

Appendix B

Wetland Determination Data Forms





Wetland Determination Data Form

Routine Onsite Method

Pacific Habitat Services, Inc.

Project: Molalla LWI		Number: 2250		Sample Site: MR-1-1			
Applicant: City of Molalla		County: Clackamas		Date: 4/25/01			
Investigators: SE/FS		Township: 5S		Range: 2E Section: 9			
Do Normal Circumstances exist on this site?		Yes		Is the area a potential Problem Area?			
Is this an Atypical Situation?		No		No			
HYDROLOGY			Primary Indicators		Secondary Indicators		
			Inundated		Ox. rhizospheres Yes		
			Sat. in Upper 12"		Yes		
Depth of Surf. H2O Inches			Water Marks		Local Soil Survey		
Depth to Free H2O 5 Inches			Drift Lines		FAC Neutral Test		
Depth to Saturation 0 Inches			Sediment Deposits		Other _____		
			Drainage patterns		Criteria Met: Yes		
SOILS		Mapped Series: Sawtell silt loam		Hydric Soil?: No			
		Classification: Ultic Argixerolls		Drainage Class: moderately well drained			
Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations		Other Hydric Soil Field Indicators	Comments	
			Color	abundance/size/contrast			
0-10	10YR 2/1.5	SL	7.5YR 3/4	few, fine, distinct			
10-14	10YR 4/2	SL	10YR 4/4	common, medium, distinct			
*SD=Sand, SDL=Sandy Loam, L=Loam, SDCL=Sandy Clay Loam, S=Silt, SL=Silt Loam, SCL=Silty Clay Loam, CL=Clay Loam, C=Clay							
						Criteria Met: Yes	
VEGETATION							
Tree Stratum (0%)		Status	% Cover	Herbaceous Stratum (85%)		Status	% Cover
				<i>Festuca arundinacea</i> *		FAC-	20
				<i>Agrostis tenuis</i> *		FAC	30
				<i>Juncus tenuis</i> *		FACW-	30
				<i>Festuca rubra</i>		FAC+	10
				<i>Plantago lanceolata</i>		FAC	3
				<i>Holcus lanatus</i>		FAC	5
Shrub Stratum (15%)		Status	% Cover	<i>Galium aparine</i>		FACU	2
<i>Fraxinus latifolia</i> *		FACW	60				
<i>Rosa pisocarpa</i> *		FAC	40	Woody Vine Stratum (0%)		Status	% Cover
*Percent of dominant species FAC, FACW, or OBL: 80%				Criteria Met: Yes			
Comments:							
						Determination: Wetland	



Wetland Determination Data Form

Routine Onsite Method

Pacific Habitat Services, Inc.

Project: Molalla LWI		Number: 2250		Sample Site: MR-1-2			
Applicant: City of Molalla		County: Clackamas		Date: 4/25/01			
Investigators: SE/FS		Township: 5S		Range: 2E Section: 9			
Do Normal Circumstances exist on this site? Yes		Is the area a potential Problem Area? No					
Is this an Atypical Situation? No							
HYDROLOGY		Primary Indicators		Secondary Indicators			
		Inundated		Ox. rhizospheres			
		Sat. in Upper 12"		H2O-stained leaves			
Depth of Surf. H2O Inches		Water Marks		Local Soil Survey			
Depth to Free H2O >12 Inches		Drift Lines		FAC Neutral Test			
Depth to Saturation >12 Inches		Sediment Deposits		Other _____			
		Drainage patterns		Criteria Met: No			
SOILS		Mapped Series: Sawtell silt loam		Hydric Soil?: No			
		Classification: Ultic Argixerolls		Drainage Class: moderately well drained			
Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations		Other Hydric Soil Field Indicators	Comments	
			Color	abundance/size/contrast			
0-12	10YR 3/2	SL					
*SD=Sand, SDL=Sandy Loam, L=Loam, SDCL=Sandy Clay Loam, S=Silt, SL=Silt Loam, SCL=Silty Clay Loam, CL=Clay Loam, C=Clay							
						Criteria Met: No	
VEGETATION							
Tree Stratum (0%)		Status	% Cover	Herbaceous Stratum (25%)		Status	% Cover
				<i>Festuca arundinacea</i> *		FAC-	50
				<i>Agrostis tenuis</i> *		FAC	50
Shrub Stratum (35%)		Status	% Cover	Woody Vine Stratum (40%)		Status	% Cover
<i>Crataegus monogyna</i> *		FACU+	25	<i>Rubus ursinus</i> *		FACU	75
<i>Cytisus scoparius</i> *		UPL	30	<i>Rubus discolor</i> *		FACU	25
<i>Rhamnus purshiana</i> *		FAC-	45				
*Percent of dominant species FAC, FACW, or OBL: 14%						Criteria Met: No	
Comments:							
						Determination: Upland	



Wetland Determination Data Form

Routine Onsite Method

Pacific Habitat Services, Inc.

Project: Molalla LWI		Number: 2250		Sample Site: MR-3-3	
Applicant: City of Molalla		County: Clackamas		Date: 4/25/01	
Investigators: SE/FS		Township: 5S		Range: 2E Section: 9	
Do Normal Circumstances exist on this site? Yes		Is the area a potential Problem Area? No			
Is this an Atypical Situation? No					
HYDROLOGY		Primary Indicators		Secondary Indicators	
		Inundated		Ox. rhizospheres Yes	
		Sat. in Upper 12" Yes		H2O-stained leaves	
Depth of Surf. H2O Inches		Water Marks		Local Soil Survey	
Depth to Free H2O >14 Inches		Drift Lines		FAC Neutral Test	
Depth to Saturation 5 Inches		Sediment Deposits		Other _____	
		Drainage patterns		Criteria Met: Yes	
SOILS		Mapped Series: Sawtell silt loam		Hydric Soil?: No	
		Classification: Ultic Argixerolls		Drainage Class: moderately well drained	
Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations		Other Hydric Soil Field Indicators
			Color	abundance/size/contrast	Comments
0-7	10YR 2/1	SL	5YR 4/6	few, fine, distinct	gravelly
7-14	10YR 2/1	SL			gravelly
*SD=Sand, SDL=Sandy Loam, L=Loam, SDCL=Sandy Clay Loam, S=Silt, SL=Silt Loam, SCL=Silty Clay Loam, CL=Clay Loam, C=Clay					
					Criteria Met: Yes
VEGETATION					
Tree Stratum (0%)		Status	% Cover	Herbaceous Stratum (100%)	
				<i>Festuca arundinacea</i> * <i>Alopecurus pratensis</i> * <i>Holcus lanatus</i> * <i>Poa pratensis</i> * <i>Festuca rubra</i>	
				FAC- 20 FACW 30 FAC 20 FAC 20 FAC+ 10	
Shrub Stratum (0%)		Status	% Cover		
				Woody Vine Stratum (0%)	
*Percent of dominant species FAC, FACW, or OBL: 75%				Criteria Met: Yes	
Comments:					
					Determination: Wetland



Wetland Determination Data Form

Routine Onsite Method

Pacific Habitat Services, Inc.

Project: Molalla LWI		Number: 2250		Sample Site: MR-3-4	
Applicant: City of Molalla		County: Clackamas		Date: 4/25/01	
Investigators: SE/FS		Township: 5S		Range: 2E Section: 9	
Do Normal Circumstances exist on this site?		Yes		Is the area a potential Problem Area?	
Is this an Atypical Situation?		No		No	
HYDROLOGY			Primary Indicators		Secondary Indicators
			Inundated		Ox. rhizospheres
			Sat. in Upper 12"		H2O-stained leaves
Depth of Surf. H2O Inches			Water Marks		Local Soil Survey
Depth to Free H2O >12 Inches			Drift Lines		FAC Neutral Test
Depth to Saturation >12 Inches			Sediment Deposits		Other _____
			Drainage patterns		Criteria Met: No
SOILS		Mapped Series: Sawtell silt loam		Hydric Soil?: No	
		Classification: Ultic Argixerolls		Drainage Class: moderately well drained	
Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations		Other Hydric Soil Field Indicators
			Color	abundance/size/contrast	Comments
0-12	10YR 2/2	SL			with small cobble
*SD=Sand, SDL=Sandy Loam, L=Loam, SDCL=Sandy Clay Loam, S=Silt, SL=Silt Loam, SCL=Silty Clay Loam, CL=Clay Loam, C=Clay					
					Criteria Met: No
VEGETATION					
Tree Stratum (0%)		Status	% Cover	Herbaceous Stratum (100%)	
				<i>Daucus carota</i>	
				<i>Taraxacum officinale</i>	
				<i>Vicia sativa*</i>	
				<i>Alopecurus pratensis*</i>	
				<i>Geranium robertianum</i>	
				<i>Dactylis glomerata*</i>	
Shrub Stratum (0%)		Status	% Cover	<i>Festuca arundinacea</i>	
				Woody Vine Stratum (0%)	
*Percent of dominant species FAC, FACW, or OBL:				33%	
					Criteria Met: No
Comments:					
					Determination: Upland



Wetland Determination Data Form

Routine Onsite Method

Pacific Habitat Services, Inc.

Project: Molalla LWI		Number: 2250		Sample Site: CC-3-5			
Applicant: City of Molalla		County: Clackamas		Date: 4/20/01			
Investigators: PF/CR		Township: 5S		Range: 2E Section: 8			
Do Normal Circumstances exist on this site?		Yes		Is the area a potential Problem Area?			
Is this an Atypical Situation?		No		No			
HYDROLOGY			Primary Indicators		Secondary Indicators		
Depth of Surf. H2O Inches			Inundated		Ox. rhizospheres		
Depth to Free H2O >14 Inches			Sat. in Upper 12"		H20-stained leaves		
Depth to Saturation >14 Inches			Water Marks		Local Soil Survey		
			Drift Lines		FAC Neutral Test		
			Sediment Deposits		Other _____		
			Drainage patterns		Criteria Met: No		
SOILS		Mapped Series: Dayton silt loam		Hydric Soil?: Yes			
		Classification: Typic Albaqualfs		Drainage Class: poorly drained			
Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations		Other Hydric Soil Field Indicators	Comments	
			Color	abundance/size/contrast			
0-4	10YR 3/2	SCL					
4-14	10YR 3/2	SCL	7.5YR 4/6	few, medium, distinct			
*SD=Sand, SDL=Sandy Loam, L=Loam, SDCL=Sandy Clay Loam, S=Silt, SL=Silt Loam, SCL=Silty Clay Loam, CL=Clay Loam, C=Clay							
						Criteria Met: Yes	
VEGETATION							
Tree Stratum (20%)		Status	% Cover	Herbaceous Stratum (80%)		Status	% Cover
<i>Pinus sylvestris</i> *		NOL	90	<i>Epilobium watsonii</i> *		FACW-	60
<i>Populus trichocarpa</i>		FAC	10	<i>Chrysanthemum leucanthemum</i>		UPL	10
				<i>Geranium robertianum</i>		UPL	5
				<i>Cardamine oligosperma</i>		FAC	5
				<i>Crepis setosa</i>		UPL	5
				<i>Taraxacum officinale</i>		FACU	5
Shrub Stratum (0%)		Status	% Cover	<i>Panicum capillare</i>		FACU+	5
				Woody Vine Stratum		Status	% Cover
*Percent of dominant species FAC, FACW, or OBL: 100%						Criteria Met: Yes	
Comments:							
						Determination: Upland	



Wetland Determination Data Form

Routine Onsite Method

Pacific Habitat Services, Inc.

Project: Molalla LWI		Number: 2250		Sample Site: CC-3-6			
Applicant: City of Molalla		County: Clackamas		Date: 4/20/01			
Investigators: PF/CR		Township: 5S		Range: 2E Section: 8			
Do Normal Circumstances exist on this site? Yes		Is the area a potential Problem Area? No					
Is this an Atypical Situation? No							
HYDROLOGY		Primary Indicators		Secondary Indicators			
		Inundated Yes		Ox. rhizospheres Yes			
		Sat. in Upper 12" Yes		H2O-stained leaves			
Depth of Surf. H2O 3 Inches		Water Marks		Local Soil Survey			
Depth to Free H2O Inches		Drift Lines		FAC Neutral Test			
Depth to Saturation 0 Inches		Sediment Deposits		Other 			
		Drainage patterns Yes		Criteria Met: Yes			
SOILS		Mapped Series: Dayton silt loam		Hydric Soil?: Yes			
		Classification: Typic Albaqualfs		Drainage Class: poorly drained			
Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations		Other Hydric Soil Field Indicators	Comments	
			Color	abundance/size/contrast			
0-14	10YR 4/2	SCL	7.5YR 4/6	common, medium, prominent			
*SD=Sand, SDL=Sandy Loam, L=Loam, SDCL=Sandy Clay Loam, S=Silt, SL=Silt Loam, SCL=Silty Clay Loam, CL=Clay Loam, C=Clay							
Criteria Met:						Yes	
VEGETATION							
Tree Stratum (0%)		Status	% Cover	Herbaceous Stratum (90%)		Status	% Cover
				<i>Epilobium watsonii</i> *		FACW-	60
				<i>Juncus ensifolius</i>		FACW	10
				<i>Juncus tenuis</i>		FACW-	10
				<i>Agrostis tenuis</i> *		FAC	20
Shrub Stratum (10%)		Status	% Cover				
<i>Populus trichocarpa</i> *		FAC	100				
				Woody Vine Stratum		Status	% Cover
*Percent of dominant species FAC, FACW, or OBL: 100%				Criteria Met:		Yes	
Comments:							
Determination:						Wetland	



Wetland Determination Data Form

Routine Onsite Method

Pacific Habitat Services, Inc.

Project: Molalla LWI		Number: 2250		Sample Site: CC-4-7		
Applicant: City of Molalla		County: Clackamas		Date: 5/1/01		
Investigators: SE/PF		Township: 5S		Range: 2E Section: 8		
Do Normal Circumstances exist on this site?		Yes		Is the area a potential Problem Area?		
Is this an Atypical Situation?		No		No		
HYDROLOGY		Primary Indicators		Secondary Indicators		
Depth of Surf. H2O Inches		Inundated		Ox. rhizospheres		
Depth to Free H2O >14 Inches		Sat. in Upper 12"		H2O-stained leaves		
Depth to Saturation >14 Inches		Water Marks		Local Soil Survey		
		Drift Lines		FAC Neutral Test		
		Sediment Deposits		Other		
		Drainage patterns		Criteria Met: No		
SOILS		Mapped Series: Dayton silt loam		Hydric Soil?: Yes		
		Classification: Typic Albaqualfs		Drainage Class: poorly drained		
Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations		Other Hydric Soil Field Indicators	Comments
			Color	abundance/size/contrast		
0-14	10YR 3/2	SL				
*SD=Sand, SDL=Sandy Loam, L=Loam, SDCL=Sandy Clay Loam, S=Silt, SL=Silt Loam, SCL=Silty Clay Loam, CL=Clay Loam, C=Clay						
						Criteria Met: No
VEGETATION						
Tree Stratum (0%)		Status	% Cover	Herbaceous Stratum (100%)		Status % Cover
				<i>Festuca arundinacea</i> *		FAC- 65
				<i>Cirsium vulgare</i>		FACU 10
				<i>Hypochaeris radicata</i>		FACU 5
				<i>Taraxacum officinale</i>		FACU 10
				<i>Trifolium pratense</i>		FACU 10
Shrub Stratum (0%)		Status	% Cover	Woody Vine Stratum (0%)		Status % Cover
*Percent of dominant species FAC, FACW, or OBL: 0%						Criteria Met: No
Comments:						
						Determination: Upland



Wetland Determination Data Form

Routine Onsite Method

Pacific Habitat Services, Inc.

Project: Molalla LWI		Number: 2250		Sample Site: CC-4-8			
Applicant: City of Molalla		County: Clackamas		Date: 5/1/01			
Investigators: SE/PF		Township: 5S		Range: 2E Section: 8			
Do Normal Circumstances exist on this site?		Yes		Is the area a potential Problem Area?			
Is this an Atypical Situation?		No		No			
HYDROLOGY			Primary Indicators		Secondary Indicators		
Depth of Surf. H2O <1 Inches			Inundated		Ox. rhizospheres		
Depth to Free H2O Inches			Sat. in Upper 12"		H2O-stained leaves		
Depth to Saturation 0 Inches			Water Marks		Local Soil Survey		
			Drift Lines		FAC Neutral Test		
			Sediment Deposits		Other _____		
			Drainage patterns		Yes		
					Criteria Met: Yes		
SOILS		Mapped Series: Dayton silt loam		Hydric Soil?: Yes			
		Classification: Typic Albaqualfs		Drainage Class: poorly drained			
Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations		Other Hydric Soil Field Indicators	Comments	
			Color	abundance/size/contrast			
0-6	10YR 3/1	SCL				lots of organic	
6-14	10YR 3/1	SCL	7.5YR 4/6	few, medium, distinct			
*SD=Sand, SDL=Sandy Loam, L=Loam, SDCL=Sandy Clay Loam, S=Silt, SL=Silt Loam, SCL=Silty Clay Loam, CL=Clay Loam, C=Clay							
					Criteria Met: Yes		
VEGETATION							
Tree Stratum (0%)		Status	% Cover	Herbaceous Stratum (85%)		Status	% Cover
				<i>Phalaris arundinacea*</i>		FACW	90
				<i>Galium aparine</i>		FACU	10
Shrub Stratum (0%)		Status	% Cover	Woody Vine Stratum (15%)		Status	% Cover
				<i>Solanum dulcamara*</i>		FAC+	100
*Percent of dominant species FAC, FACW, or OBL:				100%		Criteria Met: Yes	
Comments:							
					Determination: Wetland		



Wetland Determination Data Form

Routine Onsite Method

Pacific Habitat Services, Inc.

Project: Molalla LWI		Number: 2250		Sample Site: CC-9A-9			
Applicant: City of Molalla		County: Clackamas		Date: 4/20/01			
Investigators: PF/CR		Township: 5S		Range: 2E Section: 8			
Do Normal Circumstances exist on this site? Yes		Is the area a potential Problem Area? No					
Is this an Atypical Situation? No							
HYDROLOGY		Primary Indicators		Secondary Indicators			
		Inundated Yes		Ox. rhizospheres Yes			
		Sat. in Upper 12" Yes		H2O-stained leaves			
Depth of Surf. H2O <1 Inches		Water Marks		Local Soil Survey			
Depth to Free H2O <1 Inches		Drift Lines		FAC Neutral Test			
Depth to Saturation 0 Inches		Sediment Deposits		Other			
		Drainage patterns Yes		Criteria Met: Yes			
SOILS		Mapped Series: Dayton silt loam		Hydric Soil?: Yes			
		Classification: Typic Albaqualfs		Drainage Class: poorly drained			
Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations		Other Hydric Soil Field Indicators	Comments	
			Color	abundance/size/contrast			
0-14	10YR 2/1	S / C	5Y 3/4	common, medium, distinct			
*SD=Sand, SDL=Sandy Loam, L=Loam, SDCL=Sandy Clay Loam, S=Silt, SL=Silt Loam, SCL=Silty Clay Loam, CL=Clay Loam, C=Clay							
						Criteria Met: Yes	
VEGETATION							
Tree Stratum (0%)		Status	% Cover	Herbaceous Stratum (100%)		Status	% Cover
				<i>Ranunculus repens</i> *		FACW	20
				<i>Agrostis stolonifera</i> *		FAC	30
				<i>Carex feta</i>		FACW	10
				<i>Alopecurus pratensis</i>		FACW	10
				<i>Poa annua</i>		FAC	5
				<i>Trifolium repens</i>		FAC	5
Shrub Stratum (0%)		Status	% Cover	<i>Trifolium pratense</i>		FACU	5
				<i>Cerastium vulgatum</i>		FACU	5
				Woody Vine Stratum		Status	% Cover
*Percent of dominant species FAC, FACW, or OBL: 100%						Criteria Met: Yes	
Comments:							
						Determination: Wetland	



Wetland Determination Data Form

Routine Onsite Method

Pacific Habitat Services, Inc.

Project: Molalla LWI		Number: 2250		Sample Site: CC-9A-10			
Applicant: City of Molalla		County: Clackamas		Date: 4/20/01			
Investigators: PF/CR		Township: 5S		Range: 2E Section: 8			
Do Normal Circumstances exist on this site? Yes		Is the area a potential Problem Area? No					
Is this an Atypical Situation? No							
HYDROLOGY		Primary Indicators		Secondary Indicators			
		Inundated		Ox. rhizospheres Yes			
		Sat. in Upper 12"		H2O-stained leaves			
Depth of Surf. H2O Inches		Water Marks		Local Soil Survey			
Depth to Free H2O >14 Inches		Drift Lines		FAC Neutral Test			
Depth to Saturation >14 Inches		Sediment Deposits		Other _____			
		Drainage patterns		Criteria Met: No			
SOILS		Mapped Series: Dayton silt loam		Hydric Soil?: Yes			
		Classification: Typic Albaqualfs		Drainage Class: poorly drained			
Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations		Other Hydric Soil Field Indicators	Comments	
			Color	abundance/size/contrast			
0-14	10YR 2/2	SCL	7.5YR 3/3	common, fine, distinct			
*SD=Sand, SDL=Sandy Loam, L=Loam, SDCL=Sandy Clay Loam, S=Silt, SL=Silt Loam, SCL=Silty Clay Loam, CL=Clay Loam, C=Clay							
						Criteria Met: Yes	
VEGETATION							
Tree Stratum	(0%)	Status	% Cover	Herbaceous Stratum	(100%)	Status	% Cover
				<i>Festuca arundinacea</i> *		FAC-	20
				<i>Hypochaeris radicata</i> *		FACU	20
				<i>Trifolium pratense</i> *		FACU	20
				<i>Alopecurus pratensis</i>		FACW	10
				<i>Agrostis tenuis</i>		FAC	5
				<i>Poa pratensis</i>		FAC	10
Shrub Stratum	(0%)	Status	% Cover	<i>Poa annua</i>		FAC	5
				<i>Cerastium vulgatum</i>		FACU	10
				Woody Vine Stratum	(0%)	Status	% Cover
*Percent of dominant species FAC, FACW, or OBL: 0%				Criteria Met: No			
Comments:							
						Determination: Upland	



Wetland Determination Data Form

Routine Onsite Method

Pacific Habitat Services, Inc.

Project: Molalla LWI		Number: 2250		Sample Site: CC-9B-11		
Applicant: City of Molalla		County: Clackamas		Date: 4/20/01		
Investigators: PF/CR		Township: 5S Range: 2E		Section: 8		
Do Normal Circumstances exist on this site? Yes		Is the area a potential Problem Area? No				
Is this an Atypical Situation? No						
HYDROLOGY		Primary Indicators		Secondary Indicators		
		Inundated		Ox. rhizospheres		
		Sat. in Upper 12"		H2O-stained leaves		
Depth of Surf. H2O Inches		Water Marks		Local Soil Survey		
Depth to Free H2O >14 Inches		Drift Lines		FAC Neutral Test		
Depth to Saturation >14 Inches		Sediment Deposits		Other _____		
		Drainage patterns		Criteria Met: No		
SOILS		Mapped Series: Dayton silt loam		Hydric Soil?: Yes		
		Classification: Typic Albaqualfs		Drainage Class: poorly drained		
Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations		Other Hydric Soil Field Indicators	Comments
			Color	abundance/size/contrast		
0-14	10YR 3/2	SL	7.5YR 3/2	few, fine, faint		
*SD=Sand, SDL=Sandy Loam, L=Loam, SDCL=Sandy Clay Loam, S=Silt, SL=Silt Loam, SCL=Silty Clay Loam, CL=Clay Loam, C=Clay						Criteria Met: Yes
VEGETATION						
Tree Stratum (0%)		Status	% Cover	Herbaceous Stratum (100%)		Status % Cover
				<i>Alopecurus pratensis</i>		FACW 20
				<i>Taraxacum officinale</i>		FACU 10
				<i>Festuca arundinacea*</i>		FAC- 20
				<i>Agrostis tenuis</i>		FAC 10
				<i>Trifolium pratense</i>		FACU 5
				<i>Trifolium dubium</i>		UPL 5
Shrub Stratum (0%)		Status	% Cover	<i>Carex sp.</i>		FACW - FACW+ 10
				<i>Daucus carota</i>		UPL 5
				<i>Ranunculus repens</i>		FACW 10
				<i>Plantago major</i>		FACU+ 5
				Woody Vine Stratum (0%)		Status % Cover
*Percent of dominant species FAC, FACW, or OBL: 50%						Criteria Met: No
Comments:						Determination: Upland



Wetland Determination Data Form

Routine Onsite Method

Pacific Habitat Services, Inc.

Project: Molalla LWI		Number: 2250		Sample Site: CC-9B-12		
Applicant: City of Molalla		County: Clackamas		Date: 4/20/01		
Investigators: PF/CR		Township: 5S		Range: 2E Section: 8		
Do Normal Circumstances exist on this site?		Yes		Is the area a potential Problem Area?		
Is this an Atypical Situation?		No		No		
HYDROLOGY			Primary Indicators		Secondary Indicators	
			Inundated		Ox. rhizospheres Yes	
			Sat. in Upper 12"		H2O-stained leaves	
Depth of Surf. H2O Inches			Water Marks		Local Soil Survey	
Depth to Free H2O 3 Inches			Drift Lines		FAC Neutral Test	
Depth to Saturation 0 Inches			Sediment Deposits		Other _____	
			Drainage patterns Yes		Criteria Met: Yes	
SOILS			Mapped Series: Dayton silt loam		Hydric Soil?: Yes	
			Classification: Typic Albaqualfs		Drainage Class: poorly drained	
Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations		Other Hydric Soil Field Indicators	Comments
			Color	abundance/size/contrast		
0-14	10YR 2/1	S / C	5Y 3/4	common, medium, distinct		
*SD=Sand, SDL=Sandy Loam, L=Loam, SDCL=Sandy Clay Loam, S=Silt, SL=Silt Loam, SCL=Silty Clay Loam, CL=Clay Loam, C=Clay						
						Criteria Met: Yes
VEGETATION						
Tree Stratum (60%)		Status	% Cover	Herbaceous Stratum (40%)		Status % Cover
<i>Fraxinus latifolia</i> *		FACW	100	<i>Camassia quamash</i> *		FACW 30
				<i>Carex praticola</i> *		FACW 20
				<i>Taraxacum officinale</i>		FACU 5
				<i>Lotus corniculatus</i>		FAC 15
				<i>Vicia sativa</i>		UPL 10
				<i>Epilobium watsonii</i>		FACW- 5
Shrub Stratum (0%)		Status	% Cover	<i>Trifolium repens</i>		FAC 10
				Woody Vine Stratum		Status % Cover
*Percent of dominant species FAC, FACW, or OBL: 100%				Criteria Met: Yes		
Comments:						
						Determination: Wetland



Wetland Determination Data Form

Routine Onsite Method

Pacific Habitat Services, Inc.

Project: Molalla LWI		Number: 2250		Sample Site: CC-9B-13			
Applicant: City of Molalla		County: Clackamas		Date: 4/20/01			
Investigators: PF/CR		Township: 5S		Range: 2E Section: 8			
Do Normal Circumstances exist on this site?		Yes		Is the area a potential Problem Area?			
Is this an Atypical Situation?		No		No			
HYDROLOGY		Primary Indicators		Secondary Indicators			
Depth of Surf. H2O Inches		Inundated		Ox. rhizospheres			
Depth to Free H2O >14 Inches		Sat. in Upper 12"		H2O-stained leaves			
Depth to Saturation >14 Inches		Water Marks		Local Soil Survey			
		Drift Lines		FAC Neutral Test			
		Sediment Deposits		Other			
		Drainage patterns		Criteria Met: No			
SOILS		Mapped Series: Dayton silt loam		Hydric Soil?: Yes			
		Classification: Typic Albaqualfs		Drainage Class: poorly drained			
Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations		Other Hydric Soil Field Indicators	Comments	
			Color	abundance/size/contrast			
0-14	10YR 3/2	SL					
*SD=Sand, SDL=Sandy Loam, L=Loam, SDCL=Sandy Clay Loam, S=Silt, SL=Silt Loam, SCL=Silty Clay Loam, CL=Clay Loam, C=Clay							
						Criteria Met: No	
VEGETATION							
Tree Stratum	(0%)	Status	% Cover	Herbaceous Stratum	(100%)	Status	% Cover
				<i>Festuca arundinacea</i>		FAC-	10
				<i>Daucus carota*</i>		UPL	30
				<i>Cirsium arvense*</i>		FACU+	20
				<i>Taraxacum officinale</i>		FACU	10
				<i>Chrysanthemum leucanthemum</i>		UPL	10
				<i>Trifolium repens</i>		FAC	10
Shrub Stratum	(0%)	Status	% Cover	<i>Alopecurus pratensis</i>		FACW	5
				<i>Agrostis tenuis</i>		FAC	5
				Woody Vine Stratum	(0%)	Status	% Cover
*Percent of dominant species FAC, FACW, or OBL: 0%							
						Criteria Met: No	
Comments:							
						Determination: Upland	



Wetland Determination Data Form

Routine Onsite Method

Pacific Habitat Services, Inc.

Project: Molalla LWI		Number: 2250		Sample Site: BC-1A-14	
Applicant: City of Molalla		County: Clackamas		Date: 5/1/01	
Investigators: SE/PF		Township: 5S		Range: 2E Section: 7	
Do Normal Circumstances exist on this site? Yes		Is the area a potential Problem Area? No			
Is this an Atypical Situation? No					
HYDROLOGY		Primary Indicators		Secondary Indicators	
		Inundated		Ox. rhizospheres	
Depth of Surf. H2O Inches		Sat. in Upper 12" Yes		H2O-stained leaves	
Depth to Free H2O >14 Inches		Water Marks		Local Soil Survey	
Depth to Saturation 0 Inches		Drift Lines		FAC Neutral Test	
		Sediment Deposits		Other _____	
		Drainage patterns Yes		Criteria Met: Yes	
SOILS		Mapped Series: Aloha silt loam		Hydric Soil?: No	
		Classification: Aquic Xerochrepts		Drainage Class: somewhat poorly drained	
Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations		Other Hydric Soil Field Indicators
			Color	abundance/size/contrast	Comments
0-14	2.5Y 5/1	SCL	10YR 4/6	many, coarse, prominent	
*SD=Sand, SDL=Sandy Loam, L=Loam, SDCL=Sandy Clay Loam, S=Silt, SL=Silt Loam, SCL=Silty Clay Loam, CL=Clay Loam, C=Clay					
					Criteria Met: Yes
VEGETATION					
Tree Stratum (0%)		Status	% Cover	Herbaceous Stratum (100%)	
				<i>Festuca arundinacea</i> * FAC- 35 <i>Phalaris arundinacea</i> FACW 15 <i>Carex stipata</i> * OBL 20 <i>Juncus effusus</i> * FACW 30	
Shrub Stratum (0%)		Status	% Cover		
				Woody Vine Stratum (0%)	
*Percent of dominant species FAC, FACW, or OBL: 67%				Criteria Met: Yes	
Comments:					
					Determination: Wetland



Wetland Determination Data Form

Routine Onsite Method

Pacific Habitat Services, Inc.

Project: Molalla LWI		Number: 2250		Sample Site BC-1A-15			
Applicant: City of Molalla		County: Clackamas		Date: 5/1/01			
Investigators: SE/PF		Township: 5S		Range: 2E Section: 7			
Do Normal Circumstances exist on this site? Yes		Is the area a potential Problem Area? No					
Is this an Atypical Situation? No							
HYDROLOGY		Primary Indicators		Secondary Indicators			
		Inundated		Ox. rhizospheres			
		Sat. in Upper 12"		H2O-stained leaves			
Depth of Surf. H2O Inches		Water Marks		Local Soil Survey			
Depth to Free H2O >12 Inches		Drift Lines		FAC Neutral Test			
Depth to Saturation >12 Inches		Sediment Deposits		Other _____			
		Drainage patterns		Criteria Met: No			
SOILS		Mapped Series: Aloha silt loam		Hydric Soil?: No			
		Classification: Aquic Xerochrepts		Drainage Class: somewhat poorly drained			
Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations		Other Hydric Soil Field Indicators	Comments	
			Color	abundance/size/contrast			
0-12	10YR 3/2	SL				refused at 12 inches by rock	
*SD=Sand, SDL=Sandy Loam, L=Loam, SDCL=Sandy Clay Loam, S=Silt, SL=Silt Loam, SCL=Silty Clay Loam, CL=Clay Loam, C=Clay							
						Criteria Met: No	
VEGETATION							
Tree Stratum (0%)		Status	% Cover	Herbaceous Stratum (100%)		Status	% Cover
				<i>Festuca arundinacea</i> *		FAC-	30
				<i>Trifolium pratense</i> *		FACU	20
				<i>Cardamine oligosperma</i>		FAC	5
				<i>Vicia americana</i>		FAC	10
				<i>Myosotis discolor</i>		FACW	10
				<i>Daucus carota</i>		UPL	10
Shrub Stratum (0%)		Status	% Cover	<i>Parentucellia viscosa</i>		FAC-	10
				Woody Vine Stratum (0%)		Status	% Cover
*Percent of dominant species FAC, FACW, or OBL: 0%				Criteria Met: No			
Comments: on berm by sewage pond							
						Determination: Upland	



Wetland Determination Data Form

Routine Onsite Method

Pacific Habitat Services, Inc.

Project: Molalla LWI		Number: 2250		Sample Site BC-1A-16	
Applicant: City of Molalla		County: Clackamas		Date: 5/1/01	
Investigators: SE/PF		Township: 5S		Range: 2E Section: 7	
Do Normal Circumstances exist on this site? Yes		Is the area a potential Problem Area? No			
Is this an Atypical Situation? No					
HYDROLOGY		Primary Indicators		Secondary Indicators	
		Inundated		Ox. rhizospheres Yes	
Depth of Surf. H2O Inches		Sat. in Upper 12" Yes		H2O-stained leaves	
Depth to Free H2O 2 Inches		Water Marks		Local Soil Survey	
Depth to Saturation 0 Inches		Drift Lines		FAC Neutral Test	
		Sediment Deposits		Other _____	
		Drainage patterns Yes		Criteria Met: Yes	
SOILS		Mapped Series: Aloha silt loam		Hydric Soil?: No	
		Classification: Aquic Xerochrepts		Drainage Class: somewhat poorly drained	
Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations		Other Hydric Soil Field Indicators
			Color	abundance/size/contrast	Comments
0-2	10YR 3/2	SCL	7.5YR 4/6	few, medium, distinct	
2-14	5Y 3/1	SCL	10YR 4/6	common, medium, distinct	
*SD=Sand, SDL=Sandy Loam, L=Loam, SDCL=Sandy Clay Loam, S=Silt, SL=Silt Loam, SCL=Silty Clay Loam, CL=Clay Loam, C=Clay					
					Criteria Met: Yes
VEGETATION					
Tree Stratum (0%)		Status	% Cover	Herbaceous Stratum (100%)	
				<i>Typha latifolia</i> * OBL 20 <i>Juncus effusus</i> FACW 10 <i>Alopecurus geniculatus</i> * OBL 35 <i>Eleocharis ovata</i> OBL 10 <i>Holcus lanatus</i> * FAC 20 <i>Carex stipata</i> OBL 5	
Shrub Stratum (0%)		Status	% Cover	Woody Vine Stratum (0%)	
*Percent of dominant species FAC, FACW, or OBL: 100%				Criteria Met: Yes	
Comments:					
					Determination: Wetland



Wetland Determination Data Form

Routine Onsite Method

Pacific Habitat Services, Inc.

Project: Molalla LWI		Number: 2250		Sample Site: BC-1A-17			
Applicant: City of Molalla		County: Clackamas		Date: 5/1/01			
Investigators: SE/PF		Township: 5S		Range: 2E Section: 7			
Do Normal Circumstances exist on this site? Yes		Is the area a potential Problem Area? No					
Is this an Atypical Situation? No							
HYDROLOGY		Primary Indicators		Secondary Indicators			
		Inundated		Ox. rhizospheres			
		Sat. in Upper 12"		H2O-stained leaves			
Depth of Surf. H2O Inches		Water Marks		Local Soil Survey			
Depth to Free H2O >14 Inches		Drift Lines		FAC Neutral Test			
Depth to Saturation >14 Inches		Sediment Deposits		Other _____			
		Drainage patterns		Criteria Met: No			
SOILS		Mapped Series: Aloha silt loam		Hydric Soil?: No			
		Classification: Aquic Xerochrepts		Drainage Class: somewhat poorly drained			
Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations		Other Hydric Soil Field Indicators	Comments	
			Color	abundance/size/contrast			
0-14	10YR 4/3	SL					
*SD=Sand, SDL=Sandy Loam, L=Loam, SDCL=Sandy Clay Loam, S=Silt, SL=Silt Loam, SCL=Silty Clay Loam, CL=Clay Loam, C=Clay							
						Criteria Met: No	
VEGETATION							
Tree Stratum (0%)		Status	% Cover	Herbaceous Stratum (100%)		Status	% Cover
				<i>Cirsium arvense</i>		FACU+	10
				<i>Trifolium repens</i> *		FAC	20
				<i>Holcus lanatus</i> *		FAC	20
				<i>Poa annua</i> *		FAC	20
				<i>Dactylis glomerata</i> *		FACU	25
				<i>Rumex crispus</i>		FAC+	3
Shrub Stratum (0%)		Status	% Cover	Woody Vine Stratum (0%)		Status	% Cover
*Percent of dominant species FAC, FACW, or OBL: 75%						Criteria Met: Yes	
Comments:							
						Determination: Upland	



Wetland Determination Data Form

Routine Onsite Method

Pacific Habitat Services, Inc.

Project: Molalla LWI		Number: 2250		Sample Site: BC-1A-18		
Applicant: City of Molalla		County: Clackamas		Date: 5/1/01		
Investigators: SE/PF		Township: 5S		Range: 2E Section: 7		
Do Normal Circumstances exist on this site?		Yes		Is the area a potential Problem Area?		
Is this an Atypical Situation?		No		No		
HYDROLOGY		Primary Indicators		Secondary Indicators		
Depth of Surf. H2O Inches		Inundated		Ox. rhizospheres		
Depth to Free H2O >14 Inches		Sat. in Upper 12"		H2O-stained leaves		
Depth to Saturation >14 Inches		Water Marks		Local Soil Survey		
		Drift Lines		FAC Neutral Test		
		Sediment Deposits		Other		
		Drainage patterns		Criteria Met: No		
SOILS		Mapped Series: Aloha silt loam		Hydric Soil?: No		
		Classification: Aquic Xerochrepts		Drainage Class: somewhat poorly drained		
Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations		Other Hydric Soil Field Indicators	Comments
			Color	abundance/size/contrast		
0-14	10YR 3/2	SL				
*SD=Sand, SDL=Sandy Loam, L=Loam, SDCL=Sandy Clay Loam, S=Silt, SL=Silt Loam, SCL=Silty Clay Loam, CL=Clay Loam, C=Clay						
						Criteria Met: No
VEGETATION						
Tree Stratum (0%)		Status	% Cover	Herbaceous Stratum (100%)		Status % Cover
				<i>Festuca arundinacea</i> *		FAC- 35
				<i>Cerastium vulgatum</i>		FACU 10
				<i>Poa annua</i> *		FAC 25
				<i>Alopecurus pratensis</i>		FACW 15
				<i>Vicia americana</i>		FAC 10
Shrub Stratum (0%)		Status	% Cover	Woody Vine Stratum (0%)		Status % Cover
*Percent of dominant species FAC, FACW, or OBL:				50%		Criteria Met: No
Comments:						Determination: Upland



Wetland Determination Data Form

Routine Onsite Method

Pacific Habitat Services, Inc.

Project: Molalla LWI		Number: 2250		Sample Site: BC-1A-19			
Applicant: City of Molalla		County: Clackamas		Date: 5/1/01			
Investigators: SE/PF		Township: 5S		Range: 2E Section: 7			
Do Normal Circumstances exist on this site? Yes		Is the area a potential Problem Area? No					
Is this an Atypical Situation? No							
HYDROLOGY		Primary Indicators		Secondary Indicators			
		Inundated		Ox. rhizospheres Yes			
		Sat. in Upper 12" Yes		H2O-stained leaves			
Depth of Surf. H2O Inches		Water Marks		Local Soil Survey			
Depth to Free H2O 6 Inches		Drift Lines		FAC Neutral Test			
Depth to Saturation 0 Inches		Sediment Deposits		Other			
		Drainage patterns Yes		Criteria Met: Yes			
SOILS		Mapped Series: Aloha silt loam		Hydric Soil?: No			
		Classification: Aquic Xerochrepts		Drainage Class: somewhat poorly drained			
Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations		Other Hydric Soil Field Indicators	Comments	
			Color	abundance/size/contrast			
0-4	10YR 5/3	SCL	10YR 4/6	few, coarse, distinct			
4-14	5Y 4/1	SL					
*SD=Sand, SDL=Sandy Loam, L=Loam, SDCL=Sandy Clay Loam, S=Silt, SL=Silt Loam, SCL=Silty Clay Loam, CL=Clay Loam, C=Clay							
Criteria Met:						Yes	
VEGETATION							
Tree Stratum (0%)		Status	% Cover	Herbaceous Stratum (100%)		Status	% Cover
				<i>Epilobium watsonii</i>		FACW-	5
				<i>Rumex crispus</i>		FAC+	2
				<i>Alopecurus geniculatus*</i>		OBL	75
				<i>Eleocharis ovata</i>		OBL	5
				<i>Juncus effusus</i>		FACW	10
Shrub Stratum (0%)		Status	% Cover	Woody Vine Stratum (0%)		Status	% Cover
*Percent of dominant species FAC, FACW, or OBL: 100%				Criteria Met:		Yes	
Comments:							
Determination:						Wetland	



Wetland Determination Data Form

Routine Onsite Method

Pacific Habitat Services, Inc.

Project: Molalla LWI		Number: 2250		Sample Site: BC-1B-20	
Applicant: City of Molalla		County: Clackamas		Date: 5/1/01	
Investigators: SE/PF		Township: 5S		Range: 2E Section: 7	
Do Normal Circumstances exist on this site? Yes		Is the area a potential Problem Area? No			
Is this an Atypical Situation? No					
HYDROLOGY		Primary Indicators		Secondary Indicators	
		Inundated		Ox. rhizospheres	
		Sat. in Upper 12"		Yes	
Depth of Surf. H2O Inches		Water Marks		H2O-stained leaves	
Depth to Free H2O Inches		Drift Lines		Local Soil Survey	
Depth to Saturation 0-10 Inches		Sediment Deposits		FAC Neutral Test	
		Drainage patterns		Other	
		Yes		Criteria Met: Yes	
SOILS		Mapped Series: Wapato silty clay loam		Hydric Soil?: Yes	
		Classification: Fluvaquentic Endoaquolls		Drainage Class: poorly drained	
Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations		Other Hydric Soil Field Indicators
			Color	abundance/size/contrast	Comments
0-10	10YR 3/1	SCL			
10-15	10YR 3/1	SC	10YR 4/6	few, medium, faint	
*SD=Sand, SDL=Sandy Loam, L=Loam, SDCL=Sandy Clay Loam, S=Silt, SL=Silt Loam, SCL=Silty Clay Loam, CL=Clay Loam, C=Clay					
					Criteria Met: Yes
VEGETATION					
Tree Stratum (30%)		Status	% Cover	Herbaceous Stratum (70%)	
				Status	% Cover
<i>Fraxinus latifolia</i> *		FACW	100	<i>Veratrum californicum</i> *	FACW+ 40
				<i>Glyceria elata</i> *	FACW+ 50
				<i>Rumex crispus</i>	FAC+ 2
				<i>Carex deweyana</i>	FACU 5
Shrub Stratum (0%)		Status	% Cover	Woody Vine Stratum (0%)	
				Status	% Cover
*Percent of dominant species FAC, FACW, or OBL:				100%	Criteria Met: Yes
Comments:					
					Determination: Wetland



Wetland Determination Data Form

Routine Onsite Method

Pacific Habitat Services, Inc.

Project: Molalla LWI		Number: 2250		Sample Site: BC-1C-21			
Applicant: City of Molalla		County: Clackamas		Date: 6/6/01			
Investigators: SE/PF		Township: 5S		Range: 2E Section: 7			
Do Normal Circumstances exist on this site? Yes		Is the area a potential Problem Area? No					
Is this an Atypical Situation? No							
HYDROLOGY		Primary Indicators		Secondary Indicators			
		Inundated		Ox. rhizospheres Yes			
		Sat. in Upper 12"		H2O-stained leaves			
Depth of Surf. H2O Inches		Water Marks		Local Soil Survey			
Depth to Free H2O >12 Inches		Drift Lines		FAC Neutral Test			
Depth to Saturation >12 Inches		Sediment Deposits		Other _____			
		Drainage patterns Yes		Criteria Met: Yes			
SOILS		Mapped Series: Aloha silt loam		Hydric Soil?: No			
		Classification: Aquic Xerochrepts		Drainage Class: somewhat poorly drained			
Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations		Other Hydric Soil Field Indicators	Comments	
			Color	abundance/size/contrast			
0-12	10YR 4/1	SCL	10YR 3/4	common, medium, distinct			
*SD=Sand, SDL=Sandy Loam, L=Loam, SDCL=Sandy Clay Loam, S=Silt, SL=Silt Loam, SCL=Silty Clay Loam, CL=Clay Loam, C=Clay							
						Criteria Met: Yes	
VEGETATION							
Tree Stratum (0%)		Status	% Cover	Herbaceous Stratum (80%)		Status	% Cover
				<i>Holcus lanatus</i> *		FAC	20
				<i>Festuca arundinacea</i>		FAC-	15
				<i>Juncus effusus</i> *		FACW	35
				<i>Carex stipata</i> *		OBL	25
				<i>Poa trivialis</i>		FACW	5
Shrub Stratum (15%)		Status	% Cover	Woody Vine Stratum (5%)		Status	% Cover
<i>Fraxinus latifolia</i> *		FACW	70				
<i>Rhamnus purshiana</i>		FAC-	10				
<i>Spiraea douglasii</i> *		FACW	20	<i>Rubus discolor</i> *		FACU	100
*Percent of dominant species FAC, FACW, or OBL: 83%						Criteria Met: Yes	
Comments:							
						Determination: Wetland	



Wetland Determination Data Form

Routine Onsite Method

Pacific Habitat Services, Inc.

Project: Molalla LWI		Number: 2250		Sample Site: BC-1C-22			
Applicant: City of Molalla		County: Clackamas		Date: 6/6/01			
Investigators: SE/PF		Township: 5S		Range: 2E Section: 7			
Do Normal Circumstances exist on this site? Yes		Is the area a potential Problem Area? No					
Is this an Atypical Situation? No							
HYDROLOGY		Primary Indicators		Secondary Indicators			
		Inundated		Ox. rhizospheres			
		Sat. in Upper 12"		H2O-stained leaves			
Depth of Surf. H2O Inches		Water Marks		Local Soil Survey			
Depth to Free H2O >16 Inches		Drift Lines		FAC Neutral Test			
Depth to Saturation >16 Inches		Sediment Deposits		Other _____			
		Drainage patterns		Criteria Met: No			
SOILS		Mapped Series: Aloha silt loam		Hydric Soil?: No			
		Classification: Aquic Xerochrepts		Drainage Class: somewhat poorly drained			
Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations		Other Hydric Soil Field Indicators	Comments	
			Color	abundance/size/contrast			
0-16	10YR 3/2	SL	10YR 3/4	common, medium, faint			
*SD=Sand, SDL=Sandy Loam, L=Loam, SDCL=Sandy Clay Loam, S=Silt, SL=Silt Loam, SCL=Silty Clay Loam, CL=Clay Loam, C=Clay							
						Criteria Met: No	
VEGETATION							
Tree Stratum	(0%)	Status	% Cover	Herbaceous Stratum	(100%)	Status	% Cover
				<i>Festuca arundinacea</i> *		FAC-	70
				<i>Holcus lanatus</i>		FAC	10
				<i>Agrostis tenuis</i> *		FAC	20
Shrub Stratum	(0%)	Status	% Cover				
				Woody Vine Stratum	(0%)	Status	% Cover
*Percent of dominant species FAC, FACW, or OBL: 50%				Criteria Met: No			
Comments:							
						Determination: Upland	



Wetland Determination Data Form

Routine Onsite Method

Pacific Habitat Services, Inc.

Project: Molalla LWI		Number: 2250		Sample Site: BC-2A-23	
Applicant: City of Molalla		County: Clackamas		Date: 4/18/01	
Investigators: SE/FS		Township: 5S		Range: 2E Section: 7	
Do Normal Circumstances exist on this site? Yes		Is the area a potential Problem Area? No			
Is this an Atypical Situation? No					
Primary Indicators					
Secondary Indicators					
HYDROLOGY		Inundated		Ox. rhizospheres Yes	
Depth of Surf. H2O Inches		Sat. in Upper 12" Yes		H2O-stained leaves	
Depth to Free H2O 9 Inches		Water Marks		Local Soil Survey	
Depth to Saturation 5 Inches		Drift Lines		FAC Neutral Test	
		Sediment Deposits		Other	
		Drainage patterns Yes		Criteria Met: Yes	
SOILS					
Mapped Series: Wapato silty clay loam			Hydric Soil?: Yes		
Classification: Fluvaquentic Endoaquolls			Drainage Class: poorly drained		
Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations		Other Hydric Soil Field Indicators
			Color	abundance/size/contrast	Comments
0-10	2.5Y 2.5/1	SL	10YR 3/4 10YR 3/6	common, medium, distinct	refused at 10 inches due to large cobbles
*SD=Sand, SDL=Sandy Loam, L=Loam, SDCL=Sandy Clay Loam, S=Silt, SL=Silt Loam, SCL=Silty Clay Loam, CL=Clay Loam, C=Clay					
Criteria Met: Yes					
VEGETATION					
Tree Stratum (0%)		Status	% Cover	Herbaceous Stratum (100%)	
				<i>Phalaris arundinacea*</i>	FACW 45
				<i>Galium aparine</i>	FACU 5
				<i>Cardamine oligosperma</i>	FAC 10
				<i>Lamium purpureum</i>	UPL 5
				<i>Impatiens noli-tangere*</i>	FACW 25
				<i>Conium maculatum</i>	FAC+ 10
Shrub Stratum (0%)		Status	% Cover		
				Woody Vine Stratum (0%)	Status % Cover
*Percent of dominant species FAC, FACW, or OBL: 100%				Criteria Met: Yes	
Comments:					
Determination: Wetland					



Wetland Determination Data Form

Routine Onsite Method

Pacific Habitat Services, Inc.

Project: Molalla LWI		Number: 2250		Sample Site: BC-2A-24	
Applicant: City of Molalla		County: Clackamas		Date: 4/18/01	
Investigators: SE/FS		Township: 5S		Range: 2E Section: 7	
Do Normal Circumstances exist on this site? Yes		Is the area a potential Problem Area? No			
Is this an Atypical Situation? No					
HYDROLOGY		Primary Indicators		Secondary Indicators	
		Inundated		Ox. rhizospheres	
		Sat. in Upper 12"		H2O-stained leaves	
Depth of Surf. H2O Inches		Water Marks		Local Soil Survey	
Depth to Free H2O >14 Inches		Drift Lines		FAC Neutral Test	
Depth to Saturation >14 Inches		Sediment Deposits		Other	
		Drainage patterns		Criteria Met: No	
SOILS		Mapped Series: Wapato silty clay loam		Hydric Soil?: Yes	
		Classification: Fluvaquentic Endoaquolls		Drainage Class: poorly drained	
Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations		Other Hydric Soil Field Indicators
			Color	abundance/size/contrast	Comments
0-14	10YR 2/1	L			gravelly, well drained
*SD=Sand, SDL=Sandy Loam, L=Loam, SDCL=Sandy Clay Loam, S=Silt, SL=Silt Loam, SCL=Silty Clay Loam, CL=Clay Loam, C=Clay					
					Criteria Met: Yes
VEGETATION					
Tree Stratum (40%)		Status	% Cover	Herbaceous Stratum (50%)	
<i>Fraxinus latifolia</i> *		FACW	100	<i>Dactylis glomerata</i> *	
				<i>Alopecurus pratensis</i> *	
				<i>Galium aparine</i> *	
				<i>Lamium purpureum</i>	
				<i>Agrostis tenuis</i> *	
				<i>Taraxacum officinale</i>	
Shrub Stratum (5%)		Status	% Cover	<i>Cardamine oligosperma</i>	
<i>Crataegus monogyna</i> *		FACU+	100		
				Woody Vine Stratum (5%)	
				<i>Rubus discolor</i> *	
*Percent of dominant species FAC, FACW, or OBL: 43%				Criteria Met: No	
Comments: Grazed by horses, used vegetation immediately beyond fence above creek					
					Determination: Upland



Wetland Determination Data Form

Routine Onsite Method

Pacific Habitat Services, Inc.

Project: Molalla LWI		Number: 2250		Sample Site: BC-2B-25				
Applicant: City of Molalla		County: Clackamas		Date: 4/18/01				
Investigators: SE/FS		Township: 5S		Range: 2E Section: 7				
Do Normal Circumstances exist on this site? No		Is the area a potential Problem Area? No						
Is this an Atypical Situation? Yes								
HYDROLOGY		Primary Indicators		Secondary Indicators				
		Inundated		Ox. rhizospheres Yes				
		Sat. in Upper 12" Yes		H2O-stained leaves				
Depth of Surf. H2O Inches		Water Marks		Local Soil Survey				
Depth to Free H2O 3 Inches		Drift Lines		FAC Neutral Test				
Depth to Saturation 0 Inches		Sediment Deposits		Other _____				
		Drainage patterns		Criteria Met: Yes				
SOILS		Mapped Series: Wapato silty clay loam		Hydric Soil?: Yes				
		Classification: Fluvaquentic Endoaquolls		Drainage Class: poorly drained				
Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations		Other Hydric Soil Field Indicators	Comments		
			Color	abundance/size/contrast				
0-6	10YR 2/2	SDL				with gravel		
6-12	2.5Y 3/2	SDL				with cobbles		
*SD=Sand, SDL=Sandy Loam, L=Loam, SDCL=Sandy Clay Loam, S=Silt, SL=Silt Loam, SCL=Silty Clay Loam, CL=Clay Loam, C=Clay								
Criteria Met:						N/A		
VEGETATION								
Tree Stratum (10%)		Status	% Cover	Herbaceous Stratum (65%)		Status	% Cover	
<i>Populus trichocarpa</i> *		FAC	100	<i>Phalaris arundinacea</i> *		FACW	100	
Shrub Stratum (20%)		Status	% Cover	Woody Vine Stratum (5%)		Status	% Cover	
<i>Populus trichocarpa</i> *		FAC	100	<i>Rubus discolor</i> *		FACU	100	
*Percent of dominant species FAC, FACW, or OBL: 75%						Criteria Met: Yes		
Comments:		Natural soil conditions have been disturbed for installation of a stormwater outfall by creek. A high sand content in the soil is present, soil color is not a reliable hydric indicator					Determination: Wetland	



Wetland Determination Data Form

Routine Onsite Method

Pacific Habitat Services, Inc.

Project: Molalla LWI		Number: 2250		Sample Site: BC-2B-26			
Applicant: City of Molalla		County: Clackamas		Date: 4/18/01			
Investigators: SE/FS		Township: 5S		Range: 2E Section: 7			
Do Normal Circumstances exist on this site? Yes		Is the area a potential Problem Area? No					
Is this an Atypical Situation? No							
HYDROLOGY		Primary Indicators		Secondary Indicators			
		Inundated		Ox. rhizospheres			
		Sat. in Upper 12"		H2O-stained leaves			
Depth of Surf. H2O Inches		Water Marks		Local Soil Survey			
Depth to Free H2O >14 Inches		Drift Lines		FAC Neutral Test			
Depth to Saturation >14 Inches		Sediment Deposits		Other _____			
		Drainage patterns		Criteria Met: No			
SOILS		Mapped Series: Wapato silty clay loam		Hydric Soil?: Yes			
		Classification: Fluvaquentic Endoaquolls		Drainage Class: poorly drained			
Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations		Other Hydric Soil Field Indicators		
			Color	abundance/size/contrast	Comments		
0-4	10YR 2/1	SL					
4-14	10YR 2/1	SL			gravelly		
*SD=Sand, SDL=Sandy Loam, L=Loam, SDCL=Sandy Clay Loam, S=Silt, SL=Silt Loam, SCL=Silty Clay Loam, CL=Clay Loam, C=Clay							
					Criteria Met: Yes		
VEGETATION							
Tree Stratum (55%)		Status	% Cover	Herbaceous Stratum (30%)		Status	% Cover
<i>Populus trichocarpa</i> *		FAC	50	<i>Dactylis glomerata</i> *		FACU	70
<i>Quercus garryana</i> *		UPL	20	<i>Galium aparine</i>		FACU	10
<i>Fraxinus latifolia</i>		FACW	10	<i>Festuca arundinacea</i> *		FAC-	20
<i>Pseudotsuga menziesii</i> *		FACU	20				
Shrub Stratum (10%)		Status	% Cover				
<i>Populus trichocarpa</i> *		FAC	30				
<i>Crataegus monogyna</i> *		FACU+	30	Woody Vine Stratum (5%)		Status	% Cover
<i>Amelanchier alnifolia</i>		FACU	10	<i>Rubus discolor</i> *		FACU	100
<i>Oemleria cerasiformis</i>		FACU	10				
<i>Ilex aquifolium</i>		UPL	10				
*Percent of dominant species FAC, FACW, or OBL:				25%		Criteria Met: No	
Comments:							
							Determination: Upland



Wetland Determination Data Form

Routine Onsite Method

Pacific Habitat Services, Inc.

Project: Molalla LWI		Number: 2250		Sample Site: BC-3B-27			
Applicant: City of Molalla		County: Clackamas		Date: 4/18/01			
Investigators: SE/FS		Township: 5S		Range: 2E Section: 7			
Do Normal Circumstances exist on this site?		Yes		Is the area a potential Problem Area?			
Is this an Atypical Situation?		No		No			
HYDROLOGY			Primary Indicators		Secondary Indicators		
			Inundated		Yes		
			Sat. in Upper 12"		Yes		
Depth of Surf. H2O 1 Inches			Water Marks		Ox. rhizospheres		
Depth to Free H2O 0 Inches			Drift Lines		H2O-stained leaves		
Depth to Saturation 0 Inches			Sediment Deposits		Local Soil Survey		
			Drainage patterns		FAC Neutral Test		
					Other		
					Criteria Met: Yes		
SOILS		Mapped Series: Dayton silt loam		Hydric Soil?: Yes			
		Classification: Typic Albaqualfs		Drainage Class: poorly drained			
Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations		Other Hydric Soil Field Indicators	Comments	
			Color	abundance/size/contrast			
0-9	10YR 3/2	SL	10YR 3/4	common, fine, faint			
9-14	10YR 3/1	SCL	10YR 4/2	common, medium, distinct			
			10YR 3/6	common, medium, prominent			
*SD=Sand, SDL=Sandy Loam, L=Loam, SDCL=Sandy Clay Loam, S=Silt, SL=Silt Loam, SCL=Silty Clay Loam, CL=Clay Loam, C=Clay							
						Criteria Met: Yes	
VEGETATION							
Tree Stratum (0%)		Status	% Cover	Herbaceous Stratum (100%)		Status	% Cover
				<i>Alopecurus pratensis</i> *		FACW	20
				<i>Anthoxanthum odoratum</i> *		FACU	20
				<i>Festuca arundinacea</i>		FAC-	10
				<i>Lotus corniculatus</i>		FAC	10
				<i>Festuca rubra</i> *		FAC+	20
				<i>Ranunculus repens</i>		FACW	5
Shrub Stratum (0%)		Status	% Cover	<i>Montia linearis</i>		NI	10
				<i>Hypochaeris radicata</i>		FACU	2
				Woody Vine Stratum (0%)		Status	% Cover
*Percent of dominant species FAC, FACW, or OBL:				67%		Criteria Met: Yes	
Comments:							
						Determination: Wetland	



Wetland Determination Data Form

Routine Onsite Method

Pacific Habitat Services, Inc.

Project: Molalla LWI		Number: 2250		Sample Site: BC-3B-28		
Applicant: City of Molalla		County: Clackamas		Date: 4/18/01		
Investigators: SE/FS		Township: 5S		Range: 2E Section: 7		
Do Normal Circumstances exist on this site? Yes		Is the area a potential Problem Area? No				
Is this an Atypical Situation? No						
HYDROLOGY		Primary Indicators		Secondary Indicators		
		Inundated		Ox. rhizospheres		
		Sat. in Upper 12"		H2O-stained leaves		
Depth of Surf. H2O Inches		Water Marks		Local Soil Survey		
Depth to Free H2O 14 Inches		Drift Lines		FAC Neutral Test		
Depth to Saturation >13 Inches		Sediment Deposits		Other		
		Drainage patterns		Criteria Met: No		
SOILS		Mapped Series: Dayton silt loam		Hydric Soil?: Yes		
		Classification: Typic Albaqualfs		Drainage Class: poorly drained		
Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations		Other Hydric Soil Field Indicators	Comments
			Color	abundance/size/contrast		
0-11	10YR 3/3	SL				
11-15	2.5Y 5/3	SL	10YR 3/6	common, medium, distinct		
*SD=Sand, SDL=Sandy Loam, L=Loam, SDCL=Sandy Clay Loam, S=Silt, SL=Silt Loam, SCL=Silty Clay Loam, CL=Clay Loam, C=Clay						
						Criteria Met: No
VEGETATION						
Tree Stratum (0%)		Status	% Cover	Herbaceous Stratum (100%)		Status % Cover
				<i>Anthoxanthum odoratum</i> *		FACU 75
				<i>Hypochaeris radicata</i>		FACU 10
				<i>Taraxacum officinale</i>		FACU 5
				<i>Rumex acetosella</i>		FACU+ 10
Shrub Stratum (0%)		Status	% Cover			
				Woody Vine Stratum (0%)		Status % Cover
*Percent of dominant species FAC, FACW, or OBL: 0%				Criteria Met: No		
Comments:						
						Determination: Upland



Wetland Determination Data Form

Routine Onsite Method

Pacific Habitat Services, Inc.

Project: Molalla LWI		Number: 2250		Sample Site: BC-5A-29			
Applicant: City of Molalla		County: Clackamas		Date: 4/18/01			
Investigators: SE/FS		Township: 5S		Range: 2E Section: 7			
Do Normal Circumstances exist on this site?		Yes		Is the area a potential Problem Area?			
Is this an Atypical Situation?		No		No			
HYDROLOGY		Primary Indicators		Secondary Indicators			
		Inundated Sat. in Upper 12" Water Marks Drift Lines Sediment Deposits Drainage patterns		Ox. rhizospheres H2O-stained leaves Local Soil Survey FAC Neutral Test Other depressional area			
Depth of Surf. H2O		Inches					
Depth to Free H2O	4	Inches					
Depth to Saturation	0	Inches					
				Criteria Met:	Yes		
SOILS		Mapped Series: Dayton silt loam		Hydric Soil?: Yes			
		Classification: Typic Albaqualfs		Drainage Class: poorly drained			
Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations		Other Hydric Soil Field Indicators	Comments	
			Color	abundance/size/contrast			
0-8	10YR 3/2	SL					
8-14	10YR 4/2	SL	10YR 3/4	common, medium, distinct		compact soil	
*SD=Sand, SDL=Sandy Loam, L=Loam, SDCL=Sandy Clay Loam, S=Silt, SL=Silt Loam, SCL=Silty Clay Loam, CL=Clay Loam, C=Clay							
					Criteria Met:	Yes	
VEGETATION							
Tree Stratum (40%)		Status	% Cover	Herbaceous Stratum (50%)		Status	% Cover
<i>Fraxinus latifolia</i> *		FACW	100	<i>Phalaris arundinacea</i> *		FACW	30
				<i>Juncus tenuis</i> *		FACW-	30
				<i>Holcus lanatus</i>		FAC	10
				<i>Carex densa</i>		OBL	5
				<i>Festuca arundinacea</i>		FAC-	10
				<i>Carex feta</i>		FACW	5
Shrub Stratum (5%)		Status	% Cover	<i>Agrostis tenuis</i>		FAC	5
<i>Crataegus monogyna</i> *		FACU+	70	Woody Vine Stratum (5%)		Status	% Cover
<i>Crataegus douglasii</i> *		FAC	20	<i>Rubus discolor</i> *		FACU	100
<i>Rhamnus purshiana</i>		FAC-	10				
*Percent of dominant species FAC, FACW, or OBL:				67%		Criteria Met:	Yes
Comments:							
					Determination:	Wetland	



Wetland Determination Data Form

Routine Onsite Method

Pacific Habitat Services, Inc.

Project: Molalla LWI		Number: 2250		Sample Site: BC-5B-30			
Applicant: City of Molalla		County: Clackamas		Date: 4/18/01			
Investigators: SE/FS		Township: 5S		Range: 2E Section: 7			
Do Normal Circumstances exist on this site? Yes		Is the area a potential Problem Area? No					
Is this an Atypical Situation? No							
HYDROLOGY		Primary Indicators		Secondary Indicators			
		Inundated		Ox. rhizospheres			
		Sat. in Upper 12" Yes		H2O-stained leaves			
Depth of Surf. H2O Inches		Water Marks		Local Soil Survey			
Depth to Free H2O 6 Inches		Drift Lines		FAC Neutral Test			
Depth to Saturation 4 Inches		Sediment Deposits		Other			
		Drainage patterns		Criteria Met: Yes			
SOILS		Mapped Series: Amity silt loam		Hydric Soil?: No			
		Classification: Argiaquic Xeric Argialbolls		Drainage Class: somewhat poorly drained			
Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations		Other Hydric Soil Field Indicators	Comments	
			Color	abundance/size/contrast			
0-9	2.5Y 3/2	SL					
9-14	2.5Y 3/2	SCL	10YR 4/6	common, medium, distinct			
*SD=Sand, SDL=Sandy Loam, L=Loam, SDCL=Sandy Clay Loam, S=Silt, SL=Silt Loam, SCL=Silty Clay Loam, CL=Clay Loam, C=Clay							
						Criteria Met: Yes	
VEGETATION							
Tree Stratum (0%)		Status	% Cover	Herbaceous Stratum (55%)		Status	% Cover
				<i>Juncus tenuis</i> *		FACW-	40
				<i>Plantago lanceolata</i> *		FAC	30
				<i>Festuca arundinacea</i>		FAC-	10
				<i>Chrysanthemum leucanthemum</i>		UPL	10
				<i>Hypochaeris radicata</i>		FACU	10
Shrub Stratum (45%)		Status	% Cover				
<i>Fraxinus latifolia</i> *		FACW	25				
<i>Crataegus monogyna</i> *		FACU+	25	Woody Vine Stratum (0%)		Status	% Cover
<i>Rosa pisocarpa</i> *		FAC	50				
*Percent of dominant species FAC, FACW, or OBL: 80%						Criteria Met: Yes	
Comments:							
						Determination: Wetland	



Wetland Determination Data Form

Routine Onsite Method

Pacific Habitat Services, Inc.

Project: Molalla LWI		Number: 2250		Sample Site: BC-6A-31	
Applicant: City of Molalla		County: Clackamas		Date: 6/6/01	
Investigators: SE/PF		Township: 5S		Range: 2E Section: 7	
Do Normal Circumstances exist on this site? Yes		Is the area a potential Problem Area? No			
Is this an Atypical Situation? No					
HYDROLOGY		Primary Indicators		Secondary Indicators	
		Inundated		Ox. rhizospheres Yes	
		Sat. in Upper 12"		H2O-stained leaves	
Depth of Surf. H2O Inches		Water Marks		Local Soil Survey	
Depth to Free H2O >12 Inches		Drift Lines		FAC Neutral Test	
Depth to Saturation >12 Inches		Sediment Deposits		Other _____	
		Drainage patterns Yes		Criteria Met: Yes	
SOILS		Mapped Series: Wapato silty clay loam		Hydric Soil?: Yes	
		Classification: Fluvaquentic Endoaquolls		Drainage Class: poorly drained	
Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations		Other Hydric Soil Field Indicators
			Color	abundance/size/contrast	Comments
0-12	10YR 3/2	SL	7.5YR 3/4	many, medium, distinct	
*SD=Sand, SDL=Sandy Loam, L=Loam, SDCL=Sandy Clay Loam, S=Silt, SL=Silt Loam, SCL=Silty Clay Loam, CL=Clay Loam, C=Clay					
					Criteria Met: Yes
VEGETATION					
Tree Stratum (10%)		Status	% Cover	Herbaceous Stratum (70%)	
<i>Fraxinus latifolia</i> *		FACW	40	<i>Phalaris arundinacea</i> *	
<i>Quercus garryana</i> *		UPL	60	<i>Galium aparine</i>	
				<i>Geranium molle</i>	
				<i>Vicia sativa</i>	
				<i>Carex unilateralis</i> *	
Shrub Stratum (15%)		Status	% Cover		
<i>Fraxinus latifolia</i> *		FACW	40		
<i>Crataegus monogyna</i>		FACU+	5	Woody Vine Stratum (5%)	
<i>Populus trichocarpa</i> *		FAC	55	<i>Rubus discolor</i> *	
				<i>Rubus laciniatus</i> *	
				FACU 60	
				FACU+ 40	
*Percent of dominant species FAC, FACW, or OBL:				63%	
					Criteria Met: Yes
Comments:					
					Determination: Wetland



Wetland Determination Data Form

Routine Onsite Method

Pacific Habitat Services, Inc.

Project: Molalla LWI		Number: 2250		Sample Site: BC-6A-32			
Applicant: City of Molalla		County: Clackamas		Date: 6/6/01			
Investigators: SE/PF		Township: 5S		Range: 2E Section: 7			
Do Normal Circumstances exist on this site? Yes		Is the area a potential Problem Area? No					
Is this an Atypical Situation? No							
HYDROLOGY		Primary Indicators		Secondary Indicators			
		Inundated		Ox. rhizospheres Yes			
		Sat. in Upper 12"		H2O-stained leaves			
Depth of Surf. H2O Inches		Water Marks		Local Soil Survey			
Depth to Free H2O >12 Inches		Drift Lines		FAC Neutral Test			
Depth to Saturation >12 Inches		Sediment Deposits		Other _____			
		Drainage patterns Yes		Criteria Met: Yes			
SOILS		Mapped Series: Wapato silty clay loam		Hydric Soil?: Yes			
		Classification: Fluvaquentic Endoaquolls		Drainage Class: poorly drained			
Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations		Other Hydric Soil Field Indicators	Comments	
			Color	abundance/size/contrast			
0-5	10YR 2/1	SL					
5-12	10YR 2/1	SCL	10YR 3/6	many, medium, distinct			
*SD=Sand, SDL=Sandy Loam, L=Loam, SDCL=Sandy Clay Loam, S=Silt, SL=Silt Loam, SCL=Silty Clay Loam, CL=Clay Loam, C=Clay							
						Criteria Met: Yes	
VEGETATION							
Tree Stratum (45%)		Status	% Cover	Herbaceous Stratum (30%)		Status	% Cover
<i>Fraxinus latifolia</i> *		FACW	100	<i>Phalaris arundinacea</i>		FACW	5
				<i>Myosotis laxa</i> *		OBL	30
				<i>Holcus lanatus</i>		FAC	15
				<i>Rumex crispus</i>		FAC+	5
				<i>Poa trivialis</i>		FACW	15
				<i>Callitriche stagnalis</i> *		OBL	30
Shrub Stratum (20%)		Status	% Cover	Woody Vine Stratum (5%)		Status	% Cover
<i>Fraxinus latifolia</i> *		FACW	100	<i>Rubus discolor</i> *		FACU	90
				<i>Solanum dulcamara</i>		FAC+	10
*Percent of dominant species FAC, FACW, or OBL: 80%				Criteria Met: Yes			
Comments:							
						Determination: Wetland	



Wetland Determination Data Form

Routine Onsite Method

Pacific Habitat Services, Inc.

Project: Molalla LWI		Number: 2250		Sample Site: BC-6B-33		
Applicant: City of Molalla		County: Clackamas		Date: 6/6/01		
Investigators: SE/PF		Township: 5S		Range: 2E Section: 7		
Do Normal Circumstances exist on this site? Yes		Is the area a potential Problem Area? No				
Is this an Atypical Situation? No						
HYDROLOGY		Primary Indicators		Secondary Indicators		
		Inundated		Ox. rhizospheres		
		Sat. in Upper 12"		H2O-stained leaves		
Depth of Surf. H2O Inches		Water Marks		Local Soil Survey		
Depth to Free H2O >16 Inches		Drift Lines		FAC Neutral Test		
Depth to Saturation >16 Inches		Sediment Deposits		Other _____		
		Drainage patterns Yes		Criteria Met: Yes		
SOILS		Mapped Series: Wapato silty clay loam		Hydric Soil?: Yes		
		Classification: Fluvaquentic Endoaquolls		Drainage Class: poorly drained		
Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations		Other Hydric Soil Field Indicators	Comments
			Color	abundance/size/contrast		
0-6	10YR 3/2	SCL				
6-16	10YR 3/2	SCL	7.5YR 3/3	common, medium, distinct		
*SD=Sand, SDL=Sandy Loam, L=Loam, SDCL=Sandy Clay Loam, S=Silt, SL=Silt Loam, SCL=Silty Clay Loam, CL=Clay Loam, C=Clay						
						Criteria Met: Yes
VEGETATION						
Tree Stratum (0%)		Status	% Cover	Herbaceous Stratum (90%)		Status % Cover
				<i>Carex stipata</i> *		OBL 20
				<i>Geum macrophyllum</i>		FACW- 10
				<i>Carex feta</i>		FACW 20
				<i>Festuca arundinacea</i> *		FAC- 30
				<i>Holcus lanatus</i> *		FAC 20
Shrub Stratum (5%)		Status	% Cover	Woody Vine Stratum (5%)		Status % Cover
<i>Fraxinus latifolia</i> *		FACW	60			
<i>Crataegus monogyna</i> *		FACU+	40	<i>Rubus ursinus</i> *		FACU 100
*Percent of dominant species FAC, FACW, or OBL: 57%				Criteria Met: Yes		
Comments:						
						Determination: Wetland



Wetland Determination Data Form

Routine Onsite Method

Pacific Habitat Services, Inc.

Project: Molalla LWI		Number: 2250		Sample Site: BC-6B-34			
Applicant: City of Molalla		County: Clackamas		Date: 6/6/01			
Investigators: SE/PF		Township: 5S		Range: 2E Section: 7			
Do Normal Circumstances exist on this site? Yes		Is the area a potential Problem Area? No					
Is this an Atypical Situation? No							
HYDROLOGY		Primary Indicators		Secondary Indicators			
		Inundated		Ox. rhizospheres			
		Sat. in Upper 12"		H2O-stained leaves			
Depth of Surf. H2O Inches		Water Marks		Local Soil Survey			
Depth to Free H2O >16 Inches		Drift Lines		FAC Neutral Test			
Depth to Saturation >16 Inches		Sediment Deposits		Other _____			
		Drainage patterns		Criteria Met: No			
SOILS		Mapped Series: Wapato silty clay loam		Hydric Soil?: Yes			
		Classification: Fluvaquentic Endoaquolls		Drainage Class: poorly drained			
Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations		Other Hydric Soil Field Indicators	Comments	
			Color	abundance/size/contrast			
0-10	10YR 3/2	SCL					
10-16	10YR 3/2	SCL	7.5YR 3/3	common, medium, faint			
*SD=Sand, SDL=Sandy Loam, L=Loam, SDCL=Sandy Clay Loam, S=Silt, SL=Silt Loam, SCL=Silty Clay Loam, CL=Clay Loam, C=Clay							
						Criteria Met: Yes	
VEGETATION							
Tree Stratum (0%)		Status	% Cover	Herbaceous Stratum (90%)		Status	% Cover
				<i>Festuca arundinacea</i> *		FAC-	50
				<i>Holcus lanatus</i> *		FAC	20
				<i>Agrostis tenuis</i>		FAC	10
				<i>Chrysanthemum leucanthemum</i>		UPL	10
				<i>Carex feta</i>		FACW	10
Shrub Stratum (5%)		Status	% Cover	Woody Vine Stratum (5%)		Status	% Cover
<i>Fraxinus latifolia</i> *		FACW	20				
<i>Crataegus monogyna</i> *		FACU+	80	<i>Rubus ursinus</i> *		FACU	100
*Percent of dominant species FAC, FACW, or OBL: 40%						Criteria Met: No	
Comments:							
						Determination: Upland	



Wetland Determination Data Form

Routine Onsite Method

Pacific Habitat Services, Inc.

Project: Molalla LWI		Number: 2250		Sample Site: BC-7-35			
Applicant: City of Molalla		County: Clackamas		Date: 4/20/01			
Investigators: PF/CR		Township: 5S		Range: 2E Section: 8			
Do Normal Circumstances exist on this site? Yes		Is the area a potential Problem Area? No					
Is this an Atypical Situation? No							
HYDROLOGY		Primary Indicators		Secondary Indicators			
		Inundated		Ox. rhizospheres			
		Sat. in Upper 12"		H2O-stained leaves			
Depth of Surf. H2O Inches		Water Marks		Local Soil Survey			
Depth to Free H2O >14 Inches		Drift Lines		FAC Neutral Test			
Depth to Saturation >14 Inches		Sediment Deposits		Other _____			
		Drainage patterns		Criteria Met: No			
SOILS		Mapped Series: Dayton silt loam		Hydric Soil?: Yes			
		Classification: Typic Albaqualfs		Drainage Class: poorly drained			
Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations		Other Hydric Soil Field Indicators	Comments	
			Color	abundance/size/contrast			
0-14	10YR 3/3	SL				angular rocks	
*SD=Sand, SDL=Sandy Loam, L=Loam, SDCL=Sandy Clay Loam, S=Silt, SL=Silt Loam, SCL=Silty Clay Loam, CL=Clay Loam, C=Clay							
						Criteria Met: No	
VEGETATION							
Tree Stratum (0%)		Status	% Cover	Herbaceous Stratum (100%)		Status	% Cover
				<i>Festuca arundinacea*</i>		FAC-	30
				<i>Hypochaeris radicata</i>		FACU	10
				<i>Poa annua*</i>		FAC	20
				<i>Taraxacum officinale</i>		FACU	10
				<i>Poa pratensis*</i>		FAC	20
				<i>Agrostis tenuis</i>		FAC	5
Shrub Stratum (0%)		Status	% Cover	<i>Trifolium repens</i>		FAC	5
				Woody Vine Stratum		Status	% Cover
*Percent of dominant species FAC, FACW, or OBL: 67%				Criteria Met: Yes			
Comments:							
						Determination: Upland	



Wetland Determination Data Form

Routine Onsite Method

Pacific Habitat Services, Inc.

Project: Molalla LWI		Number: 2250		Sample Site: BC-7-36			
Applicant: City of Molalla		County: Clackamas		Date: 4/20/01			
Investigators: SE/FS		Township: 5S		Range: 2E Section: 8			
Do Normal Circumstances exist on this site? Yes		Is the area a potential Problem Area? No					
Is this an Atypical Situation? No							
HYDROLOGY		Primary Indicators		Secondary Indicators			
		Inundated		Ox. rhizospheres Yes			
Depth of Surf. H2O Inches		Sat. in Upper 12" Yes		H2O-stained leaves			
Depth to Free H2O 8 Inches		Water Marks		Local Soil Survey			
Depth to Saturation 0 Inches		Drift Lines		FAC Neutral Test			
		Sediment Deposits		Other			
		Drainage patterns Yes		Criteria Met: Yes			
SOILS		Mapped Series: Dayton silt loam		Hydric Soil?: Yes			
		Classification: Typic Albaqualfs		Drainage Class: poorly drained			
Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations		Other Hydric Soil Field Indicators	Comments	
			Color	abundance/size/contrast			
0-8	10YR 3/2	SCL	10YR 4/6	few, medium, distinct			
8-16	10YR 2/1	C					
*SD=Sand, SDL=Sandy Loam, L=Loam, SDCL=Sandy Clay Loam, S=Silt, SL=Silt Loam, SCL=Silty Clay Loam, CL=Clay Loam, C=Clay							
Criteria Met:						Yes	
VEGETATION							
Tree Stratum (0%)		Status	% Cover	Herbaceous Stratum (100%)		Status	% Cover
				<i>Juncus effusus</i> *		FACW	50
				<i>Carex praticola</i> *		FACW	20
				<i>Alopecurus pratensis</i> *		FACW	20
				<i>Phalaris arundinacea</i>		FACW	10
Shrub Stratum (0%)		Status	% Cover	Woody Vine Stratum		Status	% Cover
*Percent of dominant species FAC, FACW, or OBL: 100%				Criteria Met:		Yes	
Comments:							
Determination:						Wetland	



Wetland Determination Data Form

Routine Onsite Method

Pacific Habitat Services, Inc.

Project: Molalla LWI		Number: 2250		Sample Site: BC-7-37			
Applicant: City of Molalla		County: Clackamas		Date: 4/20/01			
Investigators: PF/CR		Township: 5S		Range: 2E Section: 8			
Do Normal Circumstances exist on this site? Yes		Is the area a potential Problem Area? No					
Is this an Atypical Situation? No							
HYDROLOGY		Primary Indicators		Secondary Indicators			
		Inundated		Ox. rhizospheres			
		Sat. in Upper 12"		H2O-stained leaves			
Depth of Surf. H2O Inches		Water Marks		Local Soil Survey			
Depth to Free H2O >14 Inches		Drift Lines		FAC Neutral Test			
Depth to Saturation >14 Inches		Sediment Deposits		Other _____			
		Drainage patterns		Criteria Met: No			
SOILS		Mapped Series: Dayton silt loam		Hydric Soil?: Yes			
		Classification: Typic Albaqualfs		Drainage Class: poorly drained			
Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations		Other Hydric Soil Field Indicators	Comments	
			Color	abundance/size/contrast			
0-14	10YR 3/2 10YR 5/3	SCL					
*SD=Sand, SDL=Sandy Loam, L=Loam, SDCL=Sandy Clay Loam, S=Silt, SL=Silt Loam, SCL=Silty Clay Loam, CL=Clay Loam, C=Clay							
						Criteria Met: No	
VEGETATION							
Tree Stratum (0%)		Status	% Cover	Herbaceous Stratum (100%)		Status	% Cover
				<i>Festuca arundinacea</i> * <i>Hypochaeris radicata</i> <i>Vicia sativa</i> * <i>Cerastium vulgatum</i> <i>Tanacetum vulgare</i>		FAC-	50
						FACU	10
						UPL	20
						FACU	10
						NI	10
Shrub Stratum (0%)		Status	% Cover	Woody Vine Stratum		Status	% Cover
*Percent of dominant species FAC, FACW, or OBL: 0%						Criteria Met: No	
Comments:							
						Determination: Upland	



Wetland Determination Data Form

Routine Onsite Method

Pacific Habitat Services, Inc.

Project: Molalla LWI		Number: 2250		Sample Site: BC-7-38			
Applicant: City of Molalla		County: Clackamas		Date: 4/20/01			
Investigators: PF/CR		Township: 5S		Range: 2E Section: 8			
Do Normal Circumstances exist on this site? Yes		Is the area a potential Problem Area? No					
Is this an Atypical Situation? No							
HYDROLOGY		Primary Indicators		Secondary Indicators			
		Inundated Yes		Ox. rhizospheres Yes			
		Sat. in Upper 12" Yes		H2O-stained leaves			
Depth of Surf. H2O 5 Inches		Water Marks		Local Soil Survey			
Depth to Free H2O Inches		Drift Lines		FAC Neutral Test			
Depth to Saturation Inches		Sediment Deposits		Other _____			
		Drainage patterns Yes		Criteria Met: Yes			
SOILS		Mapped Series: Dayton silt loam		Hydric Soil?: Yes			
		Classification: Typic Albaqualfs		Drainage Class: poorly drained			
Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations		Other Hydric Soil Field Indicators	Comments	
			Color	abundance/size/contrast			
0-14	10YR 3/1	SL					
*SD=Sand, SDL=Sandy Loam, L=Loam, SDCL=Sandy Clay Loam, S=Silt, SL=Silt Loam, SCL=Silty Clay Loam, CL=Clay Loam, C=Clay							
Criteria Met:						Yes	
VEGETATION							
Tree Stratum (0%)		Status	% Cover	Herbaceous Stratum (90%)		Status	% Cover
				<i>Phalaris arundinacea</i> *		FACW	100
Shrub Stratum (10%)		Status	% Cover				
<i>Crataegus douglasii</i> *		FAC	100	Woody Vine Stratum		Status	% Cover
*Percent of dominant species FAC, FACW, or OBL: 100%				Criteria Met: Yes			
Comments: excavated drainage channel							
Determination:						Wetland	



Wetland Determination Data Form

Routine Onsite Method

Pacific Habitat Services, Inc.

Project: Molalla LWI		Number: 2250		Sample Site: BC-8-39			
Applicant: City of Molalla		County: Clackamas		Date: 4/20/01			
Investigators: PF/CR		Township: 5S		Range: 2E Section: 8			
Do Normal Circumstances exist on this site? Yes		Is the area a potential Problem Area? No					
Is this an Atypical Situation? No							
HYDROLOGY		Primary Indicators		Secondary Indicators			
		Inundated		Ox. rhizospheres			
		Sat. in Upper 12"		H2O-stained leaves			
Depth of Surf. H2O Inches		Water Marks		Local Soil Survey			
Depth to Free H2O >18 Inches		Drift Lines		FAC Neutral Test			
Depth to Saturation >18 Inches		Sediment Deposits		Other			
		Drainage patterns		Criteria Met: No			
SOILS		Mapped Series: Dayton silt loam		Hydric Soil?: Yes			
		Classification: Typic Albaqualfs		Drainage Class: poorly drained			
Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations		Other Hydric Soil Field Indicators	Comments	
			Color	abundance/size/contrast			
0-3	10YR 3/3	SL					
3-12	10YR 3/2	C					
12+	10YR 4/3	SCL					
*SD=Sand, SDL=Sandy Loam, L=Loam, SDCL=Sandy Clay Loam, S=Silt, SL=Silt Loam, SCL=Silty Clay Loam, CL=Clay Loam, C=Clay							
						Criteria Met: No	
VEGETATION							
Tree Stratum (0%)		Status	% Cover	Herbaceous Stratum (100%)		Status	% Cover
				<i>Festuca arundinacea</i> * <i>Vicia tetrasperma</i>		FAC-	90
						UPL	10
Shrub Stratum (0%)		Status	% Cover	Woody Vine Stratum		Status	% Cover
*Percent of dominant species FAC, FACW, or OBL: 0%						Criteria Met: No	
Comments:							
						Determination: Upland	



Wetland Determination Data Form

Routine Onsite Method

Pacific Habitat Services, Inc.

Project: Molalla LWI		Number: 2250		Sample Site: BC-8-40			
Applicant: City of Molalla		County: Clackamas		Date: 4/20/01			
Investigators: PF/CR		Township: 5S		Range: 2E Section: 8			
Do Normal Circumstances exist on this site? Yes		Is the area a potential Problem Area? No					
Is this an Atypical Situation? No							
HYDROLOGY		Primary Indicators		Secondary Indicators			
		Inundated Yes		Ox. rhizospheres Yes			
		Sat. in Upper 12" Yes		H2O-stained leaves			
Depth of Surf. H2O 6 Inches		Water Marks		Local Soil Survey			
Depth to Free H2O Inches		Drift Lines		FAC Neutral Test			
Depth to Saturation 0 Inches		Sediment Deposits		Other 			
		Drainage patterns Yes		Criteria Met: Yes			
SOILS		Mapped Series: Dayton silt loam		Hydric Soil?: Yes			
		Classification: Typic Albaqualfs		Drainage Class: poorly drained			
Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations		Other Hydric Soil Field Indicators	Comments	
			Color	abundance/size/contrast			
0-8	10YR 4/2	SCL	7.5YR 4/6	many, medium, prominent	H2S odor	refused at 8 inches due to cobble	
*SD=Sand, SDL=Sandy Loam, L=Loam, SDCL=Sandy Clay Loam, S=Silt, SL=Silt Loam, SCL=Silty Clay Loam, CL=Clay Loam, C=Clay						Criteria Met: Yes	
VEGETATION							
Tree Stratum (0%)		Status	% Cover	Herbaceous Stratum (100%)		Status	% Cover
				<i>Typha latifolia</i> *		OBL	40
				<i>Lotus corniculatus</i> *		FAC	20
				<i>Alopecurus pratensis</i> *		FACW	20
				<i>Alopecurus geniculatus</i> *		OBL	20
Shrub Stratum (0%)		Status	% Cover	Woody Vine Stratum		Status	% Cover
*Percent of dominant species FAC, FACW, or OBL: 100%						Criteria Met: Yes	
Comments: excavated pond							
						Determination: Wetland	



Wetland Determination Data Form

Routine Onsite Method

Pacific Habitat Services, Inc.

Project: Molalla LWI		Number: 2250		Sample Site: BC-9-41			
Applicant: City of Molalla		County: Clackamas		Date: 5/24/01			
Investigators: SE/FS		Township: 5S		Range: 2E Section: 8			
Do Normal Circumstances exist on this site? Yes		Is the area a potential Problem Area? No					
Is this an Atypical Situation? No							
HYDROLOGY		Primary Indicators		Secondary Indicators			
		Inundated		Ox. rhizospheres			
		Sat. in Upper 12"		H2O-stained leaves			
Depth of Surf. H2O Inches		Water Marks		Local Soil Survey			
Depth to Free H2O >14 Inches		Drift Lines		FAC Neutral Test			
Depth to Saturation >14 Inches		Sediment Deposits		Other _____			
		Drainage patterns Yes		Criteria Met: Yes			
SOILS		Mapped Series: Dayton silt loam		Hydric Soil?: Yes			
		Classification: Typic Albaqualfs		Drainage Class: poorly drained			
Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations		Other Hydric Soil Field Indicators	Comments	
			Color	abundance/size/contrast			
0-9	10YR 3/1	SL	10YR 3/3	few, fine, faint			
9-14	10YR 3/1	SL	10YR 4/4	common, medium, distinct			
*SD=Sand, SDL=Sandy Loam, L=Loam, SDCL=Sandy Clay Loam, S=Silt, SL=Silt Loam, SCL=Silty Clay Loam, CL=Clay Loam, C=Clay							
						Criteria Met: Yes	
VEGETATION							
Tree Stratum (0%)		Status	% Cover	Herbaceous Stratum (100%)		Status	% Cover
				<i>Holcus lanatus</i>		FAC	5
				<i>Alopecurus pratensis</i> *		FACW	70
				<i>Poa trivialis</i> *		FACW	20
Shrub Stratum (0%)		Status	% Cover	Woody Vine Stratum (0%)		Status	% Cover
*Percent of dominant species FAC, FACW, or OBL: 100%						Criteria Met: Yes	
Comments:						Determination: Wetland	



Wetland Determination Data Form

Routine Onsite Method

Pacific Habitat Services, Inc.

Project: Molalla LWI		Number: 2250		Sample Site: BC-9-42			
Applicant: City of Molalla		County: Clackamas		Date: 5/24/01			
Investigators: SE/FS		Township: 5S		Range: 2E Section: 8			
Do Normal Circumstances exist on this site? Yes		Is the area a potential Problem Area? No					
Is this an Atypical Situation? No							
HYDROLOGY		Primary Indicators		Secondary Indicators			
		Inundated		Ox. rhizospheres			
		Sat. in Upper 12"		H2O-stained leaves			
Depth of Surf. H2O Inches		Water Marks		Local Soil Survey			
Depth to Free H2O >12 Inches		Drift Lines		FAC Neutral Test			
Depth to Saturation >12 Inches		Sediment Deposits		Other _____			
		Drainage patterns		Criteria Met: No			
SOILS		Mapped Series: Dayton silt loam		Hydric Soil?: Yes			
		Classification: Typic Albaqualfs		Drainage Class: poorly drained			
Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations		Other Hydric Soil Field Indicators	Comments	
			Color	abundance/size/contrast			
0-12	10YR 2/2	SL					
*SD=Sand, SDL=Sandy Loam, L=Loam, SDCL=Sandy Clay Loam, S=Silt, SL=Silt Loam, SCL=Silty Clay Loam, CL=Clay Loam, C=Clay							
						Criteria Met: No	
VEGETATION							
Tree Stratum (30%)		Status	% Cover	Herbaceous Stratum (70%)		Status	% Cover
<i>Quercus garryana</i> *		UPL	100	<i>Festuca arundinacea</i> *		FAC-	30
				<i>Dactylis glomerata</i> *		FACU	25
				<i>Poa pratensis</i> *		FAC	30
				<i>Vicia sativa</i>		UPL	15
Shrub Stratum (0%)		Status	% Cover	Woody Vine Stratum (0%)		Status	% Cover
*Percent of dominant species FAC, FACW, or OBL: 25%						Criteria Met: No	
Comments:							
						Determination: Upland	



Wetland Determination Data Form

Routine Onsite Method

Pacific Habitat Services, Inc.

Project: Molalla LWI		Number: 2250		Sample Site: BC-10-43			
Applicant: City of Molalla		County: Clackamas		Date: 4/20/01			
Investigators: PF/CR		Township: 5S		Range: 2E Section: 8			
Do Normal Circumstances exist on this site?		Yes		Is the area a potential Problem Area?			
Is this an Atypical Situation?		No		No			
HYDROLOGY			Primary Indicators		Secondary Indicators		
			Inundated		Ox. rhizospheres		
Depth of Surf. H2O Inches			Sat. in Upper 12" Yes		H2O-stained leaves Yes		
Depth to Free H2O 5 Inches			Water Marks		Local Soil Survey		
Depth to Saturation 0 Inches			Drift Lines		FAC Neutral Test		
			Sediment Deposits		Other _____		
			Drainage patterns		Criteria Met: Yes		
SOILS			Mapped Series: Dayton silt loam		Hydric Soil?: Yes		
			Classification: Typic Albaqualfs		Drainage Class: poorly drained		
Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations		Other Hydric Soil Field Indicators	Comments	
			Color	abundance/size/contrast			
0-14	10YR 2/1	SCL					
*SD=Sand, SDL=Sandy Loam, L=Loam, SDCL=Sandy Clay Loam, S=Silt, SL=Silt Loam, SCL=Silty Clay Loam, CL=Clay Loam, C=Clay							
						Criteria Met: Yes	
VEGETATION							
Tree Stratum (0%)		Status	% Cover	Herbaceous Stratum (100%)		Status	% Cover
				<i>Alopecurus pratensis</i> *		FACW	50
				<i>Carex praticola</i> *		FACW	20
				<i>Agrostis stolonifera</i> *		FAC	20
				<i>Festuca arundinacea</i>		FAC-	10
Shrub Stratum (0%)		Status	% Cover	Woody Vine Stratum		Status	% Cover
*Percent of dominant species FAC, FACW, or OBL: 100%				Criteria Met: Yes			
Comments:							
						Determination: Wetland	



Wetland Determination Data Form

Routine Onsite Method

Pacific Habitat Services, Inc.

Project: Molalla LWI		Number: 2250		Sample Site: BC-10-44		
Applicant: City of Molalla		County: Clackamas		Date: 4/20/01		
Investigators: PF/CR		Township: 5S		Range: 2E Section: 8		
Do Normal Circumstances exist on this site?		Yes		Is the area a potential Problem Area?		
Is this an Atypical Situation?		No		No		
HYDROLOGY			Primary Indicators		Secondary Indicators	
			Inundated		Ox. rhizospheres	
			Sat. in Upper 12"		H2O-stained leaves	
Depth of Surf. H2O Inches			Water Marks		Local Soil Survey	
Depth to Free H2O >14 Inches			Drift Lines		FAC Neutral Test	
Depth to Saturation >14 Inches			Sediment Deposits		Other	
			Drainage patterns		Criteria Met: No	
SOILS		Mapped Series: Dayton silt loam		Hydric Soil?: Yes		
		Classification: Typic Albaqualfs		Drainage Class: poorly drained		
Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations		Other Hydric Soil Field Indicators	Comments
			Color	abundance/size/contrast		
0-14	10YR 3/2	SL				with cobble
*SD=Sand, SDL=Sandy Loam, L=Loam, SDCL=Sandy Clay Loam, S=Silt, SL=Silt Loam, SCL=Silty Clay Loam, CL=Clay Loam, C=Clay						
						Criteria Met: No
VEGETATION						
Tree Stratum (0%)		Status	% Cover	Herbaceous Stratum (70%)		Status % Cover
				<i>Festuca arundinacea</i>		FAC- 10
				<i>Galium aparine*</i>		FACU 20
				<i>Cirsium arvense*</i>		FACU+ 30
				<i>Vicia tetrasperma*</i>		UPL 20
				<i>Holcus lanatus</i>		FAC 10
				<i>Geranium molle</i>		UPL 10
Shrub Stratum (10%)		Status	% Cover	Woody Vine Stratum (20%)		Status % Cover
<i>Cytisus scoparius</i>		UPL	100	<i>Rubus discolor*</i>		FACU 50
				<i>Rubus ursinus*</i>		FACU 50
*Percent of dominant species FAC, FACW, or OBL:				0%		Criteria Met: No
Comments:						Determination: Upland



Wetland Determination Data Form

Routine Onsite Method

Pacific Habitat Services, Inc.

Project: Molalla LWI		Number: 2250		Sample Site: BC-12A-45			
Applicant: City of Molalla		County: Clackamas		Date: 4/18/01			
Investigators: SE/FS		Township: 5S		Range: 2E Section: 7			
Do Normal Circumstances exist on this site? Yes		Is the area a potential Problem Area? No					
Is this an Atypical Situation? No							
HYDROLOGY		Primary Indicators		Secondary Indicators			
		Inundated		Ox. rhizospheres			
		Sat. in Upper 12"		H2O-stained leaves			
Depth of Surf. H2O Inches		Water Marks		Local Soil Survey			
Depth to Free H2O >13 Inches		Drift Lines		FAC Neutral Test			
Depth to Saturation >13 Inches		Sediment Deposits		Other			
		Drainage patterns		Criteria Met: No			
SOILS		Mapped Series: Wapato silty clay loam		Hydric Soil?: Yes			
		Classification: Fluvaquentic Endoaquolls		Drainage Class: poorly drained			
Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations		Other Hydric Soil Field Indicators	Comments	
			Color	abundance/size/contrast			
0-13	10YR 3/2	SL					
*SD=Sand, SDL=Sandy Loam, L=Loam, SDCL=Sandy Clay Loam, S=Silt, SL=Silt Loam, SCL=Silty Clay Loam, CL=Clay Loam, C=Clay							
						Criteria Met: No	
VEGETATION							
Tree Stratum (15%)		Status	% Cover	Herbaceous Stratum (35%)		Status	% Cover
		UPL	100	<i>Geranium robertianum</i> <i>Vicia sativa</i> * <i>Agrostis tenuis</i> * <i>Festuca arundinacea</i> *		UPL	15
						UPL	20
						FAC	35
						FAC-	30
Shrub Stratum (20%)		Status	% Cover	Woody Vine Stratum (30%)		Status	% Cover
<i>Crataegus monogyna</i> * <i>Amelanchier alnifolia</i> *		FACU+	35	<i>Rubus discolor</i> *		FACU	100
		FACU	65				
*Percent of dominant species FAC, FACW, or OBL: 14%				Criteria Met: No			
Comments:							
						Determination: Upland	



Wetland Determination Data Form

Routine Onsite Method

Pacific Habitat Services, Inc.

Project: Molalla LWI		Number: 2250		Sample Site: BC-12A-46		
Applicant: City of Molalla		County: Clackamas		Date: 4/18/01		
Investigators: SE/FS		Township: 5S		Range: 2E Section: 7		
Do Normal Circumstances exist on this site?		Yes		Is the area a potential Problem Area?		
Is this an Atypical Situation?		No		No		
HYDROLOGY			Primary Indicators		Secondary Indicators	
			Inundated		Ox. rhizospheres Yes	
			Sat. in Upper 12"		Yes H20-stained leaves	
Depth of Surf. H2O Inches			Water Marks		Local Soil Survey	
Depth to Free H2O 5 Inches			Drift Lines		FAC Neutral Test	
Depth to Saturation 0 Inches			Sediment Deposits		Other Evidence of ponding	
			Drainage patterns		Criteria Met: Yes	
SOILS		Mapped Series: Wapato silty clay loam		Hydric Soil?: Yes		
		Classification: Fluvaquentic Endoaquolls		Drainage Class: poorly drained		
Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations		Other Hydric Soil Field Indicators	Comments
			Color	abundance/size/contrast		
0-14	2.5Y 3/1	SL	10YR 3/6	many, medium, distinct		
*SD=Sand, SDL=Sandy Loam, L=Loam, SDCL=Sandy Clay Loam, S=Silt, SL=Silt Loam, SCL=Silty Clay Loam, CL=Clay Loam, C=Clay						
						Criteria Met: Yes
VEGETATION						
Tree Stratum (25%)		Status	% Cover	Herbaceous Stratum (50%)		Status % Cover
<i>Fraxinus latifolia</i> *		FACW	100	<i>Alopecurus pratensis</i> *		FACW 100
Shrub Stratum (20%)		Status	% Cover	Woody Vine Stratum (5%)		Status % Cover
<i>Crataegus monogyna</i> *		FACU+	65	<i>Rubus discolor</i> *		FACU 100
<i>Rosa pisocarpa</i> *		FAC	35			
*Percent of dominant species FAC, FACW, or OBL: 60%				Criteria Met: Yes		
Comments:						
						Determination: Wetland



Wetland Determination Data Form

Routine Onsite Method

Pacific Habitat Services, Inc.

Project: Molalla LWI		Number: 2250		Sample Site: BC-12B-47		
Applicant: City of Molalla		County: Clackamas		Date: 5/24/01		
Investigators: SE/FS		Township: 5S		Range: 2E Section: 8		
Do Normal Circumstances exist on this site? Yes		Is the area a potential Problem Area? No				
Is this an Atypical Situation? No						
HYDROLOGY		Primary Indicators		Secondary Indicators		
		Inundated		Ox. rhizospheres Yes		
		Sat. in Upper 12" Yes		H2O-stained leaves		
Depth of Surf. H2O Inches		Water Marks		Local Soil Survey		
Depth to Free H2O >14 Inches		Drift Lines		FAC Neutral Test		
Depth to Saturation 9 Inches		Sediment Deposits		Other		
		Drainage patterns Yes		Criteria Met: Yes		
SOILS		Mapped Series: Dayton silt loam		Hydric Soil?: Yes		
		Classification: Typic Albaqualfs		Drainage Class: poorly drained		
Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations		Other Hydric Soil Field Indicators	Comments
			Color	abundance/size/contrast		
0-9	10YR 3/1	SL	7.5YR 3/4	few, fine, distinct		gravelly
9-14	10YR 3/1	SL	7.5YR 3/4	few, fine, distinct		
*SD=Sand, SDL=Sandy Loam, L=Loam, SDCL=Sandy Clay Loam, S=Silt, SL=Silt Loam, SCL=Silty Clay Loam, CL=Clay Loam, C=Clay						
						Criteria Met: Yes
VEGETATION						
Tree Stratum (0%)		Status	% Cover	Herbaceous Stratum (100%)		Status % Cover
				<i>Phalaris arundinacea*</i>		FACW 20
				<i>Alopecurus pratensis*</i>		FACW 30
				<i>Poa trivialis*</i>		FACW 20
				<i>Festuca arundinacea</i>		FAC- 15
				<i>Carex feta</i>		FACW 2
				<i>Rumex salicifolius</i>		FACW 2
Shrub Stratum (0%)		Status	% Cover	<i>Holcus lanatus</i>		FAC 5
				<i>Cirsium vulgare</i>		FACU 2
				Woody Vine Stratum (0%)		Status % Cover
*Percent of dominant species FAC, FACW, or OBL: 100%				Criteria Met: Yes		
Comments:						
						Determination: Wetland



Wetland Determination Data Form

Routine Onsite Method

Pacific Habitat Services, Inc.

Project: Molalla LWI		Number: 2250		Sample Site BC-12B-48	
Applicant: City of Molalla		County: Clackamas		Date: 5/24/01	
Investigators: SE/FS		Township: 5S		Range: 2E Section: 8	
Do Normal Circumstances exist on this site? Yes		Is the area a potential Problem Area? No			
Is this an Atypical Situation? No					
HYDROLOGY		Primary Indicators		Secondary Indicators	
		Inundated		Ox. rhizospheres	
		Sat. in Upper 12"		H2O-stained leaves	
Depth of Surf. H2O Inches		Water Marks		Local Soil Survey	
Depth to Free H2O >12 Inches		Drift Lines		FAC Neutral Test	
Depth to Saturation >12 Inches		Sediment Deposits		Other _____	
		Drainage patterns		Criteria Met: No	
SOILS		Mapped Series: Dayton silt loam		Hydric Soil?: Yes	
		Classification: Typic Albaqualfs		Drainage Class: poorly drained	
Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations		Other Hydric Soil Field Indicators
			Color	abundance/size/contrast	Comments
0-12	10YR 4/2	SL			
*SD=Sand, SDL=Sandy Loam, L=Loam, SDCL=Sandy Clay Loam, S=Silt, SL=Silt Loam, SCL=Silty Clay Loam, CL=Clay Loam, C=Clay					
					Criteria Met: No
VEGETATION					
Tree Stratum (0%)		Status	% Cover	Herbaceous Stratum (90%)	
				<i>Cirsium vulgare*</i>	FACU 25
				<i>Rumex acetosella</i>	FACU+ 15
				<i>Plantago lanceolata</i>	FAC 15
				<i>Holcus lanatus</i>	FAC 10
				<i>Alopecurus geniculatus</i>	OBL 13
				<i>Festuca arundinacea</i>	FAC- 5
Shrub Stratum (5%)		Status	% Cover	<i>Trifolium repens</i>	
				<i>Daucus carota*</i>	
		UPL	100		
				Woody Vine Stratum (5%)	
				<i>Rubus discolor*</i>	FACU 100
*Percent of dominant species FAC, FACW, or OBL: 0%					Criteria Met: No
Comments:					
					Determination: Upland



Wetland Determination Data Form

Routine Onsite Method

Pacific Habitat Services, Inc.

Project: Molalla LWI		Number: 2250		Sample Site: BC-12B-49			
Applicant: City of Molalla		County: Clackamas		Date: 4/25/01			
Investigators: SE/FS		Township: 5S Range: 2E		Section: 8			
Do Normal Circumstances exist on this site? Yes		Is the area a potential Problem Area? No					
Is this an Atypical Situation? No							
HYDROLOGY		Primary Indicators		Secondary Indicators			
		Inundated		Ox. rhizospheres Yes			
Depth of Surf. H2O Inches		Sat. in Upper 12" Yes		H2O-stained leaves			
Depth to Free H2O 0 Inches		Water Marks		Local Soil Survey			
Depth to Saturation 0 Inches		Drift Lines		FAC Neutral Test			
		Sediment Deposits		Other _____			
		Drainage patterns Yes		Criteria Met: Yes			
SOILS		Mapped Series: Dayton silt loam		Hydric Soil?: Yes			
		Classification: Typic Albaqualfs		Drainage Class: poorly drained			
Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations		Other Hydric Soil Field Indicators	Comments	
			Color	abundance/size/contrast			
0-5	10YR 3/2	SL					
5-10	10YR 3/1	SL	7.5YR 3/4	common, medium, distinct			
10-14	10YR 2.5/1	SL	7.5YR 3/4	few, medium, distinct		gravel	
*SD=Sand, SDL=Sandy Loam, L=Loam, SDCL=Sandy Clay Loam, S=Silt, SL=Silt Loam, SCL=Silty Clay Loam, CL=Clay Loam, C=Clay							
Criteria Met:						Yes	
VEGETATION							
Tree Stratum	(0%)	Status	% Cover	Herbaceous Stratum	(100%)	Status	% Cover
				<i>Juncus effusus</i> *		FACW	35
				<i>Alopecurus pratensis</i>		FACW	10
				<i>Agrostis stolonifera</i> *		FAC	20
				<i>Festuca arundinacea</i> *		FAC-	20
				<i>Veronica americana</i>		OBL	3
				<i>Carex feta</i>		FACW	10
Shrub Stratum	(0%)	Status	% Cover	<i>Stachys cooleyae</i>		FACW	2
				Woody Vine Stratum	(0%)	Status	% Cover
*Percent of dominant species FAC, FACW, or OBL: 67%				Criteria Met:		Yes	
Comments:							
Determination:						Wetland	



Wetland Determination Data Form

Routine Onsite Method

Pacific Habitat Services, Inc.

Project: Molalla LWI		Number: 2250		Sample Site BC-12B-50	
Applicant: City of Molalla		County: Clackamas		Date: 4/25/01	
Investigators: SE/FS		Township: 5S Range: 2E		Section: 8	
Do Normal Circumstances exist on this site? Yes		Is the area a potential Problem Area? No			
Is this an Atypical Situation? No					
HYDROLOGY		Primary Indicators		Secondary Indicators	
		Inundated		Ox. rhizospheres	
		Sat. in Upper 12"		H2O-stained leaves	
Depth of Surf. H2O Inches		Water Marks		Local Soil Survey	
Depth to Free H2O >13 Inches		Drift Lines		FAC Neutral Test	
Depth to Saturation >13 Inches		Sediment Deposits		Other _____	
		Drainage patterns		Criteria Met: No	
SOILS		Mapped Series: Dayton silt loam		Hydric Soil?: Yes	
		Classification: Typic Albaqualfs		Drainage Class: poorly drained	
Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations		Other Hydric Soil Field Indicators
			Color	abundance/size/contrast	Comments
0-13	10YR 2/2	SL			
*SD=Sand, SDL=Sandy Loam, L=Loam, SDCL=Sandy Clay Loam, S=Silt, SL=Silt Loam, SCL=Silty Clay Loam, CL=Clay Loam, C=Clay					
					Criteria Met: No
VEGETATION					
Tree Stratum (0%)		Status	% Cover	Herbaceous Stratum (65%)	
				<i>Camassia quamash</i>	FACW 15
				<i>Horkelia congesta</i>	NOL 5
				<i>Vicia sativa</i>	UPL 5
				<i>Geranium robertianum</i>	UPL 5
				<i>Galium aparine*</i>	FACU 10
				<i>Alopecurus pratensis</i>	FACW 10
Shrub Stratum (30%)		Status	% Cover	Festuca arundinacea*	
<i>Cytisus scoparius*</i>		UPL	85	FAC- 30	
<i>Crataegus douglasii</i>		FAC	15	FACU 15	
				Woody Vine Stratum (5%)	
				<i>Rubus discolor*</i>	FACU 100
*Percent of dominant species FAC, FACW, or OBL:				0%	
					Criteria Met: No
Comments:					
					Determination: Upland



Wetland Determination Data Form

Routine Onsite Method

Pacific Habitat Services, Inc.

Project: Molalla LWI		Number: 2250		Sample Site BC-12B-51			
Applicant: City of Molalla		County: Clackamas		Date: 4/25/01			
Investigators: SE/FS		Township: 5S		Range: 2E Section: 8			
Do Normal Circumstances exist on this site? Yes		Is the area a potential Problem Area? No					
Is this an Atypical Situation? No							
HYDROLOGY		Primary Indicators		Secondary Indicators			
		Inundated		Ox. rhizospheres Yes			
Depth of Surf. H2O Inches		Sat. in Upper 12" Yes		H2O-stained leaves			
Depth to Free H2O 8 Inches		Water Marks		Local Soil Survey			
Depth to Saturation 7 Inches		Drift Lines		FAC Neutral Test			
		Sediment Deposits		Other			
		Drainage patterns		Criteria Met: Yes			
SOILS		Mapped Series: Dayton silt loam		Hydric Soil?: Yes			
		Classification: Typic Albaqualfs		Drainage Class: poorly drained			
Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations		Other Hydric Soil Field Indicators	Comments	
			Color	abundance/size/contrast			
0-15	2.5Y 3/1	SL					
0-15	10YR 3/2	SL				50/50 mix	
*SD=Sand, SDL=Sandy Loam, L=Loam, SDCL=Sandy Clay Loam, S=Silt, SL=Silt Loam, SCL=Silty Clay Loam, CL=Clay Loam, C=Clay							
Criteria Met:						Yes	
VEGETATION							
Tree Stratum (0%)		Status	% Cover	Herbaceous Stratum (100%)		Status	% Cover
				<i>Veronica scutellata</i>		OBL	10
				<i>Festuca rubra*</i>		FAC+	30
				<i>Alopecurus pratensis*</i>		FACW	40
				<i>Veronica serpyllifolia</i>		FAC	15
Shrub Stratum (0%)		Status	% Cover	Woody Vine Stratum (0%)		Status	% Cover
*Percent of dominant species FAC, FACW, or OBL: 100%				Criteria Met:		Yes	
Comments:							
Determination:						Wetland	



Wetland Determination Data Form

Routine Onsite Method

Pacific Habitat Services, Inc.

Project: Molalla LWI		Number: 2250		Sample Site BC-12B-52			
Applicant: City of Molalla		County: Clackamas		Date: 4/25/01			
Investigators: SE/FS		Township: 5S		Range: 2E Section: 8			
Do Normal Circumstances exist on this site? Yes		Is the area a potential Problem Area? No					
Is this an Atypical Situation? No							
HYDROLOGY		Primary Indicators		Secondary Indicators			
		Inundated		Ox. rhizospheres			
		Sat. in Upper 12"		H2O-stained leaves			
Depth of Surf. H2O Inches		Water Marks		Local Soil Survey			
Depth to Free H2O >14 Inches		Drift Lines		FAC Neutral Test			
Depth to Saturation >14 Inches		Sediment Deposits		Other _____			
		Drainage patterns		Criteria Met: No			
SOILS		Mapped Series: Dayton silt loam		Hydric Soil?: Yes			
		Classification: Typic Albaqualfs		Drainage Class: poorly drained			
Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations		Other Hydric Soil Field Indicators	Comments	
			Color	abundance/size/contrast			
0-14	10YR 2.5/2	SL					
*SD=Sand, SDL=Sandy Loam, L=Loam, SDCL=Sandy Clay Loam, S=Silt, SL=Silt Loam, SCL=Silty Clay Loam, CL=Clay Loam, C=Clay							
						Criteria Met: No	
VEGETATION							
Tree Stratum (0%)		Status	% Cover	Herbaceous Stratum (100%)		Status	% Cover
				<i>Lolium multiflorum</i> *		UPL	20
				<i>Festuca arundinacea</i> *		FAC-	30
				<i>Anthoxanthum odoratum</i> *		FACU	20
				<i>Festuca rubra</i> *		FAC+	20
				<i>Vicia tetrasperma</i>		UPL	5
				<i>Plantago lanceolata</i>		FAC	3
Shrub Stratum (0%)		Status	% Cover	<i>Cardamine oligosperma</i>		FAC	2
				Woody Vine Stratum (0%)		Status	% Cover
*Percent of dominant species FAC, FACW, or OBL: 25%				Criteria Met: No			
Comments:							
						Determination: Upland	



Wetland Determination Data Form

Routine Onsite Method

Pacific Habitat Services, Inc.

Project: Molalla LWI		Number: 2250		Sample Site: BC-13-53			
Applicant: City of Molalla		County: Clackamas		Date: 4/18/01			
Investigators: SE/FS		Township: 5S		Range: 2E Section: 7			
Do Normal Circumstances exist on this site?		Yes		Is the area a potential Problem Area?			
Is this an Atypical Situation?		No		No			
HYDROLOGY		Primary Indicators		Secondary Indicators			
Depth of Surf. H2O Inches		Inundated		Ox. rhizospheres			
Depth to Free H2O >14 Inches		Sat. in Upper 12"		H2O-stained leaves			
Depth to Saturation >14 Inches		Water Marks		Local Soil Survey			
		Drift Lines		FAC Neutral Test			
		Sediment Deposits		Other _____			
		Drainage patterns		Criteria Met: No			
SOILS		Mapped Series: Dayton silt loam		Hydric Soil?: Yes			
		Classification: Typic Albaqualfs		Drainage Class: poorly drained			
Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations		Other Hydric Soil Field Indicators	Comments	
			Color	abundance/size/contrast			
0-9	10YR 2/2	SL					
9-14	10YR 3/2	SCL					
*SD=Sand, SDL=Sandy Loam, L=Loam, SDCL=Sandy Clay Loam, S=Silt, SL=Silt Loam, SCL=Silty Clay Loam, CL=Clay Loam, C=Clay							
Criteria Met:						No	
VEGETATION							
Tree Stratum (60%)		Status	% Cover	Herbaceous Stratum (30%)		Status	% Cover
<i>Quercus garryana</i> *		UPL	100	<i>Dactylis glomerata</i>		FACU	20
				<i>Lolium multiflorum</i> *		UPL	20
				<i>Bromus rigidus</i>		UPL	20
				<i>Galium aparine</i> *		FACU	20
				<i>Vicia sativa</i>		UPL	2
				<i>Prunella vulgaris</i>		FACU+	3
Shrub Stratum (10%)		Status	% Cover	<i>Holcus lanatus</i>		FAC	5
<i>Crataegus monogyna</i>		FACU+	50	<i>Geranium robertianum</i>		UPL	5
<i>Symphoricarpos albus</i>		FACU	50	Woody Vine Stratum (0%)		Status	% Cover
*Percent of dominant species FAC, FACW, or OBL:						0%	Criteria Met: No
Comments:							
Determination:						Upland	



Wetland Determination Data Form

Routine Onsite Method

Pacific Habitat Services, Inc.

Project: Molalla LWI		Number: 2250		Sample Site: BC-13-54			
Applicant: City of Molalla		County: Clackamas		Date: 4/18/01			
Investigators: SE/FS		Township: 5S		Range: 2E Section: 7			
Do Normal Circumstances exist on this site? Yes		Is the area a potential Problem Area? No					
Is this an Atypical Situation? No							
HYDROLOGY		Primary Indicators		Secondary Indicators			
		Inundated		Ox. rhizospheres			
		Sat. in Upper 12"		H2O-stained leaves			
Depth of Surf. H2O Inches		Water Marks		Local Soil Survey			
Depth to Free H2O 0 Inches		Drift Lines		FAC Neutral Test			
Depth to Saturation 0 Inches		Sediment Deposits		Other _____			
		Drainage patterns Yes		Criteria Met: Yes			
SOILS		Mapped Series: Dayton silt loam		Hydric Soil?: Yes			
		Classification: Typic Albaqualfs		Drainage Class: poorly drained			
Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations		Other Hydric Soil Field Indicators	Comments	
			Color	abundance/size/contrast			
0-10	10YR 2/2	SL					
10-14	10YR 3/1	SL	10YR 3/3	common, medium, faint			
*SD=Sand, SDL=Sandy Loam, L=Loam, SDCL=Sandy Clay Loam, S=Silt, SL=Silt Loam, SCL=Silty Clay Loam, CL=Clay Loam, C=Clay							
						Criteria Met: Yes	
VEGETATION							
Tree Stratum (0%)		Status	% Cover	Herbaceous Stratum (100%)		Status	% Cover
				<i>Alopecurus pratensis</i> * <i>Festuca arundinacea</i> <i>Festuca rubra</i> <i>Galium aparine</i> <i>Prunella vulgaris</i>		FACW	80
						FAC-	10
						FAC+	5
						FACU	3
						FACU+	2
Shrub Stratum (0%)		Status	% Cover	Woody Vine Stratum (0%)		Status	% Cover
*Percent of dominant species FAC, FACW, or OBL: 100%						Criteria Met: Yes	
Comments:						Determination: Wetland	



Wetland Determination Data Form

Routine Onsite Method

Pacific Habitat Services, Inc.

Project: Molalla LWI		Number: 2250		Sample Site: BC-15-55		
Applicant: City of Molalla		County: Clackamas		Date: 4/18/01		
Investigators: SE/FS		Township: 5S		Range: 2E Section: 7		
Do Normal Circumstances exist on this site? Yes		Is the area a potential Problem Area? No				
Is this an Atypical Situation? No						
HYDROLOGY		Primary Indicators		Secondary Indicators		
		Inundated		Ox. rhizospheres		
		Sat. in Upper 12"		Yes		
Depth of Surf. H2O		Water Marks		H2O-stained leaves		
Depth to Free H2O		Drift Lines		Local Soil Survey		
Depth to Saturation		Sediment Deposits		FAC Neutral Test		
		Drainage patterns		Other		
				Criteria Met: Yes		
SOILS		Mapped Series: Dayton silt loam		Hydric Soil?: Yes		
		Classification: Typic Albaqualfs		Drainage Class: poorly drained		
Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations		Other Hydric Soil Field Indicators	Comments
			Color	abundance/size/contrast		
0-13	2.5Y 3/2	SL				
13-16	2.5Y 3/2	SCL	10YR 4/6	common, medium, distinct		
*SD=Sand, SDL=Sandy Loam, L=Loam, SDCL=Sandy Clay Loam, S=Silt, SL=Silt Loam, SCL=Silty Clay Loam, CL=Clay Loam, C=Clay						
Criteria Met: Yes						
VEGETATION						
Tree Stratum (0%)		Status	% Cover	Herbaceous Stratum (100%)		Status % Cover
				<i>Alopecurus pratensis</i> * <i>Geranium robertianum</i> <i>Galium aparine</i>		FACW 85 UPL 5 FACU 10
Shrub Stratum (0%)		Status	% Cover	Woody Vine Stratum (0%)		Status % Cover
*Percent of dominant species FAC, FACW, or OBL: 100%						Criteria Met: Yes
Comments:						Determination: Wetland



Wetland Determination Data Form

Routine Onsite Method

Pacific Habitat Services, Inc.

Project: Molalla LWI		Number: 2250		Sample Site: BC-15-56			
Applicant: City of Molalla		County: Clackamas		Date: 6/6/01			
Investigators: SE/PF		Township: 5S		Range: 2E Section: 7			
Do Normal Circumstances exist on this site? Yes		Is the area a potential Problem Area? No					
Is this an Atypical Situation? No							
HYDROLOGY		Primary Indicators		Secondary Indicators			
		Inundated Sat. in Upper 12" Water Marks Drift Lines Sediment Deposits Drainage patterns		Ox. rhizospheres H2O-stained leaves Local Soil Survey FAC Neutral Test Other _____			
Depth of Surf. H2O	Inches						
Depth to Free H2O	>14 Inches						
Depth to Saturation	>14 Inches						
				Criteria Met: No			
SOILS		Mapped Series: Amity silt loam		Hydric Soil?: No			
		Classification: Argiaquic Xeric Argialbolls		Drainage Class: somewhat poorly drained			
Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations		Other Hydric Soil Field Indicators	Comments	
			Color	abundance/size/contrast			
0-14	10YR 3/2	SL	10YR 3/4	common, medium, faint			
*SD=Sand, SDL=Sandy Loam, L=Loam, SDCL=Sandy Clay Loam, S=Silt, SL=Silt Loam, SCL=Silty Clay Loam, CL=Clay Loam, C=Clay							
						Criteria Met: Yes	
VEGETATION							
Tree Stratum	(0%)	Status	% Cover	Herbaceous Stratum	(100%)	Status	% Cover
				<i>Festuca arundinacea</i>		FAC-	10
				<i>Holcus lanatus</i>		FAC	10
				<i>Agrostis tenuis*</i>		FAC	20
				<i>Lolium multiflorum*</i>		UPL	20
				<i>Bromus mollis*</i>		UPL	30
				<i>Anthoxanthum odoratum</i>		FACU	10
Shrub Stratum	(0%)	Status	% Cover	Woody Vine Stratum	(0%)	Status	% Cover
*Percent of dominant species FAC, FACW, or OBL: 33%				Criteria Met: No			
Comments:							
						Determination: Upland	



Wetland Determination Data Form

Routine Onsite Method

Pacific Habitat Services, Inc.

Project: Molalla LWI		Number: 2250		Sample Site: BC-15-57		
Applicant: City of Molalla		County: Clackamas		Date: 6/6/01		
Investigators: SE/PF		Township: 5S		Range: 2E Section: 7		
Do Normal Circumstances exist on this site? Yes		Is the area a potential Problem Area? No				
Is this an Atypical Situation? No						
HYDROLOGY		Primary Indicators		Secondary Indicators		
		Inundated		Ox. rhizospheres Yes		
		Sat. in Upper 12"		H2O-stained leaves		
Depth of Surf. H2O Inches		Water Marks		Local Soil Survey		
Depth to Free H2O >14 Inches		Drift Lines		FAC Neutral Test		
Depth to Saturation >14 Inches		Sediment Deposits		Other Algal mats		
		Drainage patterns Yes		Criteria Met: Yes		
SOILS		Mapped Series: Amity silt loam		Hydric Soil?: No		
		Classification: Argiaquic Xeric Argialbolls		Drainage Class: somewhat poorly drained		
Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations		Other Hydric Soil Field Indicators	Comments
			Color	abundance/size/contrast		
0-8	10YR 3/2	SL				
8-14	2.5Y 5/2	SCL	10YR 4/6	common, fine, distinct		
*SD=Sand, SDL=Sandy Loam, L=Loam, SDCL=Sandy Clay Loam, S=Silt, SL=Silt Loam, SCL=Silty Clay Loam, CL=Clay Loam, C=Clay						
						Criteria Met: Yes
VEGETATION						
Tree Stratum (0%)		Status	% Cover	Herbaceous Stratum (100%)		Status % Cover
				<i>Holcus lanatus</i> <i>Rumex crispus</i> <i>Juncus tenuis</i> <i>Alopecurus geniculatus</i> *		FAC 10 FAC+ 2 FACW- 3 OBL 85
Shrub Stratum (0%)		Status	% Cover			
				Woody Vine Stratum (0%)		Status % Cover
*Percent of dominant species FAC, FACW, or OBL: 100%				Criteria Met: Yes		
Comments:						
						Determination: Wetland



Wetland Determination Data Form

Routine Onsite Method

Pacific Habitat Services, Inc.

Project: Molalla LWI		Number: 2250		Sample Site BC-16B-58	
Applicant: City of Molalla		County: Clackamas		Date: 6/6/01	
Investigators: SE/PF		Township: 5S		Range: 2E Section: 7	
Do Normal Circumstances exist on this site?		Yes		Is the area a potential Problem Area?	
Is this an Atypical Situation?		No		No	
HYDROLOGY		Primary Indicators		Secondary Indicators	
		Inundated		Ox. rhizospheres	
		Sat. in Upper 12"		H2O-stained leaves	
Depth of Surf. H2O Inches		Water Marks		Local Soil Survey	
Depth to Free H2O >14 Inches		Drift Lines		FAC Neutral Test	
Depth to Saturation >14 Inches		Sediment Deposits		Other _____	
		Drainage patterns		Criteria Met: No	
SOILS		Mapped Series: Amity silt loam		Hydric Soil?: No	
		Classification: Argiaquic Xeric Argialbolls		Drainage Class: somewhat poorly drained	
Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations		Other Hydric Soil Field Indicators
			Color	abundance/size/contrast	Comments
0-14	10YR 3/4	SL			
*SD=Sand, SDL=Sandy Loam, L=Loam, SDCL=Sandy Clay Loam, S=Silt, SL=Silt Loam, SCL=Silty Clay Loam, CL=Clay Loam, C=Clay					
					Criteria Met: No
VEGETATION					
Tree Stratum (0%)		Status	% Cover	Herbaceous Stratum (100%)	
				<i>Anthoxanthum odoratum*</i>	FACU 60
				<i>Chrysanthemum leucanthemum</i>	UPL 5
				<i>Trifolium pratense</i>	FACU 10
				<i>Hypochaeris radicata</i>	FACU 5
				<i>Rumex acetosella</i>	FACU+ 10
				<i>Plantago lanceolata</i>	FAC 5
Shrub Stratum (0%)		Status	% Cover		
				Woody Vine Stratum (0%)	Status % Cover
*Percent of dominant species FAC, FACW, or OBL:				0%	
					Criteria Met: No
Comments:					
					Determination: Upland



Wetland Determination Data Form

Routine Onsite Method

Pacific Habitat Services, Inc.

Project: Molalla LWI		Number: 2250		Sample Site BC-16B-59		
Applicant: City of Molalla		County: Clackamas		Date: 6/6/01		
Investigators: SE/PF		Township: 5S		Range: 2E Section: 7		
Do Normal Circumstances exist on this site? Yes		Is the area a potential Problem Area? No				
Is this an Atypical Situation? No						
HYDROLOGY		Primary Indicators		Secondary Indicators		
		Inundated		Ox. rhizospheres Yes		
		Sat. in Upper 12"		H2O-stained leaves		
Depth of Surf. H2O Inches		Water Marks		Local Soil Survey		
Depth to Free H2O >12 Inches		Drift Lines		FAC Neutral Test		
Depth to Saturation >12 Inches		Sediment Deposits		Other _____		
		Drainage patterns Yes		Criteria Met: Yes		
SOILS		Mapped Series: Amity silt loam		Hydric Soil?: No		
		Classification: Argiaquic Xeric Argialbolls		Drainage Class: somewhat poorly drained		
Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations		Other Hydric Soil Field Indicators	Comments
			Color	abundance/size/contrast		
0-12	10YR 3/1	SL				
*SD=Sand, SDL=Sandy Loam, L=Loam, SDCL=Sandy Clay Loam, S=Silt, SL=Silt Loam, SCL=Silty Clay Loam, CL=Clay Loam, C=Clay						
						Criteria Met: Yes
VEGETATION						
Tree Stratum (0%)		Status	% Cover	Herbaceous Stratum (100%)		Status % Cover
				<i>Phalaris arundinacea*</i>		FACW 35
				<i>Juncus effusus</i>		FACW 15
				<i>Veronica americana*</i>		OBL 25
				<i>Alopecurus pratensis</i>		FACW 15
				<i>Juncus tenuis</i>		FACW- 10
Shrub Stratum (0%)		Status	% Cover	Woody Vine Stratum (0%)		Status % Cover
*Percent of dominant species FAC, FACW, or OBL: 100%				Criteria Met: Yes		
Comments:						
						Determination: Wetland



Wetland Determination Data Form

Routine Onsite Method

Pacific Habitat Services, Inc.

Project: Molalla LWI		Number: 2250		Sample Site: BC-17-60		
Applicant: City of Molalla		County: Clackamas		Date: 5/1/01		
Investigators: SE/PF		Township: 5S		Range: 2E Section: 7		
Do Normal Circumstances exist on this site? Yes		Is the area a potential Problem Area? No				
Is this an Atypical Situation? No						
HYDROLOGY		Primary Indicators		Secondary Indicators		
		Inundated		Ox. rhizospheres		
		Sat. in Upper 12"		Yes H2O-stained leaves		
Depth of Surf. H2O Inches		Water Marks		Local Soil Survey		
Depth to Free H2O 10 Inches		Drift Lines		FAC Neutral Test		
Depth to Saturation 6 Inches		Sediment Deposits		Other _____		
		Drainage patterns Yes		Criteria Met: Yes		
SOILS		Mapped Series: Wapato silty clay loam		Hydric Soil?: Yes		
		Classification: Fluvaquentic Endoaquolls		Drainage Class: poorly drained		
Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations		Other Hydric Soil Field Indicators	Comments
			Color	abundance/size/contrast		
0-18	10YR 2/2	SL			fe concretions	
*SD=Sand, SDL=Sandy Loam, L=Loam, SDCL=Sandy Clay Loam, S=Silt, SL=Silt Loam, SCL=Silty Clay Loam, CL=Clay Loam, C=Clay						
Criteria Met: Yes						
VEGETATION						
Tree Stratum (0%)		Status	% Cover	Herbaceous Stratum (100%)		Status % Cover
				<i>Impatiens noli-tangere</i> *		FACW 30
				<i>Phalaris arundinacea</i> *		FACW 70
Shrub Stratum (0%)		Status	% Cover	Woody Vine Stratum (0%)		Status % Cover
*Percent of dominant species FAC, FACW, or OBL: 100%				Criteria Met: Yes		
Comments:						
						Determination: Wetland



Wetland Determination Data Form

Routine Onsite Method

Pacific Habitat Services, Inc.

Project: Molalla LWI		Number: 2250		Sample Site: BC-17-61			
Applicant: City of Molalla		County: Clackamas		Date: 5/1/01			
Investigators: SE/PF		Township: 5S		Range: 2E Section: 7			
Do Normal Circumstances exist on this site?		Yes		Is the area a potential Problem Area?			
Is this an Atypical Situation?		No		No			
HYDROLOGY		Primary Indicators		Secondary Indicators			
Depth of Surf. H2O Inches		Inundated		Ox. rhizospheres			
Depth to Free H2O >14 Inches		Sat. in Upper 12"		H2O-stained leaves			
Depth to Saturation >14 Inches		Water Marks		Local Soil Survey			
		Drift Lines		FAC Neutral Test			
		Sediment Deposits		Other _____			
		Drainage patterns		Criteria Met: No			
SOILS		Mapped Series: Dayton silt loam		Hydric Soil?: Yes			
		Classification: Typic Albaqualfs		Drainage Class: poorly drained			
Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations		Other Hydric Soil Field Indicators	Comments	
			Color	abundance/size/contrast			
0-14	10YR 3/4	SL					
*SD=Sand, SDL=Sandy Loam, L=Loam, SDCL=Sandy Clay Loam, S=Silt, SL=Silt Loam, SCL=Silty Clay Loam, CL=Clay Loam, C=Clay							
						Criteria Met: No	
VEGETATION							
Tree Stratum (10%)		Status	% Cover	Herbaceous Stratum (70%)		Status	% Cover
<i>Abies procera</i> *		NOL	100	<i>Festuca arundinacea</i> *		FAC-	35
				<i>Hypochaeris radicata</i>		FACU	10
				<i>Agrostis tenuis</i> *		FAC	20
				<i>Cirsium arvense</i>		FACU+	5
				<i>Vicia sativa</i>		UPL	5
				<i>Taraxacum officinale</i>		FACU	5
Shrub Stratum (0%)		Status	% Cover	<i>Rumex crispus</i>		FAC+	5
				<i>Trifolium repens</i>		FAC	10
				Woody Vine Stratum (20%)		Status	% Cover
				<i>Rubus discolor</i> *		FACU	100
*Percent of dominant species FAC, FACW, or OBL: 33%				Criteria Met: No			
Comments: Christmas tree farm							
						Determination: Upland	



Wetland Determination Data Form

Routine Onsite Method

Pacific Habitat Services, Inc.

Project: Molalla LWI		Number: 2250		Sample Site: BC-18-62		
Applicant: City of Molalla		County: Clackamas		Date: 4/25/01		
Investigators: SE/FS		Township: 5S Range: 2E		Section: 8		
Do Normal Circumstances exist on this site?		Yes		Is the area a potential Problem Area?		
Is this an Atypical Situation?		No		No		
HYDROLOGY			Primary Indicators		Secondary Indicators	
Depth of Surf. H2O 1 Inches			Inundated Yes		Ox. rhizospheres Yes	
Depth to Free H2O 0 Inches			Sat. in Upper 12" Yes		H2O-stained leaves	
Depth to Saturation 0 Inches			Water Marks		Local Soil Survey	
			Drift Lines		FAC Neutral Test	
			Sediment Deposits		Other _____	
			Drainage patterns		Criteria Met: Yes	
SOILS		Mapped Series: Clackamas silt loam		Hydric Soil?: No		
		Classification: Typic Argiaquolls		Drainage Class: somewhat poorly drained		
Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations		Other Hydric Soil Field Indicators	Comments
			Color	abundance/size/contrast		
0-9	10YR 3/2	SL	10YR 3/6	few, medium, distinct		
9-14	10YR 4/2	SL	10YR 3/6	common, medium, distinct		gravel
*SD=Sand, SDL=Sandy Loam, L=Loam, SDCL=Sandy Clay Loam, S=Silt, SL=Silt Loam, SCL=Silty Clay Loam, CL=Clay Loam, C=Clay						
						Criteria Met: Yes
VEGETATION						
Tree Stratum (0%)		Status	% Cover	Herbaceous Stratum (100%)		Status % Cover
				<i>Agrostis stolonifera</i> *		FAC 30
				<i>Ranunculus repens</i> *		FACW 30
				<i>Juncus patens</i> *		FACW 20
				<i>Festuca arundinacea</i>		FAC- 10
				<i>Veronica scutellata</i>		OBL 5
Shrub Stratum (0%)		Status	% Cover	Woody Vine Stratum (0%)		Status % Cover
*Percent of dominant species FAC, FACW, or OBL: 100%				Criteria Met: Yes		
Comments:						
						Determination: Wetland



Wetland Determination Data Form

Routine Onsite Method

Pacific Habitat Services, Inc.

Project: Molalla LWI		Number: 2250		Sample Site: BC-18-63	
Applicant: City of Molalla		County: Clackamas		Date: 4/25/01	
Investigators: SE/FS		Township: 5S		Range: 2E Section: 8	
Do Normal Circumstances exist on this site?		Yes		Is the area a potential Problem Area?	
Is this an Atypical Situation?		No		No	
HYDROLOGY		Primary Indicators		Secondary Indicators	
		Inundated		Ox. rhizospheres	
Depth of Surf. H2O		Sat. in Upper 12"		H2O-stained leaves	
Depth to Free H2O		Water Marks		Local Soil Survey	
Depth to Saturation		Drift Lines		FAC Neutral Test	
		Sediment Deposits		Other	
		Drainage patterns		Criteria Met: No	
SOILS		Mapped Series: Clackamas silt loam		Hydric Soil?: No	
		Classification: Typic Argiaquolls		Drainage Class: somewhat poorly drained	
Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations		Other Hydric Soil Field Indicators
			Color	abundance/size/contrast	Comments
0-12	10YR 3/2	SL			
*SD=Sand, SDL=Sandy Loam, L=Loam, SDCL=Sandy Clay Loam, S=Silt, SL=Silt Loam, SCL=Silty Clay Loam, CL=Clay Loam, C=Clay					
					Criteria Met: No
VEGETATION					
Tree Stratum (0%)		Status	% Cover	Herbaceous Stratum (30%)	
				<i>Festuca arundinacea</i> * <i>Agrostis tenuis</i> * <i>Daucus carota</i> * <i>Juncus tenuis</i> <i>Vicia sativa</i>	
Shrub Stratum (65%)		Status	% Cover		
<i>Cytisus scoparius</i> *		UPL	75		
<i>Crataegus douglasii</i>		FAC	15		
<i>Prunus avium</i>		UPL	10		
				Woody Vine Stratum (5%)	
				<i>Rubus discolor</i> *	
				FACU 100	
*Percent of dominant species FAC, FACW, or OBL:				20%	
					Criteria Met: No
Comments:					
					Determination: Upland



Wetland Determination Data Form Routine Onsite Method

Pacific Habitat Services, Inc.

Project: Molalla LWI		Number: 2250		Sample Site BC-22B-64	
Applicant: City of Molalla		County: Clackamas		Date: 5/1/01	
Investigators: SE/PF		Township: 5S Range: 2E		Section: 8	
Do Normal Circumstances exist on this site? Yes		Is the area a potential Problem Area? No			
Is this an Atypical Situation? No					
HYDROLOGY		Primary Indicators		Secondary Indicators	
		Inundated		Ox. rhizospheres	
		Sat. in Upper 12"		H2O-stained leaves	
Depth of Surf. H2O Inches		Water Marks Yes		Local Soil Survey	
Depth to Free H2O >14 Inches		Drift Lines		FAC Neutral Test	
Depth to Saturation >14 Inches		Sediment Deposits		Other _____	
		Drainage patterns Yes		Criteria Met: Yes	
SOILS		Mapped Series: Wapato silty clay loam		Hydric Soil?: Yes	
		Classification: Fluvaquentic Endoaquolls		Drainage Class: poorly drained	
Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations		Other Hydric Soil Field Indicators
			Color	abundance/size/contrast	Comments
0-8	10YR 3/2	SCL			
8-14	10YR 3/2	SCL	7.5YR 4/6	common, medium, distinct	
*SD=Sand, SDL=Sandy Loam, L=Loam, SDCL=Sandy Clay Loam, S=Silt, SL=Silt Loam, SCL=Silty Clay Loam, CL=Clay Loam, C=Clay					
					Criteria Met: Yes
VEGETATION					
Tree Stratum (0%)		Status	% Cover	Herbaceous Stratum (100%)	
				<i>Phalaris arundinacea*</i> <i>Impatiens noli-tangere*</i> <i>Galium aparine</i>	
				FACW 75 FACW 20 FACU 5	
Shrub Stratum (0%)		Status	% Cover		
				Woody Vine Stratum (0%)	
*Percent of dominant species FAC, FACW, or OBL: 100%				Criteria Met: Yes	
Comments:					
					Determination: Wetland



Wetland Determination Data Form Routine Onsite Method

Pacific Habitat Services, Inc.

Project: Molalla LWI		Number: 2250		Sample Site: BC-22B-65			
Applicant: City of Molalla		County: Clackamas		Date: 5/1/01			
Investigators: SE/PF		Township: 5S Range: 2E		Section: 8			
Do Normal Circumstances exist on this site? Yes		Is the area a potential Problem Area? No					
Is this an Atypical Situation? No							
HYDROLOGY		Primary Indicators		Secondary Indicators			
		Inundated		Ox. rhizospheres			
		Sat. in Upper 12"		H2O-stained leaves			
Depth of Surf. H2O Inches		Water Marks		Local Soil Survey			
Depth to Free H2O >14 Inches		Drift Lines		FAC Neutral Test			
Depth to Saturation >14 Inches		Sediment Deposits		Other _____			
		Drainage patterns		Criteria Met: No			
SOILS		Mapped Series: Sawtell silt loam		Hydric Soil?: No			
		Classification: Ultic Argixerolls		Drainage Class: moderately well drained			
Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations		Other Hydric Soil Field Indicators	Comments	
			Color	abundance/size/contrast			
0-14	10YR 2/1	SL					
*SD=Sand, SDL=Sandy Loam, L=Loam, SDCL=Sandy Clay Loam, S=Silt, SL=Silt Loam, SCL=Silty Clay Loam, CL=Clay Loam, C=Clay							
Criteria Met: Yes							
VEGETATION							
Tree Stratum (0%)		Status	% Cover	Herbaceous Stratum (100%)		Status	% Cover
				<i>Festuca arundinacea</i> * <i>Taraxacum officinale</i> <i>Ranunculus repens</i> <i>Rumex crispus</i> <i>Convolvulus arvensis</i>		FAC-	80
						FACU	10
						FACW	5
						FAC+	2
						UPL	2
Shrub Stratum (0%)		Status	% Cover	Woody Vine Stratum (0%)		Status	% Cover
*Percent of dominant species FAC, FACW, or OBL: 0%						Criteria Met: No	
Comments:							
						Determination: Upland	



Wetland Determination Data Form Routine Onsite Method

Pacific Habitat Services, Inc.

Project: Molalla LWI		Number: 2250		Sample Site: BC-22B-66		
Applicant: City of Molalla		County: Clackamas		Date: 5/1/01		
Investigators: SE/PF		Township: 5S		Range: 2E Section: 8		
Do Normal Circumstances exist on this site? Yes		Is the area a potential Problem Area? No				
Is this an Atypical Situation? No						
HYDROLOGY		Primary Indicators		Secondary Indicators		
		Inundated		Ox. rhizospheres Yes		
Depth of Surf. H2O		Sat. in Upper 12" Yes		H2O-stained leaves		
Depth to Free H2O 10 Inches		Water Marks		Local Soil Survey		
Depth to Saturation		Drift Lines		FAC Neutral Test		
		Sediment Deposits		Other		
		Drainage patterns Yes		Criteria Met: Yes		
SOILS		Mapped Series: Wapato silty clay loam		Hydric Soil?: Yes		
		Classification: Fluvaquentic Endoaquolls		Drainage Class: poorly drained		
Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations		Other Hydric Soil Field Indicators	Comments
			Color	abundance/size/contrast		
0-14	5Y 3/1	SCL	5YR 4/6	many, coarse, prominent		
*SD=Sand, SDL=Sandy Loam, L=Loam, SDCL=Sandy Clay Loam, S=Silt, SL=Silt Loam, SCL=Silty Clay Loam, CL=Clay Loam, C=Clay						
Criteria Met: Yes						
VEGETATION						
Tree Stratum (20%)		Status	% Cover	Herbaceous Stratum (80%)		Status % Cover
<i>Fraxinus latifolia</i> *		FACW	100	<i>Ranunculus repens</i> *		FACW 20
				<i>Rumex crispus</i>		FAC+ 10
				<i>Alopecurus geniculatus</i> *		OBL 20
				<i>Lotus corniculatus</i>		FAC 5
				<i>Trifolium repens</i>		FAC 5
				<i>Alopecurus pratensis</i> *		FACW 20
Shrub Stratum (0%)		Status	% Cover	<i>Trifolium pratense</i>		FACU 5
				<i>Plantago major</i>		FACU+ 5
				Woody Vine Stratum (0%)		Status % Cover
*Percent of dominant species FAC, FACW, or OBL: 100%						Criteria Met: Yes
Comments:						
Determination: Wetland						



Wetland Determination Data Form

Routine Onsite Method

Pacific Habitat Services, Inc.

Project: Molalla LWI		Number: 2250		Sample Site: BC-19B-65			
Applicant: City of Molalla		County: Clackamas		Date: 5/1/01			
Investigators: SE/PF		Township: 5S		Range: 2E Section: 8			
Do Normal Circumstances exist on this site? Yes		Is the area a potential Problem Area? No					
Is this an Atypical Situation? No							
HYDROLOGY		Primary Indicators		Secondary Indicators			
		Inundated		Ox. rhizospheres			
		Sat. in Upper 12"		H2O-stained leaves			
Depth of Surf. H2O Inches		Water Marks		Local Soil Survey			
Depth to Free H2O >14 Inches		Drift Lines		FAC Neutral Test			
Depth to Saturation >14 Inches		Sediment Deposits		Other _____			
		Drainage patterns		Criteria Met: No			
SOILS		Mapped Series: Sawtell silt loam		Hydric Soil?: No			
		Classification: Ultic Argixerolls		Drainage Class: moderately well drained			
Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations		Other Hydric Soil Field Indicators	Comments	
			Color	abundance/size/contrast			
0-14	10YR 2/1	SL					
*SD=Sand, SDL=Sandy Loam, L=Loam, SDCL=Sandy Clay Loam, S=Silt, SL=Silt Loam, SCL=Silty Clay Loam, CL=Clay Loam, C=Clay							
						Criteria Met: Yes	
VEGETATION							
Tree Stratum (0%)		Status	% Cover	Herbaceous Stratum (100%)		Status	% Cover
				<i>Festuca arundinacea</i> *		FAC-	80
				<i>Taraxacum officinale</i>		FACU	10
				<i>Ranunculus repens</i>		FACW	5
				<i>Rumex crispus</i>		FAC+	2
				<i>Convolvulus arvensis</i>		UPL	2
Shrub Stratum (0%)		Status	% Cover	Woody Vine Stratum (0%)		Status	% Cover
*Percent of dominant species FAC, FACW, or OBL: 0%						Criteria Met: No	
Comments:							
						Determination: Upland	



Wetland Determination Data Form

Routine Onsite Method

Pacific Habitat Services, Inc.

Project: Molalla LWI		Number: 2250		Sample Site BC-19B-66	
Applicant: City of Molalla		County: Clackamas		Date: 5/1/01	
Investigators: SE/PF		Township: 5S		Range: 2E Section: 8	
Do Normal Circumstances exist on this site? Yes		Is the area a potential Problem Area? No			
Is this an Atypical Situation? No					
HYDROLOGY		Primary Indicators		Secondary Indicators	
		Inundated		Ox. rhizospheres Yes	
Depth of Surf. H2O Inches		Sat. in Upper 12" Yes		H2O-stained leaves	
Depth to Free H2O 10 Inches		Water Marks		Local Soil Survey	
Depth to Saturation Inches		Drift Lines		FAC Neutral Test	
		Sediment Deposits		Other _____	
		Drainage patterns Yes		Criteria Met: Yes	
SOILS		Mapped Series: Wapato silty clay loam		Hydric Soil?: Yes	
		Classification: Fluvaquentic Endoaquolls		Drainage Class: poorly drained	
Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations		Other Hydric Soil Field Indicators
			Color	abundance/size/contrast	Comments
0-14	5Y 3/1	SCL	5YR 4/6	many, coarse, prominent	
*SD=Sand, SDL=Sandy Loam, L=Loam, SDCL=Sandy Clay Loam, S=Silt, SL=Silt Loam, SCL=Silty Clay Loam, CL=Clay Loam, C=Clay					
					Criteria Met: Yes
VEGETATION					
Tree Stratum (20%)		Status	% Cover	Herbaceous Stratum (80%)	
<i>Fraxinus latifolia</i> *		FACW	100	<i>Ranunculus repens</i> *	
				<i>Rumex crispus</i>	
				<i>Alopecurus geniculatus</i> *	
				<i>Lotus corniculatus</i>	
				<i>Trifolium repens</i>	
				<i>Alopecurus pratensis</i> *	
Shrub Stratum (0%)		Status	% Cover	<i>Trifolium pratense</i>	
				<i>Plantago major</i>	
				Woody Vine Stratum (0%)	
				Status % Cover	
*Percent of dominant species FAC, FACW, or OBL: 100%				Criteria Met: Yes	
Comments:					
					Determination: Wetland



Wetland Determination Data Form

Routine Onsite Method

Pacific Habitat Services, Inc.

Project: Molalla LWI		Number: 2250		Sample Site: BC-21-67			
Applicant: City of Molalla		County: Clackamas		Date: 6/6/01			
Investigators: SE/PF		Township: 5S		Range: 2E Section: 8			
Do Normal Circumstances exist on this site? Yes		Is the area a potential Problem Area? No					
Is this an Atypical Situation? No							
HYDROLOGY		Primary Indicators		Secondary Indicators			
		Inundated		Ox. rhizospheres Yes			
		Sat. in Upper 12"		H2O-stained leaves			
Depth of Surf. H2O Inches		Water Marks		Local Soil Survey			
Depth to Free H2O >12 Inches		Drift Lines		FAC Neutral Test			
Depth to Saturation >12 Inches		Sediment Deposits		Other _____			
		Drainage patterns Yes		Criteria Met: Yes			
SOILS		Mapped Series: Dayton silt loam		Hydric Soil?: Yes			
		Classification: Typic Albaqualfs		Drainage Class: poorly drained			
Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations		Other Hydric Soil Field Indicators	Comments	
			Color	abundance/size/contrast			
0-4	10YR 2/2	SL					
4-12	10YR 3/2	SCL	10YR 3/4	few, fine, faint			
*SD=Sand, SDL=Sandy Loam, L=Loam, SDCL=Sandy Clay Loam, S=Silt, SL=Silt Loam, SCL=Silty Clay Loam, CL=Clay Loam, C=Clay							
						Criteria Met: Yes	
VEGETATION							
Tree Stratum (0%)		Status	% Cover	Herbaceous Stratum (75%)		Status	% Cover
				<i>Typha latifolia</i> *		OBL	20
				<i>Juncus tenuis</i> *		FACW-	35
				<i>Carex stipata</i>		OBL	15
				<i>Equisetum arvense</i>		FAC	5
				<i>Lotus corniculatus</i>		FAC	10
				<i>Carex obnupta</i>		OBL	15
Shrub Stratum (25%)		Status	% Cover	Woody Vine Stratum		Status	% Cover
<i>Populus trichocarpa</i> *		FAC	70				
<i>Salix lasiandra</i> *		FACW+	20				
<i>Crataegus monogyna</i>		FACU+	10				
*Percent of dominant species FAC, FACW, or OBL: 100%						Criteria Met: Yes	
Comments:							
						Determination: Wetland	



Wetland Determination Data Form

Routine Onsite Method

Pacific Habitat Services, Inc.

Project: Molalla LWI		Number: 2250		Sample Site: BC-21-68		
Applicant: City of Molalla		County: Clackamas		Date: 6/6/01		
Investigators: SE/PF		Township: 5S		Range: 2E Section: 8		
Do Normal Circumstances exist on this site?		No		Is the area a potential Problem Area?		
Is this an Atypical Situation?		Yes		No		
HYDROLOGY		Primary Indicators		Secondary Indicators		
		Inundated		Ox. rhizospheres		
		Sat. in Upper 12"		H2O-stained leaves		
Depth of Surf. H2O Inches		Water Marks		Local Soil Survey		
Depth to Free H2O >4 Inches		Drift Lines		FAC Neutral Test		
Depth to Saturation >4 Inches		Sediment Deposits		Other _____		
		Drainage patterns		Criteria Met: No		
SOILS		Mapped Series: _____		Hydric Soil?: #N/A		
		Classification: #N/A		Drainage Class: #N/A		
Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations		Other Hydric Soil Field Indicators	Comments
			Color	abundance/size/contrast		
0-4	N/A	wood debris/rocks				refused at 4 inches by rocks
*SD=Sand, SDL=Sandy Loam, L=Loam, SDCL=Sandy Clay Loam, S=Silt, SL=Silt Loam, SCL=Silty Clay Loam, CL=Clay Loam, C=Clay						
						Criteria Met: No
VEGETATION						
Tree Stratum (0%)		Status	% Cover	Herbaceous Stratum (85%)		Status % Cover
				<i>Sonchus asper</i>		FAC- 5
				<i>Anthoxanthum odoratum*</i>		FACU 30
				<i>Holcus lanatus*</i>		FAC 40
				<i>Vicia sativa</i>		UPL 10
				<i>Cirsium vulgare</i>		FACU 5
				<i>Taraxacum officinale</i>		FACU 10
Shrub Stratum (5%)		Status	% Cover	Woody Vine Stratum (10%)		Status % Cover
<i>Cytisus scoparius*</i>		UPL	100	<i>Rubus discolor*</i>		FACU 100
*Percent of dominant species FAC, FACW, or OBL:				25%		Criteria Met: No
Comments: Old log deck area. Very disturbed						
						Determination: Upland



Wetland Determination Data Form

Routine Onsite Method

Pacific Habitat Services, Inc.

Project: Molalla LWI		Number: 2250		Sample Site: BC-22E-69		
Applicant: City of Molalla		County: Clackamas		Date: 6/6/01		
Investigators: SE/PF		Township: 5S		Range: 2E Section: 17		
Do Normal Circumstances exist on this site?		Yes		Is the area a potential Problem Area?		
Is this an Atypical Situation?		No		No		
HYDROLOGY		Primary Indicators		Secondary Indicators		
		Inundated		Ox. rhizospheres		
		Sat. in Upper 12"		H2O-stained leaves		
Depth of Surf. H2O Inches		Water Marks		Local Soil Survey		
Depth to Free H2O >4 Inches		Drift Lines		FAC Neutral Test		
Depth to Saturation >4 Inches		Sediment Deposits		Other		
		Drainage patterns		Criteria Met: No		
SOILS		Mapped Series: Dayton silt loam		Hydric Soil?: Yes		
		Classification: Typic Albaqualfs		Drainage Class: poorly drained		
Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations		Other Hydric Soil Field Indicators	Comments
			Color	abundance/size/contrast		
0-4	10YR 3/2	SDL				Refused below 4" moderate to large rocks; gravel in top 4 inches
*SD=Sand, SDL=Sandy Loam, L=Loam, SDCL=Sandy Clay Loam, S=Silt, SL=Silt Loam, SCL=Silty Clay Loam, CL=Clay Loam, C=Clay						
Criteria Met: No						
VEGETATION						
Tree Stratum (0%)		Status	% Cover	Herbaceous Stratum (55%)		Status % Cover
				<i>Vicia sativa</i> *		UPL 20
				<i>Phalaris arundinacea</i> *		FACW 35
				<i>Cirsium arvense</i>		FACU+ 3
				<i>Holcus lanatus</i>		FAC 5
				<i>Festuca myuros</i> *		UPL 20
				<i>Galium aparine</i>		FACU 2
Shrub Stratum (10%)		Status	% Cover	<i>Daucus carota</i>		UPL 10
<i>Acer macrophyllum</i> *		FACU	100	Woody Vine Stratum (35%)		Status % Cover
				<i>Rubus discolor</i> *		FACU 70
				<i>Rubus laciniatus</i> *		FACU+ 30
*Percent of dominant species FAC, FACW, or OBL:				17%		Criteria Met: No
Comments:						Determination: Upland



Wetland Determination Data Form

Routine Onsite Method

Pacific Habitat Services, Inc.

Project: Molalla LWI		Number: 2250		Sample Site: BC-22E-70		
Applicant: City of Molalla		County: Clackamas		Date: 6/6/01		
Investigators: SE/PF		Township: 5S		Range: 2E Section: 17		
Do Normal Circumstances exist on this site?		Yes		Is the area a potential Problem Area?		
Is this an Atypical Situation?		No		No		
HYDROLOGY			Primary Indicators		Secondary Indicators	
			Inundated		Ox. rhizospheres	
Depth of Surf. H2O			Sat. in Upper 12" Yes		H2O-stained leaves	
Depth to Free H2O 1 Inches			Water Marks		Local Soil Survey	
Depth to Saturation 0 Inches			Drift Lines		FAC Neutral Test	
			Sediment Deposits		Other	
			Drainage patterns Yes		Criteria Met: Yes	
SOILS			Mapped Series: Dayton silt loam		Hydric Soil?: Yes	
			Classification: Typic Albaqualfs		Drainage Class: poorly drained	
Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations		Other Hydric Soil Field Indicators	Comments
			Color	abundance/size/contrast		
0-12	N/A	wood debris				refused at 12 inches
*SD=Sand, SDL=Sandy Loam, L=Loam, SDCL=Sandy Clay Loam, S=Silt, SL=Silt Loam, SCL=Silty Clay Loam, CL=Clay Loam, C=Clay						
						Criteria Met: Yes
VEGETATION						
Tree Stratum (0%)		Status	% Cover	Herbaceous Stratum (100%)		Status % Cover
				<i>Phalaris arundinacea</i> *		FACW 40
				<i>Lotus corniculatus</i> *		FAC 20
				<i>Carex obnupta</i> *		OBL 20
				<i>Eleocharis ovata</i> *		OBL 20
Shrub Stratum (0%)		Status	% Cover	Woody Vine Stratum (0%)		Status % Cover
*Percent of dominant species FAC, FACW, or OBL: 100%				Criteria Met: Yes		
Comments: drainage swale in lumber yard						
						Determination: Wetland



Wetland Determination Data Form

Routine Onsite Method

Pacific Habitat Services, Inc.

Project: Molalla LWI		Number: 2250		Sample Site: BC-22E-71			
Applicant: City of Molalla		County: Clackamas		Date: 6/6/01			
Investigators: SE/PF		Township: 5S		Range: 2E Section: 17			
Do Normal Circumstances exist on this site? Yes		Is the area a potential Problem Area? No					
Is this an Atypical Situation? No							
HYDROLOGY		Primary Indicators		Secondary Indicators			
		Inundated		Ox. rhizospheres			
Depth of Surf. H2O		Sat. in Upper 12" Yes		H2O-stained leaves			
Depth to Free H2O 10 Inches		Water Marks		Local Soil Survey			
Depth to Saturation 4 Inches		Drift Lines		FAC Neutral Test			
		Sediment Deposits		Other			
		Drainage patterns Yes		Criteria Met: Yes			
SOILS		Mapped Series: Dayton silt loam		Hydric Soil?: Yes			
		Classification: Typic Albaqualfs		Drainage Class: poorly drained			
Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations		Other Hydric Soil Field Indicators	Comments	
			Color	abundance/size/contrast			
0-4	10YR 3/2	SL					
4-16	10G 2.5/1	C	10YR 5/6	common, coarse, prominent		gley	
*SD=Sand, SDL=Sandy Loam, L=Loam, SDCL=Sandy Clay Loam, S=Silt, SL=Silt Loam, SCL=Silty Clay Loam, CL=Clay Loam, C=Clay							
Criteria Met:						Yes	
VEGETATION							
Tree Stratum (0%)		Status	% Cover	Herbaceous Stratum (95%)		Status	% Cover
				<i>Equisetum arvense*</i>		FAC	30
				<i>Carex stipata</i>		OBL	10
				<i>Phalaris arundinacea</i>		FACW	10
				<i>Holcus lanatus*</i>		FAC	20
				<i>Festuca arundinacea</i>		FAC-	10
				<i>Myosotis discolor</i>		FACW	5
Shrub Stratum (5%)		Status	% Cover	<i>Agrostis tenuis</i>		FAC	10
<i>Fraxinus latifolia*</i>		FACW	100				
				Woody Vine Stratum (0%)		Status	% Cover
*Percent of dominant species FAC, FACW, or OBL: 100%				Criteria Met: Yes			
Comments:							
Determination:						Wetland	



Wetland Determination Data Form

Routine Onsite Method

Pacific Habitat Services, Inc.

Project: Molalla LWI		Number: 2250		Sample Site: BC-23A-72			
Applicant: City of Molalla		County: Clackamas		Date: 5/1/01			
Investigators: SE/PF		Township: 5S		Range: 2E Section: 16			
Do Normal Circumstances exist on this site? Yes		Is the area a potential Problem Area? No					
Is this an Atypical Situation? No							
HYDROLOGY		Primary Indicators		Secondary Indicators			
		Inundated		Ox. rhizospheres			
		Sat. in Upper 12" Yes		H2O-stained leaves			
Depth of Surf. H2O Inches		Water Marks		Local Soil Survey			
Depth to Free H2O 6 Inches		Drift Lines		FAC Neutral Test			
Depth to Saturation 4 Inches		Sediment Deposits		Other _____			
		Drainage patterns		Criteria Met: Yes			
SOILS		Mapped Series: Dayton silt loam		Hydric Soil?: Yes			
		Classification: Typic Albaqualfs		Drainage Class: poorly drained			
Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations		Other Hydric Soil Field Indicators	Comments	
			Color	abundance/size/contrast			
0-14	10YR 3/1	SCL	10YR 4/6	few, medium, distinct			
*SD=Sand, SDL=Sandy Loam, L=Loam, SDCL=Sandy Clay Loam, S=Silt, SL=Silt Loam, SCL=Silty Clay Loam, CL=Clay Loam, C=Clay							
						Criteria Met: Yes	
VEGETATION							
Tree Stratum (20%)		Status	% Cover	Herbaceous Stratum (30%)		Status	% Cover
<i>Fraxinus latifolia</i> *		FACW	100	<i>Impatiens noli-tangere</i> * <i>Phalaris arundinacea</i> *		FACW	20
						FACW	80
Shrub Stratum (35%)		Status	% Cover	Woody Vine Stratum (15%)		Status	% Cover
<i>Fraxinus latifolia</i> * <i>Spiraea douglasii</i> * <i>Rosa pisocarpa</i> *		FACW	40	<i>Rubus discolor</i> *		FACU	100
		FACW	35				
		FAC	25				
*Percent of dominant species FAC, FACW, or OBL: 86%						Criteria Met: Yes	
Comments:						Determination: Wetland	



Wetland Determination Data Form

Routine Onsite Method

Pacific Habitat Services, Inc.

Project: Molalla LWI		Number: 2250		Sample Site: BC-23A-73			
Applicant: City of Molalla		County: Clackamas		Date: 5/24/01			
Investigators: SE/FS		Township: 5S		Range: 2E Section: 16			
Do Normal Circumstances exist on this site? Yes		Is the area a potential Problem Area? No					
Is this an Atypical Situation? No							
HYDROLOGY		Primary Indicators		Secondary Indicators			
		Inundated		Ox. rhizospheres			
		Sat. in Upper 12"		H2O-stained leaves			
Depth of Surf. H2O Inches		Water Marks		Local Soil Survey			
Depth to Free H2O >13 Inches		Drift Lines		FAC Neutral Test			
Depth to Saturation >13 Inches		Sediment Deposits		Other _____			
		Drainage patterns		Criteria Met: No			
SOILS		Mapped Series: Dayton silt loam		Hydric Soil?: Yes			
		Classification: Typic Albaqualfs		Drainage Class: poorly drained			
Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations		Other Hydric Soil Field Indicators	Comments	
			Color	abundance/size/contrast			
0-13	10YR 3/2	SL				with cobble, common below 8 inches	
*SD=Sand, SDL=Sandy Loam, L=Loam, SDCL=Sandy Clay Loam, S=Silt, SL=Silt Loam, SCL=Silty Clay Loam, CL=Clay Loam, C=Clay							
Criteria Met: No							
VEGETATION							
Tree Stratum (0%)		Status	% Cover	Herbaceous Stratum (60%)		Status	% Cover
				<i>Festuca arundinacea</i> *		FAC-	50
				<i>Festuca rubra</i> *		FAC+	25
				<i>Daucus carota</i> *		UPL	20
				<i>Galium aparine</i>		FACU	5
Shrub Stratum (0%)		Status	% Cover	Woody Vine Stratum (40%)		Status	% Cover
				<i>Solanum dulcamara</i>		FAC+	10
				<i>Rubus discolor</i> *		FACU	90
*Percent of dominant species FAC, FACW, or OBL: 25%						Criteria Met: No	
Comments:						Determination: Upland	



Wetland Determination Data Form

Routine Onsite Method

Pacific Habitat Services, Inc.

Project: Molalla LWI		Number: 2250		Sample Site: BC-23A-74			
Applicant: City of Molalla		County: Clackamas		Date: 5/24/01			
Investigators: SE/FS		Township: 5S		Range: 2E Section: 16			
Do Normal Circumstances exist on this site? Yes		Is the area a potential Problem Area? No					
Is this an Atypical Situation? No							
HYDROLOGY			Primary Indicators		Secondary Indicators		
			Inundated		Ox. rhizospheres		
			Sat. in Upper 12" Yes		H2O-stained leaves Yes		
Depth of Surf. H2O 6 Inches			Water Marks		Local Soil Survey		
Depth to Free H2O 0 Inches			Drift Lines		FAC Neutral Test		
Depth to Saturation 0 Inches			Sediment Deposits		Other		
			Drainage patterns Yes		Criteria Met: Yes		
SOILS		Mapped Series: Dayton silt loam		Hydric Soil?: Yes			
		Classification: Typic Albaqualfs		Drainage Class: poorly drained			
Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations		Other Hydric Soil Field Indicators	Comments	
			Color	abundance/size/contrast			
0-8	10YR 3/1	SL	10YR 4/4	few, fine, distinct			
8-14	10YR 3/1	SCL	10YR 4/4	common, medium, distinct			
*SD=Sand, SDL=Sandy Loam, L=Loam, SDCL=Sandy Clay Loam, S=Silt, SL=Silt Loam, SCL=Silty Clay Loam, CL=Clay Loam, C=Clay							
Criteria Met: Yes							
VEGETATION							
Tree Stratum (80%)		Status	% Cover	Herbaceous Stratum (20%)		Status	% Cover
<i>Fraxinus latifolia</i> *		FACW	100	<i>Phalaris arundinacea</i> *		FACW	50
				<i>Poa trivialis</i> *		FACW	20
				<i>Epilobium watsonii</i> *		FACW-	20
				<i>Geum macrophyllum</i>		FACW-	5
Shrub Stratum (0%)		Status	% Cover	Woody Vine Stratum (0%)		Status	% Cover
*Percent of dominant species FAC, FACW, or OBL: 100%						Criteria Met: Yes	
Comments:						Determination: Wetland	



Wetland Determination Data Form Routine Onsite Method

Pacific Habitat Services, Inc.

Project: Molalla LWI		Number: 2250		Sample Site: BC-24B-75			
Applicant: City of Molalla		County: Clackamas		Date: 5/24/01			
Investigators: SE/FS		Township: 5S		Range: 2E Section: 16			
Do Normal Circumstances exist on this site? Yes		Is the area a potential Problem Area? No					
Is this an Atypical Situation? No							
HYDROLOGY		Primary Indicators		Secondary Indicators			
		Inundated		Ox. rhizospheres			
		Sat. in Upper 12" Yes		H2O-stained leaves			
Depth of Surf. H2O Inches		Water Marks		Local Soil Survey			
Depth to Free H2O 2 Inches		Drift Lines		FAC Neutral Test			
Depth to Saturation 0 Inches		Sediment Deposits		Other			
		Drainage patterns Yes		Criteria Met: Yes			
SOILS		Mapped Series: Dayton silt loam		Hydric Soil?: Yes			
		Classification: Typic Albaqualfs		Drainage Class: poorly drained			
Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations		Other Hydric Soil Field Indicators	Comments	
			Color	abundance/size/contrast			
0-6	10YR 2/1	SL	10YR 3/3	few, fine, faint		gravelly	
6-14	10YR 2/1	SL	10YR 3/3	few, fine, faint		gravelly	
*SD=Sand, SDL=Sandy Loam, L=Loam, SDCL=Sandy Clay Loam, S=Silt, SL=Silt Loam, SCL=Silty Clay Loam, CL=Clay Loam, C=Clay							
Criteria Met:						Yes	
VEGETATION							
Tree Stratum (0%)		Status	% Cover	Herbaceous Stratum (95%)		Status	% Cover
				<i>Carex stipata</i> *		OBL	20
				<i>Juncus effusus</i> *		FACW	20
				<i>Eleocharis palustris</i> *		OBL	20
				<i>Veronica americana</i>		OBL	10
				<i>Veronica scutellata</i>		OBL	5
				<i>Carex feta</i>		FACW	5
Shrub Stratum (5%)		Status	% Cover	<i>Myosotis discolor</i>		FACW	2
<i>Fraxinus latifolia</i> *		FACW	100	<i>Carex pellita</i>		NOL	10
				Woody Vine Stratum (0%)		Status	% Cover
*Percent of dominant species FAC, FACW, or OBL: 100%						Criteria Met:	Yes
Comments:							
Determination:						Wetland	



Wetland Determination Data Form

Routine Onsite Method

Pacific Habitat Services, Inc.

Project: Molalla LWI		Number: 2250		Sample Site: BC-24A-76			
Applicant: City of Molalla		County: Clackamas		Date: 5/24/01			
Investigators: SE/FS		Township: 5S		Range: 2E Section: 16			
Do Normal Circumstances exist on this site? Yes		Is the area a potential Problem Area? No					
Is this an Atypical Situation? No							
HYDROLOGY		Primary Indicators		Secondary Indicators			
		Inundated		Ox. rhizospheres Yes			
		Sat. in Upper 12" Yes		H2O-stained leaves			
Depth of Surf. H2O Inches		Water Marks		Local Soil Survey			
Depth to Free H2O >13 Inches		Drift Lines		FAC Neutral Test			
Depth to Saturation >5 Inches		Sediment Deposits		Other			
		Drainage patterns Yes		Criteria Met: Yes			
SOILS		Mapped Series: Dayton silt loam		Hydric Soil?: Yes			
		Classification: Typic Albaqualfs		Drainage Class: poorly drained			
Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations		Other Hydric Soil Field Indicators	Comments	
			Color	abundance/size/contrast			
0-7	10YR 3/2	SL					
7-9	10YR 3/1	SL					
9-13	10YR 3/1	SL	7.5YR 4/6	many, medium, distinct			
*SD=Sand, SDL=Sandy Loam, L=Loam, SDCL=Sandy Clay Loam, S=Silt, SL=Silt Loam, SCL=Silty Clay Loam, CL=Clay Loam, C=Clay							
						Criteria Met: Yes	
VEGETATION							
Tree Stratum (35%)		Status	% Cover	Herbaceous Stratum (25%)		Status	% Cover
<i>Fraxinus latifolia</i> *		FACW	40	<i>Phalaris arundinacea</i> *		FACW	60
<i>Salix sitchensis</i> *		FACW	20	<i>Carex stipata</i>		OBL	10
<i>Populus tremula</i>		FAC+	10	<i>Vicia americana</i>		FAC	5
<i>Salix scouleriana</i> *		FAC	30	<i>Festuca arundinacea</i>		FAC-	5
				<i>Festuca rubra</i> *		FAC+	20
Shrub Stratum (35%)		Status	% Cover	Woody Vine Stratum (5%)		Status	% Cover
<i>Salix scouleriana</i> *		FAC	25	<i>Rubus discolor</i> *		FACU	100
<i>Salix sitchensis</i> *		FACW	25				
<i>Fraxinus latifolia</i> *		FACW	45				
<i>Crataegus monogyna</i>		FACU+	5				
*Percent of dominant species FAC, FACW, or OBL: 89%						Criteria Met: Yes	
Comments:							
						Determination: Wetland	



Wetland Determination Data Form

Routine Onsite Method

Pacific Habitat Services, Inc.

Project: Molalla LWI		Number: 2250		Sample Site: BC-24A-77			
Applicant: City of Molalla		County: Clackamas		Date: 5/24/01			
Investigators: SE/FS		Township: 5S		Range: 2E Section: 16			
Do Normal Circumstances exist on this site? Yes		Is the area a potential Problem Area? No					
Is this an Atypical Situation? No							
HYDROLOGY		Primary Indicators		Secondary Indicators			
		Inundated		Ox. rhizospheres			
		Sat. in Upper 12"		H2O-stained leaves			
Depth of Surf. H2O Inches		Water Marks		Local Soil Survey			
Depth to Free H2O >14 Inches		Drift Lines		FAC Neutral Test			
Depth to Saturation >14 Inches		Sediment Deposits		Other _____			
		Drainage patterns		Criteria Met: No			
SOILS		Mapped Series: Dayton silt loam		Hydric Soil?: Yes			
		Classification: Typic Albaqualfs		Drainage Class: poorly drained			
Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations		Other Hydric Soil Field Indicators	Comments	
			Color	abundance/size/contrast			
0-14	10YR 2/2	SL					
*SD=Sand, SDL=Sandy Loam, L=Loam, SDCL=Sandy Clay Loam, S=Silt, SL=Silt Loam, SCL=Silty Clay Loam, CL=Clay Loam, C=Clay						Criteria Met: No	
VEGETATION							
Tree Stratum (0%)		Status	% Cover	Herbaceous Stratum (20%)		Status	% Cover
				<i>Festuca arundinacea</i> *		FAC-	20
				<i>Anthoxanthum odoratum</i> *		FACU	50
				<i>Daucus carota</i>		UPL	10
				<i>Chrysanthemum leucanthemum</i>		UPL	10
				<i>Festuca rubra</i>		FAC+	10
Shrub Stratum (40%)		Status	% Cover	Woody Vine Stratum (40%)		Status	% Cover
<i>Fraxinus latifolia</i> *		FACW	20				
<i>Cytisus scoparius</i> *		UPL	70	<i>Rubus discolor</i> *		FACU	100
<i>Amelanchier alnifolia</i>		FACU	5				
<i>Rosa eglanteria</i>		FACW	5				
*Percent of dominant species FAC, FACW, or OBL: 20%						Criteria Met: No	
Comments:							
						Determination: Upland	