	Yes	Is the area a p	otential Prob	lem Area?	103.0.	No	
Is this an .	Atypical Situa	tion?		No	-					
				P	rimary Indica	tors	Secor	ndary Indic	ators	
HYDR	OLOGY		р	Inundated	•	L.	Ox. rhizospl	heres		
				Sat. in Upp	er 12"		H20-stained	ed leaves		
Depth of	Surf. H2O		Inches	Water Mar	·ks	2	Local Soil S	urvey		
Depth to	Free H20	>14	Inches	<b>Drift Lines</b>		3	FAC Neutra	l Test		
Depth to	Saturation	>14	Inches	Sediment D	eposits		Other			
				Drainage p	atterns		Criteria M	et:	No	
SOILS	Mapp	bed Series:	Dayton silt	loam	H	lydric Soil?:		Yes		
D. (I		sification:	Typic Alba	qualfs	Dra	inage Class:	pc	orly draine	ed	
Depth	Matrix	Soll Tartuna*	Redo Color	x Concentr	ations	Other H	ydric Soil	C	·	
(Inches)	10VP 2/2	SI SI	Color	abundanc	e/size/contrast	Field 1	ndicators	Com	ments	
9-14	10 T K 2/2 10 VR 3/2	SCI								
2-14	10110.572	JCL								
*SD=Sand,	SDL=Sandy Loa	m, L=Loam, S	DCL=Sandy Cl	ay Loam, S=Sil	t, SL=Silt Loam,	SCL=Silty Clay	Loam, CL=Clay	Loam, C=Clay	/	
		<u> </u>					Criteria M	et:	No	
VEGE	TATION									
Tree	Stratum	(60%)	Status	% Cover	Herbaceo	us Stratum	(30%)	Status	% Cover	
Quercus ;	garryana*		UPL	100	Dactylis glo	merata		FACU	20	
		Ξ.			Lolium mult	iflorum*		UPL	20	
					Bromus rigi	dus		UPL	20	
					Galium apar	rine*		FACU	20	
					Vicia sativa			UPL	2	
					Prunella vul	garis		FACU+	3	
Shrub	Stratum	(10%)	Status	% Cover	Holcus lana	tus		FAC	5	
Crataegu	s monogyna		FACU+	50	Geranium ro	obertianum	8 7 8 8	UPL	5	
Symphori	carpos albus		FACU	50	Woody V	ine Stratum	(0%)	Status	% Cover	
					1				ж.	
*Percent	of dominan	t species F	AC, FACW	, or OBL:	0%	1	Criteria Mo	et:	No	
Commen	ts:		v.		······································					
		э								
							Determinat	ion:	Upland	



·									
Project:		Molall	a LWI		Number:	2250	Sample Site	te BC-13-54	
Applican	t: C	ity of Mola	lla	County:	Clack	kamas	Date:	4/1	8/01
Investiga	tors:	SE/FS		Township:	<b>5</b> S	Range:	2E	Section:	7
Do Norma	al Circumstand	es exist on	this site?	Yes	Is the area a p	otential Probl	em Area?		No
Is this an <b>A</b>	Atypical Situa	tion?		No					
			6 8 20 60	P	rimary Indica	tors	Secor	ndary Indic	ators
HYDR	OLOGY			Inundated			Ox. rhizospl	heres	10
				Sat. in Upp	er 12"		H20-stained	leaves	
Depth of	Surf. H2O		Inches	Water Mar	·ks		Local Soil S	urvey	
Depth to 2	Free H20	0	Inches	Drift Lines			FAC Neutra	l Test	
Depth to	Saturation	0	Inches	Sediment D	Deposits		Other		
				Drainage p	atterns	Yes	Criteria M	et:	Yes
	server and					1 125 1211 12440			
SOILS	Mapp	ed Series:	Dayton silt	loam	H	ydric Soil?:		Yes	
		sification:	Typic Alba	aqualfs Drainage Clas			s: poorly drained		
Depth	Matrix	Soll Testure*	Redo Color	x Concentr	ations	Other H	ydric Soil	Com	
(Inches)	10VD 2/2	1 exture [*]	Color	abundance/size/contrast Field Indicator:				Com	ments
10-10	10  K  2/2 10  YR  3/1	SL	10VR 3/3	common m	redium faint				
10-14	1011 3/1	SL	10110 5/5		iculum, lamt		i a		
*SD=Sand,	SDL=Sandy Loa	m, L=Loam, S	DCL=Sandy Cl	ay Loam, S=Sil	t, SL=Silt Loam,	SCL=Silty Clay	Loam, CL=Clay	Loam, C=Clay	,
							Criteria M	et:	Yes
VECE	TATION		2. 2	ter and the second s					
Tree	Stratum	(0%)	Status	% Cover	Herbaceou	is Stratum	(100%)	Status	% Cover
		( , , , , ,			Alopecurus p	oratensis*		FACW	80
					Festuca arun	ndinacea		FAC-	10
					Festuca rubr	ra		FAC+	5
					Galium apar	rine		FACU	3
					Prunella vul	garis		FACU+	2
						14°			
Shrub	Stratum	(0%)	Status	% Cover	ļ				
					Woody Vi	ine Stratum	(0%)	Status	% Cover
				6 8	ļ				
				L	L				
*Percent	of dominan	t species F	AC, FACW	, or OBL:	100%		Criteria M	et:	Yes
Commen	its:					······			
	a (21)								
							Determinat	ion:	Wetland



· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·								
Project:		Molall	a LWI		Number:	2250	Sample Site	BC-	15-55
Applican	t: C	City of Mola	illa	County:	Clack	amas	Date:	4/1	8/01
Investiga	tors:	SE/FS		Township:	<u>5</u> S	Range:	<u>2E</u>	Section:	7
Do Norma	al Circumstan	ces exist on	this site?	Yes	Is the area a p	otential Prob	lem Area?		No
Is this an	Atypical Situ:	ation?		No					
				Ľ	rimary Indica	tors	Secor	idary Indic	ators
HYDR	ROLOGY		Ŧ	Inundated			Ox. rhizospl	heres	
			auts and 1	Sat. in Upp	er 12"	Yes	H20-stained	leaves	
Depth of Depth to	Suri. H2O	=	Inches	Water Mar	'KS		Local Soil S	urvey	
Depth to	Free H20 Seturation	5	Inches	Drift Lines	)on osito		FAC Neutra	u lest	
Depth to	Saturation	U	Inches	Seuiment L	reposits		Other		A REAL PROPERTY OF THE PARTY OF T
<u> </u>				Drainage p	atterns		Criteria M		Test.
SOILS	Man	ped Series:	Dayton silt	loam	н	vdric Soil?	a a	Ves	
	Cla	ssification:	Typic Alba	qualfs	Drai	nage Class:	pc	orly drain	ed
Depth	Matrix	Soil	Redo	x Concentr	ations	Other H	ydric Soil		
(Inches)	Color	Texture*	Color	abundance	e/size/contrast	Field I	ndicators	Com	ments
0-13	2.5Y 3/2	SL						boast -	
13-16	2.5Y 3/2	SCL	10YR 4/6	common, m	nedium, distino	ct			
*SD-Sond	SDI -Sandy La	m I -Loom S	DCI -Sandy Cl		t SI -Silt I com (		Loom CL-Clay		
5D-5and,	ODL Bandy Loa			ay Loan, 5–5h	a, 52–5m Loan, s	SCL-Silty Clay	Criteria M	et•	Yes
					······································				
	Stratum	(0%)	Status	% Cover	Harbacoou	s Stratum	(100%)	Status	% Cover
	Stratum	(0/0)	Status	70 0000	Alonecurus n	oratensis*	(10070)	FACW	85
		121			Geranium ro	hertianum		UPL	5
					Galium apar	ine		FACU	10
		20			1			fannin syndera prinse ar	
Shrub	Stratum	(0%)	Status	% Cover		÷.			
					2	1. 0847			-
					Woody Vi	ne Stratum	(0%)	Status	% Cover
а			×						
				2.1.10			·	L	
*Percent	of dominan	t species F	AC, FACW	, or OBL:	100%		Criteria Mo	et:	Yes
Commen	ts:								
							Determinat	ion:	Wetland



Project		Molall	a I \X/I		Number	2250	Sample Site		15-56
Annliage	+. <u> </u>	ity of Mala	a L WI	Country		2230	Data:		C/01
Applican	t. <u> </u>	ILY OF MOR		County:		Ramas		<u>0/</u>	0/01
investiga		SE/PF		Township:		Range:	<u> 2E</u>	Section:	
Do Norma	al Circumstand	ces exist on	this site?	Yes	Is the area a p	otential Probl	em Area?		No
Is this an	Atypical Situa	tion?		No					
				P	rimary Indica	tors	Secon	dary Indic	ators
HYDR	OLOGY			Inundated			Ox. rhizosph	ieres	
				Sat. in Upp	er 12"		H20-stained	leaves	
Depth of	Suri. H2O	>14	Inches	Water Mar	'KS		Local Soli Si	irvey L Test	
Depth to	Saturation	>14	Inches	Sediment T	anasits		Other	I I est	
Depin to	Jaturation	~ 14	Inches	Drainaga n	ottorns		Oritorio Ma		N ASS
				Di alliage p			CINCILLANIC		CONCEPTION OF
SOILS	Mann	oed Series:	Amity silt 1	loam	Ĥ	vdric Soil?:		No	
	Clas	sification:	Argiaquic 2	Xeric Argia	bolls Dra	inage Class:	somewl	nat poorly	drained
Depth	Matrix	Soil	Redo	x Concentr	ations	Other H	ydric Soil		
(Inches)	Color	Texture*	Color	abundance/size/contrast Field In			ndicators Comments		
0-14	10YR 3/2	SL	10YR 3/4	common, m	nedium, faint	200-00 parts	2018/0		17 2030000-13
*CD Card	CDI -C			CC:1	4 CI - C'lt I				
-SD-Sand,	SDL-Sandy Loa	in, L=Loam, 5	DCL=Sandy Ci	ay Loan, 5–51	t, SL=Siit Loam,	SCL=Silly Clay	Critoria Me	toam, C=Clay	Ves
				5					I.C.S
VEGE	TATION	(00/)	64-4	0/ Comm			(1000/)	<u> </u>	0/ Correct
Iree	Stratum	(0%)	Status	% Cover	Herbaceou	is Stratum	(100%)	<u>Status</u>	% Cover
				-4	Festuca arui Holcus lanai	tus		FAC-	10
					Aorostis teni	us vis*		FAC	20
					Lolium multi	iflorum*		UPL	20
ž					Bromus moli	lis*		UPL	30
					Anthoxanthu	m odoratum		FACU	10
Shrub	Stratum	(0%)	Status	% Cover			5		
					Woody V	ine Stratum	(0%)	Status	% Cover
	p			i.					l
*Percent	of dominan	t species F	AC. FACW	or OBL	33%		Criteria Me	nt:	No
Commen	ts:			,					
Jumph									
							Determinat	ion:	Upland



<b>.</b> .					<b>.</b>		10 1 00		40.00
Project:		Molall	a LWI	r T	Number:	2250	Sample Site	BC-	15-57
Applican	t: C	ity of Mola	alla	County:	Clack	amas	Date:	6/	6/01
Investiga	tors:	SE/PF		Township:	<u>5S</u>	Range:	<u>2E</u>	Section:	7
Do Norma	al Circumstan	ces exist on	this site?	Yes	Is the area a p	otential Prob	lem Area?		No
Is this an A	Atypical Situa	tion?		No					
				P	rimary Indica	tors	Secor	idary Indic	ators
HYDR	OLOGY			Inundated			Ox. rhizospł	ieres	Yes
				Sat. in Upp	er 12"		H20-stained	leaves	
Depth of a	Surf. H2O		Inches	Water Mar	·ks		Local Soil S	urvey	
Depth to 1	Free H20	>14	Inches	Drift Lines			FAC Neutra	l Test	
Depth to a	Saturation	>14	Inches	Sediment D	)eposits		Other	Algal mats	
				Drainage p	atterns	Yes	Criteria Me	et: State	Yes
			15 J00, MARINE						
SOILS	Mapp	bed Series:	Amity silt l	oam	H	ydric Soil?:		No	
		sification:	Argiaquic 2	Keric Argial	bolls Drai	inage Class:	somew	hat poorly	drained
Depth	Matrix	Soil	Redo	x Concentrations Other Hydric Soil Field Indicators					
(Incnes)	$\frac{\text{Color}}{10\text{VD}} 2/2$	Texture*	Color	abundance/size/contrast Field Indicators				Com	ments
0-8 8.14	101  K 3/2 2 5 V 5/2		10VP 1/6	common fi	ne distinct		n - 5		æ
0-14	2.31 3/2	SCL	101 K 4/0		ne, uistinet				
			1			*		4	
*SD=Sand,		um, L=Loam, S	DCL=Sandy Cl	ay Loam, S=Sil	t, SL=Silt Loam,	SCL=Silty Clay	Loam, CL=Clay	Loam, C=Clay	,
	<u></u>		ner estrer on identified and a				Criteria Mo	et:	Yes
VECE					5				
Tree	Stratum	(0%)	Status	% Cover	Harbacaon	e Stratum	(100%)	Status	% Cover
Inte		(070)	Status	70 00101	Holcus lanat		(10070)	FAC	10
				18	Rumex crisp	us		FAC+	2
				2	Juncus tenui.	5		FACW-	3
					Alopecurus g	geniculatus*		OBL	85
							÷		
			e 			à	7	×	
Shrub	Stratum	(0%)	Status	% Cover					
					Woody Vi	ine Stratum	(0%)	Status	% Cover
				-					
*Percent	of dominan	t species F	AC, FACW	, or OBL:	100%		Criteria Me	et:	Yes
Commen	ts:		5						
					v.				
							Determinat	ion:	Wetland



Project:	······································	Molall	a LWI		Number:	2250	Sample Site	BC-1	6B-58
Applican	t: C	ity of Mola	alla	County:	Clack	amas	Date:	6/	6/01
Investiga	tors:	SE/PF		Township:	55	Range:	<u>2E</u>	Section:	7
Do Norm:	al Circumstan	ces exist on	this site?	Yes	Is the area a r	otential Prob	em Area?		No
Is this an	Atypical Situa	ation?		No					110
				P	rimarv Indica	tors	Secor	ndarv Indic	ators
HYDR	ROLOGY			Inundated			Ox. rhizospl	heres	
				Sat. in Upp	er 12"		H20-stained	leaves	
Depth of	Surf. H2O		Inches	Water Man	rks		Local Soil S	urvey	
Depth to	Free H20	>14	Inches	<b>Drift Lines</b>			FAC Neutra	l Test	
Depth to	Saturation	>14	Inches	Sediment I	Deposits		Other		
				Drainage p	atterns		Criteria M	t:對醫療後	No -
SOILS	Map	ped Series:	Amity silt	loam	H	ydric Soil?:		No	
Depth	Matrix	Soil Soil	Argiaquic .	xeric Argia	ibolis <b>Dra</b>	Inage Class:	somew	hat poorly	drained
(Inches)	Color	Texture*	Color	ox Concentrations Other abundance/size/contrast Field			ndicators	Com	ments
0-14	10YR 3/4	SL		abunuant			Iuicators	com	ments
		1							
							÷		
*SD=Sand,	SDL=Sandy Loa	im, L=Loam, S	DCL=Sandy Cl	ay Loam, S=Sil	lt, SL=Silt Loam,	SCL=Silty Clay	Loam, CL=Clay	Loam, C=Clay	/
					and the second		Criteria Mo	et:	No
VEGE	TATION								
Tree	Stratum	(0%)	Status	% Cover	Herbaceou	ıs Stratum	(100%)	Status	% Cover
					Anthoxanthu	m odoratum	*	FACU	60
					Chrysanthen	um leucanth	emum	UPL	5
					Trifolium pro	atense		FACU	10
				e	Hypochaeris	radicata		FACU	5
					Rumex aceto	sella	5	FACU+	10
	<u>0</u> 4 4	( 00/ )	Ctatas	0/ C	Plantago lan	iceolata		FAC	5
Shrub	Stratum	(0%)	Status	% Cover					
					Woody Vi	ine Stratum	(0%)	Status	% Cover
					, woody vi		(070)	Status	70 00101
			16						
*Percent	of dominan	t species F	AC, FACW	', or OBL:	0%		Criteria Me	et:	No
Commen	ts:								
			5				Determinat	ion:	Upland



Project:		Molal	la LWI		Number:	2250	Sample Site	BC-1	6B-59
Applican	t: C	ity of Mola	alla	County:	Clack	kamas	Date:	6/	6/01
Investiga	tors:	SE/PF		Township:	58	Range:	<b>2</b> E	Section:	7
Do Norma	al Circumstan	ces exist on	this site?	Yes	Is the area a p	otential Probl	em Area?		No
Is this an .	Atypical Situa	ation?		No					
				P	rimary Indica	tors	Secor	idary Indic	ators
HYDR	ROLOGY			Inundated			Ox. rhizospl	neres	Yes
				Sat. in Upp	er 12"		H20-stained	leaves	
Depth of	Surf. H2O		Inches	Water Mar	·ks		Local Soil S	urvey	
Depth to	Free H20	>12	Inches	<b>Drift Lines</b>	с ц.		FAC Neutra	l Test	
Depth to	Saturation	>12	Inches	Sediment D	Deposits		Other	Section of the sector	
				Drainage p	atterns	Yes	Criteria M	et:Example	Yes
SOUS	Mon	and Comings	A		т	adula Calla		N.	
SUILS	Map]	sification	Amity Sift	Veric Argici	Halle Drei	inage Class		INO	drained
Denth	Matrix	Soil	Redo	v Concentr	ations	Other H	vdric Soil	lat poorty	
(Inches)	Color	Texture*	Color	abundance	e/size/contrast	Field I	ndicators	Com	ments
0-12	10YR 3/1	SL							
*SD=Sand,	SDL=Sandy Loa	am, L=Loam, S	DCL=Sandy Cl	ay Loam, S=Sil	t, SL=Silt Loam,	SCL=Silty Clay	Loam, CL=Clay	Loam, C=Clay	/
							Criteria Mo	et:	Yes .
VEGE	TATION					1			
Tree	Stratum	(0%)	Status	% Cover	Herbaceou	ıs Stratum	(100%)	Status	% Cover
					Phalaris aru	ndinacea*		FACW	35
					Juncus effusi	us		FACW	15
					Veronica am	ericana*		OBL	25
					Alopecurus p	oratensis		FACW	15
			-		Juncus tenui	S		FACW-	10
		( 0.0 ( )	<u></u>	A/ C					
Shrut	Stratum	(0%)	Status	% Cover					
					Woody Vi	ing Stratum	(0%)	Status	% Cover
					woody v	ine sti atum	(070)	Status	70 COVCI
								4	
				L	L				
*Percent	of dominan	t species F	AC, FACW	, or OBL:	100%		Criteria Mo	et:	Yes
Commen	its:						20 a.		
									-12
							Determinat	ion:	Wetland



Project:		Molall	a LWI	· · · · · · · · · · · · · · · · · · ·	Number:	2250	Sample Site	BC-	17-60
Applican	t: C	city of Mola	ılla	County:	Clac	kamas	Date:	5/	1/01
Investiga	tors:	SE/PF		Township:	<b>5</b> S	Range:	2E	Section:	7
Do Norma	al Circumstan	ces exist on	this site?	Yes	Is the area a p	potential Prob	lem Area?		No
Is this an <b>J</b>	Atypical Situ:	ation?		No					
				P	rimary Indica	itors	Secor	idary Indic	ators
HYDR	ROLOGY			Inundated		3	Ox. rhizospl	ieres	
				Sat. in Upp	er 12"	Yes	H20-stained	leaves	
Depth of	Surf. H2O		Inches	Water Mar	·ks		Local Soil S	urvey	
Depth to	Free H20	10	Inches	Drift Lines			FAC Neutra	l Test	
Depth to a	Saturation	6	Inches	Sediment <b>D</b>	)eposits		Other	_	
				Drainage p	atterns	Yes	Criteria M	et. 👘 👘	Yes
SOILS	Man	nad Sarias	Wonata all	hu alay laam	. <b>1</b> 1	Indria Calla		Var	
SUILS	Cla	ssification.	Fluvaquent	ic Endoacu	l II olis Dra	inage Class	n	Y es	ad
Depth	Matrix	Soil	Redo	x Concentr	ations	Other H	vdric Soil		<u></u>
(Inches)	Color	Texture*	Color	abundance	e/size/contrast	Field I	ndicators	Com	ments
0-18	10YR 2/2	SL				fe concretio	ns		-10.00
	Υ.								
*SD=Sand,	SDL=Sandy Lo	am, L=Loam, S	DCL=Sandy Cl	ay Loam, S=Sil	t, SL=Silt Loam,	SCL=Silty Clay	Loam, CL=Clay	Loam, C=Clay	/
							Criteria Mo	et:	Yes
VEGE	TATION								
Tree	Stratum	(0%)	Status	% Cover	Herbaceou	us Stratum	(100%)	Status	% Cover
					Impatiens no	oli-tangere*		FACW	30
					Phalaris aru	undinacea*		FACW	70
				2					
Shrub	Stratum	(0%)	Statue	% Cover					
Shiub	Stratum	(0/0)	Status	70 00101					
					Woody V	ine Stratum	(0%)	Status	% Cover
					v				
*Percent	of dominan	it species F	AC, FACW	, or OBL:	100%	ja J	Criteria Me	et:	Yes
Commen	ts:								
							Determinat	ion:	Wetland



Project:		Molall	a LWI		Number:	2250	Sample Site	BC-	17-61
Applican	t: Ci	ity of Mola	lla	County:	Clack	amas	Date:	5/	1/01
Investiga	tors:	SE/PF		Township:	<b>5</b> S	Range:	2E	Section:	7
Do Norma	al Circumstanc	es exist on	this site?	Yes	Is the area a p	otential Probl	em Area?		No
Is this an .	Atypical Situa	tion?		No	<u></u>	· · · · ·			
				Pı	imary Indica	tors	Secor	idary Indic	ators
HYDR	ROLOGY			Inundated			Ox. rhizospl	heres	
				Sat. in Upp	er 12"		H20-stained	leaves	
Depth of	Surf. H2O		Inches	Water Mar	ks		Local Soil S	urvey	
Depth to	Free H20	>14	Inches	Drift Lines			FAC Neutra	l Test	
Depth to	Saturation	>14	Inches	Sediment D	eposits		Other		
				Drainage p	atterns		Criteria M	et:	No
COLLC	N		D	1		1.1.0.10		**	
SOILS	Mapp	sification:	Dayton silt	Ioam	H) Droi	ydric Soll?:		Y es	.1
Denth	Matrix	Silication:	Typic Alda	quaits v Concentr	DIAL ations	Other H	pc vdric Soil	forly draine	20
(Inches)		Texture*	Color	abundance	e/size/contrast	Field I	ndicators	Com	ments
0-14	10YR 3/4	SL							inteneo.
		8							
8							3		
*SD=Sand,	SDL=Sandy Loa	m, L=Loam, S	DCL=Sandy Cla	ay Loam, S=Sil	t, SL=Silt Loam, S	SCL=Silty Clay	Loam, CL=Clay	Loam, C=Clay	, 
						-	Criteria Mo	et:	No
VEGE	TATION								
Tree	Stratum	(10%)	Status	% Cover	Herbaceou	s Stratum	(70%)	Status	% Cover
Abies pro	ocera*	in set a consider frances in	NOL	100	Festuca arun	dinacea*		FAC-	35
					Hypochaeris	radicata		FACU	10
		2			Agrostis tenu	uis*		FAC	20
					Cirsium arve	ense		FACU+	5
					Vicia sativa	~~ · · · ·		UPL	5
<u></u>	C4	(08/)	Chatar	0/ C	Taraxacum o	fficinale		FACU	5
Shrub	Stratum	(0%)	Status	% Cover	Kumex crispi	us Saus		FAC+	5 10
					Woody Vi	no Stratum	(20%)	FAC Status	$\frac{10}{6}$ Cover
					Rubus discol	or*	(2070)	FACI	100
					Ruous uiscor	07		IACO	100
					L				
*Percent	of dominant	t species F.	AC, FACW	, or OBL:	33%		Criteria M	et:	No
Commen	ts:	Christmas	tree farm	5.200. 2		2.32	2 1000000		
								time and the second	
							Determinat	ion:	Upland



Project:		Molall	a LWI		Number:	2250	Sample Site	BC-	18-62	
Applican	t: C	ity of Mola	nlla	County:	Clack	amas	Date:	Date: 4/25/01		
Investiga	tors:	SE/FS		Township:	55	Range:	<u>2E</u>	Section:	8	
Do Norm:	al Circumstanc	ces exist on	this site?	Yes	Is the area a n	otential Prob	lem Area?		No	
Is this an	Atypical Situa	tion?		No	10 110 m m m m p				1.0	
		(1997) - 2003) 19 19		P	rimary Indica	tors	Seco	ndary Indic	ators	
HYDR	ROLOGY			Inundated		Yes	Ox. rhizosp	heres	Yes	
				Sat. in Upp	er 12"	Yes	H20-stained	leaves		
Depth of	Surf. H2O	1	Inches	Water Mar	·ks		Local Soil S	urvey		
Depth to	Free H20	0	Inches	<b>Drift Lines</b>			FAC Neutra	l Test		
Depth to	Saturation	0	Inches	Sediment <b>D</b>	eposits		Other			
			7	Drainage p	atterns		Criteria M	et:	Yes	
		2.75 (1962) 296	×50 // //			~ ~ ~				
SOILS	Марр	ed Series:	Clackamas	silt loam	H	ydric Soil?:		No		
	Clas	sification:	Typic Argi	aquolls	Drai	inage Class:	somew	hat poorly	drained	
Depth	Matrix	Soil Testart	Redo	x Concentr	ations	Other H	ydric Soil	C		
(Inches)	10VP 2/2	1 exture [*]	10VD 2/6	abundance	e/size/contrast	Field I	adicators	Com	ments	
0-9	10  I K  5/2 10  VR  4/2		10 T K 5/0	common m	ni, uistinet redium distin	 >t		mavel		
9-14	1011 4/2		1011 3/0		iculuili, distili			giavei		
*SD=Sand,	SDL=Sandy Loa	m, L=Loam, S	DCL=Sandy Cl	ay Loam, S=Sil	t, SL=Silt Loam,	SCL=Silty Clay	Loam, CL=Clay	Loam, C=Clay	y	
				·····	1		Criteria M	et:	Yes	
VEGE	TATION	an and					<u></u>			
Tree	Stratum	(0%)	Status	% Cover	Herbaceou	is Stratum	(100%)	Status	% Cover	
					Agrostis stol	onifera*		FAC	30	
				к 2	Ranunculus	repens*		FACW	30	
				ĸ	Juncus paten	<i>s*</i>		FACW	20	
					Festuca arun	ndinacea		FAC-	10	
					Veronica scu	itellata		OBL	5	
		2 2 20 W W		807 F (2+0*		e.				
Shrub	Stratum	(0%)	Status	% Cover					Í	
					<b>XX</b> 7 <b>X X X</b>	<b>0</b> ( )	( 0.0 / )	<u> </u>		
					Woody VI	ine Stratum	(0%)	Status	% Cover	
				ĩ						
*Percent	of dominant	t species F.	AC, FACW	, or OBL:	100%	201003	Criteria M	et:	Yes	
Commen	ts:									
							Determinat	ion:	Wetland	



Project:		Molall	a LWI		Number:	2250	Sample Site	BC-	18-63
Applican	t: Ci	ity of Mola	ılla	County:	Clack	kamas	Date:	4/2	5/01
Investiga	tors:	SE/FS		Township:	58	Range:	<u>2E</u>	Section:	8
Do Norma	al Circumstanc	es exist on	this site?	Yes	Is the area a p	otential Probl	lem Area?		No
Is this an	Atypical Situa	tion?		No					
		2		P	rimary Indica	tors	Seco	ndary Indic	ators
HYDR	ROLOGY			Inundated			Ox. rhizosp	heres	Yes
				Sat. in Upp	er 12"		H20-stained	leaves	
Depth of	Surf. H2O		Inches	Water Mar	·ks		Local Soil S	urvey	
Depth to	Free H20	>12	Inches	Drift Lines			FAC Neutra	al Test	
Depth to	Saturation	>12	Inches	Sediment D	eposits		Other		
				Drainage p	atterns		Criteria M	et: 👘	No
	24	10.1	<u> </u>			1.0.00			0
SOILS	Mapp	ed Series:	Clackamas	silt loam	H	ydric Soil?:		No	
Donth	Clas Motrix	Silication:	Typic Argi	aquolis	Drai	Dethor H	somew	hat poorly (	drained
(Inches)	Color	SUII Toyturo*	Color	x Concentra	auons	Field I	ndicators	Com	monts
0-12	10YR 3/2	SL	COIOI	abunuance	e/size/contrast	I leiu I		Com	ments
• 12	101100/2	5L							
*SD=Sand,	SDL=Sandy Loa	m, L=Loam, S	DCL=Sandy Cl	ay Loam, S=Sil	t, SL=Silt Loam,	SCL=Silty Clay	Loam, CL=Clay	Loam, C=Clay	/
61 S			ž				Criteria M	et:	No
VEGE	TATION								
Tree	Stratum	(0%)	Status	% Cover	Herbaceou	is Stratum	(30%)	Status	% Cover
		8			Festuca arun	ndinacea*		FAC-	30
					Agrostis tenı	uis*		FAC	30
					Daucus caro	ta*		UPL	20
					Juncus tenui.	s		FACW-	15
					Vicia sativa			UPL	5
		,							
Shrub	Stratum	(65%)	Status	% Cover					
Cytisus se	coparius*		UPL	75		<b></b>	/ <b>- /</b> · ·		
Crataegu	s douglasii		FAC	15	Woody Vi	ine Stratum	(5%)	Status	% Cover
Prunus a	vium		UPL	10	Rubus discol	or*		FACU	100
							27 		
*Percent	of dominant	t species F.	AC, FACW	, or OBL:	20%	r.	Criteria M	et:	No
Commen	ts:								
									And the second
		1:					Determinat	tion:	Upland



Project:		Molall	a LWI		Number:	2250	Sample Site	BC-2	2B-64
Applican	t: <u>Ci</u>	ty of Mola	lla	County:	Clack	amas	Date:	5/	1/01
Investiga	tors:	SE/PF		Township:	<u>5</u> S	Range:	<u>2E</u>	Section:	8
Do Norma	l Circumstanc	es exist on	his site?	Yes	Is the area a p	otential Prob	lem Area?	(2)	No
Is this an A	Atypical Situat	ion?		No					
				P	imary Indica	tors	Secor	ndary Indic	ators
HYDR	OLOGY			Inundated			Ox. rhizospl	heres	
D	<b>F T</b> ( <b>A</b> )		<b>.</b> .	Sat. in Upp	er 12"	N/	H20-stained	leaves	
Depth of 3	SUFI. H2O Frog H20	>14	Inches	Drift Lines	'KS	res	Local Soll S	urvey 1 Tost	
Depth to 9	Saturation	>14	Inches	Sediment T	Anasite		Other	u rest	
Depen to	Jutur ation		,	Drainage p	atterns	Yes	Criteria M	et:	Yes
			<u> </u>	<u>8-</u> F					
SOILS	Mapp	ed Series:	Wapato silt	ty clay loam	ı H	ydric Soil?	:	Yes	
i.	Class	sification:	Fluvaquent	ic Endoaqu	olls <b>Dra</b> i	inage Class:	рс	orly drain	ed
Depth	Matrix	Soil	Redo	x Concentr	ations	Other H	ydric Soil		
(Inches)	Color	Texture*	Color	abundance	e/size/contrast	Field I	ndicators	Com	iments
0-8	10YR 3/2	SCL	TEXT ALC		1° 1° /	l			
8-14	10 Y K 3/2	SCL	7.5 Y K 4/0	common, medium, distinct					
*SD=Sand,	SDL=Sandy Loar	n, L=Loam, Sl	DCL=Sandy Cl	ay Loam, S=Sil	t, SL=Silt Loam,	SCL=Silty Clay	Loam, CL=Clay	Loam, C=Clay	y
							Criteria M	et:	Yes
VEGE	TATION								
Tree	Stratum	(0%)	Status	% Cover	Herbaceou	s Stratum	(100%)	Status	% Cover
					Phalaris aru	ndinacea*		FACW	75
					Impatiens no	li-tangere*		FACW	20
					Galium apar	ine		FACU	5
									ine K
								-	
Shrub	Stratum	(0%)	Status	% Cover					
<u>. Onru</u>	Stratum	(0/0)	Status	70 00101				c (	
			1		Woody Vi	ne Stratum	(0%)	Status	% Cover
e									
*Doroon+	of dominant	enotice F	C FACW	or OBI .	1000/		Critoria M	A Republication of the second	Vac
Common	te.	species r	ic, fac W		100 /0				103
COMMEN	13.								
						7	Determinat	ion:	Wetland
									and a state of the state of the second



Project:		Molall	a LWI		Number:	2250	Sample Site	BC-2	2B-65	
Applican	t: C	ity of Mola	ılla	County:	Clack	kamas	Date:	5/	1/01	
Investiga	tors:	SE/PF		Township:	<b>5</b> S	Range:	<b>2</b> E	Section:	8	
Do Norma	al Circumstand	ces exist on	this site?	Yes	Is the area a p	otential Prob	lem Area?		No	
Is this an .	Atypical Situa	tion?	· · · · · · · · · · · · · · · · · · ·	No						
				P	rimary Indica	tors	Secor	idary Indic	ators	
HYDR	ROLOGY			Inundated			Ox. rhizospl	ospheres		
Denthal	G6 TT200		T 1	Sat. in Upp	er 12"		H20-stained	leaves		
Depth to	Suri. A2O Free H20	>14	Inches	Drift Lines	⁻ KS		Elocal Soli Si FAC Neutra	l Test		
Depth to	Saturation	>14	Inches	Sediment I	Deposits		Other	ii i est		
				Drainage p	atterns		Criteria M	et:	No	
							the state of the second s			
SOILS	Mapp	oed Series:	Sawtell silt	loam	Н	ydric Soil?	:	No		
	Clas	sification:	Ultic Argix	terolls	Drai	inage Class	moder	ately well o	Irained	
Depth	Matrix	Soil Toyture*	Redo	x Concentr	ations	Other H	lydric Soil	Com	monto	
0-14	10YR 2/1	SL		abundance	e/size/contrast	Fleiu I	nuicators			
• • •										
*SD=Sand,	SDL=Sandy Loa	m, L=Loam, S	DCL=Sandy Cl	ay Loam, S=Sil	t, SL=Silt Loam,	SCL=Silty Clay	Loam, CL=Clay	Loam, C=Cla	y Nor	
							SILLEHAMA			
VEGE	Street	(00/)	Status	0/ Course	TT		(1000/)	Status	0/ Corror	
<u>I ree</u>	Stratum	(0%)	Status	76 Cover	Festuca arur	is Stratum	(100%)	FAC-	76 COVER 80	
				r.	Taraxacum d	officinale		FACU	10	
			42		Ranunculus	repens		FACW	5	
					Rumex crisp	us		FAC+	2	
					Convolvulus	arvensis		UPL	2	
	<u> </u>	(00/)	<u> </u>	0/ C						
Shrub	Stratum	(0%)	Status	% Cover						
		*	•2		Woody Vi	ine Stratum	(0%)	Status	% Cover	
							( , , , , ,			
							×.			
					<u> </u>					
*Percent	of dominan	t snecies F	AC FACA	or ORI ·	በ0/		Criteria Me	af•	No	
Commen	ts:	· species r.	AU, FAU M		0 /0		Concertaente	Construction of the local sector	and the state of the second	
Commen	LUJA									
							Determinat	ion:	Upland	
								Contraction of the local distribution of the	and the second of the second sec	

# PHS

## Wetland Determination Data Form Routine Onsite Method

Project:		Molall	a LWI	¢.	Number:	2250	Sample Site	BC-2	2B-66
Applican	it: C	City of Mola	lla	County:	Clack	amas	Date:	5/:	1/01
Investiga	itors:	SE/PF		Township:	58	Range:	<b>2</b> E	Section:	8
Do Norm	al Circumstan	ices exist on	this site?	Yes	Is the area a p	otential Prob	lem Area?		No
Is this an	Atypical Situ	ation?		No	к у				
				. Pi	rimary Indica	tors	Seco	ndary Indic	ators
HYDE	ROLOGY			Inundated			Ox. rhizosp	heres	Yes
				Sat. in Upp	er 12"	Yes	H20-stained	leaves	
Depth of	Surf. H2O	4.0	Inches	Water Man	·ks		Local Soil S	urvey	
Depth to	Free H20	10	Inches	Drift Lines	• /		FAC Neutra	al Test	
Depth to	Saturation		Inches	Sediment L	Deposits		Other		
				Drainage p	atterns	Yes	Criteria M	et:	Yes
SOLLS	Mon	nad Sariası	Wanata aili		т	uduia Cail?.		Ver	
SUILS	Сla	ssification.	Fluvaquent	ic Endoaqu	alle <b>Dra</b> i	jurie Son. : inage Class.	n	I CS	he
Denth	Matrix	Soil Soil	Redo	x Concentr	ations	Other H	vdric Soil		<u></u>
(Inches)	Color	Texture*	Color	abundance	e/size/contrast	Field I	ndicators	Com	ments
0-14	5Y 3/1	SCL	5YR 4/6	many, coar	se, prominent	r.			
					:	l			
*SD=Sand,	SDL=Sandy Lo	am, L=Loam, S	DCL=Sandy Cl	ay Loam, S=Sil	t, SL=Silt Loam,	SCL=Silty Clay	Loam, CL=Clay	Loam, C=Clay	
			c 		1 1 1 M 40		Criteria Mi	et:	+Y es
VEGE	ETATION			2					
Tree	Stratum	(20%)	Status	% Cover	Herbaceou	is Stratum	(80%)	Status	% Cover
Fraxinus	latifolia*		FACW	100	Ranunculus	repens*		FACW	20
					Rumex crispi	us		FAC+	10
					Alopecurus g	geniculatus*		OBL	20
					Lotus cornici	ulatus		FAC	2
					1 rijolium rep	oens		FAC FACW	5 20
Church	Stratum	( 0% )	Statue	% Cover	Trifolium pr	n aichsis ·	87	FACI	5
Surul	) Su atulli	(070)	Giaius	70 00001	Plantago ma	ior		FACU+	5
	3			-	Woody Vi	ne Stratum	(0%)	Status	% Cover
					- Hoody H	ne strutum	(0/0)	Status	70 00101
	5								
*Percent	of dominan	t species F.	AC, FACW	, or OBL:	100%		Criteria Mo	et:	Yes
Commen	its:				5				
						я I	Protocology and a state of the state of the		
							Determinat	ion:	Wetland



Project:		Molall	a LWI		Number:	2250	Sample Site	BC-1	9B-65
Applican	t: C	ity of Mola	lla	County:	Clack	camas	Date:	5/	1/01
Investiga	tors:	SE/PF	······································	Township:	<u>5S</u>	Range:	<u>2E</u>	Section:	8
Do Norma	al Circumstan	ces exist on	this site?	Yes	Is the area a p	otential Probl	em Area?		No
Is this an <b>J</b>	Atypical Situa	ation?		No					
				P	imary Indica	tors	Secon	dary Indic	ators
HYDR	OLOGY			Inundated			Ox. rhizosph	ieres	
				Sat. in Upp	er 12"		H20-stained	leaves	
Depth of	Surf. H2O		Inches	Water Mar	'ks		Local Soil St	urvey	
Depth to	Free H20	>14	Inches	Drift Lines			FAC Neutra	l Test	
Depth to	Saturation	>14	Inches	Sediment L	Deposits		Other	and proving a constraints	
				Drainage p	atterns		Criteria Mo	et:	No
SOLLS	Man	ned Series.	Sautell cilt	loam	п	vdric Soil?•		No	
SOILS	Cla	ssification:	Ultic Arøix	erolls	Drai	inage Class:	moder	ntelv well d	Irained
Depth	Matrix	Soil	Redo	x Concentra	ations	Other H	vdric Soil	licity wente	
(Inches)	Color	Texture*	Color	abundance	e/size/contrast	Field I	ndicators	Com	ments
0-14	10YR 2/1	SL							2-1 <b>-</b>
				17 16		2			
*SD=Sand,	SDL=Sandy Loa	am, L=Loam, S	DCL=Sandy CI	ay Loam, S=Sil	t, SL=Silt Loam,	SCL=Silty Clay	Loam, CL=Clay	Loam, C=Clay	. Nos
					······	····	GHICHA MIC		-165
	TATION	(00())	64-4	0/ Comm	TT I	<u> </u>	(1000/)	Cladera	
<u> </u>	Stratum	(0%)	Status	% Cover	Fostung anu	is Stratum	(100%)	Status FAC	% Cover
					Taravacum	officinale		FAC-	00 10
					Ranunculus	renens		FACU	5
					Rumex crisp	us		FAC+	2
					Convolvulus	arvensis		UPL	2
							n		· · ·
Shrub	Stratum	(0%)	Status	% Cover					
		8							
					Woody Vi	ine Stratum	(0%)	Status	% Cover
		8							
<u> </u>	• · · · · · · · · · · · · · · · · · · ·			<u> </u>		<u></u>			L
*Percent	of dominan	t species F	AC, FACW	, or OBL:	0%		Criteria Me	et:	No
Commen	ts:								
						ж.	Determinat	ion:	Upland



Project:	••••••••••••••••••••••••••••••••••••••	Molall	a LWI		Number:	2250	Sample Site	BC-1	9B-66
Applican	t: C	ity of Mola	lla	County:	Clack	kamas	Date:	5/:	1/01
Investiga	tors:	SE/PF		Township:	58	Range:	2E	Section:	8
Do Norm	al Circumstan	ces exist on t	his site?	Yes	Is the area a p	otential Probl	em Area?		No
Is this an .	Atypical Situa	ition?		No					
				P	rimary Indica	tors	Secor	dary Indic	ators
HYDR	ROLOGY			Inundated			Ox. rhizospl	ieres	Yes
				Sat. in Upp	er 12"	Yes	H20-stained	leaves	
Depth of	Surf. H2O		Inches	Water Mar	·ks		Local Soil St	urvey	
Depth to	Free H20	10	Inches	Drift Lines			FAC Neutra	l Test	
Depth to	Saturation		Inches	Sediment D	Deposits		Other		
				Drainage p	atterns	Yes	Criteria Mo	at: THA Ethic	Yes .
SOLE	Man	and Soriast	Wanata all	a olov loom	, m	udvia Cail?.		Vee	
SULS	марр Сізе	sification.	Fluvaquent	ic Endoadu	olle Drai	inage Class:	nc	I CS	bd
Denth	Matrix	Soil	Redo	x Concentr	ations	Other H	vdric Soil		
(Inches)	Color	Texture*	Color	abundance/size/contrast Field Indicators			ndicators	Comments	
0-14	5Y 3/1	SCL	5YR 4/6	many, coars	se, prominent				
					÷				
а.							27		
		L			<u></u>				
*SD=Sand,	SDL=Sandy Loa	um, L=Loam, S	DCL=Sandy Cl	ay Loam, S=Sil	t, SL=Silt Loam,	SCL=Silty Clay	Loam, CL=Clay	Loam, C=Clay	<b>T</b>
<u> </u>							Criteria		Y es
VEGE	TATION			5 					
Tree	Stratum	(20%)	Status	% Cover	Herbaceou	is Stratum	(80%)	Status	% Cover
Fraxinus	latifolia*		FACW	100	Ranunculus	repens*		FACW	20
					Rumex crisp	us		FAC+	10
					Alopecurus g	geniculatus*		OBL	20
					Lotus cornic	ulatus		FAC	5
					Alongering	vens pratoncie*		FAU	20 20
Shruk	Stratum	(0%)	Status	% Cover	Trifolium pr	n uiensis – atonso		FACU	20 5
Smut		(0/0)	Jialus	70 00001	Plantaon ma	vior		FACU+	5
					Woody Vi	ine Stratum	(0%)	Status	% Cover
*Percent	of dominan	t species F.	AC, FACW	, or OBL:	100%		Criteria Mo	et:	Yes
Commen	its:								
					÷.				
	0						Determinat	ion:	Wetland



Droject:		Malall			Number	2250	Comple Cite	PC ·	21 67
Floject.		IVIOIAII		0		2250	Sample Site		21-07
Applican		ty of Mola		County:	Clack	<u>amas</u>	Date:	6/0	5/01
Investiga	tors:	<u>SE/PF</u>		Township:	58	Range:	<u>2E</u>	Section:	8
Do Norma	al Circumstanc	es exist on	this site?	Yes	Is the area a p	otential Prob	lem Area?		No
Is this an A	Atypical Situat	ion?		No					
				P	imary Indica	tors	Secon	idary Indic	ators
HYDR	OLOGY			Inundated			Ox. rhizospl	heres	Yes
				Sat. in Upp	er 12"		H20-stained	leaves	
Depth of s	Surf. H2O		Inches	Water Mar	ks		Local Soil S	urvey	
Depth to ]	Free H20	>12	Inches	Drift Lines			FAC Neutra	l Test	
Depth to a	Saturation	>12	Inches	Sediment D	eposits		Other		
				Drainage p	atterns	Yes	Criteria M	et:	Yes
	1000 Mile								
SOILS	Mapp	ed Series:	Dayton silt	loam	H	ydric Soil?		Yes	
	Class	sification:	Typic Alba	qualfs	Drai	inage Class	pc	orly draine	ed
Depth	Matrix	Soil	Redo	x Concentra	ations	Other H	ydric Soil	G	
(Inches)		Texture*	Color	abundance	e/size/contrast	Field	ndicators	Com	ments
0-4	10YR 2/2	SL	10VD 2/4	for fine f	int	.92			
4-12	101K 5/2	SCL	101K 5/4	iew, inie, ia	1111				
							а		
*SD=Sand.	SDL=Sandy Loar	n L=Loam S	DCL=Sandy Cl	av Loam S=Sil	t SL=Silt Loam S	I SCL=Silty Clay	Loam CL=Clay	Loam C=Clay	,
				- <u>y</u> ,	.,, -		Criteria	et:	Yes
VECE									
Troo	Stratum	(00/)	Status	% Cover	Horboson	s Stratum	(75%)	Status	% Cover
1100	Stratum	(070)	Status	70 COVEI	Typha latifol	ls Stratum_ lia*	(1370)	ORI	<u>20</u>
					Typna tanjoi Juncus tenuis	ии с*		FACW-	35
3				10	Carex stinate	з п		OBL	15
			[		Equisetum ai	* rvense	e.	FAC	5
					Lotus cornici	ulatus		FAC	10
					Carex obnup	ota		OBL	15
Shrub	Stratum	(25%)	Status	% Cover	T				
Populus t	richocarpa*		FAC	70					
Salix lasi	andra*		FACW+	20	Woody Vi	ine Stratum	t	Status	% Cover
Crataegu.	s monogyna		FACU+	10	· · · · · · · · · · · · · · · · · · ·				
						5	a1		e
		5			5			a	
*Percent	of dominant	species F	AC. FACW	or OBL:	100%		Criteria M	ef:	Yes
Commen	ts:	<u> </u>		,					
							Determinat	ion:	Wetland
							Determinat	ion:	Wetland



Destate	·····	N/ . I . II	- T XX/T		NT1	2250	G	PC	24 69
Project.					INUMBER:	2250	Sample Site		21-00
Applican	<u>t:</u> (	city of Mola	illa	County:	Clack	<u>amas</u>	Date:	6/	6/01
Investiga	tors:	SE/PF		Township:	<u>58</u>	Range:	<u>2E</u>	Section:	8
Do Norm	al Circumstar	nces exist on	this site?	No	Is the area a p	otential Prob	lem Area?		No
Is this an	Atypical Situ	ation?		Yes	1811 · · · · · · · · · · · · · · · · · ·				
				P	imary Indica	tors	Secon	ndary Indic	ators
HYDR	ROLOGY			Inundated			Ox. rhizosp	heres	
				Sat. in Upp	er 12"		H20-stained	leaves	
Depth of	Surf. H2O		Inches	Water Mar	ks		Local Soil S	urvey	ж. ²
Depth to	Free H20	>4	Inches	Drift Lines			FAC Neutra	ıl Test	
Depth to	Saturation	>4	Inches	Sediment <b>E</b>	eposits		Other		
				Drainage p	atterns		Criteria M	et:	er No e
COLLO	7.6	10							
SOILS	Map	ped Series:			H Duri	ydric Soll?:		#N/A	
Donth	Matmin	Soll	#IN/A	v Concentr	Dra	Other U	wanto Soil	$\frac{\pi}{1}$	
(Inches)	Color	SUII Texture*	Color			Field I	ndicators	Com	monte
0-4	N/A	wood debr	is/rocks	abunuance	d Size Contrast	Ficial I	nuicator s	refused at	4 inches
								by rocks	
*SD=Sand,	SDL=Sandy Lo	am, L=Loam, S	DCL=Sandy C	lay Loam, S=Sil	t, SL=Silt Loam,	SCL=Silty Clay	Loam, CL=Clay	Loam, C=Clay	1
		-					Criteria M	et:	No
VEGE	TATION					2.23			1.54
Tree	Stratum	(0%)	Status	% Cover	Herbaceou	is Stratum	(85%)	Status	% Cover
					Sonchus aspe	er	2 Cruster 2	FAC-	5
		*			Anthoxanthu	m odoratum	*	FACU	30
					Holcus lanat	tus*		FAC	40
					Vicia sativa			UPL	10
55					Cirsium vulg	gare		FACU	5
					Taraxacum c	officinale		FACU	10
Shrub	Stratum	(5%)	Status	% Cover					
Cytisus so	coparius*	11	UPL	100					
					Woody Vi	ine Stratum	(10%)	Status	% Cover
				и	Rubus discol	or*		FACU	100
4.75. 7	- V								
[•] Percent	of dominal	nt species F.	AC, FACV	v, or OBL:	25%		Criteria M	et:	INO
Commen	ts:	Old log de	еск area. Ve	ery disturbed					
								•	
	-				2000		Determinat	lon:	Uplana



Project:		Molall	a LWI		Number:	2250	Sample Site	BC-2	2E-69	
Applican	it: Ci	ity of Mola	lla	County:	Clack	amas	Date:	6/0	5/01	
Investiga	tors:	SE/PF		Township:	58	Range:	<b>2E</b>	Section:	17	
Do Norm:	al Circumstanc	es exist on	this site?	Yes	Is the area a p	otential Prob	lem Area?		No	
Is this an	Atypical Situat	tion?		No		_				
				P	rimary Indica	tors	Seco	ndary Indic	ators	
HYDR	ROLOGY			Inundated		ал. Т	Ox. rhizosp	ospheres		
1				Sat. in Upp	er 12"		H20-stained	ned leaves		
Depth of	Surf. H2O		Inches	Water Mar	·ks		Local Soil S	urvey		
Depth to	Free H20	>4	Inches	Drift Lines			FAC Neutra	l Test		
Depth to	Saturation	>4	Inches	Sediment L	Deposits		Other			
				Drainage p	atterns	5.	Criteria M	d. and the	in No	
SOILS	Mapp	ed Series:	Dayton silt	t loam	H	ydric Soil?:		Yes		
D (l	Clas	sification:	Typic Alba	aqualts	Drai	inage Class:	<u>p</u>	oorly draine	ed	
Depth	Matrix	Soll Toyture*	Color	ox Concentr	ations	Other H Field I	ydric Soll	Com	monto	
(Inches)	10VR 3/2	SDI	Color	abundance	e/size/contrast	Field I	nuicators	Refused be	low 4"	
0-4	101105/2	JUDE						moderate t	n large	
								rocks: grav	vel in top	
								4 inches	F	
*SD=Sand,	SDL=Sandy Loa	m, L=Loam, S	DCL=Sandy C	lay Loam, S=Sil	t, SL=Silt Loam, S	SCL=Silty Clay	Loam, CL=Clay	Loam, C=Clay		
					·		Criteria M	et:	No	
VEGE	TATION									
Tree	Stratum	(0%)	Status	% Cover	Herbaceou	s Stratum	(55%)	Status	% Cover	
				1	Vicia sativa*	k		UPL	20	
					Phalaris aru	ndinacea*		FACW	35	
					Cirsium arve	ense		FACU+	3	
				÷.	Holcus lanat	us		FAC	5	
			141		Festuca myu	ros*		UPL	20	
		5.			Galium apar	rine		FACU	2	
Shrub	o Stratum	(10%)	Status	% Cover	Daucus caro	ta		UPL	10	
Acer mac	rophyllum*		FACU	100						
					Woody Vi	ine Stratum	(35%)	Status	% Cover	
					Rubus discol	or*		FACU	70	
l I					Rubus lacini	atus*		FACU+	30	
1				1	1			1	1	
*Percent	of dominant	t species F	AC, FACV	V, or OBL:	17%		Criteria M	ét:	No	
*Percent Commen	of dominant	t species F	AC, FACV	V, or OBL:	17%		Criteria M	et:	No	
*Percent Commen	of dominant	t species F	AC, FACV	V, or OBL:	17%		Criteria M	et:	No	
*Percent Commen	of dominant its:	t species F	AC, FACV	V, or OBL:	17%		<b>Criteria</b> Mi	et: 🚽 🕂	No	


Deter		N.C. 3. 11	T XX/T			2250	Q 1 04	PC 1	DE 70	
Project:		Molali				Sample Site BC-22E-10		22-10		
Applican	t: (	City of Mola		County:	Clack	<u>kamas</u>	Date:	6/	6/01	
Investiga	tors:	SE/PF		Township:	<u> </u>	Range:	<u>2E</u>	Section:	. 17	
Do Norma	al Circumstar	nces exist on t	this site?	Yes	Is the area a p	ootential Prob	lem Area?		No	
Is this an .	Atypical Situ	ation?		No						
				P	rimary Indica	tors	Secon	Secondary Indicators		
HYDR	ROLOGY			Inundated			Ox. rhizospheres			
				Sat. in Upp	er 12"	Yes	H20-stained	leaves		
Depth of	Surf. H2O		Inches	Water Mar	·ks		Local Soil S	urvey		
Depth to	Free H20	1	Inches	<b>Drift Lines</b>			FAC Neutra	l Test		
Depth to	Saturation	0	Inches	Sediment I	Deposits		Other			
			a.	Drainage p	atterns	Yes	Criteria M	મંદ	Yes	
	40									
SOILS	Map	ped Series:	Dayton silt	loam	Н	ydric Soil?:	:	Yes		
		ssification:	Typic Alba	qualfs	Dra	inage Class:	рс	orly drain	ed	
Depth	Matrix	Soil	Redo	x Concentr	ations	Other H	ydric Soil			
(Inches)	Color	Texture*	Color	abundance	e/size/contrast	Field I	ndicators	Com	ments	
0-12	N/A	wood debr	is					refused at	12 inches	
					,					
27 1									2	
*SD-Sand	SDI -Sondy Lo	om I =Loom Si	DCI -Sandy Ci	av Loam S-Sil	t SI -Silt I com	CI -Silty Clay	Loom CL-Clay	Loom C-Clas	,	
SD-Salid,	SDL-Salidy LC			ay Luan, 5-51		SCL-Silly Clay	Criteria M	Luaili, C-Cla	Vos	
							CINCIA			
	TATION				·····		( ( 0 0 0 ( )			
Tree	Stratum	(0%)	Status	% Cover	Herbaceou	<u>is Stratum</u>	(100%)	Status	% Cover	
					Phalaris aru	indinacea*		FACW	40	
					Lotus cornic	ulatus*		FAC	20	
					Carex obnup	ota*	11. 11.	OBL	20	
					Eleocharis o	ovata*		ORL	20	
Charach	<u>.</u>	(00/)	Status	9/ Covor						
Suru	Stratum	(070)	Status	70 COVEI .						
		9			Woody V	ine Stratum	(0%)	Status	% Cover	
				*	woody v	<u>me Strutum</u>		Status	/0 00101	
			2					5		
	the second second			L	L					
*Percent	of domina	nt species F.	AC, FACW	, or OBL:	100%		Criteria M	et:	Yes	
Commen	its:	drainage s	wale in lum	ber yard						
		4955								
							Determinat	ion:	Wetland	



Project.		Molall	o I W/I		Number	2250	Sample Site	BC-2	2E-71
Annling				Country Clockerson					
Applican				County:		<u>kamas</u>	Date:	<u> </u>	5/01
Investiga	tors:	<u>SE/PF</u>	· · · · · · · · · · · · · · · · · · ·	l ownship:	58	Range:	<u>2E</u>	Section:	
Do Norma	al Circumstance	es exist on	this site?	Yes	Is the area a p	otential Prob	lem Area?		No
Is this an A	Atypical Situa	tion?		No	<u> </u>				
				P	imary Indica	Secon	Secondary Indicators		
HYDR	OLOGY			Inundated			Ox. rhizospl	heres	
				Sat. in Upp	er 12"	Yes	H20-stained	leaves	
Depth of S	Surf. H2O		Inches	Water Mar	ks		Local Soil S	urvey	
Depth to Free H20 10 Inches		Drift Lines		FAC Neutra	l Test				
Depth to S	Saturation	4	Inches	Sediment D	eposits		Other		
				Drainage patterns		Yes	Criteria M	et:	Yes
SOILS	Mapp	ed Series:	Dayton silt	loam	Н	ydric Soil?:		Yes	
	Clas	sification:	Typic Alba	qualfs	Dra	inage Class:	pcpc	orly draine	ed
Depth	Matrix	Soil	Redo	x Concentr	ations	Other H	ydric Soil		
(Inches)	Color	Texture*	Color	abundance	e/size/contrast	Field I	ndicators	Com	ments
0-4	10YR 3/2	SL	10370 5/6					-1	
4-10	10G 2.5/1		10YK 5/6	common, c	barse, promine	ent I		giey	
z.									
*SD-Sand	SDI =Sandy I oa	m I = Loam S	DCI =Sandy Cl	av Loam S=Sil	t SI -Silt I oam	SCI =Silty Clay	Loam CL=Clay	Loam C=Clay	
SD-Saild,	SDE-Sandy Loa	III, L-L0aIII, 3			t, SE–Sit Ebain,	SCL-Silly Clay	Criteria M		Ves
							Citatia		
VEGE	TATION	( 00 / )	<u> </u>				(0=0/)		
Tree	Stratum	(0%)	Status	% Cover	Herbaceou	<u>is Stratum</u>	(95%)	Status	% Cover
12					Equisetum a	rvense*		FAU	30 10
					Carex stipat	a 		UDL	10
					Phalaris aru	inainacea		FACW	20
					Fostuna aru	ndinacca		FAC	10
					Muosotis dis	color	ji n	FAC ⁻	10
Shrub	Stratum	(5%)	Statue	% Cover	Aorostis ton	vis		FAC	10
Frazinus	latifolia*	(570)	FACW	100	igi osus iem	410	2	ine	10
1 / 0.1.110	iangona		111011	100	Woody V	ine Stratum	(0%)	Status	% Cover
				n			(0,0)		
			3	<b>.</b>	12 12				
*Percent	of dominant	t species F	AC, FACW	, or OBL:	100%		Criteria M	et:	Yes
Commen	ts:			3	· · · · · · · · · · · · · · · · · · ·				
		ų.				14	Determinat	ion:	Wetland



Project:		Molall	a LWI	12	Number:	2250	Sample Site	BC-2	3A-72	
Applican	it: C	ity of Mola	illa	County:	Clack	amas	Date:	5/	1/01	
Investiga	itors:	SE/PF		Township:	<b>5</b> S	Range:	2E	Section:	16	
Do Norm	al Circumstand	es exist on	this site?	Yes	Is the area a p	otential Prob	lem Area?		No	
Is this an	Atypical Situa	tion?		No				95		
				P	rimary Indica	Secor	idary Indic	ators		
HYDF	ROLOGY			Inundated			Ox. rhizospheres			
÷				Sat. in Upper 12"		Yes	H20-stained	leaves		
Depth of	Surf. H2O		Inches	Water Mar	·ks		Local Soil S	urvey		
Depth to	Free H20	6	Inches	Drift Lines			FAC Neutra	l Test		
Depth to	Saturation	4	Inches	Sediment Deposits			Other		a set and the set of a set of a set of a	
				Drainage patterns			Criteria M	et:	Yes	
SOLIS	Monn	ad Sarias	Douton ailt	loom	ŤT	wania Saila		Var		
SUILS	Clas	sification:	Typic Alba	qualfe	п Drai	inage Class	n n n	r es	be	
Depth	Matrix	Soil	Redo	x Concentr	ations	Other H	ydric Soil		<u></u>	
(Inches)	Color	Texture*	Color	abundance	e/size/contrast	Field I	ndicators	Com	ments	
0-14	10YR 3/1	SCL	10YR 4/6	few, mediu	m, distinct					
							e.			
*CD_Cond	SDI -Sandu I an				t CI _Cilt I com		Learn CL-Class			
SD-Salid,	SDL-Sandy Loa	m, L=Loam, S	DCL=Salidy Cl	ay Loan, 5–51	t, SL=Siit Loam,	SCL=Silly Clay	Criteria Me	t:	Yes	
VECH	TATION		·····							
Tree	Stratum	(20%)	Status	% Cover	Herbaceou	s Stratum	(30%)	Status	% Cover	
Fraxinus	latifolia*	()	FACW	100	Impatiens no	li-tangere*	()	FACW	20	
	5				Phalaris aru	ndinacea*	ă.	FACW	80	
20				1		v				
									÷	
				80 -					а 25	
Shrut	Stratum	(35%)	Status	% Cover						
Fraxinus Spinaga	latijolla* lovalacii*		FACW	40	Woody Vi	in a Stratum	(159/)	Status	9/ Covor	
Rosa piso	ougiusii ·		FACW	35 25	Pubus discol	or*	(1570)	FACI	100	
Rosu pise	nurpu		PAC	23	Kubus uiscoi	01		FACU	100	
					- <u></u>					
*Percent	of dominant	t species F.	AC, FACW	, or OBL:	86%		Criteria Me	et:	Yes	
Commen	its:					21 2 3			3	
							Determinat	ion:	Wetland	



Drojacti		Malau		Number: 2250			Sample Site BC-23A-73			
Angling	t. 0	IVIOIAII		Count	rivumber:	2430	Det-	<u> </u>	JA-13	
Applican	<u>t: C</u>	ity of Mola		County:	Clack	<u>kamas</u>	Date:	5/2	4/01	
Investiga	tors:	SE/FS		l l ownship:	58	Kange:	<u>2E</u>	Section:	16	
Do Norma	al Circumstance	ces exist on	this site?	Yes	Is the area a p	otential Probl	lem Area?		No	
Is this an <b>A</b>	Atypical Situa	tion?		No		<u> </u>				
				P	imary Indica	tors	Secon	idary Indic	ators	
HYDR	OLOGY			Inundated Ox. rhizos			Ox. rhizosp	oheres		
			• •	Sat. in Upp	er 12"		H20-stained	i leaves		
Depth of	Surf. H2O		Inches	Water Mar	·ks	urvey				
Depth to	Free H20	>13	Inches	Drift Lines			FAC Neutra	al Test		
Depth to	Saturation	>13	Inches	Sediment <b>D</b>	eposits		Other			
		<u></u>		Drainage p	atterns	·····	Criteria M	et: 📊 👘	No	
								apprend		
SOILS	Mapp	bed Series:	Dayton silt	loam	H	ydric Soil?:		Yes	£	
	Clas	sification:	Typic Alba	qualfs	Drai	inage Class:	pc	orly draine	ed	
Depth	Matrix	Soil	Redo	x Concentr	ations	Other H	ydric Soil			
(Inches)		Texture*	Color	abundance	e/size/contrast	Field In	ndicators	Com	ments	
0-13	10 Y K 3/2	SL						with cobbi	e, common	
							* a • ,	Delow 8 III	ciles	
а. 										
*SD=Sand.	SDL=Sandy Loa	m. L=Loam. S	L DCL=Sandy Cl	av Loam, S=Sil	t. SL=Silt Loam.	SCL=Silty Clay	Loam. CL=Clav	Loam. C=Clay	7	
,				<u> </u>	·, · _ · · · · · · · · · · · · · · · · ·	<u> </u>	Criteria M	ef:	No No	
VECE										
VEGE	Stratum	(00/)	Status	9/ Cover	Harbassar		(60%)	Status	% Cover	
Tree	Stratum	(0%)	Status	70 Cover	Fostung amu	is Stratum	(00%)	FAC	70 COVET	
					Festuca rubr	a*		FAC+	25	
					Festuca rubra *			IPL	20	
					Galium anar	ine		FACU	5	
			34 	-	Gunum upur	inc		mee		
							а.			
Shrub	Stratum	(0%)	Status	% Cover				c		
					1 .					
					Woody Vi	ine Stratum	(40%)	Status	% Cover	
			а. _и		Solanum dul	camara		FAC+	10	
					Rubus discol	or*		FACU	90	
					2					
*Percent	of dominan	t species F	AC, FACW	, or OBL:	25%		Criteria M	et:	No	
Commen	ts:						ж 2			
					•		Determinat	ion:	Upland	



Project:		Molall	a LWI	·	Number:	2250	Sample Site	BC-2	3A-74
Applican	t: <b>C</b>	ity of Mola	illa	County:	Clack	kamas Date:		5/24/01	
Investiga	tors:	SE/FS	2	Township:	58	Range:	<b>2E</b>	Section:	16
Do Norma	al Circumstand	ces exist on	this site?	Yes	Is the area a p	otential Prob	lem Area?		No
Is this an .	Atypical Situa	tion?		No					
				P	rimary Indica	tors	Secor	idary Indic	ators
HYDR	OLOGY			Inundated			Ox. rhizospheres		
				Sat. in Upp	er 12"	Yes	H20-stained	leaves	Yes
Depth of	Surf. H2O	(	Inches	Water Man	'ks		Local Soil S	urvey	
Depth to	Free H2U Saturation	0	Inches	Drift Lines	lanasita		FAC Neutra	l l'est	
Depth to	Saturation	U	Inches	Sediment Deposits		Ver	Other		
				Drainage p		res	Criteria Mi		Y es
SOILS	Марр	ed Series:	Davton silt	loam	н	vdric Soil?:		Yes	
	Clas	sification:	Typic Alba	qualfs	Drai	inage Class:	pc	orly draine	ed
Depth	Matrix	Soil	Redo	x Concentr	ations	Other H	ydric Soil		
(Inches)	Color	Texture*	Color	abundance	e/size/contrast	Field I	ndicators	Com	ments
0-8	10YR 3/1	SL	10YR 4/4	few, fine, d	istinct				
8-14	10YR 3/1	SCL	10YR 4/4	common, n	nedium, distino	ct	2	а 	
			2						
*SD=Sand	SDI =Sandy I oa	m I=Loom S	DCI =Sandy Cl	av Loam S=Sil	t SI =Silt I oam	SCI =Silty Clay	Loom CI =Clav	Loam C=Clas	
SD Sand,	SDL Gality Loa	III, L-Loani, 5.				SCL-Silly Clay	Criteria Mo		Ves
VECE			U T						
Tree	Stratum	(80%)	Status	% Cover	Herbaceou	s Stratum	(20%)	Status	% Cover
Fraxinus	latifolia*	(0070)	FACW	100	Phalaris aru	ndinacea*	(2070)	FACW	50
		18 °			Poa trivialis	*		FACW	20
					Epilobium w	atsonii*		FACW-	20
a.		51			Geum macro	phyllum		FACW-	5
							2		
Shrub	Stratum	(0%)	Status	% Cover					
- 7 - 7							(00/)		
		•2		e e	Woody Vi	ne Stratum	(0%)	Status	% Cover
iù									
				L					
*Percent	of dominan	t species F.	AC, FACW	, or OBL:	100%		Criteria Mo	et:	Yes
Commen	ts:								
							Determinat	ion:	Wetland



Project.		Molall	9 I W/I		Number	2250	Sample Site	BC-2	AB-75
Applican	t. C	ity of Mole		County:	Clash		Date: 5/24/01		4/01
Investige	tors:			Townshin:	59	Ramas	Date.	Section:	16
nivestiga	1015.	SE/FS	1 O	Township.		Kange.		Section.	10
Do Norma		ces exist on	this site?	Y es	Is the area a p	ootential Prob	lem Area?		NO
ls this an	Atypical Situa	ition?		INO					
				Primary Indicators			Secor	idary Indic	ators
HYDR	ROLOGY			Inundated		N/	Ox. rhizospheres		
D446	S 6 1120	4	Total	Sat. in Upp	er 12"	Y es	H2U-stained	leaves	
Depth of Suri. H2O Inches			Inches	Drift Lines	KS		Local Soll S	urvey	
Depth to	Saturation	2	Inches	Drift Lines FAC			other	li Test	
Depth to	Saturation	0	Inches	Ducing and a	eposits	Var			
<u> </u>				Drainage p	atterns	<u>Y es</u>	Criteria M	9 <b>1:</b>	Y es
2 1102	Manı	ned Series.	Dayton silt	loam	Ц	vdrie Soil?		Vec	
SOILS	Clas	sification:	Typic Alba	qualfs	n Drai	inage Class	n	i cs orly drain	ed
Depth	Matrix	Soil	Redo	x Concentr	ations	Other H	vdric Soil		<u>, , , , , , , , , , , , , , , , , , , </u>
(Inches)	Color	Texture*	Color	abundanc	e/size/contrast	Field I	ndicators	Com	ments
0-6	10YR 2/1	SL	10YR 3/3	few, fine, fa	aint		8 more	gravelly	
6-14	10YR 2/1	SL	10YR 3/3	few, fine, fa	aint			gravelly	ĸ
		*							
			177 / 174 POINT						
*SD=Sand,	SDL=Sandy Loa	im, L=Loam, S	DCL=Sandy Cl	ay Loam, S=Sil	t, SL=Silt Loam,	SCL=Silty Clay	Loam, CL=Clay	Loam, C=Clay	/
<u></u>							Criteria M	et:	Yes
VEGE	TATION								
Tree	Stratum	(0%)	Status	% Cover	Herbaceou	is Stratum	(95%)	Status	% Cover
					Carex stipate	a*	10000000000	OBL	20
				- 1	Juncus effusi	us*	8	FACW	20
					Eleocharis p	alustris*	,	OBL	20
		:			Veronica am	ericana		OBL	10
			13		Veronica scu	ıtellata		OBL	5
01. 1	<u></u>	( = 0 / )	Ct at a start	0/ 0	Carex feta	1		FACW	5
Eravinu	latifolia*	(3%)	Status EACW	% Cover	Cancer n -11:	color		FACW	2 10
rraxinus	lanjona		FACW	100	Woody Vi	ino Stratum	(0%)	Status	% Cover
					Woody VI	ine Stratum	(070)	Status	70 COVCI
					- -		20		
				1 1.1111					
*Percent	of dominan	t species F.	AC, FACW	, or OBL:	100%		Criteria Mo	et:	Yes
Commen	its:	×							
							Contraction descentioner of the state of the		
							Determinat	ion:	Wetland



Project:		Molall	a LWI		Number:	2250	Sample Site	BC-2	4A-76
Applican	t: C	ity of Mola	alla	County:	Clack	amas	Date: 5/24/01		.4/01
Investiga	tors:	SE/FS		Township:	<b>5</b> S	Range:	2E	Section:	16
Do Norma	al Circumstand	ces exist on	this site?	Yes	Is the area a p	otential Prob	lem Area?		No
Is this an .	Atypical Situa	tion?		No					
				P	rimary Indica	Seco	ndary Indicators		
HYDR	OLOGY			Inundated			Ox. rhizosp	Yes	
			а И	Sat. in Upp	er 12"	Yes	H20-stained	leaves	
Depth of Surf. H2O Inches			Inches	Water Mar	rks		Local Soil S	urvey	
Depth to	Free H20	>13	Inches	Drift Lines			FAC Neutra	l Test	
Depth to	Saturation	>5	Inches	Sediment I	Deposits		Other		
<u> </u>				Drainage p	atterns	Yes	Criteria M	et:	Yes 2
SOLIS	Mann	od Contorn	Denten silt	1				37	
SOILS	Mapp	sification:	Dayton sill	loam	H Droi	yaric Soll? inaga Class		Yes	- d
Denth	Matrix	Soil	Redo	v Concentr	Dial	Other H	vdric Soil	orly draine	
(Inches)	Color	Texture*	Color	abundance	e/size/contrast	Field I	ndicators	Com	ments
0-7	10YR 3/2	SL							
7-9	10YR 3/1	SL					3		
9-13	10YR 3/1	SL	7.5YR 4/6	many, med	ium, distinct				
*SD=Sand,	SDL=Sandy Loa	m, L=Loam, S	DCL=Sandy Cla	ay Loam, S=Sil	t, SL=Silt Loam,	SCL=Silty Clay	Loam, CL=Clay	Loam, C=Clay	/
							Criteria M	et:	Yes
VEGE	TATION								
Tree	Stratum	(35%)	Status	% Cover	Herbaceou	is Stratum	(25%)	Status	% Cover
Fraxinus	latifolia*		FACW	40	Phalaris aru	ndinacea*		FACW	60
Salix sitcl	hensis*		FACW	20	Carex stipate	2		OBL	10
Populus t	remula		FAC+	10	Vicia americ	ana		FAC	5
Salix scoi	uleriana*		FAC	30	Festuca arun	ndinacea		FAC-	5
					Festuca rubr	a*		FAC+	20
Shrub	Stratum	(35%)	Status	% Cover		2			
Salix scoi	ileriana*		FAC	25	XX/a a day X/	C4	(59/)	04+4+++	0/ Corror
Salix silch	lensis* Letifolie#		FACW	25 45	Woody vi	ine Stratum	(5%)	Status	% Cover
Crataoou	anjona" s monomina		FACW	45	Rubus alscol	or		FACU	100
Craiqega	s monogynu		FACUT	5					
	- <u>.</u>								
*Percent	of dominan	t species F	AC, FACW	, or OBL:	89%	<u> </u>	Criteria M	et:	Yes
Commen	ts:								
							Determinat	ion:	Wetland



Project:		Molall	a LWI		Number:	2250	Sample Site	BC-2	4A-77	
Applican	t: C	ity of Mola	alla	County:	Clack	kamas	Date: 5/24/01		4/01	
Investiga	itors:	SE/FS		Township:	<b>5</b> S	Range:	2E	Section:	16	
Do Norm	al Circumstand	ces exist on	this site?	Yes	Is the area a p	otential Prob	lem Area?		No	
Is this an	Atypical Situa	tion?		No						
				P	rimary Indica	tors	Secor	Secondary Indicators		
HYDR	ROLOGY			Inundated			Ox. rhizospheres			
	•7			Sat. in Upp	er 12"		H20-stained	leaves		
Depth of Surf. H2O Inches			Water Mar	·ks		Local Soil S	Local Soil Survey			
Depth to	Free H20	>14	Inches	Drift Lines	3		FAC Neutra	l Test	2	
Depth to	Saturation	>14	Inches	Sediment I	Deposits		Other			
				Drainage p	atterns	<del></del>	Criteria M	et:	Ňo	
SOLIS	Mann	od Contor	D	1	2 	(		37		
SOILS	Clas	sification:	Turnio Albo	10am	H Droi	inage Class		Y es		
Denth	Matrix	Soil	Typic Alba	v Concentr	ations	Other H	<u> </u>	orly draine	20	
(Inches)	Color	Texture*	Color	ahundanc	e/size/contrast	Field I	ndicators	Com	ments	
0-14	10YR 2/2	SL								
*SD=Sand,	SDL=Sandy Loa	m, L≕Loam, S	DCL=Sandy Cl	ay Loam, S=Sil	t, SL=Silt Loam,	SCL=Silty Clay	Loam, CL=Clay	Loam, C=Clay	/	
		<u></u>			·		Criteria M	et:	No	
VEGE	ETATION								*	
Tree	Stratum	(0%)	Status	% Cover	Herbaceou	is Stratum	(20%)	Status	% Cover	
					Festuca arur	ndinacea*		FAC-	20	
		1			Anthoxanthu	m odoratum	*	FACU	50	
					Daucus caro	ota		UPL	10	
		2)			Chrysanthen	num leucanti	hemum	UPL	10	
					Festuca rubr	ra	•	FAC+	10	
	<u></u>	( 400/ N	<u> </u>							
Shrub	o Stratum	(40%)	<b>Status</b>	% Cover			-			
r raxinus	iuiijoila*		FAUW HDI	20	Woody V	ing Stratur	( 100/ )	Status	% Covor	
Amplanch	hier alvifolia		FACU	5	Pubus discol	lor*		FACU	100	
Rosa polo	nter annjona interia	2	FACU	5	Rubus discol	.07		FACU	100	
			L	L	L					
*Percent	of dominan	t species F	AC, FACW	, or OBL:	20%		Criteria Me	et:	No	
Commen	its:									
					· · · · · · · · · · · · · · · · · · ·		Determinat	ion:	Upland	