



Wetland Determination Data Form

Routine Onsite Method

Pacific Habitat Services, Inc.

Project: Natural Resources Inventory		Number: 2613		Sample Site: 1		
Applicant: City of Corvallis		County: Benton		Date: 9/25/2002		
Investigators: JVS / PF		Township: 11S		Range: 5W Section: 11		
Do Normal Circumstances exist on this site? Yes		Is the area a potential Problem Area? No				
Is this an Atypical Situation? No						
HYDROLOGY			<u>Primary Indicators</u>		<u>Secondary Indicators</u>	
			Inundated		Ox. rhizospheres	
			Sat. in Upper 12"		H2O-stained leaves	
Depth of Surf. H2O Inches			Water Marks		Local Soil Survey	
Depth to Free H2O >15 Inches			Drift Lines		FAC Neutral Test	
Depth to Saturation >15 Inches			Sediment Deposits		Other _____	
			Drainage patterns		Criteria Met: No	
SOILS		Mapped Series: Waldo 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	SL				
10-15	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 (10%)		Status	% Cover	Herbaceous Stratum (70%)		Status % Cover
<i>Pryus communis</i> *		NOL	100	<i>Festuca arundinacea</i> *		FAC- 45
				<i>Daucus carota</i> *		UPL 30
				<i>Agrostis tenuis</i>		FAC 15
				<i>Cirsium vulgare</i>		FACU 10
Shrub Stratum (10%)		Status	% Cover	Woody Vine Stratum (10%)		Status % Cover
<i>Rosa nutkana</i> *		FAC	100	<i>Rubus discolor</i> *		FACU 100
*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: Natural Resources Inventory	Number: 2613	Sample Site: 2
Applicant: City of Corvallis	County: Benton	Date: 9/25/2002
Investigators: JVS / PF	Township: 11S	Range: 5W Section: 11
Do Normal Circumstances exist on this site? Yes		Is the area a potential Problem Area? No
Is this an Atypical Situation? No		

	<u>Primary Indicators</u>	<u>Secondary Indicators</u>
HYDROLOGY	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 Yes	Criteria Met: Yes

SOILS	Mapped Series: Waldo 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	10YR 3/2	CL	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
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VEGETATION							
Tree Stratum	(0%)	Status	% Cover	Herbaceous Stratum	(100%)	Status	
				<i>Carex densa</i> *		OBL	50
				<i>Holcus lanatus</i> *		FAC	20
				<i>Juncus effusus</i> *		FACW	20
				<i>Juncus patens</i>		FACW	5
				<i>Juncus tenuis</i>		FACW-	3
				<i>Cirsium vulgare</i>		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
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Comments:	Determination: Wetland
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Wetland Determination Data Form

Routine Onsite Method

Pacific Habitat Services, Inc.

Project: Natural Resources Inventory	Number: 2613	Sample Site: 4
Applicant: City of Corvallis	County: Benton	Date: 9/25/2002
Investigators: JVS / PF	Township: 11S	Range: 5W Section: 11
Do Normal Circumstances exist on this site? Yes		Is the area a potential Problem Area? No
Is this an Atypical Situation? No		

	<u>Primary Indicators</u>	<u>Secondary Indicators</u>
HYDROLOGY	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: Waldo 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		
0-8	10YR 3/2	SL			
8-16	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	(95%)	Status	% Cover
				<i>Festuca arundinacea</i> *		FAC-	20
				<i>Daucus carota</i> *		UPL	40
				<i>Agrostis tenuis</i> *		FAC	20
				<i>Geranium molle</i> *		UPL	20
Shrub Stratum	(0%)	Status	% Cover	Woody Vine Stratum	(5%)	Status	% Cover
				<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: Natural Resources Inventory		Number: 2613		Sample Site: 5		
Applicant: City of Corvallis		County: Benton		Date: 9/25/2002		
Investigators: JVS / PF		Township: 11S		Range: 5W Section: 14		
Do Normal Circumstances exist on this site? Yes		Is the area a potential Problem Area? No				
Is this an Atypical Situation? No						
HYDROLOGY			<u>Primary Indicators</u>		<u>Secondary Indicators</u>	
			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 Yes		Criteria Met: Yes	
SOILS		Mapped Series: Bashaw clay		Hydric Soil?: Yes		
		Classification: Xeric Endoaquerts		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	CL	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>Juncus effusus</i> *		FACW 40
				<i>Epilobium watsonii</i>		FACW- 10
				<i>Holcus lanatus</i> *		FAC 20
				<i>Mentha sp.</i>		FACW-OBL 10
				<i>Centaureum umbellatum</i>		FAC 5
				<i>Carex sp.</i>		FAC - FACW 10
Shrub Stratum (0%)		Status	% Cover	<i>Cirsium vulgare</i>		FACU 3
				<i>Sonchus asper</i>		FAC- 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: Natural Resources Inventory		Number: 2613		Sample Site: 6		
Applicant: City of Corvallis		County: Benton		Date: 9/20/2002		
Investigators: SE / LW		Township: 11S		Range: 5W Section: 10		
Do Normal Circumstances exist on this site? Yes		Is the area a potential Problem Area? No				
Is this an Atypical Situation? No						
HYDROLOGY			<u>Primary Indicators</u>		<u>Secondary Indicators</u>	
			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 >14 Inches			Drift Lines		FAC Neutral Test	
Depth to Saturation 0 Inches			Sediment Deposits		Other _____	
			Drainage patterns Yes		Criteria Met: Yes	
SOILS		Mapped Series: Waldo 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 2/2	organic				
5-14	10YR 2/1	mucky peat				
*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 (65%)		Status % Cover
<i>Alnus rubra</i> *		FAC	100	<i>Athyrium filix-femina</i> *		FAC 75
				<i>Oenanthe sarmentosa</i>		OBL 5
				<i>Carex obnupta</i> *		OBL 20
Shrub Stratum (5%)		Status	% Cover	Woody Vine Stratum (0%)		Status % Cover
<i>Cornus stolonifera</i> *		FACW	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: Natural Resources Inventory		Number: 2613		Sample Site: 7		
Applicant: City of Corvallis		County: Benton		Date: 9/20/2002		
Investigators: SE / LW		Township: 11S		Range: 5W Section: 10		
Do Normal Circumstances exist on this site? Yes		Is the area a potential Problem Area? No				
Is this an Atypical Situation? No						
HYDROLOGY			<u>Primary Indicators</u>		<u>Secondary Indicators</u>	
			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: Waldo 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	7.5YR 2.5/3	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 (50%)		Status	% Cover	Herbaceous Stratum (45%)		Status % Cover
<i>Abies grandis</i> *		FACU-	65	<i>Polystichum munitum</i> *		FACU 65
<i>Pseudotsuga menziesii</i> *		FACU	25	<i>Acer macrophyllum</i> (4" seedlings)		FACU 10
<i>Acer macrophyllum</i>		FACU	10	<i>Brachypodium sylvaticum</i>		FACU 10
				<i>Adenocaulon bicolor</i>		FACU 8
				<i>Galium aparine</i>		FACU 5
Shrub Stratum (5%)		Status	% Cover	Woody Vine Stratum (0%)		Status % Cover
<i>Corylus cornuta</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: Natural Resources Inventory	Number: 2613	Sample Site: 8
Applicant: City of Corvallis	County: Benton	Date: 9/25/2002
Investigators: JVS / PF	Township: 11S	Range: 5W Section: 14
Do Normal Circumstances exist on this site? Yes		Is the area a potential Problem Area? No
Is this an Atypical Situation? No		

	<u>Primary Indicators</u>	<u>Secondary Indicators</u>
HYDROLOGY	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: Bashaw clay	Hydric Soil?: Yes			
	Classification: Xeric Endoaquerts	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
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VEGETATION							
Tree Stratum	(40%)	Status	% Cover	Herbaceous Stratum	(40%)	Status	% Cover
<i>Fraxinus latifolia</i> *		FACW	100	<i>Festuca arundinacea</i> *		FAC-	80
				<i>Galium aparine</i> *		FACU	20
Shrub Stratum	(20%)	Status	% Cover	Woody Vine Stratum	(0%)	Status	% Cover
<i>Oemleria cerasiformis</i> *		FACU	50				
<i>Acer macrophyllum</i> *		FACU	50				

*Percent of dominant species FAC, FACW, or OBL: 20%	Criteria Met: No
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Comments:	Determination: Upland
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Wetland Determination Data Form

Routine Onsite Method

Pacific Habitat Services, Inc.

Project: Natural Resources Inventory	Number: 2613	Sample Site: 9
Applicant: City of Corvallis	County: Benton	Date: 10/9/2002
Investigators: PF	Township: 11S Range: 5W	Section: 24
Do Normal Circumstances exist on this site? Yes		Is the area a potential Problem Area? No
Is this an Atypical Situation? No		

	<u>Primary Indicators</u>	<u>Secondary Indicators</u>
HYDROLOGY	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: Bashaw clay	Hydric Soil?: Yes			
	Classification: Xeric Endoaquerts	Drainage Class: poorly drained			
Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations	Other Hydric Soil Field Indicators	Comments
0-14	10YR 2/1	C	Color	abundance/size/contrast	

*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
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VEGETATION							
Tree Stratum	(0%)	Status	% Cover	Herbaceous Stratum	(90%)	Status	% Cover
				<i>Festuca arundinacea*</i>		FAC-	50
				<i>Centaureum umbellatum</i>		FAC	10
				<i>Prunella vulgaris</i>		FACU+	5
				<i>Grindelia integrifolia</i>		FACW	5
				<i>Daucus carota</i>		UPL	10
				<i>Crepis setosa</i>		FACU	10
Shrub Stratum	(10%)	Status	% Cover	Woody Vine Stratum	(0%)	Status	% Cover
<i>Rosa sp.*</i>		FAC - FACW	100				

*Percent of dominant species FAC, FACW, or OBL: 50%	Criteria Met: No
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Comments:	Determination: Upland
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Wetland Determination Data Form

Routine Onsite Method

Pacific Habitat Services, Inc.

Project: Natural Resources Inventory		Number: 2613		Sample Site: 10		
Applicant: City of Corvallis		County: Benton		Date: 10/9/2002		
Investigators: PF		Township: 11S		Range: 5W Section: 24		
Do Normal Circumstances exist on this site? Yes		Is the area a potential Problem Area? No				
Is this an Atypical Situation? No						
HYDROLOGY			<u>Primary Indicators</u>		<u>Secondary Indicators</u>	
			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: Bashaw clay		Hydric Soil?: Yes		
		Classification: Xeric Endoaquerts		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 2/1	C	5YR 4/6	few, coarse, 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>Grindelia integrifolia</i> *		FACW 20
				<i>Mentha pulegium</i> *		OBL 50
				<i>Deschampsia cespitosa</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: Natural Resources Inventory		Number: 2613		Sample Site: 11		
Applicant: City of Corvallis		County: Benton		Date: 10/9/2002		
Investigators: PF		Township: 11S		Range: 5W Section: 24		
Do Normal Circumstances exist on this site? Yes		Is the area a potential Problem Area? No				
Is this an Atypical Situation? No						
HYDROLOGY			<u>Primary Indicators</u>		<u>Secondary Indicators</u>	
			Inundated		Ox. rhizospheres Yes	
			Sat. in Upper 12"		H2O-stained leaves Yes	
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: Bashaw clay		Hydric Soil?: Yes		
		Classification: Xeric Endoaquerts		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 2/1	C	5YR 4/6	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 (95%)		Status % Cover
				<i>Echinochloa crusgalli</i>		FACW 5
				<i>Mentha pulegium*</i>		OBL 20
				<i>Deschampsia cespitosa</i>		FACW 10
				<i>Rumex crispus</i>		FAC+ 5
				<i>Agrostis stolonifera*</i>		FAC 20
				<i>Beckmannia syzigachne</i>		OBL 15
Shrub Stratum (5%)		Status	% Cover	<i>Plagiobothrys figuratus</i>		FACW 5
<i>Salix lasiandra*</i>		FACW+	40	<i>Agrostis tenuis</i>		FAC 10
<i>Rosa sp.*</i>		FAC - FACW	60	<i>Rorippa curvisiliqua</i>		OBL 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: Natural Resources Inventory		Number: 2613		Sample Site: 12		
Applicant: City of Corvallis		County: Benton		Date: 10/9/2002		
Investigators: PF		Township: 11S		Range: 5W Section: 24		
Do Normal Circumstances exist on this site? Yes		Is the area a potential Problem Area? No				
Is this an Atypical Situation? No						
HYDROLOGY			<u>Primary Indicators</u>		<u>Secondary Indicators</u>	
			Inundated		Ox. rhizospheres	
			Sat. in Upper 12"		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 >10 Inches			Sediment Deposits		Other _____	
			Drainage patterns		Criteria Met: No	
SOILS		Mapped Series: Bashaw clay		Hydric Soil?: Yes		
		Classification: Xeric Endoaquerts		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 2/1 10YR 4/3	C SCL				refused at 10 inches disturbed, mixed soils
*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 vulgare</i>		FACU 10
				<i>Madia glomerata*</i>		FACU+ 20
				<i>Daucus carota*</i>		UPL 30
				<i>Deschampsia cespitosa</i>		FACW 5
				<i>Agrostis tenuis*</i>		FAC 20
				<i>Grindelia integrifolia</i>		FACW 5
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: Natural Resources Inventory	Number: 2613	Sample Site: 13
Applicant: City of Corvallis	County: Benton	Date: 7/25/2002
Investigators: FS / SE	Township: 11S	Range: 5W Section: 21
Do Normal Circumstances exist on this site? Yes		Is the area a potential Problem Area? No
Is this an Atypical Situation? No		

	<u>Primary Indicators</u>	<u>Secondary Indicators</u>
HYDROLOGY	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 Yes	Criteria Met: Yes

SOILS	Mapped Series: Philomath silty clay	Hydric Soil?: No			
	Classification: Vertic Haploxerolls	Drainage Class: well drained			
Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations	Other Hydric Soil Field Indicators	Comments
			Color	abundance/size/contrast	
0-3	10YR 3/2	SL			
3-14	10YR 3/1	SCL	2.5YR 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
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VEGETATION						
Tree Stratum	(0%)	Status	% Cover	Herbaceous Stratum	(100%)	Status
				<i>Juncus effusus</i> *		FACW
				<i>Juncus ensifolius</i>		45
				<i>Holcus lanatus</i> *		FACW
				<i>Dipsacus sylvestris</i> *		5
				<i>Madia sativa</i>		FAC
						20
						FAC
						20
						UPL
						10
Shrub Stratum	(0%)	Status	% Cover	Woody Vine Stratum	(0%)	Status

*Percent of dominant species FAC, FACW, or OBL: 100%	Criteria Met: Yes
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Comments:	Determination: Wetland
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Wetland Determination Data Form

Routine Onsite Method

Pacific Habitat Services, Inc.

Project: Natural Resources Inventory		Number: 2613		Sample Site: 14		
Applicant: City of Corvallis		County: Benton		Date: 7/25/2002		
Investigators: FS / SE		Township: 11S		Range: 5W Section: 21		
Do Normal Circumstances exist on this site? Yes		Is the area a potential Problem Area? No				
Is this an Atypical Situation? No						
HYDROLOGY			<u>Primary Indicators</u>		<u>Secondary Indicators</u>	
			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: Philomath silty clay		Hydric Soil?: No		
		Classification: Vertic Haploxerolls		Drainage Class: well drained		
Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations		Other Hydric Soil Field Indicators	
			Color	abundance/size/contrast	Comments	
0-5	7.5YR 2.5/2	SL				
5-14	10YR 3/2	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: No	
VEGETATION						
Tree Stratum (0%)		Status	% Cover	Herbaceous Stratum (100%)		Status % Cover
				<i>Daucus carota</i> *		UPL 25
				<i>Polygonum monspeliensis</i> *		FACW 20
				<i>Plantago lanceolata</i> *		FAC 20
				<i>Arrhenatherum elatius</i>		UPL 10
				<i>Madia sativa</i>		UPL 5
				<i>Epilobium paniculatum</i>		UPL 5
Shrub Stratum (0%)		Status	% Cover	<i>Chrysanthemum leucanthemum</i>		UPL 3
				<i>Holcus lanatus</i>		FAC 2
				<i>Centaureum umbellatum</i>		FAC 3
Woody Vine Stratum (0%)		Status	% Cover	<i>Taeniatherum caput-medusae</i>		UPL 3
				<i>Boisduvalia densiflora</i>		FACW- 3
				<i>Agropyron repens</i>		FAC- 1
*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: Natural Resources Inventory		Number: 2613		Sample Site: 15		
Applicant: City of Corvallis		County: Benton		Date: 7/25/2002		
Investigators: FS / SE		Township: 11S		Range: 5W Section: 21		
Do Normal Circumstances exist on this site? Yes		Is the area a potential Problem Area? No				
Is this an Atypical Situation? No						
HYDROLOGY			<u>Primary Indicators</u>		<u>Secondary Indicators</u>	
			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: Philomath silty clay		Hydric Soil?: No		
		Classification: Vertic Haploxerolls		Drainage Class: well drained		
Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations		Other Hydric Soil Field Indicators	Comments
			Color	abundance/size/contrast		
0-5	10YR 2/2	SCL	7.5YR 4/6	few, fine, faint		
5-12+	10YR 2/2	SCL	7.5YR 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>Juncus patens*</i>		FACW 35
				<i>Juncus tenuis*</i>		FACW- 20
				<i>Alopecurus pratensis</i>		FACW 10
				<i>Madia sativa</i>		UPL 10
				<i>Holcus lanatus</i>		FAC 10
				<i>Juncus effusus</i>		FACW 5
Shrub Stratum (0%)		Status	% Cover	<i>Boisduvalia densiflora</i>		FACW- 5
				<i>Juncus ensifolius</i>		FACW 2
				<i>Rumex salicifolius</i>		FACW 2
				<i>Anthemis cotula</i>		FACU 1
				Woody Vine Stratum (0%)		Status % Cover
					Criteria Met: Yes	
*Percent of dominant species FAC, FACW, or OBL: 100%						
Comments:					Determination: Wetland	



Wetland Determination Data Form

Routine Onsite Method

Pacific Habitat Services, Inc.

Project: Natural Resources Inventory		Number: 2613		Sample Site: 16			
Applicant: City of Corvallis		County: Benton		Date: 11/6/2002			
Investigators: SE / ME		Township: 11S		Range: 5W Section: 20			
Do Normal Circumstances exist on this site? Yes		Is the area a potential Problem Area? No					
Is this an Atypical Situation? No							
HYDROLOGY			<u>Primary Indicators</u>		<u>Secondary Indicators</u>		
			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: Philomath silty clay		Hydric Soil?: No			
		Classification: Vertic Haploxerolls		Drainage Class: well drained			
Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations		Other Hydric Soil Field Indicators	Comments	
			Color	abundance/size/contrast			
0-8	10YR 2/1	SCL					
8-14	10YR 2/1	SCL				90%	
	10YR 5/8	SD				10%	
*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>Juncus effusus</i> *		FACW	70
				<i>Holcus lanatus</i>		FAC	7
				<i>Cirsium arvense</i>		FACU+	3
				<i>Athyrium filix-femina</i>		FAC	10
				<i>Juncus ensifolius</i>		FACW	2
				<i>Brachypodium sylvaticum</i>		UPL	6
Shrub Stratum (10%)		Status	% Cover	Woody Vine Stratum (10%)		Status	% Cover
<i>Fraxinus latifolia</i> *		FACW	100	<i>Rubus discolor</i> *		FACU	100
*Percent of dominant species FAC, FACW, or OBL: 67%					Criteria Met: Yes		
Comments: Adjacent to perennial spring. Localized ponding at the surface.					Determination: Wetland		



Wetland Determination Data Form

Routine Onsite Method

Pacific Habitat Services, Inc.

Project: Natural Resources Inventory		Number: 2613		Sample Site: 17		
Applicant: City of Corvallis		County: Benton		Date: 11/6/2002		
Investigators: SE / ME		Township: 11S		Range: 5W Section: 20		
Do Normal Circumstances exist on this site? Yes		Is the area a potential Problem Area? No				
Is this an Atypical Situation? No						
HYDROLOGY			<u>Primary Indicators</u>		<u>Secondary Indicators</u>	
			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: Philomath silty clay		Hydric Soil?: No		
		Classification: Vertic Haploxerolls		Drainage Class: well drained		
Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations		Other Hydric Soil Field Indicators	Comments
			Color	abundance/size/contrast		
0-8	10YR 2/1	SCL				90% 10% unconsolidated bed rock
8-14	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 (25%)		Status	% Cover	Herbaceous Stratum (35%)		Status % Cover
<i>Quercus garryana</i> *		UPL	65	<i>Brachypodium sylvaticum</i> *		UPL 90
<i>Fraxinus latifolia</i> *		FACW	35	<i>Pteridium aquilinum</i>		FACU 10
Shrub Stratum (25%)		Status	% Cover	Woody Vine Stratum (15%)		Status % Cover
<i>Rosa multiflora</i> *		UPL	100	<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: Natural Resources Inventory		Number: 2613		Sample Site: 18	
Applicant: City of Corvallis		County: Benton		Date: 8/7/2002	
Investigators: FS / SE		Township: 11S		Range: 5W Section: 22	
Do Normal Circumstances exist on this site? Yes		Is the area a potential Problem Area? No			
Is this an Atypical Situation? No					
HYDROLOGY		<u>Primary Indicators</u>		<u>Secondary Indicators</u>	
		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 >12 Inches		Drift Lines		FAC Neutral Test	
Depth to Saturation >12 Inches		Sediment Deposits		Other _____	
		Drainage patterns Yes		Criteria Met: Yes	
SOILS		Mapped Series: Bashaw clay		Hydric Soil?: Yes	
		Classification: Xeric Endoaquerts		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 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 (90%)	
				<i>Juncus acuminatus*</i> OBL 30 <i>Holcus lanatus</i> FAC 15 <i>Parentucellia viscosa</i> FAC- 5 <i>Centaureium umbellatum</i> FAC 5 <i>Boisduvalia densiflora</i> FACW- 15 <i>Juncus tenuis</i> FACW- 10	
Shrub Stratum (10%)		Status	% Cover	<i>Navarretia intertexta</i> FACW 10 <i>Epilobium watsonii</i> FACW- 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: Natural Resources Inventory		Number: 2613		Sample Site: 19		
Applicant: City of Corvallis		County: Benton		Date: 8/7/2002		
Investigators: FS / SE		Township: 11S		Range: 5W Section: 22		
Do Normal Circumstances exist on this site? Yes		Is the area a potential Problem Area? No				
Is this an Atypical Situation? No						
HYDROLOGY			<u>Primary Indicators</u>		<u>Secondary Indicators</u>	
			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: Philomath silty clay		Hydric Soil?: No		
		Classification: Vertic Haploxerolls		Drainage Class: well drained		
Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations		Other Hydric Soil Field Indicators	Comments
			Color	abundance/size/contrast		
0-12	10YR 2/1	CL				
*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>Cirsium arvense*</i>		FACU+ 20
				<i>Cirsium vulgare</i>		FACU 10
				<i>Festuca arundinacea*</i>		FAC- 30
				<i>Holcus lanatus</i>		FAC 2
				<i>Vicia tetrasperma</i>		UPL 8
				<i>Daucus carota</i>		UPL 10
Shrub Stratum (5%)		Status	% Cover	<i>Madia glomerata</i>		FACU+ 5
<i>Fraxinus latifolia*</i>		FACW	50	<i>Sonchus asper</i>		FAC- 15
<i>Crataegus monogyna*</i>		FACU+	50	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: Natural Resources Inventory		Number: 2613		Sample Site: 20			
Applicant: City of Corvallis		County: Benton		Date: 8/7/2002			
Investigators: FS / SE		Township: 11S		Range: 5W Section: 22			
Do Normal Circumstances exist on this site? Yes		Is the area a potential Problem Area? No					
Is this an Atypical Situation? No							
HYDROLOGY		<u>Primary Indicators</u>		<u>Secondary Indicators</u>			
		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 Yes		Criteria Met: Yes			
SOILS		Mapped Series: Bashaw clay		Hydric Soil?: Yes			
		Classification: Xeric Endoaquerts		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	C					
6-14	10YR 2/1	C	10YR 4/4	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 (90%)		Status	% Cover
				<i>Phalaris arundinacea</i> *		FACW	40
				<i>Holcus lanatus</i> *		FAC	20
				<i>Festuca arundinacea</i>		FAC-	10
				<i>Carex densa</i>		OBL	10
				<i>Boisduvalia densiflora</i>		FACW-	5
				<i>Juncus tenuis</i>		FACW-	5
Shrub Stratum (10%)		Status	% Cover	<i>Madia sativa</i>		UPL	5
<i>Fraxinus latifolia</i> *		FACW	90	<i>Cirsium arvense</i>		FACU+	5
<i>Crataegus monogyna</i>		FACU+	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: Natural Resources Inventory		Number: 2613		Sample Site: 21		
Applicant: City of Corvallis		County: Benton		Date: 6/6/2002		
Investigators: SE / LW		Township: 11S		Range: 5W Section: 20		
Do Normal Circumstances exist on this site? Yes		Is the area a potential Problem Area? No				
Is this an Atypical Situation? No						
HYDROLOGY		<u>Primary Indicators</u>		<u>Secondary Indicators</u>		
		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: Bashaw clay		Hydric Soil?: Yes		
		Classification: Xeric Endoaquerts		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	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 (35%)		Status	% Cover	Herbaceous Stratum (30%)		Status % Cover
<i>Fraxinus latifolia</i> *		FACW	100	<i>Brachypodium sylvaticum</i> *		NOL 95
				<i>Poa trivialis</i>		FACW 3
				<i>Festuca arundinacea</i>		FAC- 2
Shrub Stratum (30%)		Status	% Cover	Woody Vine Stratum (5%)		Status % Cover
<i>Crataegus douglasii</i> *		FAC	20	<i>Rubus discolor</i> *		FACU 100
<i>Rosa eglanteria</i> *		FACW	30			
<i>Salix sitchensis</i> *		FACW	35			
<i>Rhus diversiloba</i>		UPL	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: Natural Resources Inventory		Number: 2613		Sample Site: 22			
Applicant: City of Corvallis		County: Benton		Date: 8/7/2002			
Investigators: FS / SE		Township: 11S		Range: 5W Section: 22			
Do Normal Circumstances exist on this site? Yes		Is the area a potential Problem Area? No					
Is this an Atypical Situation? No							
HYDROLOGY			<u>Primary Indicators</u>		<u>Secondary Indicators</u>		
			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: Hazelair complex		Hydric Soil?: No			
		Classification: Aquultic Haploxerolls		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	7.5YR 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 (10%)		Status	% Cover	Herbaceous Stratum (50%)		Status	% Cover
<i>Prunus avium</i> *		UPL	100	<i>Hypericum perforatum</i> *		UPL	20
				<i>Holcus lanatus</i> *		FAC	30
				<i>Festuca arundinacea</i> *		FAC-	20
				<i>Vicia tetrasperma</i>		UPL	15
				<i>Chrysanthemum leucanthemum</i>		UPL	10
				<i>Aira elegans</i>		UPL	5
Shrub Stratum (15%)		Status	% Cover	Woody Vine Stratum (25%)		Status	% Cover
<i>Fraxinus latifolia</i>		FACW	10	<i>Rubus discolor</i> *		FACU	100
<i>Crataegus monogyna</i> *		FACU+	30				
<i>Rhus diversiloba</i> *		UPL	40				
<i>Rosa eglanteria</i> *		FACW	20				
*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: Natural Resources Inventory		Number: 2613		Sample Site: 23		
Applicant: City of Corvallis		County: Benton		Date: 8/14/2002		
Investigators: SE/LW		Township: 11S		Range: 5W Section: 22		
Do Normal Circumstances exist on this site? Yes		Is the area a potential Problem Area? No				
Is this an Atypical Situation? No						
HYDROLOGY		<u>Primary Indicators</u>		<u>Secondary Indicators</u>		
		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 >14 Inches		Drift Lines		FAC Neutral Test		
Depth to Saturation 0 Inches		Sediment Deposits		Other _____		
		Drainage patterns Yes		Criteria Met: Yes		
SOILS		Mapped Series: Bashaw clay		Hydric Soil?: Yes		
		Classification: Xeric Endoaquerts		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	CL				
*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 (15%)		Status	% Cover	Herbaceous Stratum (70%)		Status % Cover
<i>Alnus rubra</i> *		FAC	60	<i>Juncus effusus</i> *		FACW 55
<i>Salix piperi</i> *		FACW	40	<i>Veronica americana</i>		OBL 15
				<i>Typha latifolia</i>		OBL 2
				<i>Epilobium watsonii</i>		FACW- 3
				<i>Brachypodium sylvaticum</i> *		UPL 25
Shrub Stratum (0%)		Status	% Cover	Woody Vine Stratum (15%)		Status % Cover
				<i>Rubus discolor</i> *		FACU 100
*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: Natural Resources Inventory	Number: 2613	Sample Site: 24
Applicant: City of Corvallis	County: Benton	Date: 8/14/2002
Investigators: SE/LW	Township: 11S	Range: 5W Section: 22
Do Normal Circumstances exist on this site? Yes		Is the area a potential Problem Area? No
Is this an Atypical Situation? No		

	<u>Primary Indicators</u>	<u>Secondary Indicators</u>
HYDROLOGY	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: Bashaw clay	Hydric Soil?: Yes			
	Classification: Xeric Endoaquerts	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 2/1	CL			
8-14	10YR 2/1	CL	10YR 3/3	common, 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	(20%)	Status	% Cover
				<i>Brachypodium sylvaticum*</i>		UPL	100
Shrub Stratum	(70%)	Status	% Cover	Woody Vine Stratum	(10%)	Status	% Cover
<i>Prunus domestica*</i>		UPL	75	<i>Rubus discolor*</i>		FACU	90
<i>Rosa eglanteria*</i>		FACW	25	<i>Rubus ursinus</i>		FACU	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: Natural Resources Inventory	Number: 2613	Sample Site: 25
Applicant: City of Corvallis	County: Benton	Date: 6/6/2002
Investigators: SE / LW	Township: 11S	Range: 5W Section: 20
Do Normal Circumstances exist on this site? Yes		Is the area a potential Problem Area? No
Is this an Atypical Situation? No		

	<u>Primary Indicators</u>	<u>Secondary Indicators</u>
HYDROLOGY	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: Bashaw clay	Hydric Soil?: Yes
	Classification: Xeric Endoaquerts	Drainage Class: poorly drained

Depth (Inches)	Matrix Color	Soil Texture*	<u>Redox Concentrations</u>		Other Hydric Soil Field Indicators	Comments
			Color	abundance/size/contrast		
0-14	10YR 2.5/1	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
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VEGETATION						
Tree Stratum	(0%)	Status	% Cover	Herbaceous Stratum	(100%)	Status
				<i>Festuca arundinacea</i> *		FAC-
				<i>Chrysanthemum leucanthemum</i> *		20
				<i>Bromus mollis</i> *		UPL
				<i>Danthonia californica</i>		20
				<i>Prunella vulgaris</i>		FACU
				<i>Aira caryophyllea</i> *		10
						FACU+
						5
						UPL
						20
Shrub Stratum	(0%)	Status	% Cover	Woody Vine Stratum	(0%)	Status
						% Cover

*Percent of dominant species FAC, FACW, or OBL: 0%	Criteria Met: No
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Comments:	Determination: Upland
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Wetland Determination Data Form

Routine Onsite Method

Pacific Habitat Services, Inc.

Project: Natural Resources Inventory		Number: 2613		Sample Site: 26		
Applicant: City of Corvallis		County: Benton		Date: 6/6/2002		
Investigators: SE / LW		Township: 11S		Range: 5W Section: 20		
Do Normal Circumstances exist on this site? Yes		Is the area a potential Problem Area? No				
Is this an Atypical Situation? No						
HYDROLOGY			<u>Primary Indicators</u>		<u>Secondary Indicators</u>	
			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 11 Inches			Drift Lines		FAC Neutral Test	
Depth to Saturation 4 Inches			Sediment Deposits		Other _____	
			Drainage patterns		Criteria Met: Yes	
SOILS		Mapped Series: Bashaw clay		Hydric Soil?: Yes		
		Classification: Xeric Endoaquerts		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 2.5/1	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 balticus*</i>		FACW+ 40
				<i>Brachypodium sylvaticum*</i>		UPL 35
				<i>Cirsium arvense</i>		FACU+ 15
				<i>Dipsacus sylvestris</i>		FAC 5
				<i>Carex densa</i>		OBL 5
Shrub Stratum (0%)		Status	% Cover	Woody Vine Stratum (0%)		Status % Cover
*Percent of dominant species FAC, FACW, or OBL:				50%		Criteria Met: No
Comments: Mosaic area						Determination: Upland



Wetland Determination Data Form

Routine Onsite Method

Pacific Habitat Services, Inc.

Project: Natural Resources Inventory		Number: 2613		Sample Site: 27		
Applicant: City of Corvallis		County: Benton		Date: 6/6/2002		
Investigators: SE / LW		Township: 11S		Range: 5W Section: 20		
Do Normal Circumstances exist on this site? Yes		Is the area a potential Problem Area? No				
Is this an Atypical Situation? No						
HYDROLOGY		<u>Primary Indicators</u>		<u>Secondary Indicators</u>		
		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: Philomath silty clay		Hydric Soil?: No		
		Classification: Vertic Haploxerolls		Drainage Class: well drained		
Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations		Other Hydric Soil Field Indicators	Comments
			Color	abundance/size/contrast		
0-14	10YR 2/2	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: No
VEGETATION						
Tree Stratum (0%)		Status	% Cover	Herbaceous Stratum (95%)		Status % Cover
				<i>Festuca arundinacea</i> *		FAC- 45
				<i>Chrysanthemum leucanthemum</i> *		UPL 20
				<i>Holcus lanatus</i>		FAC 10
				<i>Daucus carota</i> *		UPL 20
				<i>Brachypodium sylvaticum</i>		NOL 5
Shrub Stratum (5%)		Status	% Cover	Woody Vine Stratum (0%)		Status % Cover
<i>Rosa eglanteria</i> *		FACW	50			
<i>Crataegus monogyna</i> *		FACU+	50			
*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: Natural Resources Inventory		Number: 2613		Sample Site: 28		
Applicant: City of Corvallis		County: Benton		Date: 6/6/2002		
Investigators: SE / LW		Township: 11S		Range: 5W Section: 20		
Do Normal Circumstances exist on this site? Yes		Is the area a potential Problem Area? No				
Is this an Atypical Situation? No						
HYDROLOGY			<u>Primary Indicators</u>		<u>Secondary Indicators</u>	
			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 >14 Inches			Drift Lines		FAC Neutral Test	
Depth to Saturation 0 Inches			Sediment Deposits		Other _____	
			Drainage patterns		Criteria Met: Yes	
SOILS		Mapped Series: Bashaw clay		Hydric Soil?: Yes		
		Classification: Xeric Endoaquerts		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	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 (5%)		Status	% Cover	Herbaceous Stratum (95%)		Status % Cover
<i>Fraxinus latifolia</i> *		FACW	100	<i>Festuca arundinacea</i> *		FAC- 25
				<i>Carex lanuginosa</i>		OBL 10
				<i>Eleocharis palustris</i> *		OBL 20
				<i>Poa palustris</i> *		FAC 20
				<i>Carex densa</i>		OBL 10
				<i>Carex unilateralis</i>		FACW 5
Shrub Stratum (0%)		Status	% Cover	<i>Holcus lanatus</i>		FAC 5
				<i>Carex pachystachya</i>		FAC 5
				Woody Vine Stratum (0%)		Status % Cover
*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: Natural Resources Inventory		Number: 2613		Sample Site: 29		
Applicant: City of Corvallis		County: Benton		Date: 7/3/2002		
Investigators: ME / SE		Township: 11S		Range: 5W Section: 28		
Do Normal Circumstances exist on this site? Yes		Is the area a potential Problem Area? No				
Is this an Atypical Situation? No						
HYDROLOGY			<u>Primary Indicators</u>		<u>Secondary Indicators</u>	
			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 Yes		Criteria Met: Yes	
SOILS		Mapped Series: Bashaw clay		Hydric Soil?: Yes		
		Classification: Xeric Endoaquerts		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 3/1	SCL				
7-11	10YR 2/2	SCL	10YR 3/4	common, fine, distinct		
11-14	10YR 2/2	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: Yes	
VEGETATION						
Tree Stratum (0%)		Status	% Cover	Herbaceous Stratum (95%)		Status % Cover
				<i>Juncus effusus</i> *		FACW 30
				<i>Juncus patens</i> *		FACW 20
				<i>Holcus lanatus</i> *		FAC 15
				<i>Lotus corniculatus</i> *		FAC 15
				<i>Hypericum perforatum</i>		UPL 10
				<i>Epilobium watsonii</i>		FACW- 5
Shrub Stratum (0%)		Status	% Cover	<i>Juncus balticus</i>		FACW+ 5
				Woody Vine Stratum (5%)		Status % Cover
				<i>Rubus discolor</i> *		FACU 100
*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: Natural Resources Inventory		Number: 2613		Sample Site: 30		
Applicant: City of Corvallis		County: Benton		Date: 7/3/2002		
Investigators: ME / SE		Township: 11S		Range: 5W Section: 28		
Do Normal Circumstances exist on this site? Yes		Is the area a potential Problem Area? No				
Is this an Atypical Situation? No						
HYDROLOGY			<u>Primary Indicators</u>		<u>Secondary Indicators</u>	
			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: Bashaw clay		Hydric Soil?: Yes		
		Classification: Xeric Endoaquerts		Drainage Class: poorly drained		
Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations		Other Hydric Soil Field Indicators	Comments
			Color	abundance/size/contrast		
0-9	7.5YR 3/3	SL				
9-14	7.5YR 3/3	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 (5%)		Status	% Cover	Herbaceous Stratum (90%)		Status % Cover
<i>Quercus garryana</i> *		UPL	100	<i>Chrysanthemum leucanthemum</i>		UPL 10
				<i>Daucus carota</i>		UPL 8
				<i>Festuca arundinacea</i> *		FAC- 30
				<i>Festuca rubra</i> *		FAC+ 30
				<i>Hypochaeris radicata</i>		FACU 5
				<i>Hypericum perforatum</i>		UPL 5
Shrub Stratum (5%)		Status	% Cover	<i>Trifolium repens</i>		FAC 10
<i>Rhus diversiloba</i> *		UPL	90	<i>Carex deweyana</i>		FACU 2
<i>Crataegus monogyna</i>		FACU+	10	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: Natural Resources Inventory		Number: 2613		Sample Site: 31		
Applicant: City of Corvallis		County: Benton		Date: 8/23/2002		
Investigators: ME / SE		Township: 11S		Range: 5W Section: 28		
Do Normal Circumstances exist on this site? Yes		Is the area a potential Problem Area? No				
Is this an Atypical Situation? No						
HYDROLOGY			<u>Primary Indicators</u>		<u>Secondary Indicators</u>	
			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 Yes		Criteria Met: Yes	
SOILS		Mapped Series: Bashaw clay		Hydric Soil?: Yes		
		Classification: Xeric Endoaquerts		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				
6-14	2.5Y 2.5/1	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 (15%)		Status	% Cover	Herbaceous Stratum (75%)		Status % Cover
<i>Fraxinus latifolia</i> *		FACW	100	<i>Equisetum arvense</i> *		FAC 50
				<i>Agrostis stolonifera</i> *		FAC 40
				<i>Veronica americana</i>		OBL 3
				<i>Geum macrophyllum</i>		FACW- 2
				<i>Polygonum sp.</i>		FACW - OBL 5
Shrub Stratum (0%)		Status	% Cover	Woody Vine Stratum (10%)		Status % Cover
				<i>Rubus discolor</i> *		FACU 100
*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: Natural Resources Inventory	Number: 2613	Sample Site: 32
Applicant: City of Corvallis	County: Benton	Date: 7/3/2002
Investigators: ME / SE	Township: 11S	Range: 5W Section: 28
Do Normal Circumstances exist on this site? Yes		Is the area a potential Problem Area? No
Is this an Atypical Situation? No		

	<u>Primary Indicators</u>	<u>Secondary Indicators</u>
HYDROLOGY	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: Bashaw clay	Hydric Soil?: Yes				
	Classification: Xeric Endoaquerts	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 3/3	SCL				
6-14	10YR 3/3	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
				<i>Festuca arundinacea*</i>		FAC-
						100
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: Natural Resources Inventory		Number: 2613		Sample Site: 33		
Applicant: City of Corvallis		County: Benton		Date: 8/23/2002		
Investigators: ME / SE		Township: 11S		Range: 5W Section: 28		
Do Normal Circumstances exist on this site? Yes		Is the area a potential Problem Area? No				
Is this an Atypical Situation? No						
HYDROLOGY			<u>Primary Indicators</u>		<u>Secondary Indicators</u>	
			Inundated		Ox. rhizospheres	
			Sat. in Upper 12"		H2O-stained leaves	
Depth of Surf. H20 Inches			Water Marks		Local Soil Survey	
Depth to Free H20 >16 Inches			Drift Lines		FAC Neutral Test	
Depth to Saturation >16 Inches			Sediment Deposits		Other _____	
			Drainage patterns		Criteria Met: No	
SOILS		Mapped Series: Bashaw clay		Hydric Soil?: Yes		
		Classification: Xeric Endoaquerts		Drainage Class: 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				
*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 (20%)		Status % Cover
<i>Acer macrophyllum</i> *		FACU	95	<i>Geum macrophyllum</i> *		FACW- 20
<i>Pseudotsuga menziesii</i>		FACU	5	<i>Polystichum munitum</i> *		FACU 80
Shrub Stratum (15%)		Status	% Cover	Woody Vine Stratum (5%)		Status % Cover
<i>Oemleria cerasiformis</i>		FACU	92	<i>Rubus ursinus</i> *		FACU 85
<i>Symphoricarpos albus</i>		FACU	8	<i>Rubus discolor</i>		FACU 15
*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: Natural Resources Inventory	Number: 2613	Sample Site: 34
Applicant: City of Corvallis	County: Benton	Date: 7/3/2002
Investigators: ME / SE	Township: 11S	Range: 5W Section: 28
Do Normal Circumstances exist on this site? Yes		Is the area a potential Problem Area? No
Is this an Atypical Situation? No		

	<u>Primary Indicators</u>	<u>Secondary Indicators</u>
HYDROLOGY	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: Bashaw clay	Hydric Soil?: Yes			
	Classification: Xeric Endoaquerts	Drainage Class: poorly drained			
Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations	Other Hydric Soil Field Indicators	Comments
0-14	7.5YR 3/1	CL	Color	abundance/size/contrast	

*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>Chrysanthemum leucanthemum</i> *		UPL	25
				<i>Festuca arundinacea</i> *		FAC-	25
				<i>Alopecurus pratensis</i> *		FACW	25
				<i>Holcus lanatus</i>		FAC	10
				<i>Prunella vulgaris</i>		FACU+	10
				<i>Crataegus monogyna</i> seedling		FACU+	5
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: Natural Resources Inventory	Number: 2613	Sample Site: 35
Applicant: City of Corvallis	County: Benton	Date: 7/3/2002
Investigators: ME / SE	Township: 11S	Range: 5W Section: 28
Do Normal Circumstances exist on this site? Yes		Is the area a potential Problem Area? No
Is this an Atypical Situation? No		

	<u>Primary Indicators</u>	<u>Secondary Indicators</u>
HYDROLOGY	Inundated	Ox. rhizospheres
Depth of Surf. H2O Inches	Sat. in Upper 12" Yes	H2O-stained leaves
Depth to Free H2O 11 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: Bashaw clay	Hydric Soil?: Yes			
	Classification: Xeric Endoaquerts	Drainage Class: poorly drained			
Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations	Other Hydric Soil Field Indicators	Comments
			Color	abundance/size/contrast	
0-16	10YR 3/1	SCL	7.5YR 5/8	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
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VEGETATION						
Tree Stratum	(0%)	Status	% Cover	Herbaceous Stratum	(100%)	Status
				<i>Juncus effusus</i>		FACW
				<i>Festuca arundinacea</i>		FAC-
				<i>Holcus lanatus</i> *		25
				<i>Agrostis tenuis</i> *		FAC
				<i>Lotus corniculatus</i>		20
				<i>Typha latifolia</i> *		FAC
						5
						OBL
						30
Shrub Stratum	(0%)	Status	% Cover	Woody Vine Stratum	(0%)	Status
						% Cover

*Percent of dominant species FAC, FACW, or OBL: 100%	Criteria Met: Yes
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Comments:	Determination: Wetland
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Wetland Determination Data Form

Routine Onsite Method

Pacific Habitat Services, Inc.

Project: Natural Resources Inventory		Number: 2613		Sample Site: 36		
Applicant: City of Corvallis		County: Benton		Date: 7/3/2002		
Investigators: ME / SE		Township: 11S		Range: 5W Section: 28		
Do Normal Circumstances exist on this site? Yes		Is the area a potential Problem Area? No				
Is this an Atypical Situation? No						
HYDROLOGY			<u>Primary Indicators</u>		<u>Secondary Indicators</u>	
			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 >15 Inches			Drift Lines		FAC Neutral Test	
Depth to Saturation >15 Inches			Sediment Deposits		Other _____	
			Drainage patterns Yes		Criteria Met: Yes	
SOILS		Mapped Series: Bashaw clay		Hydric Soil?: Yes		
		Classification: Xeric Endoaquerts		Drainage Class: poorly drained		
Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations		Other Hydric Soil Field Indicators	Comments
			Color	abundance/size/contrast		
0-15	10YR 3/1					
*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 (50%)		Status % Cover
<i>Fraxinus latifolia</i> *		FACW	50	<i>Juncus effusus</i> *		FACW 15
<i>Crataegus douglasii</i> *		FAC	50	<i>Juncus acuminatus</i>		OBL 10
				<i>Holcus lanatus</i> *		FAC 25
				<i>Festuca arundinacea</i> *		FAC- 25
				<i>Lotus corniculatus</i> *		FAC 15
				<i>Vicia hirsuta</i>		UPL 10
Shrub Stratum (20%)		Status	% Cover	Woody Vine Stratum (10%)		Status % Cover
<i>Salix piperi</i> *		FACW	70	<i>Rubus discolor</i> *		FACU 100
<i>Crataegus monogyna</i> *		FACU+	20			
<i>Rosa sp.</i>		FAC - FACW	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: Natural Resources Inventory	Number: 2613	Sample Site: 37
Applicant: City of Corvallis	County: Benton	Date: 7/3/2002
Investigators: ME / SE	Township: 11S	Range: 5W Section: 28
Do Normal Circumstances exist on this site? Yes		Is the area a potential Problem Area? No
Is this an Atypical Situation? No		

	<u>Primary Indicators</u>	<u>Secondary Indicators</u>
HYDROLOGY	Inundated	Ox. rhizospheres
	Sat. in Upper 12"	H2O-stained leaves
Depth of Surf. H2O Inches	Water Marks	Local Soil Survey
Depth to Free H2O >15 Inches	Drift Lines	FAC Neutral Test
Depth to Saturation >15 Inches	Sediment Deposits	Other _____
	Drainage patterns	Criteria Met: No

SOILS	Mapped Series: Bashaw clay	Hydric Soil?: Yes			
	Classification: Xeric Endoaquerts	Drainage Class: poorly drained			
Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations	Other Hydric Soil Field Indicators	Comments
			Color abundance/size/contrast		
0-15	7.5YR 3/1	CL			

*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
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VEGETATION						
Tree Stratum	(0%)	Status	% Cover	Herbaceous Stratum	(100%)	Status % Cover
				<i>Chrysanthemum leucanthemum</i> *		UPL 20
				<i>Festuca arundinacea</i> *		FAC- 45
				<i>Trifolium repens</i> *		FAC 20
				<i>Prunella vulgaris</i>		FACU+ 5
				<i>Hypochaeris radicata</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
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Comments:	Determination: Upland
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Wetland Determination Data Form

Routine Onsite Method

Pacific Habitat Services, Inc.

Project: Natural Resources Inventory		Number: 2613		Sample Site: 38		
Applicant: City of Corvallis		County: Benton		Date: 7/3/2002		
Investigators: ME / SE		Township: 11S		Range: 5W Section: 28		
Do Normal Circumstances exist on this site? Yes		Is the area a potential Problem Area? No				
Is this an Atypical Situation? No						
HYDROLOGY			<u>Primary Indicators</u>		<u>Secondary Indicators</u>	
			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 >14 Inches			Drift Lines		FAC Neutral Test	
Depth to Saturation 0 Inches			Sediment Deposits		Other _____	
			Drainage patterns Yes		Criteria Met: Yes	
SOILS		Mapped Series: Bashaw clay		Hydric Soil?: Yes		
		Classification: Xeric Endoaquerts		Drainage Class: poorly drained		
Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations		Other Hydric Soil Field Indicators	Comments
			Color	abundance/size/contrast		
0-15	7.5YR 2.5/1	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 (40%)		Status	% Cover	Herbaceous Stratum (50%)		Status % Cover
<i>Fraxinus latifolia</i> *		FACW	100	<i>Oenanthe sarmentosa</i> *		OBL 70
				<i>Solanum dulcamara</i>		FAC+ 15
				<i>Poa trivialis</i>		FACW 10
				<i>Equisetum hyemale</i>		FACW 5
Shrub Stratum (10%)		Status	% Cover	Woody Vine Stratum (0%)		Status % Cover
<i>Crataegus douglasii</i> *		FAC	70			
<i>Crataegus monogyna</i>		FACU+	10			
<i>Rosa multiflora</i>		UPL	10			
<i>Rosa nutkana</i>		FAC	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: Natural Resources Inventory		Number: 2613		Sample Site: 39			
Applicant: City of Corvallis		County: Benton		Date: 7/3/2002			
Investigators: ME / SE		Township: 11S		Range: 5W Section: 28			
Do Normal Circumstances exist on this site? Yes		Is the area a potential Problem Area? No					
Is this an Atypical Situation? No							
HYDROLOGY							
			<u>Primary Indicators</u>		<u>Secondary Indicators</u>		
			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 Yes		Criteria Met: Yes		
SOILS							
Mapped Series: Bashaw clay			Hydric Soil?: Yes				
Classification: Xeric Endoaquerts			Drainage Class: poorly drained				
Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations		Other Hydric Soil Field Indicators	Comments	
			Color	abundance/size/contrast			
0-14	7.5YR 3/1	CL					
*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>Festuca arundinacea</i> *		FAC-	20
				<i>Holcus lanatus</i> *		FAC	30
				<i>Lotus corniculatus</i>		FAC	7
				<i>Chrysanthemum leucanthemum</i>		UPL	10
				<i>Fraxinus latifolia</i> seedling		FACW	3
Shrub Stratum (0%)		Status	% Cover	<i>Vicia hirsuta</i>		UPL	7
				<i>Prunella vulgaris</i>		FACU+	3
				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: Natural Resources Inventory		Number: 2613		Sample Site: 40		
Applicant: City of Corvallis		County: Benton		Date: 7/19/2002		
Investigators: SE / ME		Township: 11S		Range: 5W Section: 28		
Do Normal Circumstances exist on this site? Yes		Is the area a potential Problem Area? No				
Is this an Atypical Situation? No						
HYDROLOGY			<u>Primary Indicators</u>		<u>Secondary Indicators</u>	
			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 Yes		Criteria Met: Yes	
SOILS		Mapped Series: Dixonville silty clay loam		Hydric Soil?: No		
		Classification: Pachic Ultic Argixerolls		Drainage Class: well drained		
Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations		Other Hydric Soil Field Indicators	Comments
			Color	abundance/size/contrast		
0-3	10YR 3/3	SCL				gravel in top 3 inches
3-10	10YR 2/1	CL				
10-14	7.5YR 3/2	CL	10YR 5/8			
*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 (97%)		Status % Cover
				<i>Juncus tenuis</i> *		FACW- 35
				<i>Juncus effusus</i> *		FACW 35
				<i>Centaurium umbellatum</i>		FAC 5
				<i>Holcus lanatus</i>		FAC 5
				<i>Alopecurus pratensis</i>		FACW 3
				<i>Agrostis tenuis</i>		FAC 7
Shrub Stratum (3%)		Status	% Cover	<i>Hypochaeris radicata</i>		FACU 10
<i>Fraxinus latifolia</i> *		FACW	95			
<i>Rhus diversiloba</i>		UPL	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: Natural Resources Inventory	Number: 2613	Sample Site: 41
Applicant: City of Corvallis	County: Benton	Date: 7/18/2002
Investigators: SE / ME	Township: 11S	Range: 5W Section: 28
Do Normal Circumstances exist on this site? Yes		Is the area a potential Problem Area? No
Is this an Atypical Situation? No		

	<u>Primary Indicators</u>	<u>Secondary Indicators</u>
HYDROLOGY	Inundated	Ox. rhizospheres
	Sat. in Upper 12"	H2O-stained leaves
Depth of Surf. H2O Inches	Water Marks	Local Soil Survey
Depth to Free H2O >15 Inches	Drift Lines	FAC Neutral Test
Depth to Saturation >15 Inches	Sediment Deposits	Other _____
	Drainage patterns Yes	Criteria Met: Yes

SOILS	Mapped Series: Philomath silty clay	Hydric Soil?: No
	Classification: Vertic Haploxerolls	Drainage Class: well drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations		Other Hydric Soil Field Indicators	Comments
			Color	abundance/size/contrast		
0-15	10YR 4/1	SCL	10YR 5/8	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
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VEGETATION						
Tree Stratum	(0%)	Status	% Cover	Herbaceous Stratum	(100%)	Status
				<i>Juncus effusus</i>		FACW
				<i>Holcus lanatus</i>		FAC
				<i>Typha latifolia*</i>		OBL
				<i>Festuca arundinacea</i>		FAC-
				<i>Lotus corniculatus</i>		FAC
				<i>Equisetum arvense</i>		FAC
				<i>Cirsium arvense</i>		FACU+
Shrub Stratum	(0%)	Status	% Cover	Woody Vine Stratum	(0%)	Status

*Percent of dominant species FAC, FACW, or OBL: 100%	Criteria Met: Yes
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Comments:	Determination: Wetland
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Wetland Determination Data Form

Routine Onsite Method

Pacific Habitat Services, Inc.

Project: Natural Resources Inventory	Number: 2613	Sample Site: 42
Applicant: City of Corvallis	County: Benton	Date: 7/19/2002
Investigators: SE / ME	Township: 11S	Range: 5W Section: 28
Do Normal Circumstances exist on this site? Yes		Is the area a potential Problem Area? No
Is this an Atypical Situation? No		

	<u>Primary Indicators</u>	<u>Secondary Indicators</u>
HYDROLOGY	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: Dixonville silty clay loam	Hydric Soil?: No			
	Classification: Pachic Ultic Argixerolls	Drainage Class: well drained			
Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations	Other Hydric Soil Field Indicators	Comments
			Color abundance/size/contrast		
0-14	10YR 3/3 10YR 3/2	SCL			80 / 20 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: No
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VEGETATION							
Tree Stratum (35%)	Status	% Cover	Herbaceous Stratum (5%)	Status	% Cover		
<i>Quercus garryana</i> *	UPL	100	<i>Dactylis glomerata</i> *	FACU	30		
			<i>Polypogon monspeliensis</i> *			FACW	40
			<i>Festuca arundinacea</i>			FAC-	5
			<i>Poa sp.</i>				5
			<i>grazed grass (unindentifiable)</i>				15
			<i>Fragaria sp.</i>		5		
Shrub Stratum (60%)	Status	% Cover	Woody Vine Stratum (0%)	Status	% Cover		
<i>Rhus diversiloba</i> *	UPL	85		FACW	10		
			<i>Rosa eglanteria</i>				5
			<i>Crataegus monogyna</i>			FACU+	

*Percent of dominant species FAC, FACW, or OBL: 25%	Criteria Met: No
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Comments:	Determination: Upland
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Wetland Determination Data Form

Routine Onsite Method

Pacific Habitat Services, Inc.

Project: Natural Resources Inventory		Number: 2613		Sample Site: 43		
Applicant: City of Corvallis		County: Benton		Date: 7/18/2002		
Investigators: SE / ME		Township: 11S		Range: 5W Section: 28		
Do Normal Circumstances exist on this site? Yes		Is the area a potential Problem Area? No				
Is this an Atypical Situation? No						
HYDROLOGY			<u>Primary Indicators</u>		<u>Secondary Indicators</u>	
			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: Philomath silty clay		Hydric Soil?: No		
		Classification: Vertic Haploxerolls		Drainage Class: well drained		
Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations		Other Hydric Soil Field Indicators	Comments
			Color	abundance/size/contrast		
0-11	10YR 3/2	SL				
11-14	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 (0%)		Status	% Cover	Herbaceous Stratum (80%)		Status % Cover
				<i>Festuca arundinacea*</i>		FAC- 45
				<i>Cirsium arvense*</i>		FACU+ 20
				<i>Holcus lanatus</i>		FAC 10
				<i>Hypericum perforatum</i>		UPL 5
				<i>Vicia sativa</i>		UPL 5
				<i>Centaurea pratensis</i>		UPL 10
Shrub Stratum (15%)		Status	% Cover	<i>Agrostis tenuis</i>		FAC 5
<i>Rhus diversiloba*</i>		UPL	35	Woody Vine Stratum (5%)		Status % Cover
<i>Crataegus monogyna*</i>		FACU+	55			
<i>Cytisus scoparius</i>		UPL	10	<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: Natural Resources Inventory		Number: 2613		Sample Site: 44		
Applicant: City of Corvallis		County: Benton		Date: 7/18/2002		
Investigators: SE / ME		Township: 11S		Range: 5W Section: 28		
Do Normal Circumstances exist on this site? Yes		Is the area a potential Problem Area? No				
Is this an Atypical Situation? No						
HYDROLOGY			<u>Primary Indicators</u>		<u>Secondary Indicators</u>	
			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: Philomath silty clay		Hydric Soil?: No		
		Classification: Vertic Haploxerolls		Drainage Class: well 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	10YR 5/6	common, medium, prominent		
6-14	10YR 4/1	SCL	10YR 5/6	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 (15%)		Status	% Cover	Herbaceous Stratum (85%)		Status % Cover
<i>Salix hookeriana</i> *			100	<i>Phalaris arundinacea</i> *		FACW 40
				<i>Oenanthе sarmentosa</i> *		OBL 40
				<i>Typha latifolia</i>		OBL 8
				<i>Stachys cooleyae</i>		FACW 5
				<i>Scirpus microcarpus</i>		OBL 4
				<i>Equisetum arvense</i>		FAC 3
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: Natural Resources Inventory		Number: 2613		Sample Site: 45		
Applicant: City of Corvallis		County: Benton		Date: 10/3/2002		
Investigators: SE / ME		Township: 11S		Range: 5W Section: 27		
Do Normal Circumstances exist on this site? Yes		Is the area a potential Problem Area? No				
Is this an Atypical Situation? No						
HYDROLOGY			<u>Primary Indicators</u>		<u>Secondary Indicators</u>	
			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: Dixonville silty clay loam		Hydric Soil?: No		
		Classification: Pachic Ultic Argixerolls		Drainage Class: well drained		
Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations		Other Hydric Soil Field Indicators	Comments
			Color	abundance/size/contrast		
0-16	10YR 5/4	SCL				25%
	10YR 5/3	SL	10YR 5/6 & 10YR 6/8 (many, medium, distinct)			25%
	10YR 4/2	SL				50%
*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- 65
				<i>Daucus carota*</i>		UPL 20
				<i>Rumex crispus</i>		FAC+ 3
				<i>Hypochaeris radicata</i>		FACU 12
Shrub Stratum (0%)		Status	% Cover	Woody Vine Stratum (30%)		Status % Cover
				<i>Rubus discolor*</i>		FACU 100
*Percent of dominant species FAC, FACW, or OBL: 0%					Criteria Met: No	
Comments: Sample site near asphalt path through the park. Soils include mixed fill material.						
					Determination: Upland	



Wetland Determination Data Form

Routine Onsite Method

Pacific Habitat Services, Inc.

Project: Natural Resources Inventory		Number: 2613		Sample Site: 46		
Applicant: City of Corvallis		County: Benton		Date: 7/18/2002		
Investigators: SE / ME		Township: 11S		Range: 5W Section: 28		
Do Normal Circumstances exist on this site? Yes		Is the area a potential Problem Area? No				
Is this an Atypical Situation? No						
HYDROLOGY			<u>Primary Indicators</u>		<u>Secondary Indicators</u>	
			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 Yes		Criteria Met: Yes	
SOILS		Mapped Series: Bashaw Clay		Hydric Soil?: Yes		
		Classification: Xeric Endoaquerts		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				
8-14	10YR 3/1	CL				
*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>Centaurea pratensis</i> *		UPL 40
				<i>Agrostis tenuis</i>		FAC 20
				<i>Festuca rubra</i>		FAC+ 5
				<i>Alopecurus pratensis</i>		FACW 5
				<i>Festuca arundinacea</i>		FAC- 5
				<i>Chrysanthemum leucanthemum</i>		UPL 5
Shrub Stratum (10%)		Status	% Cover	<i>Centaurium umbellatum</i>		FAC 5
<i>Crataegus monogyna</i> *		FACU+	85	<i>Fragaria virginiana</i>		FACU 15
<i>Quercus garryana</i>		UPL	15	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: Natural Resources Inventory		Number: 2613		Sample Site: 47		
Applicant: City of Corvallis		County: Benton		Date: 10/3/2002		
Investigators: SE / ME		Township: 11S		Range: 5W Section: 27		
Do Normal Circumstances exist on this site? No		Is the area a potential Problem Area? No				
Is this an Atypical Situation? Yes						
HYDROLOGY			<u>Primary Indicators</u>		<u>Secondary Indicators</u>	
			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: Dixonville silty clay loam		Hydric Soil?: No		
		Classification: Pachic Ultic Argixerolls		Drainage Class: well drained		
Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations		Other Hydric Soil Field Indicators	Comments
			Color	abundance/size/contrast		
0-6	10YR 3/2	SL				
6-12	10YR 3/1	SCL			Mn 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>Festuca arundinacea</i> *		FAC- 45
				<i>Holcus lanatus</i> *		FAC 30
				<i>Juncus effusus</i>		FACW 5
				<i>Epilobium watsonii</i>		FACW- 5
				<i>Cirsium vulgare</i>		FACU 5
				<i>Alopecurus pratensis</i>		FACW 10
Shrub Stratum (0%)		Status	% Cover	Woody Vine Stratum (0%)		Status % Cover
*Percent of dominant species FAC, FACW, or OBL: 50%				Criteria Met: N/A		
Comments: The vegetation did not meet wetland criteria because the wetland is within a city park.						
The area is planted in tall fescue and frequently mowed and maintained.					Determination: Wetland	



Wetland Determination Data Form

Routine Onsite Method

Pacific Habitat Services, Inc.

Project: Natural Resources Inventory		Number: 2613		Sample Site: 48			
Applicant: City of Corvallis		County: Benton		Date: 7/19/2002			
Investigators: SE / ME		Township: 11S		Range: 5W Section: 28			
Do Normal Circumstances exist on this site? Yes		Is the area a potential Problem Area? No					
Is this an Atypical Situation? No							
HYDROLOGY		<u>Primary Indicators</u>		<u>Secondary Indicators</u>			
		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 Yes		Criteria Met: Yes			
SOILS		Mapped Series: Bashaw clay		Hydric Soil?: Yes			
		Classification: Xeric Endoaquerts		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 2.5/1	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>Festuca arundinacea</i> *		FAC-	35
				<i>Holcus lanatus</i> *		FAC	20
				<i>Alopecurus pratensis</i> *		FACW	20
				<i>Daucus carota</i>		UPL	3
				<i>Vicia tetrasperma</i>		UPL	5
				<i>Parentucellia viscosa</i>		FAC-	5
Shrub Stratum (0%)		Status	% Cover	<i>Centaurium umbellatum</i>		FAC	2
				<i>Agrostis tenuis</i>		FAC	10
				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: Natural Resources Inventory	Number: 2613	Sample Site: 49
Applicant: City of Corvallis	County: Benton	Date: 7/19/2002
Investigators: SE / ME	Township: 11S	Range: 5W Section: 28
Do Normal Circumstances exist on this site? Yes		Is the area a potential Problem Area? No
Is this an Atypical Situation? No		

	<u>Primary Indicators</u>	<u>Secondary Indicators</u>
HYDROLOGY	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: Bashaw clay	Hydric Soil?: Yes			
	Classification: Xeric Endoaquerts	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	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
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VEGETATION							
Tree Stratum	(0%)	Status	% Cover	Herbaceous Stratum	(85%)	Status	% Cover
				<i>Holcus lanatus</i> *		FAC	20
				<i>Avena sativa</i> *		UPL	25
				<i>Festuca arundinacea</i> *		FAC-	15
				<i>Daucus carota</i>		UPL	10
				<i>Chrysanthemum leucanthemum</i>		UPL	5
				<i>Parentucellia viscosa</i>		FAC-	5
Shrub Stratum	(5%)	Status	% Cover	<i>Agrostis tenuis</i> *		FAC	15
<i>Crataegus monogyna</i> *		FACU+	100	<i>Juncus effusus</i>		FACW	3
				<i>Hypericum perforatum</i>		UPL	2
	Woody Vine Stratum			(10%)	Status	% Cover	<i>Rubus discolor</i> *

*Percent of dominant species FAC, FACW, or OBL: 33%	Criteria Met: No
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Comments:	Determination: Upland
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Wetland Determination Data Form

Routine Onsite Method

Pacific Habitat Services, Inc.

Project: Natural Resources Inventory	Number: 2613	Sample Site: 50
Applicant: City of Corvallis	County: Benton	Date: 10/3/2002
Investigators: SE / ME	Township: 11S	Range: 5W Section: 28
Do Normal Circumstances exist on this site? Yes		Is the area a potential Problem Area? No
Is this an Atypical Situation? No		

	<u>Primary Indicators</u>	<u>Secondary Indicators</u>
HYDROLOGY	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: Hazelair complex		Hydric Soil?: No		
		Classification: Aquultic Haploxerolls		Drainage Class: moderately well 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				
8-16	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
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VEGETATION						
Tree Stratum	(0%)	Status	% Cover	Herbaceous Stratum	(100%)	Status
				<i>Festuca arundinacea</i> *		FAC-
				<i>Daucus carota</i> *		47
				<i>Trifolium pratense</i>		UPL
				<i>Hypochaeris radicata</i>		40
						5
						8
Shrub Stratum	(0%)	Status	% Cover	Woody Vine Stratum	(0%)	Status
						% Cover

*Percent of dominant species FAC, FACW, or OBL: 0%	Criteria Met: No
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Comments:	Determination: Upland
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