APPENDIX A: Study Area Information

Appendix D

Locally Significant Wetland Determination Sheets





	Project Name:	Molalla LWI	Wetland:	MR-1
Pi	oject Location:	Clackamas County	Approx. Area (acres):	0.05
	Date:	4/25/01	Wetland Types(s):	PEM
Exc	lusions: This wet	land cannot be designated a	s significant if the	
		swer to any of the criteria b		
1		ficially created entirely from		
a.	created for the pur	pose of controlling, storing, o	r maintaining stormwater	No
	is used for active s		No	
		a free and open connection to		No
		and created unintentionally fr		No
		pose of wastewater treatment,	The state of the s	
	-	liment settling, cooling indust		No
		ortion of the wetland contami		
1	substances, materi	als or wastes as per the condit	ions of ORS 141-86-350 1(b)	No
			Exclusion criteria satisfied?	No No
Section of the sectio	A STATE OF THE PARTY OF THE PAR	gnificant Wetland Criteria : '		
		the answer to any of the cr		
		provide diverse wildlife habita	ut?	No
		h habitat function intact?		No
		iter quality function intact?		No
		drologic control function inta		No
		than 1/4 mile from a water bo		
		ed water body (303(d) list) an		
200000000000000000000000000000000000000		ter quality function intact, or	*	No
		contain a rare plant communit	50/	No
		bited by any species listed fee		
1		te listed as sensitive, threatene	94.50	No
		nave a direct surface water cor		
		as habitat for indigenous and		T Na
		h habitat function intact, or in	t Wetland criteria satisfied?	No No
0				
		ificant Wetland Criteria: loc		
		significant if "Yes" is the an		
		epresent a locally unique nativiliation in the interest in the	Annual Control of the	
		uauje nabuai or nabuai jor so vacted or degraded fish habita	The state of the s	
		vacted or degraded jish nabita vacted or degraded water qua		
		vacted or degraded water qua vacted or degraded hydrologic		No
		icly owned and used by a sch	2	INO
		rovide educational uses?	oor or organization and	No
			t Wotland criteria satisfied ?	No No
	U	puonai Locany Significan	t Wetland criteria satisfied?	INU



Project Name	: Molalla LWI	Wetland:	MR-2	
Project Locatio	n: Clackamas County	Approx. Area (acres):	0.9	
Date:	OFF-SITE	Wetland Types(s):	PEM, PF	O
Exclusions: This	wetland cannot be designated :	as significant if the		
动,建建筑	answer to any of the criteria l			
1 Is this wetland	d artificially created entirely from	upland and:	-	
a. created for the	e purpose of controlling, storing, of	or maintaining stormwater		No
	ive surface mining or as a log por			No
c. is a ditch with	out a free and open connection to	natural waters of the state		No
d. is less than 1 a	acre and created unintentionally fi	om irrigation or construction		No
	e purpose of wastewater treatment			
	, sediment settling, cooling indus			No
	or portion of the wetland contam			
substances, m	aterials or wastes as per the condi			No
		Exclusion criteria satisfied?	多時代的基礎 基礎	No
Mandatory Local	ly Significant Wetland Criteria:	This wetland is locally		
	s" is the answer to any of the cr		1	
1	and provide diverse wildlife habit	at?		No
	's fish habitat function intact?			No
	's water quality function intact?		Yes	
	's hydrologic control function into			No
	less than 1/4 mile from a water b			
10 20 (E) N (F)	limited water body (303(d) list) ar			
the state of the s	's water quality function intact, or			No
	and contain a rare plant communi	± .		No
	inhabited by any species listed fe			
	r state listed as sensitive, threaten			No
1-2 100 112-123-1 100-114-114-114-114-114-114-114-114-114-	and have a direct surface water co			
	OFW as habitat for indigenous and			NI I
	s fish habitat function intact, or in		Yes	No
	Mandatory Locally Significan		res	7,000
	Significant Wetland Criteria : loc			
	d as significant if "Yes" is the a			
120,000	and represent a locally unique nati	•		
98	se wildlife habitat or habitat for s	-		
	r impacted or degraded fish habit			
	r impacted or degraded water qua			NI.
	r impacted or degraded hydrologi			No
	publicly owned and used by a sch	nool or organization and		NI-
does the wetla	nd provide educational uses?	137 (1 1 1 1 1 1 1 1 1 1 1 1 1		No
	Optional Locally Significan	t Wetland criteria satisfied ?		No



Project Name:	Molalla LWI	Wetland:	MR-3f
Project Location:	Clackamas County	Approx. Area (acres):	0.3
Date:	4/25/01	Wetland Types(s):	PEMf
Exclusions: This we	tland cannot be designated :	as significant if the	
The state of the s	nswer to any of the criteria l		
1 Is this wetland art	ificially created entirely from	upland and:	
	rpose of controlling, storing, of		No
The state of the s	surface mining or as a log por		No
	a free and open connection to		No
	and created unintentionally fi		No
1	rpose of wastewater treatment	1907 St. 4-1	
A STATE OF THE PARTY OF THE PAR	diment settling, cooling indus		No
	portion of the wetland contam	-	
substances, mater	ials or wastes as per the condi	tions of ORS 141-86-350 1(b)	No
		Exclusion criteria satisfied?	No No
	ignificant Wetland Criteria:		v v
	s the answer to any of the cr		
	provide diverse wildlife habit	at?	No
	sh habitat function intact?		No
	ater quality function intact?		No
	ydrologic control function into		No
The state of the s	s than 1/4 mile from a water b	The state of the s	
	ted water body (303(d) list) ar		
	ater quality function intact, or		No
	contain a rare plant communi	(A)	No
	abited by any species listed fe		
	te listed as sensitive, threaten		No
are the	have a direct surface water co		
	V as habitat for indigenous and		T N.
	h habitat function intact, or in		No
		nt Wetland criteria satisfied?	No
The second secon	ificant Wetland Criteria : lo		
	significant if "Yes" is the a		
The second second	represent a locally unique nat		
1. A. T. S.	vildlife habitat or habitat for s		
-	pacted or degraded fish habit		
	pacted or degraded water qua		
	pacted or degraded hydrologi		No
	licly owned and used by a sch	nool or organization <u>and</u>	N
	provide educational uses?	130/41-1-14-1-16-19	No
0	ptional Locally Significan	t Wetland criteria satisfied?	No /



Project Name: Project Location: Date: Exclusions: This we	Clackamas County OFF-SITE	Approx. Area (acres):	0.61				
	OFF CITE		0.01				
Exclusions: This w	OFF-SITE	Wetland Types(s):	PSS				
WALLES AND A STREET OF THE SECOND STREET	etland cannot be designated as	significant if the	A. Seller				
	answer to any of the criteria be						
	rtificially created entirely from u						
	urpose of controlling, storing, or		No				
b. is used for active	b. is used for active surface mining or as a log pond c is a ditch without a free and open connection to natural waters of the state						
c. is a ditch withou	c. is a ditch without a free and open connection to natural waters of the state						
d. is less than 1 acr	L is less than 1 acre and created unintentionally from irrigation or construction						
e. created for the pi	urpose of wastewater treatment,	cranberry production,					
	ediment settling, cooling industri		No				
1965	portion of the wetland contamir						
substances, mate	rials or wastes as per the condition		No				
		Exclusion criteria satisfied?	No				
Mandatory Locally S	Significant Wetland Criteria : T	his wetland is locally					
	is the answer to any of the crit						
	l provide <i>diverse wildlife habitat</i>	?	No				
	ish habitat function intact?		No				
	vater quality function intact?		No				
	ydrologic control function intac		Yes				
	ss than 1/4 mile from a water boo						
	ited water body (303(d) list) and						
	vater quality function intact, or i		No				
	l contain a rare plant community		No				
	habited by any species listed fed	•					
	ate listed as sensitive, threatened		No				
	have a direct surface water com						
	W as habitat for indigenous anad ish habitat function intact, or im		No				
	andatory Locally Significant		Yes				
			1 0				
	nificant Wetland Criteria: loca s significant if "Yes" is the ans						
	represent a locally unique nativ						
	wildlife habitat or habitat for so						
	npacted or degraded fish habitat	· ·					
	npacted or degraded water quali						
	npacted or degraded hydrologic		. No				
	blicly owned and used by a scho		1,0				
	provide educational uses?	and the second s	No				
	Optional Locally Significant	Wetland criteria satisfied ?	No				



Project Name:	Molalla LWI	Wetland:	CC-2
Project Location:	Clackamas County	Approx. Area (acres):	1.25
Date:	OFF-SITE	Wetland Types(s):	PEM
Exclusions: This wetl	and cannot be designated as		
	swer to any of the criteria be		
	icially created entirely from up		_
	oose of controlling, storing, or		No
b. is used for active su	irface mining or as a log pond		No
c. is a ditch without a	free and open connection to na	atural waters of the state	No
d. is less than 1 acre a	nd created unintentionally from	n irrigation or construction	No
e. created for the purp	ose of wastewater treatment, c	ranberry production,	
farm watering, sedi	ment settling, cooling industria	al water, or a golf hazard	No
2 Is the wetland or po	ortion of the wetland contamina	ated by hazardous	
substances, materia	ls or wastes as per the condition		No
	I	Exclusion criteria satisfied?	No
Mandatory Locally Sig	nificant Wetland Criteria : Tl	his wetland is locally	
significant if "Yes" is	the answer to any of the crite	eria below.	
1 Does the wetland p	rovide diverse wildlife habitat	?	No
	habitat function intact?		No
	ter quality function intact?		No
	rologic control function intact		No
	than 1/4 mile from a water bod		
the state of the s	d water body.(303(d) list) and		
	er quality function intact, or in		No
	ontain a rare plant community?		No
	pited by any species listed fede		
_	e listed as sensitive, threatened		No
	ave a direct surface water conn		
	as habitat for indigenous anad		
	habitat function intact, or imp		No No
		Wetland criteria satisfied?	No
	ficant Wetland Criteria : local		
	ignificant if "Yes" is the ans		
	present a locally unique native	•	
	ldlife habitat or habitat for son	•	
	acted or degraded fish habitat		
	acted or degraded water qualit	7.15	
	acted or degraded hydrologic o		No
	cly owned and used by a school	of or organization and	
	ovide educational uses?		No
Op	tional Locally Significant	Wetland criteria satisfied?	No



Project Name:	Molalla LWI	Wetland:	CC-3
Project Location:	Clackamas County	Approx. Area (acres):	0.08
Date:	4/20/01	Wetland Types(s):	PEM
Exclusions: This wetl	and cannot be designated as	significant if the	
	swer to any of the criteria be		
	ficially created entirely from u		
	pose of controlling, storing, or	•	No
	urface mining or as a log pond	7	No
c. is a ditch without a	free and open connection to n	atural waters of the state	No
d. is less than 1 acre a	and created unintentionally fro	m irrigation or construction	No
e. created for the purp	oose of wastewater treatment,	cranberry production,	
farm watering, sedi	ment settling, cooling industr	ial water, or a golf hazard	No
-	ortion of the wetland contamir	(5)	
substances, materia	ils or wastes as per the conditi		No
		Exclusion criteria satisfied?	No
Mandatory Locally Sig	nificant Wetland Criteria : T	his wetland is locally	
	the answer to any of the crit		60 80 80 80
	rovide diverse wildlife habitat	?	No
	n habitat function intact?		No
	ter quality function intact?		No
	lrologic control function intac		No
	than 1/4 mile from a water boo		
	ed water body (303(d) list) and		
	ter quality function intact, or i		No
	ontain a rare plant community		No
	bited by any species listed fed	-	
	e listed as sensitive, threatened		No
	ave a direct surface water com	_	
	as habitat for indigenous anac		
	habitat function intact, or im		No No
		Wetland criteria satisfied ?	Barrier Walle
	ficant Wetland Criteria: loca		
	ignificant if "Yes" is the ans		
	epresent a locally unique nativ		
	ldlife habitat or habitat for so		
	acted or degraded fish habitat	-	
_	acted or degraded water quali		Nia
	acted or degraded hydrologic		No
	icly owned and used by a scho	of or organization and	N _o
	ovide educational uses?	W-41-1 1 41-61-1 0	No
Op	otional Locally Significant	Wetland criteria satisfied ?	No



	No N
Exclusions: This wetland cannot be designated as significant if the answer to any of the criteria below is "Yes". 1 Is this wetland artificially created entirely from upland and: a. created for the purpose of controlling, storing, or maintaining stormwater b. is used for active surface mining or as a log pond c. is a ditch without a free and open connection to natural waters of the state d. is less than 1 acre and created unintentionally from irrigation or construction e. created for the purpose of wastewater treatment, cranberry production, farm watering, sediment settling, cooling industrial water, or a golf hazard 2 Is the wetland or portion of the wetland contaminated by hazardous substances, materials or wastes as per the conditions of ORS 141-86-350 1(b) Exclusion criteria satisfied? Mandatory Locally Significant Wetland Criteria: This wetland is locally significant if "Yes" is the answer to any of the criteria below. 1 Does the wetland provide diverse wildlife habitat?	No No No No No No
answer to any of the criteria below is "Yes". 1 Is this wetland artificially created entirely from upland and: a. created for the purpose of controlling, storing, or maintaining stormwater b. is used for active surface mining or as a log pond c. is a ditch without a free and open connection to natural waters of the state d. is less than 1 acre and created unintentionally from irrigation or construction e. created for the purpose of wastewater treatment, cranberry production, farm watering, sediment settling, cooling industrial water, or a golf hazard 2 Is the wetland or portion of the wetland contaminated by hazardous substances, materials or wastes as per the conditions of ORS 141-86-350 1(b) Exclusion criteria satisfied? Mandatory Locally Significant Wetland Criteria: This wetland is locally significant if "Yes" is the answer to any of the criteria below. 1 Does the wetland provide diverse wildlife habitat?	No No No No
1 Is this wetland artificially created entirely from upland and: a. created for the purpose of controlling, storing, or maintaining stormwater b. is used for active surface mining or as a log pond c. is a ditch without a free and open connection to natural waters of the state d. is less than 1 acre and created unintentionally from irrigation or construction e. created for the purpose of wastewater treatment, cranberry production, farm watering, sediment settling, cooling industrial water, or a golf hazard 2 Is the wetland or portion of the wetland contaminated by hazardous substances, materials or wastes as per the conditions of ORS 141-86-350 1(b) Exclusion criteria satisfied? Mandatory Locally Significant Wetland Criteria: This wetland is locally significant if "Yes" is the answer to any of the criteria below. 1 Does the wetland provide diverse wildlife habitat?	No No No No
a. created for the purpose of controlling, storing, or maintaining stormwater b. is used for active surface mining or as a log pond c. is a ditch without a free and open connection to natural waters of the state d. is less than 1 acre and created unintentionally from irrigation or construction e. created for the purpose of wastewater treatment, cranberry production, farm watering, sediment settling, cooling industrial water, or a golf hazard 2 Is the wetland or portion of the wetland contaminated by hazardous substances, materials or wastes as per the conditions of ORS 141-86-350 1(b) Exclusion criteria satisfied? Mandatory Locally Significant Wetland Criteria: This wetland is locally significant if "Yes" is the answer to any of the criteria below. 1 Does the wetland provide diverse wildlife habitat?	No No No No
b. is used for active surface mining or as a log pond c. is a ditch without a free and open connection to natural waters of the state d. is less than 1 acre and created unintentionally from irrigation or construction e. created for the purpose of wastewater treatment, cranberry production, farm watering, sediment settling, cooling industrial water, or a golf hazard 2 Is the wetland or portion of the wetland contaminated by hazardous substances, materials or wastes as per the conditions of ORS 141-86-350 1(b) Exclusion criteria satisfied? Mandatory Locally Significant Wetland Criteria: This wetland is locally significant if "Yes" is the answer to any of the criteria below. 1 Does the wetland provide diverse wildlife habitat?	No No No No
c. is a ditch without a free and open connection to natural waters of the state d. is less than 1 acre and created unintentionally from irrigation or construction e. created for the purpose of wastewater treatment, cranberry production, farm watering, sediment settling, cooling industrial water, or a golf hazard 2 Is the wetland or portion of the wetland contaminated by hazardous substances, materials or wastes as per the conditions of ORS 141-86-350 1(b) Exclusion criteria satisfied? Mandatory Locally Significant Wetland Criteria: This wetland is locally significant if "Yes" is the answer to any of the criteria below. 1 Does the wetland provide diverse wildlife habitat?	No No No
d. is less than 1 acre and created unintentionally from irrigation or construction e. created for the purpose of wastewater treatment, cranberry production, farm watering, sediment settling, cooling industrial water, or a golf hazard 2 Is the wetland or portion of the wetland contaminated by hazardous substances, materials or wastes as per the conditions of ORS 141-86-350 1(b) Exclusion criteria satisfied? Mandatory Locally Significant Wetland Criteria: This wetland is locally significant if "Yes" is the answer to any of the criteria below. 1 Does the wetland provide diverse wildlife habitat?	No No
e. created for the purpose of wastewater treatment, cranberry production, farm watering, sediment settling, cooling industrial water, or a golf hazard 2 Is the wetland or portion of the wetland contaminated by hazardous substances, materials or wastes as per the conditions of ORS 141-86-350 1(b) Exclusion criteria satisfied? Mandatory Locally Significant Wetland Criteria: This wetland is locally significant if "Yes" is the answer to any of the criteria below. 1 Does the wetland provide diverse wildlife habitat?	No No
farm watering, sediment settling, cooling industrial water, or a golf hazard 2 Is the wetland or portion of the wetland contaminated by hazardous substances, materials or wastes as per the conditions of ORS 141-86-350 1(b) Exclusion criteria satisfied? Mandatory Locally Significant Wetland Criteria: This wetland is locally significant if "Yes" is the answer to any of the criteria below. 1 Does the wetland provide diverse wildlife habitat?	No
2 Is the wetland or portion of the wetland contaminated by hazardous substances, materials or wastes as per the conditions of ORS 141-86-350 1(b) Exclusion criteria satisfied? Mandatory Locally Significant Wetland Criteria: This wetland is locally significant if "Yes" is the answer to any of the criteria below. 1 Does the wetland provide diverse wildlife habitat?	No
substances, materials or wastes as per the conditions of ORS 141-86-350 1(b) Exclusion criteria satisfied? Mandatory Locally Significant Wetland Criteria: This wetland is locally significant if "Yes" is the answer to any of the criteria below. 1 Does the wetland provide diverse wildlife habitat?	
Exclusion criteria satisfied? Mandatory Locally Significant Wetland Criteria: This wetland is locally significant if "Yes" is the answer to any of the criteria below. 1 Does the wetland provide diverse wildlife habitat?	
Mandatory Locally Significant Wetland Criteria: This wetland is locally significant if "Yes" is the answer to any of the criteria below. 1 Does the wetland provide diverse wildlife habitat?	No
significant if "Yes" is the answer to any of the criteria below. 1 Does the wetland provide diverse wildlife habitat?	
1 Does the wetland provide <i>diverse wildlife habitat</i> ?	
2 Is the wetland's fish habitat function intact?	No
	No
3 Is the wetland's water quality function intact?	No
4 Is the wetland's hydrologic control function intact?	No
5 Is the wetland less than 1/4 mile from a water body listed by DEQ as a	
water quality limited water body (303(d) list) and	
is the wetland's water quality function intact, or impacted or degraded?	No
6 Does the wetland contain a rare plant community?	No
7 Is the wetland inhabited by any species listed federally as threatened or	
endangered, or state listed as sensitive, threatened or endangered?	No
8 Does the wetland have a direct surface water connection to a stream segment	
mapped by ODFW as habitat for indigenous anadromous salmonids and	
is the wetland's fish habitat function intact, or impacted or degraded?	No
Mandatory Locally Significant Wetland criteria satisfied?	No
Optional Locally Significant Wetland Criteria: local governments may	
identify a wetland as significant if "Yes" is the answer to the criteria below	
1 Does the wetland represent a locally unique native plant community and	
provides diverse wildlife habitat or habitat for some species or	
has a intact, or impacted or degraded fish habitat function or	
has a intact, or impacted or degraded water quality function or	
has a intact, or impacted or degraded hydrologic control function .	No
2 Is the wetland publicly owned and used by a school or organization and	
does the wetland provide educational uses?	No
Optional Locally Significant Wetland criteria satisfied?	No



	Project Name:	Molalla LWI	Wetland:	CC-5
P	roject Location:	Clackamas County	Approx. Area (acres):	1.32
	Date:	OFF-SITE	Wetland Types(s):	PEM
Ex	clusions: This wet	tland cannot be designated :	as significant if the	
		iswer to any of the criteria l		
1	Is this wetland art	ificially created entirely from	upland and:	
a.	created for the pur	pose of controlling, storing, of	or maintaining stormwater	No
b.	is used for active s	surface mining or as a log por	nd	No
c.	is a ditch without	a free and open connection to	natural waters of the state	No
d.	is less than 1 acre	rom irrigation or construction	No	
e.	created for the pur	pose of wastewater treatment	, cranberry production,	
	farm watering, sec	liment settling, cooling indus	trial water, or a golf hazard	No
2	Is the wetland or p	portion of the wetland contam	inated by hazardous	
	substances, materi	als or wastes as per the condi	tions of ORS 141-86-350 1(b)	No
			Exclusion criteria satisfied?	No
Ma	indatory Locally Si	gnificant Wetland Criteria:	This wetland is locally	
		s the answer to any of the cr		
		provide diverse wildlife habit		No
2	Is the wetland's fis	h habitat function intact?		No
3	Is the wetland's we	ater quality function intact?		No
4	Is the wetland's hy	drologic control function into	act?	No
5	Is the wetland less	than 1/4 mile from a water b	ody listed by DEQ as a	
	water quality limit	ed water body (303(d) list) and	<u>nd</u>	TWO
	is the wetland's wa	nter quality function intact, or	· impacted or degraded?	No
6	Does the wetland	contain a rare plant communi	ty?	No
7	Is the wetland inha	abited by any species listed fe	derally as threatened or	477 - 487
		te listed as sensitive, threaten		No
8			nnection to a stream segment	
	mapped by ODFW	as habitat for indigenous and	adromous salmonids <u>and</u>	72
		h habitat function intact, or i		No
	Mar	idatory Locally Significar	nt Wetland criteria satisfied?	No No
Op.	tional Locally Sign	ificant Wetland Criteria: lo	cal governments may	
		significant if "Yes" is the a		
		represent a locally unique nat		_
	provides diverse w	vildlife habitat or habitat for s	some species or	
	SEC	pacted or degraded fish habit	53	
		pacted or degraded water qua	5	
		pacted or degraded hydrologi		No
2		licly owned and used by a scl		
		rovide educational uses?		No
	O	ptional Locally Significan	t Wetland criteria satisfied?	No vi



	Project Name:	Molalla LWI	Wetland:	CC-6A
P	roject Location:	Clackamas County	Approx. Area (acres):	1.62
	Date:	OFF-SITE	Wetland Types(s):	PEM/PFO
Exc	clusions: This wet	tland cannot be designated	as significant if the	
		iswer to any of the criteria		
1	Is this wetland art	ificially created entirely from	upland and:	<u>-</u>
a.	created for the pur	pose of controlling, storing,	or maintaining stormwater	No
b.	is used for active s	surface mining or as a log por	nd	No
c.	is a ditch without	a free and open connection to	natural waters of the state	No
d.	is less than 1 acre	and created unintentionally f	rom irrigation or construction	No
e.	created for the pur	pose of wastewater treatment	, cranberry production,	70
	farm watering, sec	liment settling, cooling indus	trial water, or a golf hazard	No
2	Is the wetland or p	portion of the wetland contam	inated by hazardous	
	substances, materi	als or wastes as per the condi	tions of ORS 141-86-350 1(b)	No
			Exclusion criteria satisfied?	No
Ma	ndatory Locally Si	gnificant Wetland Criteria:	This wetland is locally	
		s the answer to any of the ci		
		provide diverse wildlife habit		No
2	Is the wetland's fis	h habitat function intact?		No
3	Is the wetland's we	ater quality function intact?		No
4	Is the wetland's hy	drologic control function into	act?	No
5	Is the wetland less	than 1/4 mile from a water b	ody listed by DEQ as a	
	water quality limit	ed water body (303(d) list) as	nd	
	is the wetland's wa	nter quality function intact, or	· impacted or degraded?	No
6		contain a rare plant communi		No
		abited by any species listed fe		
		te listed as sensitive, threaten		No
			nnection to a stream segment	
	mapped by ODFW	as habitat for indigenous an	adromous salmonids <u>and</u>	
	is the wetland's fis	h habitat function intact, or i	mpacted or degraded?	No
	Mar	ndatory Locally Significar	nt Wetland criteria satisfied?	No
Opt	ional Locally Sign	ificant Wetland Criteria : lo	cal governments may	
W. C. V. C. L. C.		significant if "Yes" is the a		
		represent a locally unique nat		1
		vildlife habitat or habitat for s	7	
		pacted or degraded fish habit		
		pacted or degraded water qua		
		pacted or degraded hydrolog		No
	and the same of th	licly owned and used by a scl		
	The second secon	rovide <i>educational uses</i> ?	5	No
			t Wetland criteria satisfied?	No



Project Name:	Molalla LWI	Wetland:	CC-	6B
Project Location:	Clackamas County	Approx. Area (acres):	2.9)
Date:	OFF-SITE	Wetland Types(s):	PEM/	PFO
Exclusions: This wet	tland cannot be designated as	significant if the		
From the control of t	iswer to any of the criteria be			
We are the second of the secon	ificially created entirely from u		_	
a. created for the pur	pose of controlling, storing, or	maintaining stormwater		No
b. is used for active s	surface mining or as a log pond			No
c. is a ditch without	a free and open connection to n	atural waters of the state		No
d. is less than 1 acre	and created unintentionally fro	m irrigation or construction		No
e. created for the pur	pose of wastewater treatment,	cranberry production,		
farm watering, sec	liment settling, cooling industri	al water, or a golf hazard		No
	ortion of the wetland contamin			
substances, materi	als or wastes as per the condition			No
		Exclusion criteria satisfied?		No
Mandatory Locally Si	gnificant Wetland Criteria : T	his wetland is locally		
significant if "Yes" is	s the answer to any of the crit	eria below.		
1 Does the wetland	provide <i>diverse wildlife habitat</i>	?		No
2 Is the wetland's fis	h habitat function intact?			No
3 Is the wetland's wa	uter quality function intact?			No
4 Is the wetland's hy	edrologic control function intac	<i>t</i> ?		No
5 Is the wetland less	than 1/4 mile from a water boo	dy listed by DEQ as a		
	ed water body (303(d) list) and			
	iter quality function intact, or i			No
	contain a rare plant community			No
	abited by any species listed fed		(Table 1 1 1 1 1 1 1 1 1 1	
	te listed as sensitive, threatened			No
	have a direct surface water com			
L 22	as habitat for indigenous anac		·	
	h habitat function intact, or im			No
		Wetland criteria satisfied?		No
	ificant Wetland Criteria : loca			
	significant if "Yes" is the ans			
	represent a locally unique nativ	(4D)		
	vildlife habitat or habitat for so			
	pacted or degraded fish habitat	San Land Control of the Control of t		
The factor of the first of the factor of the	pacted or degraded water quali			N.T.
	pacted or degraded hydrologic			No
	licly owned and used by a scho	ol or organization <u>and</u>	г т	
	rovide educational uses?			No
0	ptional Locally Significant	Wetland criteria satisfied ?		No



Project N	lame:	Molalla LWI	Wetland:	CC	C-7A
Project Lo	cation:	Clackamas County	Approx. Area (acres):	0.	63
Date	8 /	OFF-SITE	Wetland Types(s):	P	FO
Exclusions:	This wetland	cannot be designated :	as significant if the		
		r to any of the criteria l			
1 Is this we	etland artificia	lly created entirely from	upland and:	H=1.1	
a. created for	or the purpose	of controlling, storing, of	or maintaining stormwater		No
and the second second second		ce mining or as a log por			No
I	without a free	1	No		
I		15/1	rom irrigation or construction		No
		of wastewater treatment			
		4E	trial water, or a golf hazard		No
	ALL MANAGEMENT COLORS	n of the wetland contam			
substance	es, materials o	r wastes as per the condi	tions of ORS 141-86-350 1(b)		No
			Exclusion criteria satisfied?		No
		cant Wetland Criteria:			
		answer to any of the cr			
and the same of th	THE RESERVE AND THE PARTY OF TH	de diverse wildlife habit	at?		No
		bitat function intact?		Yes	
		nuality function intact?	2		No
	100	ogic control function into			No
		1/4 mile from a water b			
		ater body (303(d) list) and		r	
			impacted or degraded?		No
		in a rare plant communi			No
the same and the s		I by any species listed fe ted as sensitive, threaten	The state of the s		No
			nnection to a stream segment		INO
			adromous salmonids and		
		pitat function intact, or is			No
is the wea			at Wetland criteria satisfied?	Yes	
Ontional Loc		nt Wetland Criteria : lo			
			nswer to the criteria below		
			ive plant community and	_	
		e habitat or habitat for s			
		d or degraded fish habit	and the second s		
25		d or degraded water qua			
Total Control of the	- C	d or degraded hydrologi	the second secon		No
2 Is the wet	land publicly	owned and used by a sch	nool or organization and		
does the v	wetland provid	le educational uses?	V 1995		No
	Optio	nal Locally Significan	t Wetland criteria satisfied?		No



Project Name:	Molalla LWI	Wetland:	CC	-7B
Project Location:	Clackamas County	Approx. Area (acres):	0.8	81
Date:	OFF-SITE	Wetland Types(s):	PF	EM
Exclusions: This wetl	and cannot be designated as	significant if the	8	
振っている。これは 明確ない には、1000年またはは、1000年には、1000年によった。これでは、1000年または、1000年または、1000年また。1000年ま	wer to any of the criteria be			
AND ADDRESS OF THE PARTY OF THE	icially created entirely from u			
	ose of controlling, storing, or			No
	rface mining or as a log pond			No
	free and open connection to n			No
	nd created unintentionally from			No
	ose of wastewater treatment, o			
	ment settling, cooling industri			No
	ortion of the wetland contamin			
substances, materia	ls or wastes as per the condition			No
		Exclusion criteria satisfied?		No
The state of the s	nificant Wetland Criteria: T	그리고 하는 수 있는 수 있는 그는		
	the answer to any of the crit			N
	rovide diverse wildlife habitat	?		No
	habitat function intact?		Ver	No
	er quality function intact?	, 2	Yes	No
	rologic control function intact han 1/4 mile from a water boo			NO
	d water body (303(d) list) and			
	er quality function intact, or it			No
	ontain a rare plant community			No
	pited by any species listed fede			
	listed as sensitive, threatened	7		No
	we a direct surface water conr			
mapped by ODFW	as habitat for indigenous anad	romous salmonids and		
is the wetland's fish	habitat function intact, or imp	pacted or degraded?		No
Mand	latory Locally Significant	Wetland criteria satisfied?	Yes	建
Optional Locally Signif	icant Wetland Criteria : loca	governments may		
	gnificant if "Yes" is the ans		E.	
1 Does the wetland re	present a locally unique native	e plant community and	-	
	dlife habitat or habitat for soi			
	cted or degraded fish habitat			
-	cted or degraded water quali	A 5		
	cted or degraded hydrologic			No
The state of the s	cly owned and used by a scho	ol or organization and		
	vide educational uses?			No
Ор	tional Locally Significant	Wetland criteria satisfied?	一、新 市 多	No

Locally Significant Wetlands Criteria

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Project Name:	Molalla LWI	Wetland:	C	C-7C
Project Location:	Clackamas County	Approx. Area (acres):	1.30	
Date:	OFF-SITE	Wetland Types(s):	PFO	O/PSS
Exclusions: This wet	land cannot be designated a	s significant if the		
	iswer to any of the criteria b			
1 Is this wetland art	ificially created entirely from u	ipland and:	-	
a. created for the pur	pose of controlling, storing, or	r maintaining stormwater		No
b. is used for active s	surface mining or as a log pond	d		No
c. is a ditch without	a free and open connection to	natural waters of the state		No
d. is less than 1 acre	and created unintentionally fro	om irrigation or construction		No
e. created for the pur	pose of wastewater treatment,	cranberry production,		
farm watering, sec	liment settling, cooling industr	ial water, or a golf hazard		No
2 Is the wetland or p	ortion of the wetland contamin	nated by hazardous		
substances, materi	als or wastes as per the conditi	ions of ORS 141-86-350 1(b)		No
		Exclusion criteria satisfied?		No
Mandatory Locally Si	gnificant Wetland Criteria : T	This wetland is locally		
	the answer to any of the cri			
	provide diverse wildlife habita			No
	h habitat function intact?			No
-	iter quality function intact?		Yes	
4 Is the wetland's hy	drologic control function intac	ct?		No
	than 1/4 mile from a water bo			
	ed water body (303(d) list) and			
is the wetland's wa	iter quality function intact, or	impacted or degraded?		No
6 Does the wetland	contain a rare plant community	/?		No
7 Is the wetland inha	abited by any species listed fed	lerally as threatened or		
endangered, or star	te listed as sensitive, threatene	d or endangered?		No
8 Does the wetland l	nave a direct surface water con	nection to a stream segment		
	as habitat for indigenous anac			
is the wetland's fis.	h habitat function intact, or im	pacted or degraded?		No
Man	datory Locally Significant	Wetland criteria satisfied?	Yes	是中華自
Optional Locally Sign	ificant Wetland Criteria: loca	al governments may		
	significant if "Yes" is the an			
	epresent a locally unique nativ		1 9	
	ildlife habitat or habitat for so			
	pacted or degraded fish habita			
_	pacted or degraded water qual	•		
	pacted or degraded hydrologic	• •		No
The same of the sa	icly owned and used by a scho			
	rovide educational uses?			No
0	ptional Locally Significant	Wetland criteria satisfied ?	POZ VI	No



Project Name:	Molalla LWI	Wetland:	CC-8		
Project Location:	Clackamas County	Approx. Area (acres):	0.26		
Date:	OFF-SITE	Wetland Types(s):	PEM		
Exclusions: This wet	tland cannot be designated a	s significant if the			
	iswer to any of the criteria b				
	ificially created entirely from				
	pose of controlling, storing, o	·=-	No		
	surface mining or as a log pon-		No		
	a free and open connection to		No		
	and created unintentionally fro		No		
e. created for the pur	pose of wastewater treatment,	cranberry production,			
farm watering, sec	liment settling, cooling indust	rial water, or a golf hazard	No		
2 Is the wetland or p	portion of the wetland contami	nated by hazardous			
substances, materi	als or wastes as per the condit		No		
2000		Exclusion criteria satisfied?	No		
Mandatory Locally Si	gnificant Wetland Criteria:	This wetland is locally			
significant if "Yes" is	s the answer to any of the cri	teria below.			
1 Does the wetland	provide <i>diverse wildlife habita</i>	at?	No		
2 Is the wetland's fis	h habitat function intact?		No		
3 Is the wetland's wa	ater quality function intact?		No		
4 Is the wetland's hy	drologic control function inta	ct?	No		
	NOTE AND THE RESIDENCE OF THE PROPERTY OF THE				
	ed water body (303(d) list) an				
	iter quality function intact, or		No		
	contain a rare plant community		No		
140	abited by any species listed fee				
	te listed as sensitive, threatene		No		
	have a direct surface water cor				
8.8 8	as habitat for indigenous ana				
	h habitat function intact, or in	A STATE OF THE PARTY OF THE PAR	No		
		t Wetland criteria satisfied?	No vi		
	ificant Wetland Criteria : loc				
	significant if "Yes" is the an				
	epresent a locally unique nativ				
• 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	ildlife habitat or habitat for se	A DESIGNATION AND A SECURITION OF A SECURITION			
1000	pacted or degraded fish habita				
	pacted or degraded water qua	10.00			
the same of the sa	pacted or degraded hydrologic	1000	No		
	licly owned and used by a sch	ool or organization <u>and</u>			
	rovide educational uses?		No		
0	ptional Locally Significant	Wetland criteria satisfied?	No 4		



Project Name:	Molalla LWI	Wetland:	CC-9A
Project Location:	Clackamas County	Approx. Area (acres):	0.44
Date:	4/20/01	Wetland Types(s):	PEM
Exclusions: This wetla	and cannot be designated as	s significant if the	
	wer to any of the criteria b		
THE RESERVE OF THE PARTY OF THE	icially created entirely from t	The second secon	_
a. created for the purp	ose of controlling, storing, or	maintaining stormwater	No
b. is used for active su	rface mining or as a log pond	i	No
	free and open connection to		No
	nd created unintentionally fro		No
	ose of wastewater treatment,		
	ment settling, cooling industr		No
	rtion of the wetland contami		=
substances, materia	ls or wastes as per the conditi	ons of ORS 141-86-350 1(b)	No
		Exclusion criteria satisfied?	No
Mandatory Locally Sig	nificant Wetland Criteria : I	This wetland is locally	
	the answer to any of the cri		
1 Does the wetland pr	ovide <i>diverse wildlife habita</i>	<i>t</i> ?	No
	habitat function intact?		- No
	er quality function intact?		No
	rologic control function intac		No
	han 1/4 mile from a water bo		
The second secon	d water body (303(d) list) <u>and</u>		
	er quality function intact, or	_ *	No
	ontain a rare plant community		No
	pited by any species listed fed	-	200
	listed as sensitive, threatene		No
	ive a direct surface water con		
	as habitat for indigenous ana		
	habitat function intact, or im		No
Mano	latory Locally Significant	Wetland criteria satisfied ?	No
Optional Locally Signif	icant Wetland Criteria : loca	al governments may	
	ignificant if "Yes" is the an		
1 Does the wetland re	present a locally unique nativ	e plant community and	
17	ldlife habitat or habitat for so		
-	icted or degraded fish habita		
•	icted or degraded water qual		,
	icted or degraded hydrologic	1.50	No
	cly owned and used by a scho	ool or organization <u>and</u>	
	ovide educational uses?		No
Op	tional Locally Significant	Wetland criteria satisfied?	No



Project Name:	Molalla LWI	Wetland:	CC	C-9B
Project Location:	Clackamas County	Approx. Area (acres):	1.	.02
Date:	4/20/01	Wetland Types(s):	P	FO
Exclusions: This wet	land cannot be designated as	significant if the		
an	swer to any of the criteria be	elow is "Yes".		
	ficially created entirely from u			
	pose of controlling, storing, or			No
b. is used for active s	urface mining or as a log pond			No
c. is a ditch without a	free and open connection to i	natural waters of the state		No
d. is less than 1 acre a	and created unintentionally fro	m irrigation or construction		No
	pose of wastewater treatment,			
	iment settling, cooling industr			No
2 Is the wetland or p	ortion of the wetland contamin	nated by hazardous		
substances, materia	als or wastes as per the conditi			No
		Exclusion criteria satisfied?		No
Mandatory Locally Sig	gnificant Wetland Criteria : T	his wetland is locally		
	the answer to any of the cri			
	provide diverse wildlife habita			No
2 Is the wetland's fish	h habitat function intact?			No
	ter quality function intact?		Yes	
4 Is the wetland's hy	drologic control function intac	et?	Yes	
The second secon	than 1/4 mile from a water bo			
water quality limit	ed water body (303(d) list) and	1		
is the wetland's wa	ter quality function intact, or i	impacted or degraded?		No
6 Does the wetland of	ontain a rare plant community	?		No
7 Is the wetland inha	bited by any species listed fed	erally as threatened or		
endangered, or stat	e listed as sensitive, threatened	d or endangered?		No
8 Does the wetland h	ave a direct surface water con	nection to a stream segment		
mapped by ODFW	as habitat for indigenous anac	fromous salmonids and		
is the wetland's fish	h habitat function intact, or im	pacted or degraded?		No
Man	datory Locally Significant	Wetland criteria satisfied ?	Yes	
Optional Locally Sign	ificant Wetland Criteria: loca	l governments may]	
	significant if "Yes" is the an			
	epresent a locally unique nativ		,	
	ildlife habitat or habitat for so			
	acted or degraded fish habita			
	acted or degraded water qual			
	acted or degraded hydrologic			No
	icly owned and used by a scho			
	rovide educational uses?			No
		Wetland criteria satisfied ?		No



Project Name:	Molalla LWI	Wetland:	CC-9C	
Project Location:	Clackamas County	Approx. Area (acres):	1.1	5
Date:	4/20/01	Wetland Types(s):	PE	M
Exclusions: This w	etland cannot be designated a	as significant if the		
	answer to any of the criteria l	pelow is "Yes".		
	rtificially created entirely from	The state of the s		
	urpose of controlling, storing, of			No
DES 1000 DE 95 NO.	e surface mining or as a log por			No
	t a free and open connection to			No
	e and created unintentionally fr			No
	urpose of wastewater treatment		1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000	
	ediment settling, cooling indust			No
	portion of the wetland contam			
substances, mate	rials or wastes as per the condi			No
	7000	Exclusion criteria satisfied?		No
Mandatory Locally S	Significant Wetland Criteria:	This wetland is locally	*	
	is the answer to any of the cr			
	l provide <i>diverse wildlife habit</i>	at?		No
	ish habitat function intact?			No
the same to the same of the sa	vater quality function intact?		Yes	No
	4 Is the wetland's hydrologic control function intact?			
1	ss than 1/4 mile from a water b			
	ited water body (303(d) list) ar			
	vater quality function intact, or	•		No
	l contain a rare plant communit	5 **		No
	habited by any species listed fe	The second of th		
	ate listed as sensitive, threaten	_		No
1	have a direct surface water co			
ATTA TA	W as habitat for indigenous and		7	
	ish habitat function intact, or in			No
IVI	indatory Locally Significan	t Wetland criteria satisfied?	Yes	
	nificant Wetland Criteria: loc			
The state of the s	s significant if "Yes" is the a			
	represent a locally unique nati	(a)		
36	wildlife habitat or habitat for s	100 miles		
	npacted or degraded fish habit			
	npacted or degraded water qua	-1.50x		
	npacted or degraded hydrologi	and the same of th		No
	blicly owned and used by a sch	ool or organization <u>and</u>		
	provide educational uses?			No
	Optional Locally Significan	t Wetland criteria satisfied ?		No



Project Name:	Molalla LWI	Wetland:	CC-10			
Project Location:	Clackamas County	Approx. Area (acres):	0.52			
Date:	OFF-SITE	Wetland Types(s):	PEM			
Exclusions: This we	tland cannot be designated :	as significant if the				
	nswer to any of the criteria l					
1 Is this wetland ar	tificially created entirely from	upland and:				
a. created for the pu	rpose of controlling, storing, of	or maintaining stormwater	No			
b. is used for active	is used for active surface mining or as a log pond					
1	a free and open connection to		No			
1	and created unintentionally fi		No			
	rpose of wastewater treatment					
	diment settling, cooling indus		No			
1	portion of the wetland contam					
substances, mater	ials or wastes as per the condi	tions of ORS 141-86-350 1(b)	No			
V-800		Exclusion criteria satisfied?	No			
	ignificant Wetland Criteria:					
	s the answer to any of the cr					
	provide diverse wildlife habit	at?	No			
	sh habitat function intact?		No			
	ater quality function intact?		No			
The state of the s	vdrologic control function into		No			
	s than 1/4 mile from a water b					
1,985	ted water body (303(d) list) ar					
	ater quality function intact, or		No			
The second secon	contain a rare plant communi		No			
	abited by any species listed fe	The state of the s				
177	ite listed as sensitive, threaten		No			
	have a direct surface water co					
	V as habitat for indigenous and					
	sh habitat function intact, or in		No			
		t Wetland criteria satisfied?	No			
	ificant Wetland Criteria : loc					
	significant if "Yes" is the a					
	represent a locally unique nati					
1 3	vildlife habitat or habitat for s	The same of the sa				
	pacted or degraded fish habit	The state of the s				
	pacted or degraded water qua					
	pacted or degraded hydrologi		No			
	olicly owned and used by a sch	nool or organization and				
	provide educational uses?		No			
C	ptional Locally Significan	t Wetland criteria satisfied?	No No			



Project Name:	Molalla LWI	Wetland:	CC-11	
Project Location:	Clackamas County	Approx. Area (acres):	0.27	
Date:	OFF-SITE	Wetland Types(s):	PEM	
Exclusions: This wet	tland cannot be designated a	as significant if the		
ar	nswer to any of the criteria l	pelow is "Yes".		
	ificially created entirely from	* Contract of the Contract of		
	rpose of controlling, storing, of		No	
	surface mining or as a log por		. No	
	a free and open connection to		No No	
	is less than 1 acre and created unintentionally from irrigation or construction			
	pose of wastewater treatment		No	
	farm watering, sediment settling, cooling industrial water, or a golf hazard			
	portion of the wetland contam			
substances, materi	substances, materials or wastes as per the conditions of ORS 141-86-350 1(b)		No	
		Exclusion criteria satisfied?	No	
Mandatory Locally Si	gnificant Wetland Criteria:	This wetland is locally		
significant if "Yes" is	s the answer to any of the cr	iteria below.		
1 Does the wetland	provide <i>diverse wildlife habit</i>	at?	No	
	th habitat function intact?		No	
3 Is the wetland's we	ater quality function intact?		No	
	drologic control function into		No	
5 Is the wetland less	than 1/4 mile from a water be	ody listed by DEQ as a		
	ed water body (303(d) list) ar			
	iter quality function intact, or	•	No	
	contain a rare plant communit		No	
	abited by any species listed fe	A CONTRACT OF THE PARTY OF THE		
	te listed as sensitive, threaten		No	
	have a direct surface water co	The state of the s		
	as habitat for indigenous and			
	h habitat function intact, or in		No	
Mar	idatory Locally Significan	t Wetland criteria satisfied?	No	
Optional Locally Sign	ificant Wetland Criteria: loc	al governments may		
dentify a wetland as	significant if "Yes" is the ar	iswer to the criteria below		
	represent a locally unique nati			
	vildlife habitat or habitat for s			
-	pacted or degraded fish habita			
201	pacted or degraded water qua			
	oacted or degraded hydrologi		. No	
	licly owned and used by a sch	nool or organization and		
	rovide educational uses?		No	
0	ptional Locally Significan	t Wetland criteria satisfied?	No	



Project Name:	Molalla LWI	Wetland:	BC-1A		
Project Location:	Clackamas County	Approx. Area (acres):	13.92		
Date:	5/1/01	Wetland Types(s):	PEM		
Exclusions: This we	etland cannot be designated as	significant if the			
	inswer to any of the criteria be	THE RESERVE OF THE PROPERTY OF			
1 Is this wetland ar	tificially created entirely from u	pland and:			
	rpose of controlling, storing, or		No		
	surface mining or as a log pond		No		
1	a free and open connection to r		No		
1	e and created unintentionally fro		No		
2.55	irpose of wastewater treatment,				
	ediment settling, cooling industr		No		
	portion of the wetland contamir				
substances, mater	rials or wastes as per the conditi		No		
		Exclusion criteria satisfied?	No		
	Significant Wetland Criteria : T				
	is the answer to any of the crit				
The second secon	provide diverse wildlife habitat	?	No		
	ish habitat function intact?		No No		
	3 Is the wetland's water quality function intact?				
	4 Is the wetland's hydrologic control function intact?				
	s than 1/4 mile from a water book				
	ited water body (303(d) list) and				
	vater quality function intact, or i		No		
The state of the s	contain a rare plant community nabited by any species listed fed		No		
	ate listed as sensitive, threatened		No		
	have a direct surface water con		INO		
	W as habitat for indigenous anad				
	sh habitat function intact, or im		No		
	ndatory Locally Significant		No		
	nificant Wetland Criteria : loca				
	s significant if "Yes" is the ans				
	represent a locally unique nativ				
	wildlife habitat or habitat for so				
	pacted or degraded fish habitat				
60	ppacted or degraded water quali	•			
12	ppacted or degraded hydrologic	And the second s	No		
	olicly owned and used by a scho				
	provide educational uses?	39	No		
	Optional Locally Significant	Wetland criteria satisfied ?	No		



	Project Name:	Molalla LWI	Wetland:	BC	C-1B	
P	roject Location:	Clackamas County	Approx. Area (acres):	4.44		
	Date:	5/1/01	Wetland Types(s):	PFO	, PEM	
Ex	clusions: This wet	land cannot be designated a	s significant if the			
	an an	swer to any of the criteria b	elow is "Yes".			
1	Is this wetland arti	ficially created entirely from	upland and:			
a.	created for the pur	pose of controlling, storing, o	r maintaining stormwater		No	
b.	is used for active s	surface mining or as a log pon	d		No	
		a free and open connection to			No	
		and created unintentionally from			No	
e.		pose of wastewater treatment,		,		
	0000	iment settling, cooling indust			No	
2	•	ortion of the wetland contami				
	substances, materi	als or wastes as per the condit	ions of ORS 141-86-350 1(b)		No	
			Exclusion criteria satisfied?		No	
Ma	ndatory Locally Si	gnificant Wetland Criteria : '	This wetland is locally			
sigi	nificant if "Yes" is	the answer to any of the cri	iteria below.			
1	Does the wetland p	provide diverse wildlife habita	ut?	Yes		
2		h habitat function intact?		Yes		
3		iter quality function intact?		Yes		
4	Is the wetland's hy		No			
5		than 1/4 mile from a water bo				
		ed water body (303(d) list) an		·		
		ter quality function intact, or			No	
		contain a rare plant communit			No	
7		bited by any species listed fee	A LOUIS CONTRACT OF THE PROPERTY OF THE PROPER		1	
0		e listed as sensitive, threatene	_	1-	No	
8		nave a direct surface water con				
		as habitat for indigenous ana			1 57	
		h habitat function intact, or in		T 7	No	
	Man	datory Locally Significan	t Wetland criteria satisfied?	Yes	(1) 10 (1) (1) (1) (1) (1) (1) (1) (1) (1) (1)	
4 SAR SAVE SASSING	PARTY REPORT OF THE PARTY AND ADMINISTRATION OF THE PARTY AND	ificant Wetland Criteria : loc				
		significant if "Yes" is the an				
1		epresent a locally unique nati	7757 B)			
		ildlife habitat or habitat for s				
		pacted or degraded fish habita				
	_ X,	pacted or degraded water qua	10 Pro 12 Sept. 10 Se			
	the control of the co	pacted or degraded hydrologic	- W		No	
		icly owned and used by a sch	ool or organization <u>and</u>	5.50	1	
		rovide educational uses?			No	
	O	ptional Locally Significan	t Wetland criteria satisfied?	当世代、教育	No	



Project Name:	Molalla LWI	Wetland:	ВС	-1C			
Project Location:	Clackamas County	Approx. Area (acres):	0.3				
Date:	6/6/01	Wetland Types(s):	PFO,	PEM			
Exclusions: This we	tland cannot be designated a						
	iswer to any of the criteria b						
1 Is this wetland art	ificially created entirely from	upland and:					
a. created for the pur	pose of controlling, storing, of	or maintaining stormwater		No			
CO NOW NO	is used for active surface mining or as a log pond						
The state of the s	is a ditch without a free and open connection to natural waters of the state						
and the same	and created unintentionally fr	_		No			
	pose of wastewater treatment	·					
	liment settling, cooling indust	9		No			
1	portion of the wetland contam			X.T			
substances, materi	als or wastes as per the condi-	tions of ORS 141-86-350 1(b) Exclusion criteria satisfied?		No			
				No			
NAME OF THE PARTY	gnificant Wetland Criteria:						
	s the answer to any of the cr		177				
1	provide diverse wildlife habita	at!	Yes	NI.			
	h habitat function intact?			No No			
The state of the s	iter quality function intact?	eat?		No			
the state of the s	4 Is the wetland's hydrologic control function intact?5 Is the wetland less than 1/4 mile from a water body listed by DEQ as a						
	ed water body (303(d) list) ar	5 10					
N 100 100 100 100 100 100 100 100 100 10	iter quality function intact, or			No			
	contain a rare plant communit	·		No			
1	abited by any species listed fe			15,13,50			
	te listed as sensitive, threatene		- 10	No			
	have a direct surface water con		West College C				
	as habitat for indigenous ana						
	h habitat function intact, or in			No			
Man	idatory Locally Significan	t Wetland criteria satisfied?	Yes				
Optional Locally Sign	ificant Wetland Criteria: loc	al governments may					
	significant if "Yes" is the ar						
	represent a locally unique nati	the state of the s	4				
provides diverse w	ildlife habitat or habitat for s	ome species <u>or</u>					
	pacted or degraded fish habite						
	oacted or degraded water qua						
	pacted or degraded hydrologi			No			
	licly owned and used by a sch	ool or organization and					
	rovide educational uses?			No			
0	ptional Locally Significan	t Wetland criteria satisfied?		No			



	Project Name:	Molalla LWI	Wetland:	BC	-2A
F	roject Location:	Clackamas County	Approx. Area (acres):	1.0	
	Date:	4/18/01	Wetland Types(s):	NOT .	FO
Ex	clusions : This we	tland cannot be designated a			
		nswer to any of the criteria b			
1		ificially created entirely from			
		pose of controlling, storing, o	/ *		No
b	is used for active s	surface mining or as a log pon	d		No
c	is a ditch without		No		
d	is less than 1 acre	and created unintentionally fr	om irrigation or construction		No
e	created for the pur	pose of wastewater treatment	, cranberry production,	New York and the second	
	farm watering, sec	liment settling, cooling indust	rial water, or a golf hazard		No
2	Is the wetland or p	portion of the wetland contami	inated by hazardous		
	substances, materi	als or wastes as per the condit	tions of ORS 141-86-350 1(b)		No
L			Exclusion criteria satisfied?		No
Mo	indatory Locally Si	gnificant Wetland Criteria : '	This wetland is locally		
sig		s the answer to any of the cr			
1		provide <i>diverse wildlife habita</i>	at?	Yes	
2		h habitat function intact?		Yes	162
3		iter quality function intact?			No
		drologic control function inta			No
5		than 1/4 mile from a water be	Commence of the second		
		ed water body (303(d) list) and			
		iter quality function intact, or			No
6		contain a rare plant communit	=3// vi		No
7		abited by any species listed fe			
		te listed as sensitive, threatene			No
8		have a direct surface water con			
		as habitat for indigenous ana			N
-		h habitat function intact, or in		Vos	No
			t Wetland criteria satisfied ?	Yes	
4500 NAVES	STATE OF THE PARTY AND THE STATE OF THE PARTY OF THE PART	ificant Wetland Criteria: loc			
ide		significant if "Yes" is the ar			
1		represent a locally unique nati			
B		vildlife habitat or habitat for s			
		pacted or degraded fish habita			
		pacted or degraded water qua	(3° (1) 50)	Г	No
2		pacted or degraded hydrologic			No
2	The state of the s	licly owned and used by a sch	oor or organization and	Г	Na
\$2		rovide educational uses?	t Watland suitania satisfied 9		No
	0	puonai Locally Significan	t Wetland criteria satisfied?		No



Project Nam	e: Molal	la LWI	Wetland:	BC-	-2B
Project Locati	on: Clackamas Co	unty Appro	x. Area (acres):	0.8	33
Date:	4/18/01	Wetl	and Types(s):	PF	O
Exclusions: Thi	s wetland cannot be des	ignated as significant	if the		
		criteria below is "Yes			
1 Is this wetlan	nd artificially created entire	rely from upland and:			
a. created for th	e purpose of controlling,	storing, or maintaining	stormwater		No
b. is used for ac	tive surface mining or as	a log pond			No
c. is a ditch wit	hout a free and open conr	ection to natural water	s of the state		No
d. is less than 1	is less than 1 acre and created unintentionally from irrigation or construction				
	e purpose of wastewater				
farm waterin	g, sediment settling, cooli	ng industrial water, or	a golf hazard		No
2 Is the wetland	d or portion of the wetlan	d contaminated by haza	ardous		
substances, n	naterials or wastes as per				No
		Exclusion	criteria satisfied?	(, + li) = () /;	No
Mandatory Loca	lly Significant Wetland (Criteria: This wetland	is locally		
significant if "Y	es" is the answer to any	of the criteria below.			
1 Does the wet	land provide diverse wild	life habitat?		Yes	
2 Is the wetland	d's fish habitat function in	tact?		Yes	
3 Is the wetland	d's water quality function	intact?			No
4 Is the wetland	d's hydrologic control fun	ction intact?			No
5 Is the wetland	d less than 1/4 mile from	a water body listed by l	DEQ as a		
	limited water body (303)				
	l's water quality function		degraded?		No
	land contain a rare plant c	-76			No
	d inhabited by any species				
700 V	or state listed as sensitive,				No
The state of the s	land have a direct surface				
(2) (2)	DFW as habitat for indig				
is the wetland	l's fish habitat function in				No
	Mandatory Locally Si	gnificant Wetland c	riteria satisfied?	Yes	
Optional Locally	Significant Wetland Cri	teria : local governme	nts may		
identify a wetlan	d as significant if "Yes"	is the answer to the o	riteria below		
1 Does the wet	and represent a locally un	nique native plant comr	nunity <u>and</u>		
provides dive	rse wildlife habitat or had	bitat for some species g	or		
	or impacted or degraded j				
The second secon	or impacted or degraded v				
	or impacted or degraded l				No
100	l publicly owned and used		zation <u>and</u>		
does the wetl:	and provide <i>educational</i> i				No
	Optional Locally Si	gnificant Wetland c	riteria satisfied ?		No



Project Name:	Molalla LWI	Wetland:	BC-3A	
Project Location:	Clackamas County	Approx. Area (acres):	0.33	
Date:	OFF-SITE	Wetland Types(s):	PEM	
Exclusions: This we	tland cannot be designated a	s significant if the		
	nswer to any of the criteria b			
	tificially created entirely from			
a. created for the pu	rpose of controlling, storing, o	r maintaining stormwater	No	
b. is used for active	surface mining or as a log pon	d	No	
	a free and open connection to		No	
	and created unintentionally fr		No	
	rpose of wastewater treatment.			
	diment settling, cooling indust		No	
	portion of the wetland contami			
substances, mater	ials or wastes as per the condit		No	
		Exclusion criteria satisfied?	No	
	ignificant Wetland Criteria : '			
	s the answer to any of the cr			
	provide diverse wildlife habite	ıt?	No	
(M.	sh habitat function intact?		No	
	ater quality function intact?	1927	No	
	vdrologic control function inta		No	
5 Is the wetland less than 1/4 mile from a water body listed by DEQ as a				
	ted water body (303(d) list) an			
	ater quality function intact, or		No	
	contain a rare plant communit		No	
	abited by any species listed fee		I N-	
14-50 Pt 15-15-15-15-15-15-15-15-15-15-15-15-15-1	ate listed as sensitive, threatene	97	No	
	have a direct surface water con V as habitat for indigenous and	_		
	sh habitat function intact, or in		No	
		t Wetland criteria satisfied?	No	
	nificant Wetland Criteria: loc significant if "Yes" is the ar			
	represent a locally unique nati			
	vildlife habitat or habitat for s			
MANUFACT SUBSCRIPTION STREET, PRINCIPLES AND	pacted or degraded fish habite	The state of the s		
	pacted or degraded water qua	24		
	pacted or degraded hydrologic	* *	No	
The same of the sa	olicly owned and used by a sch	1000	200.00(8000)	
	provide educational uses?		No	
		t Wetland criteria satisfied?	No	



Project Name:	Molalla LWI	Wetland:	BC-3B			
Project Location:	Clackamas County	Approx. Area (acres):	1.01			
Date:	4/18/01	Wetland Types(s):	PEM			
Exclusions: This wet	Exclusions: This wetland cannot be designated as significant if the					
	swer to any of the criteria b					
	ficially created entirely from		-			
a. created for the pur	pose of controlling, storing, of	or maintaining stormwater	No			
	b. is used for active surface mining or as a log pond					
	a free and open connection to		No			
	and created unintentionally fr		No			
	pose of wastewater treatment					
A. C.	liment settling, cooling indust		No			
	ortion of the wetland contam					
substances, materi	als or wastes as per the condi	tions of ORS 141-86-350 1(b)	No			
	-71	Exclusion criteria satisfied?	No			
	gnificant Wetland Criteria :					
	the answer to any of the cr					
23	provide diverse wildlife habite	at?	No			
17-71	h habitat function intact?		No			
	iter quality function intact?		No No			
	4 Is the wetland's hydrologic control function intact?					
5 Is the wetland less						
No. of the second secon	ed water body (303(d) list) ar					
	ter quality function intact, or		No			
The same and the s	contain a rare plant communit		No			
	bited by any species listed fe					
	te listed as sensitive, threatene		No			
	have a direct surface water con	Š				
	as habitat for indigenous and					
	h habitat function intact, or in		No			
		t Wetland criteria satisfied?	No			
	ificant Wetland Criteria: loc					
	significant if "Yes" is the ar					
	epresent a locally unique nati	10 III III III WARREN I III I I I I I I I I I I I I I I I I				
· · · · · · · · · · · · · · · · · · ·	ildlife habitat or habitat for s	7-40 Jo-0000				
_	pacted or degraded fish habite	Man and the second seco				
	pacted or degraded water qua		M.			
(7)	pacted or degraded hydrologic		No			
	icly owned and used by a sch	ooi or organization and	N ₁			
	rovide educational uses?	t Watland outtonin actinfied 9	No			
0	puonai Locany Significan	t Wetland criteria satisfied?	No			



Projec	et Name:	Molalla LWI	Wetland:	BC-4
Project	Location:	Clackamas County	Approx. Area (acres):	1.82
D	ate:	OFF-SITE	Wetland Types(s):	PEM
Exclusion	s: This wetl	and cannot be designated a	as significant if the	
		wer to any of the criteria l		
1 Is this		icially created entirely from		_
		ose of controlling, storing, o		No
		irface mining or as a log por		No
c. is a d	itch without a	free and open connection to	natural waters of the state	No
d. is less	than 1 acre a	nd created unintentionally fr	om irrigation or construction	No
1		ose of wastewater treatment		
		ment settling, cooling indust		No
		ortion of the wetland contam		
substa	inces, materia	ls or wastes as per the condi	tions of ORS 141-86-350 1(b)	No
			Exclusion criteria satisfied?	No No
		nificant Wetland Criteria:		
		the answer to any of the cr		
	•	rovide <i>diverse wildlife habit</i> e	at?	No
		habitat function intact?		No
		er quality function intact?		No
		rologic control function into		No
5 Is the				
		d water body (303(d) list) ar		
		er quality function intact, or		No
		ontain a rare plant communit	•	No
		pited by any species listed fe		
The second secon	The second secon	listed as sensitive, threaten		No
ı			nnection to a stream segment	
		as habitat for indigenous and		
is the		habitat function intact, or in		No
			t Wetland criteria satisfied ?	No No
		ficant Wetland Criteria : loc		
		ignificant if "Yes" is the ar		00 00 01+
		present a locally unique nati		
		dlife habitat or habitat for s		
The state of the s		acted or degraded fish habite		
0.03		acted or degraded water qua		
		acted or degraded hydrologi		No
		cly owned and used by a sch	lool or organization and	
does t		ovide educational uses?		No
	Ор	tional Locally Significan	t Wetland criteria satisfied?	No No



Project Name:	Molalla LWI	Wetland:	BC	-5A
Project Location:	Clackamas County	Approx. Area (acres):	1.	00
Date:	4/18/01	Wetland Types(s):	PEM	I/PSS
Exclusions: This wet	land cannot be designated a	s significant if the		
	swer to any of the criteria b			
	ficially created entirely from			
a. created for the pur	pose of controlling, storing, o	r maintaining stormwater	200700-00000000000000000000000000000000	No
b. is used for active s	urface mining or as a log pon	d		No
c. is a ditch without a	a free and open connection to	natural waters of the state		No
	and created unintentionally fr			No
e. created for the purp	pose of wastewater treatment.	, cranberry production,		
	iment settling, cooling indust			No
	ortion of the wetland contami			
substances, materia	als or wastes as per the condit	ions of ORS 141-86-350 1(b)		No
		Exclusion criteria satisfied?		No
	gnificant Wetland Criteria : '			
	the answer to any of the cr			
1 Does the wetland p	provide diverse wildlife habita	ut?	Market Street Company	No
2 Is the wetland's fish	h habitat function intact?			No
3 Is the wetland's wa	ter quality function intact?			No
4 Is the wetland's hyd	drologic control function inta	ct?		No
5 Is the wetland less	than 1/4 mile from a water be	ody listed by DEQ as a		
water quality limite	ed water body (303(d) list) an	d		
is the wetland's wa	ter quality function intact, or	impacted or degraded?		No
	contain a rare plant communit			No
	bited by any species listed fe	100		
	e listed as sensitive, threatene			No
	nave a direct surface water con			
	as habitat for indigenous ana			
	h habitat function intact, or in			No
Man	datory Locally Significan	t Wetland criteria satisfied?		No
	<i>ificant Wetland Criteria</i> : loc significant if "Yes" is the ar			
	epresent a locally unique nati		1	
	ildlife habitat or habitat for s	-		
	acted or degraded fish habita			
	acted or degraded water qua			
76	acted or degraded hydrologic			No
	icly owned and used by a sch	and the second s		194 VCD000
177.0	rovide <i>educational uses</i> ?	0		No
	The second second	t Wetland criteria satisfied ?		No



Project Name:	Molalla LWI	Wetland:	BC-5B		
Project Location:	Clackamas County	Approx. Area (acres):	3.68		
Date:	4/18/01	Wetland Types(s):	PEM		
Exclusions: This wet	land cannot be designated :	as significant if the			
	nswer to any of the criteria l				
	ificially created entirely from		•		
	pose of controlling, storing, of	The same of the sa	No		
b. is used for active s	b. is used for active surface mining or as a log pond				
c. is a ditch without	a free and open connection to	natural waters of the state	No		
d. is less than 1 acre	and created unintentionally fi	om irrigation or construction	No		
e. created for the pur	pose of wastewater treatment	, cranberry production,			
farm watering, sec	liment settling, cooling indus	rial water, or a golf hazard	No		
-	ortion of the wetland contam				
substances, materi	als or wastes as per the condi	tions of ORS 141-86-350 1(b)	No		
		Exclusion criteria satisfied?	No		
Mandatory Locally Si	gnificant Wetland Criteria:	This wetland is locally			
	s the answer to any of the cr				
1 Does the wetland	provide <i>diverse wildlife habit</i>	at?	No		
	h habitat function intact?		No		
	uter quality function intact?		No		
	drologic control function into		No		
	than 1/4 mile from a water b				
	ed water body (303(d) list) at				
	iter quality function intact, or		No		
	contain a rare plant communit		· No		
	abited by any species listed fe				
	te listed as sensitive, threaten		No		
	nave a direct surface water co	_			
	as habitat for indigenous and				
	h habitat function intact, or is		No		
Man	idatory Locally Significan	t Wetland criteria satisfied ?	No -		
Optional Locally Sign	ificant Wetland Criteria : loc	al governments may			
identify a wetland as	significant if "Yes" is the a	iswer to the criteria below			
1 Does the wetland r	represent a locally unique nati	ve plant community and			
provides diverse w	ildlife habitat or habitat for s	ome species or			
has a intact, or imp	pacted or degraded fish habit	at function <u>or</u>			
has a intact, or imp	pacted or degraded water qua	lity function or			
has a intact, or imp	pacted or degraded hydrologi	c control function .	No		
2 Is the wetland pub	licly owned and used by a sch	ool or organization and			
	rovide educational uses?	***	No		
0	ptional Locally Significan	t Wetland criteria satisfied?	No		



Project Name:	Molalla LWI	Wetland:	BC-	-6A
Project Location:	Clackamas County	Approx. Area (acres):	1.1	1
Date:	6/6/01	Wetland Types(s):	PF	O
Exclusions: This wet	land cannot be designated a	as significant if the		
	swer to any of the criteria h			
	ficially created entirely from			
	pose of controlling, storing, of			No
b. is used for active s	urface mining or as a log pon	nd .		No
	a free and open connection to			No
d. is less than 1 acre	and created unintentionally fr	om irrigation or construction		No
e. created for the pur	pose of wastewater treatment	, cranberry production,		
farm watering, sed	iment settling, cooling indust	trial water, or a golf hazard		No
2 Is the wetland or p	ortion of the wetland contam	inated by hazardous	in and the second	
substances, materia	als or wastes as per the condi-	tions of ORS 141-86-350 1(b)		No
		Exclusion criteria satisfied?		No
Mandatory Locally Sig	gnificant Wetland Criteria:	This wetland is locally	7	
significant if "Yes" is	the answer to any of the cr	iteria below.		
 Does the wetland p 	provide <i>diverse wildlife habite</i>	at?		No
2 Is the wetland's fis.	h habitat function intact?			No
3 Is the wetland's wa	ter quality function intact?			No
4 Is the wetland's hyd	drologic control function into	act?	Yes	
5 Is the wetland less	than 1/4 mile from a water be	ody listed by DEQ as a	13.000	
water quality limit	ed water body (303(d) list) ar	<u>nd</u>		
is the wetland's wa	ter quality function intact, or	impacted or degraded?		No
6 Does the wetland of	contain a rare plant communit	y?		No
7 Is the wetland inha	bited by any species listed fe	derally as threatened or		
	e listed as sensitive, threaten			No
		nnection to a stream segment		
	as habitat for indigenous and			
	h habitat function intact, or in			No
Man	datory Locally Significan	t Wetland criteria satisfied?	Yes	
	ificant Wetland Criteria : loc	SHEEK CHARLES AND A STORY OF THE STORY OF TH		
	significant if "Yes" is the ar			
	epresent a locally unique nati			
	ildlife habitat or habitat for s	-		
	pacted or degraded fish habite	20		
	pacted or degraded water qua	- 180		
7	pacted or degraded hydrologi			No
2.70	icly owned and used by a sch	nool or organization <u>and</u>		3.7
	rovide educational uses?	Street and the transfer of the street of the		No
O	ptional Locally Significan	t Wetland criteria satisfied?	Commence of	No



No

Project Name:	Molalla LWI	Wetland:	BC-6B			
Project Location:	Clackamas County	Approx. Area (acres):	0.40			
Date:	6/6/01	Wetland Types(s):	PEM			
Exclusions: This we	Exclusions: This wetland cannot be designated as significant if the					
	nswer to any of the criteria l					
1 Is this wetland art	ificially created entirely from	upland and:	-			
a. created for the pu	rpose of controlling, storing, of	or maintaining stormwater	No			
b. is used for active	surface mining or as a log por	nd	No			
	a free and open connection to		No			
	and created unintentionally fi		No			
	rpose of wastewater treatment					
The state of the s	diment settling, cooling indus		No			
	portion of the wetland contam					
substances, mater	ials or wastes as per the condi	tions of ORS 141-86-350 1(b)	No			
		Exclusion criteria satisfied?	No No			
Mandatory Locally S.	ignificant Wetland Criteria:	This wetland is locally				
significant if "Yes" i	s the answer to any of the cr	iteria below.				
1 Does the wetland	provide diverse wildlife habit	at?	No			
2 Is the wetland's fis	sh habitat function intact?		No			
3 Is the wetland's w	ater quality function intact?		No			
4 Is the wetland's hy	edrologic control function into	act?	No			
5 Is the wetland less than 1/4 mile from a water body listed by DEQ as a						
water quality limi	ted water body (303(d) list) <u>ar</u>	nd				
	ater quality function intact, or		No			
6 Does the wetland	contain a rare plant communit	ty?	No			
7 Is the wetland inh	abited by any species listed fe	derally as threatened or	X - 2 - 10 - 10 - 10 - 10 - 10 - 10 - 10			
	te listed as sensitive, threaten		No			
l	have a direct surface water co	3				
5 5	V as habitat for indigenous and		·			
	h habitat function intact, or in		No			
Mai	ndatory Locally Significan	t Wetland criteria satisfied?	No.			
Optional Locally Sign	ificant Wetland Criteria : loc	cal governments may				
identify a wetland as	significant if "Yes" is the an	nswer to the criteria below				
1 Does the wetland	represent a locally unique nati	ve plant community and				
provides diverse w	vildlife habitat or habitat for s	come species or				
has a intact, or im	pacted or degraded fish habit	at function <u>or</u>				
	pacted or degraded water qua	Property Control of the Control of t				
The same and the same and	pacted or degraded hydrologi	280	No			
	licly owned and used by a sch	nool or organization <u>and</u>				
does the wetland p	provide educational uses?		No			

Does not satisfy the criteria, Not a Locally Significant Wetland

Optional Locally Significant Wetland criteria satisfied?



Project Name:	Molalla LWI	Wetland:	BC-7		
Project Location:	Clackamas County	Approx. Area (acres):	0.24		
Date:	4/20/01	Wetland Types(s):	PEM		
Exclusions: This wet	land cannot be designated a	as significant if the			
	iswer to any of the criteria h	THE RESERVE AND ADDRESS OF THE PARTY OF THE			
	ificially created entirely from				
a. created for the pur	pose of controlling, storing, of	or maintaining stormwater	No		
b. is used for active s	b. is used for active surface mining or as a log pond				
c. is a ditch without	a free and open connection to	natural waters of the state	No		
I	and created unintentionally fr		No		
115.	pose of wastewater treatment				
	liment settling, cooling indust		No		
	ortion of the wetland contam				
substances, materi	als or wastes as per the condi-	tions of ORS 141-86-350 1(b)	No		
		Exclusion criteria satisfied?	No		
	gnificant Wetland Criteria:				
	s the answer to any of the cr				
	provide diverse wildlife habite	at?	No		
9704	h habitat function intact?		No		
	iter quality function intact?		No		
	drologic control function inta		No		
	5 Is the wetland less than 1/4 mile from a water body listed by DEQ as a				
	ed water body (303(d) list) ar				
I .	iter quality function intact, or	• • • • • • • • • • • • • • • • • • • •	No		
	contain a rare plant communit	•	No		
E.	bited by any species listed fe				
(Fig. 857)	te listed as sensitive, threaten	9	No		
I .	have a direct surface water co				
	as habitat for indigenous and		N ₂		
	h habitat function intact, or in	it Wetland criteria satisfied?	No No		
	<u> </u>				
	<i>ificant Wetland Criteria</i> : loc significant if "Yes" is the ar				
	epresent a locally unique nati				
1	ildlife habitat or habitat for s				
	pacted or degraded fish habite				
Pi 20	pacted or degraded water qua				
	pacted or degraded hydrologi	180 Miles	No		
	licly owned and used by a sch				
	rovide educational uses?	<u> </u>	No		
The state of the s		t Wetland criteria satisfied?	No		
	1				



	Project Name:	Molalla LWI	Wetland:	BC-8
P	roject Location:	Clackamas County	Approx. Area (acres):	0.18
	Date:	4/20/01	Wetland Types(s):	PEM, POWx
Ex	clusions: This we	tland cannot be designated a	as significant if the	
		iswer to any of the criteria l		
1	Is this wetland art	ificially created entirely from	upland and:	-
		pose of controlling, storing, of		No
b.	is used for active :	No		
c.	is a ditch without	a free and open connection to	natural waters of the state	No
		and created unintentionally fr		No
e.	100	pose of wastewater treatment	N	
		liment settling, cooling indust		No
2		ortion of the wetland contam		
	substances, materi	als or wastes as per the condi	tions of ORS 141-86-350 1(b)	No
			Exclusion criteria satisfied?	No
Ma	ndatory Locally Si	gnificant Wetland Criteria:	This wetland is locally	
		s the answer to any of the cr		
1	Does the wetland	provide <i>diverse wildlife habit</i>	at?	No
		h habitat function intact?		No
		uter quality function intact?		No
		drologic control function into		No
5	Is the wetland less			
		ed water body (303(d) list) ar		
8		iter quality function intact, or		No
1		contain a rare plant communit		No
7		abited by any species listed fe		
	1777	te listed as sensitive, threaten		No
8		have a direct surface water co		
	(T) (T) (T)	as habitat for indigenous and		
		h habitat function intact, or in		No
	Mar	idatory Locally Significan	t Wetland criteria satisfied?	No are
Opt	ional Locally Sign	ificant Wetland Criteria : loc	cal governments may	
		significant if "Yes" is the ar		
1	Does the wetland	epresent a locally unique nati	ve plant community and	
	provides diverse w	vildlife habitat or habitat for s	come species or	
		pacted or degraded fish habita		
	(a)	pacted or degraded water qua	Section 1	
452		oacted or degraded hydrologi		No
2		licly owned and used by a sch	nool or organization and	
		rovide educational uses?		No
	0	ptional Locally Significan	t Wetland criteria satisfied?	No 4



7 A	Project Name:	Molalla LWI	Wetland:	BC-9	
P	roject Location:	Clackamas County	Approx. Area (acres):	0.15	
	Date:	5/24/01	Wetland Types(s):	PEM	
Ex	clusions: This we	tland cannot be designated a	as significant if the	**** 	
		nswer to any of the criteria b			
1	Is this wetland art	ificially created entirely from	upland and:		
	•	rpose of controlling, storing, of		No	
b	is used for active	surface mining or as a log por	nd	No	
C.	is a ditch without	a free and open connection to	natural waters of the state	No	
d.	is less than 1 acre	and created unintentionally fr	om irrigation or construction	No	
e.		rpose of wastewater treatment			
		diment settling, cooling indust		No	
2		portion of the wetland contam			
	substances, materi	ials or wastes as per the condi	tions of ORS 141-86-350 1(b)	No	
			Exclusion criteria satisfied?	No	
		ignificant Wetland Criteria:			
		s the answer to any of the cr			
Usas		provide diverse wildlife habite	at?	No	
2		sh habitat function intact?		No	
3		ater quality function intact?		No	
4	7	drologic control function into		No	
5	5 Is the wetland less than 1/4 mile from a water body listed by DEQ as a				
		ted water body (303(d) list) ar			
		ater quality function intact, or		No	
6		contain a rare plant communit	•	No	
1		abited by any species listed fe	70		
0	N-24 N	te listed as sensitive, threaten		No	
8		have a direct surface water co			
		as habitat for indigenous and		[N-	
		h habitat function intact, or in	it Wetland criteria satisfied?	No No	
				110	
		ificant Wetland Criteria: loc			
iae		significant if "Yes" is the an			
1		represent a locally unique nati	7		
		vildlife habitat or habitat for s	THE PARTY OF THE P		
		pacted or degraded fish habita pacted or degraded water qua			
	, n m	oacted or degraded water qua oacted or degraded hydrologi		No	
2		licly owned and used by a sch		INU	
		rovide educational uses?	of organization and	No	
			t Wetland criteria satisfied ?	No.	
	U	publial Locally Significan	i vvenanu crneria sansneu :	110	



Project Name:	Molalla LWI	Wetland:	BC-10
Project Location:	Clackamas County	Approx. Area (acres):	0.08
Date:	4/20/01	Wetland Types(s):	PEM
Exclusions: This wet	tland cannot be designated a	s significant if the	
	iswer to any of the criteria h		
	ificially created entirely from		
a. created for the pur	pose of controlling, storing, o	r maintaining stormwater	No
	surface mining or as a log pon		No
1	a free and open connection to		No
•	and created unintentionally fr		No
e. created for the pur	pose of wastewater treatment	, cranberry production,	
	liment settling, cooling indust		No
	portion of the wetland contami		
substances, materi	als or wastes as per the condi-	tions of ORS 141-86-350 1(b)	No
		Exclusion criteria satisfied?	No
Mandatory Locally Si	gnificant Wetland Criteria :	This wetland is locally	
	s the answer to any of the cr		
1 Does the wetland	provide <i>diverse wildlife habit</i> e	at?	No
2 Is the wetland's fis	th habitat function intact?		No
3 Is the wetland's wa	ater quality function intact?		No
	edrologic control function into		No
	than 1/4 mile from a water be		
	ed water body (303(d) list) ar		
II.	iter quality function intact, or	•	No
The same and the s	contain a rare plant communit	•	No
	abited by any species listed fe		
	te listed as sensitive, threatene		No
The state of the s	have a direct surface water con		
	as habitat for indigenous ana		
	h habitat function intact, or in		No
<u>Mar</u>	idatory Locally Significan	t Wetland criteria satisfied?	No
Optional Locally Sign	ificant Wetland Criteria: loc	al governments may	
	significant if "Yes" is the ar		
	represent a locally unique nati		
-	vildlife habitat or habitat for s		
	pacted or degraded fish habite		
	pacted or degraded water qua	A 10 M 2	
	pacted or degraded hydrologi	<u>, </u>	No
•	licly owned and used by a sch	ool or organization and	
does the wetland p	rovide educational uses?		No

Does not satisfy the criteria, Not a Locally Significant Wetland

Optional Locally Significant Wetland criteria satisfied?



Project Name:	Molalla LWI	Wetland:	BC-11
Project Location:	Clackamas County	Approx. Area (acres):	0.23
Date:	OFF-SITE	Wetland Types(s):	PEM
Exclusions: This wet	land cannot be designated :	as significant if the	
	swer to any of the criteria l		
	ificially created entirely from		
a. created for the pur	pose of controlling, storing, of	or maintaining stormwater	No
b. is used for active s	surface mining or as a log por	nd	No
	a free and open connection to		No
		om irrigation or construction	No
	pose of wastewater treatment	The state of the s	
	liment settling, cooling indus		No
	ortion of the wetland contam		
substances, materi	als or wastes as per the condi	tions of ORS 141-86-350 1(b)	No
		Exclusion criteria satisfied?	No
	gnificant Wetland Criteria:		
	the answer to any of the cr		
	provide diverse wildlife habit	at?	No
	h habitat function intact?		No
	iter quality function intact?	_	No
	drologic control function into		No
	than 1/4 mile from a water b		
2 2	ed water body (303(d) list) ar		
	ter quality function intact, or		No
See 10 10 10 10 10 10 10 10 10 10 10 10 10	contain a rare plant communit		No
	bited by any species listed fe		
	te listed as sensitive, threaten		No
		nnection to a stream segment	
	as habitat for indigenous and		N-
	h habitat function intact, or in		No No
		t Wetland criteria satisfied?	No.
	ificant Wetland Criteria: loc		
	significant if "Yes" is the ar		
	epresent a locally unique nati		
A 22 '	ildlife habitat or habitat for s	Company of the compan	
	pacted or degraded fish habite		
	pacted or degraded water qua	5) 350	T NT.
170	pacted or degraded hydrologi		No
-	icly owned and used by a sch	iooi or organization <u>and</u>	I Nta
	rovide educational uses?	4 Watland suitanin anti-Call	No
0	puonai Locany Significan	t Wetland criteria satisfied?	No No



Project Name:	Molalla LWI	Wetland:	BC-	12A
Project Location:	Clackamas County	Approx. Area (acres):	0.5	55
Date:	4/18/01	Wetland Types(s):	PF	O
Exclusions: This wet	land cannot be designated a	s significant if the		
	swer to any of the criteria b		15	
	ficially created entirely from			
a. created for the pur	pose of controlling, storing, c	or maintaining stormwater		No
b. is used for active s	urface mining or as a log pon	d		No
	a free and open connection to			No
	5	om irrigation or construction		No
	pose of wastewater treatment			
	iment settling, cooling indust	The state of the s		No
	ortion of the wetland contam			
substances, materia	als or wastes as per the condi	tions of ORS 141-86-350 1(b)		No
¥		Exclusion criteria satisfied?		No
	gnificant Wetland Criteria:			
	the answer to any of the cr			
	provide diverse wildlife habite	at?	Yes	
	h habitat function intact?		1	No
1	ter quality function intact?			No
	drologic control function into		Yes	
	than 1/4 mile from a water be			
	ed water body (303(d) list) <u>ar</u>		r	
	ter quality function intact, or			No
	ontain a rare plant communit	•		No
II av sa	bited by any species listed fe			
	e listed as sensitive, threaten			No
		nnection to a stream segment		
	as habitat for indigenous and			N.T.
	h habitat function intact, or in		1	No
		t Wetland criteria satisfied?	Yes	
	ificant Wetland Criteria : loc			
	significant if "Yes" is the ar			
	epresent a locally unique nati			
	ildlife habitat or habitat for s	And the state of t		
(S.)	acted or degraded fish habite	₩1 N1 - 0		
F-07	acted or degraded water qua	The state of the s	г	
N	acted or degraded hydrologi			No
	icly owned and used by a sch	ool or organization and	Γ	
	rovide educational uses?			No
Oj	ptional Locally Significan	t Wetland criteria satisfied?		No



17	Project Name:	Molalla LWI	Wetland:	BC-12B
P	roject Location:	Clackamas County	Approx. Area (acres):	3.34
	Date:	4/25/01, 5/24/01	Wetland Types(s):	PEM
Ex		tland cannot be designated		1
		iswer to any of the criteria		
		ificially created entirely from		
		pose of controlling, storing,		No
		surface mining or as a log por		No
		a free and open connection to		No
			rom irrigation or construction	No
e.		pose of wastewater treatmen		
	=	liment settling, cooling indus		No
2		portion of the wetland contain		
	substances, materi	als or wastes as per the cond	itions of ORS 141-86-350 1(b)	No
		A-	Exclusion criteria satisfied?	No
Secretary and the second		gnificant Wetland Criteria:		
		s the answer to any of the ci		
		provide <i>diverse wildlife habit</i>	tat?	No
5,0%	1.00	h habitat function intact?		No
3		ater quality function intact?		No
		drologic control function into		No
5		than 1/4 mile from a water b		
		ed water body (303(d) list) a		
		iter quality function intact, of		No
6		contain a rare plant communi		No
7		abited by any species listed fe		
		te listed as sensitive, threaten		No
8			onnection to a stream segment	
	5	/ as habitat for indigenous an		
		h habitat function intact, or i		No
	Mai	idatory Locally Significat	nt Wetland criteria satisfied?	No No
		ificant Wetland Criteria : lo		
		significant if "Yes" is the a		
1		represent a locally unique nat		
	New York and the second of the	vildlife habitat or habitat for .		
		pacted or degraded fish habit		
		pacted or degraded water que		
	W	pacted or degraded hydrolog.		No
2		licly owned and used by a scl	hool or organization <u>and</u>	
		rovide educational uses?		No
	O	ptional Locally Significan	nt Wetland criteria satisfied?	No 1



Project Name:	Molalla LWI	Wetland:	BC-13
Project Location:	Clackamas County	Approx. Area (acres):	0.35
Date:	4/25/01	Wetland Types(s):	PEM
Exclusions: This we	tland cannot be designated a	as significant if the	
	nswer to any of the criteria l		
1	ificially created entirely from	A••	
	rpose of controlling, storing, of		No
The second secon	surface mining or as a log por		No
1	a free and open connection to		No
	and created unintentionally fr		No
	rpose of wastewater treatment		· · · · · · · · · · · · · · · · · · ·
	diment settling, cooling indus	12	No
1 Indiana in the contract of t	portion of the wetland contam		
substances, mater	ials or wastes as per the condi	tions of ORS 141-86-350 1(b)	No
		Exclusion criteria satisfied?	No
	ignificant Wetland Criteria:		
	s the answer to any of the cr		
The second secon	provide diverse wildlife habit	at?	No
	sh habitat function intact?		No
	ater quality function intact?		No
253	drologic control function into		No
	s than 1/4 mile from a water b		
	ted water body (303(d) list) <u>ar</u>		
	ater quality function intact, or		No
	contain a rare plant communit		No
	abited by any species listed fe		
	te listed as sensitive, threaten		No
	have a direct surface water co		
	V as habitat for indigenous and		
	h habitat function intact, or in		No
Mai	ndatory Locally Significan	t Wetland criteria satisfied?	No
Optional Locally Sign	ificant Wetland Criteria : loc	eal governments may	
	significant if "Yes" is the ar		
	represent a locally unique nati	Ť	
-	vildlife habitat or habitat for s		
	pacted or degraded fish habit		
1.e.	pacted or degraded water qua		
	pacted or degraded hydrologi	2	No
	licly owned and used by a sch	nool or organization <u>and</u>	
	provide educational uses?		No
0	ptional Locally Significan	t Wetland criteria satisfied?	Spin No



Project Name:	Molalla LWI	Wetland:	BC-14f
Project Location:	Clackamas County	Approx. Area (acres):	0.16
Date:	OFF-SITE	Wetland Types(s):	PEMf
Exclusions: This we	etland cannot be designated as	s significant if the	
	nswer to any of the criteria b		
	tificially created entirely from u	-	
	irpose of controlling, storing, or	NAME OF TAXABLE PARTY.	No
	surface mining or as a log pond		No
	t a free and open connection to i		No
	e and created unintentionally fro		No
	irpose of wastewater treatment,		
0.000	ediment settling, cooling industr		No
	portion of the wetland contamin		
substances, mater	rials or wastes as per the conditi		No
		Exclusion criteria satisfied?	l No
	Significant Wetland Criteria : T		
	is the answer to any of the cri		
	l provide <i>diverse wildlife habita</i>	<i>t</i> ?	No
12.90	ish habitat function intact?		No
	vater quality function intact?		No
	ydrologic control function intac		No
	ss than 1/4 mile from a water bo	(B)	
	ited water body (303(d) list) and		
	vater quality function intact, or		No
	contain a rare plant community		No
	nabited by any species listed fed		
	ate listed as sensitive, threatene		No
	have a direct surface water con		
8 8 8	W as habitat for indigenous anac		
	sh habitat function intact, or im		No
Ma	indatory Locally Significant	Wetland criteria satisfied?	No -
	nificant Wetland Criteria : loca		
identify a wetland as	s significant if "Yes" is the an	swer to the criteria below	
1 Does the wetland	represent a locally unique nativ	e plant community and	
provides diverse	wildlife habitat or habitat for so	ome species <u>or</u>	
	npacted or degraded fish habita		
	npacted or degraded water qual		
has a intact, or in	ipacted or degraded hydrologic	control function.	No
	blicly owned and used by a scho	ool or organization and	
	provide educational uses?		No
(Optional Locally Significant	Wetland criteria satisfied?	No '



Project Name:	Molalla LWI	Wetland:	BC-15
Project Location:	Clackamas County	Approx. Area (acres):	0.80
Date:	6/6/01	Wetland Types(s):	PEM
Exclusions: This we	tland cannot be designated a	as significant if the	
PARTIE THE PROPERTY OF THE PARTIES AND ADDRESS O	nswer to any of the criteria l		
1 Is this wetland art	ificially created entirely from	upland and:	_
a. created for the pur	rpose of controlling, storing, of	or maintaining stormwater	No
b. is used for active :	surface mining or as a log por	nd	No
c. is a ditch without	a free and open connection to	natural waters of the state	No
d. is less than 1 acre	and created unintentionally fi	om irrigation or construction	No
e. created for the pur	rpose of wastewater treatment	, cranberry production,	
farm watering, sec	diment settling, cooling indus	trial water, or a golf hazard	No
2 Is the wetland or p	portion of the wetland contam	inated by hazardous	
substances, materi	ials or wastes as per the condi	tions of ORS 141-86-350 1(b)	No
		Exclusion criteria satisfied?	No No
Mandatory Locally Si	ignificant Wetland Criteria:	This wetland is locally	
	s the answer to any of the cr		
1 Does the wetland	provide diverse wildlife habit	at?	No
2 Is the wetland's fis	sh habitat function intact?		No
3 Is the wetland's we	ater quality function intact?		No
4 Is the wetland's hy	drologic control function into	act?	No
5 Is the wetland less	than 1/4 mile from a water b	ody listed by DEQ as a	a seguinalista singles esta
water quality limit	ted water body (303(d) list) ar	nd_	
is the wetland's we	ater quality function intact, or	impacted or degraded?	No
	contain a rare plant communi		No
	abited by any species listed fe		
	te listed as sensitive, threaten		No
	have a direct surface water co		
	as habitat for indigenous and		
	h habitat function intact, or in		No
Mar	idatory Locally Significan	t Wetland criteria satisfied?	No
Optional Locally Sign	ificant Wetland Criteria : loc	cal governments may	
identify a wetland as	significant if "Yes" is the an	nswer to the criteria below	
1 Does the wetland	represent a locally unique nati	ve plant community and	
	vildlife habitat or habitat for s		
	pacted or degraded fish habit		
	pacted or degraded water qua	(전) [휴	
_	pacted or degraded hydrologi		No
	licly owned and used by a sch	nool or organization <u>and</u>	
	rovide educational uses?		No
0	ptional Locally Significan	t Wetland criteria satisfied?	No



Project Na	me: Molalla LW	I Wetland:	BC-16A
Project Loca	clackamas County	Approx. Area (acres):	0.96
Date:	OFF-SITE	Wetland Types(s):	PEM
Exclusions: T	his wetland cannot be designate	ed as significant if the	
	answer to any of the criteri		
1 Is this wet	land artificially created entirely fro		
a. created for	the purpose of controlling, storing	g, or maintaining stormwater	No
b. is used for	active surface mining or as a log J	pond	No
	vithout a free and open connection		No
1	1 acre and created unintentionally		No
	the purpose of wastewater treatm		
	ring, sediment settling, cooling ind	The second secon	No
	and or portion of the wetland cont	Control of the Contro	
substances	, materials or wastes as per the con		No
		Exclusion criteria satisfied?	No
	cally Significant Wetland Criterio		
	Yes" is the answer to any of the		
	etland provide diverse wildlife ha		No
I	and's fish habitat function intact?		No
	and's water quality function intact		No
l .	and's hydrologic control function i	,	No
	and less than 1/4 mile from a wate		
	ty limited water body (303(d) list		1 37 7
	and's water quality function intact,		No
	retland contain a rare plant commu	- 1	No
1.64	and inhabited by any species listed	The state of the s	I Ma
1270	I, or state listed as sensitive, threat		No
	etland have a direct surface water ODFW as habitat for indigenous	9	
	and's fish habitat function intact, o		No
is the wetta		cant Wetland criteria satisfied?	No
Ostional I			
	lly Significant Wetland Criteria : and as significant if "Yes" is the		
	etland represent a locally unique r		
	verse wildlife habitat or habitat fo		
	t, or impacted or degraded fish ha		
la contract of the contract of	, or impacted or degraded water of	20 Same of 1	
to the second se	, or impacted or degraded hydrol		No
	and publicly owned and used by a		1.
	etland provide educational uses?		No
Service of the servic		cant Wetland criteria satisfied?	No



Project Name:	Molalla LWI	Wetland:	BC-16B
Project Location:	Clackamas County	Approx. Area (acres):	0.96
Date:	6/6/01	Wetland Types(s):	PEM
Exclusions: This wetl	and cannot be designated a	as significant if the	7.6
	swer to any of the criteria l		
	ficially created entirely from		-
a. created for the purp	oose of controlling, storing, o	or maintaining stormwater	No
b. is used for active so	urface mining or as a log por	nd	No
c. is a ditch without a	free and open connection to	natural waters of the state	No
d. is less than 1 acre a	and created unintentionally fr	om irrigation or construction	No
e. created for the purp	oose of wastewater treatment	, cranberry production,	
	iment settling, cooling indust	The state of the s	No
	ortion of the wetland contam		PARTITION OF THE PARTIT
substances, materia	als or wastes as per the condi	tions of ORS 141-86-350 1(b)	No
		Exclusion criteria satisfied?	No
Mandatory Locally Sig	mificant Wetland Criteria:	This wetland is locally	
	the answer to any of the cr		
	rovide diverse wildlife habite	at?	No
	habitat function intact?		No
	ter quality function intact?		No
	lrologic control function into		No
The second secon	than 1/4 mile from a water be		
	ed water body (303(d) list) <u>ar</u>		
	ter quality function intact, or		No
	ontain a rare plant communit	Till the state of	No
	bited by any species listed fe		
	e listed as sensitive, threaten		No
		nnection to a stream segment	
	as habitat for indigenous and		
	habitat function intact, or in		No
Man	datory Locally Significan	t Wetland criteria satisfied?	No
The state of the s	ficant Wetland Criteria: loc		
	ignificant if "Yes" is the a		
	epresent a locally unique nati	-	
	ldlife habitat or habitat for s		
	acted or degraded fish habite		
	acted or degraded water qua		
_	acted or degraded hydrologi		No
	icly owned and used by a sch	lool or organization and	
	ovide educational uses?		No
Op	otional Locally Significan	t Wetland criteria satisfied?	No



Pro	oject Name:	Molalla LWI	Wetland:	BC-	17A
	ect Location:	Clackamas County	Approx. Area (acres):	1.9	6
	Date:	OFF-SITE	Wetland Types(s):	PF	O
Exclu	sions: This wet	tland cannot be designated a	s significant if the		
		iswer to any of the criteria b			
1 Is		ificially created entirely from		_	
A Committee of the Comm		pose of controlling, storing, of			No
		surface mining or as a log pon			No
		a free and open connection to			No
.II		and created unintentionally fr			No
		pose of wastewater treatment			
1		liment settling, cooling indust			No
		oortion of the wetland contam			
su	bstances, materi	als or wastes as per the condi-	tions of ORS 141-86-350 1(b)		No
			Exclusion criteria satisfied?		No
		gnificant Wetland Criteria :			
		s the answer to any of the cr			
		provide <i>diverse wildlife habite</i>	at?		No
1	A 100 M	h habitat function intact?		Yes	
1		iter quality function intact?			No
		drologic control function into			No
1		than 1/4 mile from a water be			
1		ed water body (303(d) list) ar			
		iter quality function intact, or			No
		contain a rare plant communit			No
		abited by any species listed fe	The Control of the Co		
		te listed as sensitive, threatene			No
		have a direct surface water con			
1	5 7	as habitat for indigenous and			NI.
18		h habitat function intact, or in		Yes	No
			t Wetland criteria satisfied?	i es	
		ificant Wetland Criteria: loc			
		significant if "Yes" is the ar			
II.		represent a locally unique nati			
5.75		vildlife habitat or habitat for s			
		pacted or degraded fish habita			
		pacted or degraded water qua			No
14 500	- 10 No. 10 No. 10 No.	pacted or degraded hydrologi liely owned and used by a sch	1779 178 178 178 178 178 178 178 178 178 178		110
		licly owned and used by a sch rovide <i>educational uses</i> ?	oor or organization and		No
uo			t Watland oritoria satisfied ?		No
	U	puonai Locany Significan	t Wetland criteria satisfied?	ret de la company	110



Project Name:	Molalla LWI	Wetland:	BC-	-17B
Project Location:	Clackamas County	Approx. Area (acres):	0.	14
Date:	5/1/01	Wetland Types(s):	PE	EM
Exclusions: This wet	land cannot be designated a	s significant if the		
	swer to any of the criteria b			
1 Is this wetland arti	ficially created entirely from u	upland and:	_	
a. created for the pur	pose of controlling, storing, or	r maintaining stormwater		No
b. is used for active s	surface mining or as a log pone	d		No
	a free and open connection to			No
	and created unintentionally fro			No
	pose of wastewater treatment,			
	iment settling, cooling industr			No
	ortion of the wetland contami	-		
substances, materi	als or wastes as per the condit			No
		Exclusion criteria satisfied?		No
	gnificant Wetland Criteria : T			
	the answer to any of the cri			
	provide <i>diverse wildlife habita</i>	t?		No
	h habitat function intact?		Yes	
	iter quality function intact?		Yes	
	drologic control function intac			No
The state of the s	than 1/4 mile from a water bo			
II 170	ed water body (303(d) list) and			
	ter quality function intact, or	•		No
1	contain a rare plant community			No
	bited by any species listed fed			N.
	e listed as sensitive, threatene			No
	have a direct surface water con			
The second secon	as habitat for indigenous anach habitat for stien integer			No
	h habitat function intact, or im	t Wetland criteria satisfied?	Yes	INU
			1	H4531131472 x 5122
	<i>ificant Wetland Criteria</i> : loca significant if "Yes" is the an	The state of the s		
	epresent a locally unique nativ		1	
	ildlife habitat or habitat for so			
72	pacted or degraded fish habita	-		
	pacted or degraded water qual			
	pacted or degraded hydrologic			No
	icly owned and used by a scho			1,0
	rovide <i>educational uses</i> ?	or or gamemon und		No
		Wetland criteria satisfied ?	STREET,	No
	puonai Locally Significant	Trenand Criteria satisfied :	西洋山海州山湖	110



Project Name:	Molalla LWI	Wetland:	BC-18
Project Location:	Clackamas County	Approx. Area (acres):	0.12
Date:	4/25/01	Wetland Types(s):	PEM, PSS
Exclusions: This we	tland cannot be designated :	as significant if the	
	nswer to any of the criteria l		
1 Is this wetland art	ificially created entirely from	upland and:	-
a. created for the pu	rpose of controlling, storing, of	or maintaining stormwater	No
b. is used for active	surface mining or as a log por	nd	No
c. is a ditch without	a free and open connection to	natural waters of the state	No
d. is less than 1 acre	and created unintentionally fi	om irrigation or construction	No
e. created for the pur	rpose of wastewater treatment	, cranberry production,	
farm watering, see	diment settling, cooling indus	trial water, or a golf hazard	No
2 Is the wetland or p	portion of the wetland contam	inated by hazardous	
substances, mater	ials or wastes as per the condi	tions of ORS 141-86-350 1(b)	No
		Exclusion criteria satisfied?	No
Mandatory Locally S	ignificant Wetland Criteria:	This wetland is locally	
significant if "Yes" i	s the answer to any of the cr	iteria below.	
	provide diverse wildlife habit		No
2 Is the wetland's fis	sh habitat function intact?		No
3 Is the wetland's w	ater quality function intact?		No
4 Is the wetland's hy	drologic control function into	act?	No
5 Is the wetland less	s than 1/4 mile from a water b	ody listed by DEQ as a	
water quality limi	ted water body (303(d) list) ar	nd	
is the wetland's wa	ater quality function intact, or	· impacted or degraded?	No
6 Does the wetland	contain a rare plant communi	ty?	No
7 Is the wetland inh	abited by any species listed fe	derally as threatened or	
endangered, or sta	te listed as sensitive, threaten	ed or endangered?	No
I constant to the constant to	have a direct surface water co		
	V as habitat for indigenous and		
	h habitat function intact, or is		No
Mai	ndatory Locally Significar	it Wetland criteria satisfied?	No.
Optional Locally Sign	ificant Wetland Criteria : lo	cal governments may	
identify a wetland as	significant if "Yes" is the a	nswer to the criteria below	
1 Does the wetland	represent a locally unique nat	ve plant community and	_
provides diverse v	vildlife habitat or habitat for s	some species or	
has a intact, or im	pacted or degraded fish habit	at function or	
has a intact, or im	pacted or degraded water qua	ulity function or	
has a intact, or im	pacted or degraded hydrologi	c control function .	No
	licly owned and used by a scl	nool or organization <u>and</u>	
does the wetland p	provide educational uses?	D0000000000000000000000000000000000000	No
C	ptional Locally Significan	t Wetland criteria satisfied?	No



Project Name:	Molalla LWI	Wetland:	BC	-19
Project Location:	Clackamas County	Approx. Area (acres):	1.4	.5
Date:	OFF-SITE	Wetland Types(s):	PF	O
Exclusions: This we	tland cannot be designated a	as significant if the		
	nswer to any of the criteria h			
	ificially created entirely from			
a. created for the pu	rpose of controlling, storing, o	or maintaining stormwater	2100-44	No
b. is used for active	surface mining or as a log por	nd		No
c. is a ditch without	a free and open connection to	natural waters of the state		No
d. is less than 1 acre	and created unintentionally fr	om irrigation or construction		No
e. created for the pu	rpose of wastewater treatment	, cranberry production,		
	diment settling, cooling indust			No
	portion of the wetland contam			
substances, mater	ials or wastes as per the condi	tions of ORS 141-86-350 1(b)		No
	, , , , , , , , , , , , , , , , , , , ,	Exclusion criteria satisfied?		No
	ignificant Wetland Criteria:			
	s the answer to any of the cr			
	provide diverse wildlife habite	at?	Yes	
	sh habitat function intact?		Yes	
The state of the s	ater quality function intact?			No
	vdrologic control function into			No
	s than 1/4 mile from a water be			
	ted water body (303(d) list) <u>ar</u>			W 90
	ater quality function intact, or			No
	contain a rare plant communit			No
	abited by any species listed fe			
	ite listed as sensitive, threaten	- 10 - 10 - 10 - 10 - 10 - 10 - 10 - 10		No
	have a direct surface water co			
5 7 5	V as habitat for indigenous and			XT.
	sh habitat function intact, or in		N/oc	No
		t Wetland criteria satisfied?	Yes	
	ificant Wetland Criteria : loc			
	significant if "Yes" is the ar			
	represent a locally unique nati	7)		
(T)	vildlife habitat or habitat for s			
	pacted or degraded fish habite			
	pacted or degraded water qua			No
The second secon	pacted or degraded hydrologi			No
V/	olicly owned and used by a sch	iooi or organization <u>and</u>	Г	No
	provide educational uses?	4 W/41 - 1 - 24 - 2 - 42 - C - 1 0		No
C	ptional Locally Significan	t Wetland criteria satisfied?		No



Project Name:	Molalla LWI	Wetland:	BC-20
Project Location:	Clackamas County	Approx. Area (acres):	0.84
Date:	OFF-SITE	Wetland Types(s):	PEM
Exclusions: This we	tland cannot be designated a	s significant if the	
	nswer to any of the criteria h		
	ificially created entirely from		-
a. created for the pur	rpose of controlling, storing, of	or maintaining stormwater	No
b. is used for active	surface mining or as a log pon	d	No
c. is a ditch without	a free and open connection to	natural waters of the state	No
d. is less than 1 acre	and created unintentionally fr	om irrigation or construction	No
e. created for the pur	rpose of wastewater treatment	, cranberry production,	
farm watering, see	diment settling, cooling indust	rial water, or a golf hazard	No
2 Is the wetland or p	portion of the wetland contam	inated by hazardous	
substances, mater	ials or wastes as per the condi-		No
		Exclusion criteria satisfied?	No -
Mandatory Locally Si	ignificant Wetland Criteria:	This wetland is locally	
	s the answer to any of the cr		
1 Does the wetland	provide diverse wildlife habite	at?	No
2 Is the wetland's fis	sh habitat function intact?		No
3 Is the wetland's we	ater quality function intact?		No
4 Is the wetland's hy	drologic control function into	ct?	No
5 Is the wetland less	s than 1/4 mile from a water be	ody listed by DEQ as a	
water quality limit	ted water body (303(d) list) ar	<u>d</u>	
is the wetland's wa	ater quality function intact, or	impacted or degraded?	No
6 Does the wetland	contain a rare plant communit	y?	No
	abited by any species listed fe	per realization of the state of	
endangered, or sta	te listed as sensitive, threaten	ed or endangered?	No
	have a direct surface water co		
	V as habitat for indigenous and		
	h habitat function intact, or in		No
Mai	ndatory Locally Significan	t Wetland criteria satisfied?	No
Optional Locally Sign	ificant Wetland Criteria: loc	al governments may	
identify a wetland as	significant if "Yes" is the ar	iswer to the criteria below	
1 Does the wetland	represent a locally unique nati	ve plant community and	-
provides diverse w	vildlife habitat or habitat for s	ome species <u>or</u>	
	pacted or degraded fish habite	**************************************	
has a intact, or imp	pacted or degraded water qua	lity function or	
has a intact, or imp	pacted or degraded hydrologi	c control function .	No
	licly owned and used by a sch	ool or organization and	
does the wetland p	provide educational uses?	tions for the second se	No
0	ptional Locally Significan	t Wetland criteria satisfied?	No



	Project Name:	Molalla LWI	Wetland:	BC-21
P	roject Location:	Clackamas County	Approx. Area (acres):	0.92
	Date:	6/6/01	Wetland Types(s):	PFO
Ex	clusions: This wet	tland cannot be designated :	as significant if the	
	ar	nswer to any of the criteria	below is "Yes".	
		ificially created entirely from		
	0	pose of controlling, storing, of	, and a second s	No
		surface mining or as a log por		No
		a free and open connection to		No
ŧ.			rom irrigation or construction	No
e.	(<u>*</u> 2	pose of wastewater treatment		
		liment settling, cooling indus		No
2	7	portion of the wetland contam		
	substances, materi	als or wastes as per the condi	tions of ORS 141-86-350 1(b)	No
			Exclusion criteria satisfied?	No
Mo	indatory Locally Si	gnificant Wetland Criteria:	This wetland is locally	
sig	nificant if "Yes" is	s the answer to any of the ci	riteria below.	**************************************
1	Does the wetland	provide <i>diverse wildlife habit</i>	at?	No
		h habitat function intact?		No
		ater quality function intact?		No
		edrologic control function into		No
5		than 1/4 mile from a water b		
ji.		ted water body (303(d) list) and		
		nter quality function intact, or		No
6		contain a rare plant communi		No
7		abited by any species listed fe		
	- AND AND	te listed as sensitive, threaten		No
8			nnection to a stream segment	
		as habitat for indigenous an		
		h habitat function intact, or i		No
	Mar	idatory Locally Significar	nt Wetland criteria satisfied?	No
Op	tional Locally Sign	ificant Wetland Criteria: lo	cal governments may	
ide	ntify a wetland as	significant if "Yes" is the a	nswer to the criteria below	
1	Does the wetland	represent a locally unique nat	ive plant community and	
	provides diverse w	vildlife habitat or habitat for s	some species or	
	has a intact, or imp	pacted or degraded fish habit	at function or	
	W	pacted or degraded water qua		
	has a intact, or imp	pacted or degraded hydrolog	ic control function .	No
2		licly owned and used by a scl	nool or organization and	V 1
		rovide educational uses?	- Table - Tabl	No
	0	ptional Locally Significar	nt Wetland criteria satisfied?	No No



Project Name:	Molalla LWI	Wetland:	BC-22A
Project Location:	Clackamas County	Approx. Area (acres):	0.71
Date:	6/6/01	Wetland Types(s):	PEM
Exclusions: This we	tland cannot be designated :	as significant if the	
	nswer to any of the criteria l		
1 Is this wetland art	ificially created entirely from	upland and:	
	rpose of controlling, storing, of		No
b. is used for active	surface mining or as a log por	nd	No
I a a a a a a a a a a a a a a a a a a a	a free and open connection to		No
la contract de la con	and created unintentionally fi	TATE OF THE PARTY	No
-	rpose of wastewater treatment		(particular and particular and parti
	diment settling, cooling indus		No
	portion of the wetland contam	5	T
substances, mater	ials or wastes as per the condi	tions of ORS 141-86-350 1(b)	No
		Exclusion criteria satisfied?	No No
Mandatory Locally S	ignificant Wetland Criteria:	This wetland is locally	
significant if "Yes" i	s the answer to any of the ci	iteria below.	
1 Does the wetland	provide diverse wildlife habit	at?	No
	sh habitat function intact?		No
Le con	ater quality function intact?		No
	edrologic control function into		No
	s than 1/4 mile from a water b		
124	ted water body (303(d) list) and		
	ater quality function intact, or		No
	contain a rare plant communi		No
	abited by any species listed fe		
	te listed as sensitive, threaten	10	No
1	have a direct surface water co	_	
	V as habitat for indigenous and		
	th habitat function intact, or is		No
Mai	ndatory Locally Significar	nt Wetland criteria satisfied?	No
Optional Locally Sign	nificant Wetland Criteria : lo	cal governments may	
identify a wetland as	significant if "Yes" is the a	nswer to the criteria below	
1 Does the wetland	represent a locally unique nat	ive plant community and	
	vildlife habitat or habitat for s		
	pacted or degraded fish habit	•	
57	pacted or degraded water qua	and the second second	
The same of the sa	pacted or degraded hydrologi		No
	licly owned and used by a scl	nool or organization <u>and</u>	
	provide educational uses?		No
0	ptional Locally Significan	t Wetland criteria satisfied?	No. 15



Project Name:	Molalla LWI	Wetland:	BC	-22B
Project Location:	Clackamas County	Approx. Area (acres):	10	.64
Date:	5/1/01, 6/6/01	Wetland Types(s):	PFO,	POW
Exclusions: This we	tland cannot be designated a	as significant if the		
	nswer to any of the criteria l			
1 Is this wetland art	ificially created entirely from	upland and:		
a. created for the pur	rpose of controlling, storing, of	or maintaining stormwater		No
b. is used for active s	surface mining or as a log por	nd		No
c. is a ditch without	a free and open connection to	natural waters of the state		No
d. is less than 1 acre	and created unintentionally fi	om irrigation or construction		No
e. created for the pur	rpose of wastewater treatment	, cranberry production,		
The same of the sa	diment settling, cooling indus			No
	portion of the wetland contam			
substances, materi	ials or wastes as per the condi	tions of ORS 141-86-350 1(b)		No
		Exclusion criteria satisfied?		No
Mandatory Locally Si	ignificant Wetland Criteria:	This wetland is locally		
significant if "Yes" is	s the answer to any of the cr	iteria below.		
1 Does the wetland	provide diverse wildlife habit	at?	Yes	
2 Is the wetland's fis	sh habitat function intact?		Yes	
3 Is the wetland's wa	ater quality function intact?		Yes	
4 Is the wetland's hy	edrologic control function into	act?	Yes	
5 Is the wetland less	than 1/4 mile from a water b	ody listed by DEQ as a		
water quality limit	ted water body (303(d) list) ar	<u>nd</u>		
is the wetland's we	ater quality function intact, or	impacted or degraded?		No
6 Does the wetland	contain a rare plant communit	y?		No
7 Is the wetland inha	abited by any species listed fe	derally as threatened or		
	te listed as sensitive, threaten			No
	have a direct surface water co			
	as habitat for indigenous and			
	h habitat function intact, or in			No
Mar	idatory Locally Significan	t Wetland criteria satisfied ?	Yes	AND THE COL
Optional Locally Sign	ificant Wetland Criteria : loc	cal governments may		
	significant if "Yes" is the ar			
	represent a locally unique nati			
	vildlife habitat or habitat for s			
	pacted or degraded fish habit			
	pacted or degraded water qua			
	pacted or degraded hydrologi			No
	licly owned and used by a sch	nool or organization and		
	rovide educational uses?			No
0	ptional Locally Significan	t Wetland criteria satisfied?		No



Project Name:	Molalla LWI	Wetland:	BC	-22C
Project Location:	Clackamas County	Approx. Area (acres):	3.	48
Date:	OFF-SITE	Wetland Types(s):	PI	EM
Exclusions: This w	vetland cannot be designated	as significant if the		
	answer to any of the criteria			
	artificially created entirely from			
a. created for the p	ourpose of controlling, storing,	or maintaining stormwater	The task of the second of the second	No
b. is used for activ	e surface mining or as a log por	nd		No
c. is a ditch withou	it a free and open connection to	natural waters of the state		No
d. is less than 1 acr	re and created unintentionally f	rom irrigation or construction		No
· ·	ourpose of wastewater treatmen			-
	sediment settling, cooling indus			No
	r portion of the wetland contant			
substances, mate	erials or wastes as per the cond	itions of ORS 141-86-350 1(b)		No
		Exclusion criteria satisfied?		No
	Significant Wetland Criteria:			
	is the answer to any of the co			
	d provide <i>diverse wildlife habii</i>	tat?		No
	fish habitat function intact?			No
	water quality function intact?			No
le control de la	hydrologic control function into			No
	ess than 1/4 mile from a water b			
	nited water body (303(d) list) a			
	water quality function intact, of			No
	d contain a rare plant communi			No
	habited by any species listed fe			
	tate listed as sensitive, threaten			No
	d have a direct surface water co			
	W as habitat for indigenous an			- N.T.
	fish habitat function intact, or i			No
		nt Wetland criteria satisfied?		No
	gnificant Wetland Criteria: lo			
	as significant if "Yes" is the a			
	d represent a locally unique nat	5		
	wildlife habitat or habitat for .			
	mpacted or degraded fish habit			
100	mpacted or degraded water qua			1
The same of the sa	mpacted or degraded hydrolog	the second secon		No
L	ablicly owned and used by a sc	hool or organization and		
	provide educational uses?			No
	Optional Locally Significan	nt Wetland criteria satisfied?		No



Project Name:	Molalla LWI	Wetland:	BC-22D
Project Location:	Clackamas County	Approx. Area (acres):	1.78
Date:	OFF-SITE	Wetland Types(s):	PEM
Exclusions: This we	tland cannot be designated a	s significant if the	
	iswer to any of the criteria b		
	ificially created entirely from		_
a. created for the pur	pose of controlling, storing, of	or maintaining stormwater	No
b. is used for active s	surface mining or as a log por	d	No
	a free and open connection to		No
d. is less than 1 acre	and created unintentionally fr	om irrigation or construction	No
e. created for the pur	pose of wastewater treatment	, cranberry production,	
farm watering, sec	liment settling, cooling indust	rial water, or a golf hazard	No
	portion of the wetland contam		
substances, materi	als or wastes as per the condi	tions of ORS 141-86-350 1(b)	No
		Exclusion criteria satisfied?	No
Mandatory Locally Si	ignificant Wetland Criteria:	This wetland is locally	
significant if "Yes" i	s the answer to any of the cr	iteria below.	
1 Does the wetland	provide <i>diverse wildlife habit</i> e	at?	No
	th habitat function intact?		No
3 Is the wetland's we	ater quality function intact?		No
	edrologic control function into		No
0	than 1/4 mile from a water be		
5 5	ted water body (303(d) list) ar		36
	uter quality function intact, or	•	No
	contain a rare plant communit	• •	No
	abited by any species listed fe	A CONTRACTOR OF THE PROPERTY O	
	te listed as sensitive, threatene		No
A CONTROL OF THE PROPERTY OF T	have a direct surface water co	<u> </u>	
	as habitat for indigenous and		
	h habitat function intact, or in		No
Mar	idatory Locally Significan	t Wetland criteria satisfied?	No
	ificant Wetland Criteria: loc		
	significant if "Yes" is the ar		
	represent a locally unique nati		
	vildlife habitat or habitat for s	•	
	pacted or degraded fish habite		
	pacted or degraded water qua		
- 10 and 10 10 10 10 10 10 10 10 10 10 10 10 10	pacted or degraded hydrologi	The second secon	No
	licly owned and used by a sch	ool or organization and	
	rovide educational uses?	and the second s	No
0	ptional Locally Significan	t Wetland criteria satisfied?	No v



Project Name:	Molalla LWI	Wetland:	BC-22E
Project Location:	Clackamas County	Approx. Area (acres):	0.27
Date:	6/6/01	Wetland Types(s):	PEM
Exclusions: This wet	tland cannot be designated a	s significant if the	
PROPERTY AND THE PROPERTY OF T	iswer to any of the criteria b		
	ificially created entirely from		
	pose of controlling, storing, c		No
b. is used for active s	surface mining or as a log pon	d	No
c. is a ditch without	a free and open connection to	natural waters of the state	No
d. is less than 1 acre	and created unintentionally fr	om irrigation or construction	No
e. created for the pur	pose of wastewater treatment	, cranberry production,	
	liment settling, cooling indust		No
I	ortion of the wetland contam		
substances, materi	als or wastes as per the condi-	tions of ORS 141-86-350 1(b)	No
	W	Exclusion criteria satisfied?	No
Mandatory Locally Si	gnificant Wetland Criteria:	This wetland is locally	
	s the answer to any of the cr		
1 Does the wetland	provide <i>diverse wildlife habit</i> e	at?	No
	h habitat function intact?		No
	ater quality function intact?		No
	edrologic control function into		No
The same of the sa	than 1/4 mile from a water be		
	ed water body (303(d) list) ar		
	iter quality function intact, or		No
	contain a rare plant communit	ā	No
	abited by any species listed fe		
	te listed as sensitive, threaten		No
F1 00	have a direct surface water co		
at Sime Sime and the	as habitat for indigenous and	THE STATE OF THE S	21 (8)
	h habitat function intact, or in		No
Mar	idatory Locally Significan	t Wetland criteria satisfied ?	No
Optional Locally Sign	ificant Wetland Criteria: loc	al governments may	
identify a wetland as	significant if "Yes" is the ar	nswer to the criteria below	
1 Does the wetland r	represent a locally unique nati	ve plant community and	
provides diverse w	vildlife habitat or habitat for s	ome species <u>or</u>	
has a intact, or imp	pacted or degraded fish habite	at function or	
has a intact, or imp	pacted or degraded water qua	lity function or	
has a intact, or imp	pacted or degraded hydrologi	c control function.	No
2 Is the wetland pub	licly owned and used by a sch	ool or organization <u>and</u>	
does the wetland p	rovide educational uses?		No
O	ptional Locally Significan	t Wetland criteria satisfied?	No



			400 20
Project Name:	Molalla LWI	Wetland:	BC-23A
Project Location:	Clackamas County	Approx. Area (acres):	0.25
Date:	5/1/01, 5/24/01	Wetland Types(s):	PFO
Exclusions: This wetla	and cannot be designated :	as significant if the	
ans	wer to any of the criteria l	below is "Yes".	
1 Is this wetland artifi	cially created entirely from	upland and:	
	ose of controlling, storing, of		No
b. is used for active su	rface mining or as a log por	nd	No
c. is a ditch without a	free and open connection to	natural waters of the state	No
	-	rom irrigation or construction	No
	ose of wastewater treatment		
	ment settling, cooling indus		No
	rtion of the wetland contam		
substances, material	s or wastes as per the condi	tions of ORS 141-86-350 1(b)	No
		Exclusion criteria satisfied?	No
Mandatory Locally Sign	nificant Wetland Criteria:	This wetland is locally	
	the answer to any of the cr		
	ovide <i>diverse wildlife habit</i>	at?	No
	habitat function intact?		No
	er quality function intact?		No
	rologic control function into		No
	han 1/4 mile from a water b		
	d water body (303(d) list) and		
	er quality function intact, or	•	No
	ntain a rare plant communi		No
	ited by any species listed fe		
	listed as sensitive, threaten		No
		nnection to a stream segment	
	as habitat for indigenous and		
	habitat function intact, or it		No
		nt Wetland criteria satisfied ?	No
NAME OF TAXABLE PARTY OF TAXABLE PARTY OF TAXABLE PARTY.	icant Wetland Criteria : lo		
		nswer to the criteria below	
	present a locally unique nat		
	dlife habitat or habitat for s	•	
-	cted or degraded fish habit		
_	cted or degraded water que		
and the same of th	cted or degraded hydrologi		No
	cly owned and used by a sch	nool or organization and	
does the wetland pro	vide educational uses?		No

Does not satisfy the criteria, Not a Locally Significant Wetland

Optional Locally Significant Wetland criteria satisfied?



Project Name:	Molalla LWI	Wetland:	BC-23B
Project Location:	Clackamas County	Approx. Area (acres):	0.25
Date:	5/1/01, 5/24/01	Wetland Types(s):	PFO
Exclusions: This wet	tland cannot be designated as	significant if the	
A TABLE OF THE PROPERTY OF THE	iswer to any of the criteria be	THE RESERVE OF THE PROPERTY OF	
	ificially created entirely from u		
	pose of controlling, storing, or	•	No
	surface mining or as a log pond		No
	a free and open connection to n		No
	and created unintentionally fro		No
e. created for the pur	pose of wastewater treatment,	cranberry production,	
farm watering, sec	liment settling, cooling industr	ial water, or a golf hazard	No
2 Is the wetland or p	ortion of the wetland contamir	nated by hazardous	
substances, materi	als or wastes as per the conditi		No
in the second se		Exclusion criteria satisfied?	No
Mandatory Locally Si	gnificant Wetland Criteria: T	his wetland is locally	
significant if "Yes" is	s the answer to any of the crit	teria below.	
1 Does the wetland	provide <i>diverse wildlife habita</i> i	1?	No
2 Is the wetland's fis	h habitat function intact?		No
3 Is the wetland's water quality function intact?			No
4 Is the wetland's hy	drologic control function intac	et?	No
5 Is the wetland less	than 1/4 mile from a water boo	dy listed by DEQ as a	
	ed water body (303(d) list) and		
	iter quality function intact, or i		No
	contain a rare plant community		No
	abited by any species listed fed		
	te listed as sensitive, threatened		No
	have a direct surface water con		
	as habitat for indigenous anac		
	h habitat function intact, or im		No
		Wetland criteria satisfied ?	No
	ificant Wetland Criteria : loca		
	significant if "Yes" is the ans		
	represent a locally unique nativ		
•	ildlife habitat or habitat for so	William D. W. G. W. Harrison	
	pacted or degraded fish habitat		
	pacted or degraded water qual		I M
	pacted or degraded hydrologic		No
	licly owned and used by a scho	ool or organization <u>and</u>	T XI-
	rovide educational uses?	W	No
0	ptional Locally Significant	Wetland criteria satisfied ?	No



Project Name:	Molalla LWI	Wetland:	BC-23C
Project Location:	Clackamas County	Approx. Area (acres):	3.49
Date:	OFF-SITE	Wetland Types(s):	PEM
Exclusions: This we	tland cannot be designated a	s significant if the	
AND THE RESERVE OF THE PROPERTY OF THE PROPERT	iswer to any of the criteria b		
	ificially created entirely from		-
a. created for the pur	rpose of controlling, storing, o	r maintaining stormwater	No
b. is used for active :	surface mining or as a log pon	d	No
	a free and open connection to		No
	and created unintentionally fr		No
	pose of wastewater treatment		
	liment settling, cooling indust		No
	portion of the wetland contami		
substances, materi	als or wastes as per the condi-		No
		Exclusion criteria satisfied?	l No
	ignificant Wetland Criteria : '		
Control of Control of the Control of Control	s the answer to any of the cr		ME CONTROL OF THE CON
No. of the second secon	provide <i>diverse wildlife habita</i>	ut?	No
	sh habitat function intact?		No
	ater quality function intact?	_	No
	drologic control function inta		No
	than 1/4 mile from a water be		
	ted water body (303(d) list) an		
	ater quality function intact, or		No
	contain a rare plant communit		No
	abited by any species listed fe		[Na
	te listed as sensitive, threatene		No
	have a direct surface water con as habitat for indigenous and	_	
9.19	h habitat function intact, or in		No
		t Wetland criteria satisfied?	No
The state of the s	ificant Wetland Criteria: loc significant if "Yes" is the ar		
	represent a locally unique nati		
	vildlife habitat or habitat for s		
	pacted or degraded fish habite	-	
	pacted or degraded water qua		
	pacted or degraded hydrologi		No
	licly owned and used by a sch	The state of the s	
	provide educational uses?	-	No
		t Wetland criteria satisfied?	No



Project Name:	Molalla LWI	Wetland:	BC-23D
Project Location:	Clackamas County	Approx. Area (acres):	6.77
Date:	OFF-SITE	Wetland Types(s):	PEM
Exclusions: This wet	land cannot be designated as	significant if the	
THE RESERVE OF THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN	swer to any of the criteria be		
	ficially created entirely from u		
a. created for the pur	pose of controlling, storing, or	maintaining stormwater	No
1	surface mining or as a log pond		No
1	a free and open connection to r		No
	and created unintentionally fro		No
	pose of wastewater treatment,	•	
	iment settling, cooling industr		No
	ortion of the wetland contamir		I N
substances, materi	als or wastes as per the conditi		No
		Exclusion criteria satisfied?	No No
	gnificant Wetland Criteria: T		
	the answer to any of the crit		1 17
	provide diverse wildlife habitat	17	No
	h habitat function intact?		No
	ter quality function intact?	4.9	No No
1	drologic control function intac		No
	than 1/4 mile from a water bood water body (303(d) list) and		
	ter quality function intact, or i		No
	contain a rare plant community		No
	bited by any species listed fed		110
	te listed as sensitive, threatened		No
The state of the s	nave a direct surface water con		
	as habitat for indigenous anac		
	h habitat function intact, or im		No
		Wetland criteria satisfied ?	No
Optional Locally Sign	ificant Wetland Criteria: loca	l governments may	
TO A CONTRACTOR AND A CONTRACTOR OF THE PARTY OF THE PART	significant if "Yes" is the ans		
	epresent a locally unique nativ		•
	ildlife habitat or habitat for so		
	pacted or degraded fish habital		
has a intact, or imp	pacted or degraded water qual	ity function or	
	pacted or degraded hydrologic		No
100	icly owned and used by a scho	ol or organization and	
	rovide educational uses?		No
0	ptional Locally Significant	Wetland criteria satisfied ?	No



Project Name:	Molalla LWI	Wetland:	BC-23E
Project Location:	Clackamas County	Approx. Area (acres):	3.84
Date:	OFF-SITE	Wetland Types(s):	PFO/PSS
Exclusions: This we	etland cannot be designated a		
	nswer to any of the criteria h		4
	tificially created entirely from		
a. created for the pu	rpose of controlling, storing, of	or maintaining stormwater	No
b. is used for active	surface mining or as a log por	d	No
c. is a ditch without	a free and open connection to	natural waters of the state	No
d. is less than 1 acre	and created unintentionally fr	om irrigation or construction	No
	rpose of wastewater treatment		
farm watering, se	diment settling, cooling indust	rial water, or a golf hazard	No
1	portion of the wetland contam		
substances, mater	rials or wastes as per the condi-		No
		Exclusion criteria satisfied?	No
Mandatory Locally S	ignificant Wetland Criteria :	This wetland is locally	
	is the answer to any of the cr		
1	provide diverse wildlife habite	at?	No
	sh habitat function intact?		No
	vater quality function intact?		No
4 Is the wetland's hydrologic control function intact?			No
	s than 1/4 mile from a water be		
	ited water body (303(d) list) ar		
	ater quality function intact, or	•	No
1	contain a rare plant communit	T-1	No
	abited by any species listed fe		N.
	ate listed as sensitive, threaten		No
The state of the s	have a direct surface water co		
	Was habitat for indigenous and		I No
	sh habitat function intact, or in	t Wetland criteria satisfied?	No No
The state of the s	nificant Wetland Criteria: loc		2
	significant if "Yes" is the ar		
	represent a locally unique nati		
E STATE OF THE STA	wildlife habitat or habitat for s		
	pacted or degraded fish habita pacted or degraded water qua		
	pacied or degraded waier qua pacted or degraded hydrologi		No
	plicly owned and used by a sch		INU
	provide educational uses?	oor or organization and	No
		t Watland criteria satisfied ?	No No
	puonai Lucany Significan	t Wetland criteria satisfied?	THE PART OF THE PA



Project Na	ame:	Molalla LWI	Wetland:	BC-23F
Project Loc		Clackamas County	Approx. Area (acres):	5.89
Date:		OFF-SITE	Wetland Types(s):	PEM/PSS
Exclusions:	This wetland	cannot be designated a	s significant if the	
		to any of the criteria b		
1 Is this we		lly created entirely from		
a. created fo	r the purpose	of controlling, storing, o	r maintaining stormwater	No
b. is used for	r active surfac	ce mining or as a log pon	d	No
			natural waters of the state	No
CONTRACT OF CONTRACT		The state of the s	om irrigation or construction	No
		of wastewater treatment,	· De Sweden de San Paris de San	
D			rial water, or a golf hazard	No
II .	-	n of the wetland contami	THE PROPERTY OF THE PARTY OF TH	
substance	s, materials o	r wastes as per the condit	ions of ORS 141-86-350 1(b)	No
		The same was a second s	Exclusion criteria satisfied?	No
		cant Wetland Criteria : '		
		answer to any of the cr		
	57.0	de diverse wildlife habita	ut?	No
		bitat function intact?		No
	-	uality function intact?		No
	4 Is the wetland's hydrologic control function intact?			No
		1/4 mile from a water bo		
11401 52 23-24	. The same of the	ater body (303(d) list) <u>an</u>		
		uality function intact, or		No
		in a rare plant communit	The same of the sa	No
		I by any species listed fee		
120		ed as sensitive, threatene	The state of the s	No
			nnection to a stream segment	
	-33	abitat for indigenous ana		N
is the weti		pitat function intact, or in		No No
			t Wetland criteria satisfied?	110
		nt Wetland Criteria: loc		
			swer to the criteria below	
67 50	and the same of the same of	sent a locally unique nati	780 0 0 0 0	
		e habitat or habitat for s		
	1.7% X * 1	d or degraded fish habita	2	
	177	d or degraded water qua		No
	17.3	d or degraded hydrologic		No
		owned and used by a sch le <i>educational uses</i> ?	oor or organization and	No
does the w			t Watland aritaria satisfied 2	No No
	Option	iai Locally Significan	t Wetland criteria satisfied?	110

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)



Project Name:	Molalla LWI	Wetland:	BC-23G
Project Location:	Clackamas County	Approx. Area (acres):	2.82
Date:	OFF-SITE	Wetland Types(s):	PEM/PFO
Exclusions: This wet	land cannot be designated as	s significant if the	
	swer to any of the criteria be		
	ficially created entirely from t		_
a. created for the pur	pose of controlling, storing, or	maintaining stormwater	No
b. is used for active s	urface mining or as a log pond	i	No
c. is a ditch without a	a free and open connection to a	natural waters of the state	No
d. is less than 1 acre	and created unintentionally fro	m irrigation or construction	No
e. created for the pur	pose of wastewater treatment,	cranberry production,	
	iment settling, cooling industr		No
2 Is the wetland or p	ortion of the wetland contamin	nated by hazardous	
substances, materia	als or wastes as per the conditi		No
		Exclusion criteria satisfied?	No
Mandatory Locally Sig	gnificant Wetland Criteria : T	his wetland is locally	
significant if "Yes" is	the answer to any of the cri	teria below.	
1 Does the wetland p	provide diverse wildlife habita	<i>t</i> ?	No
2 Is the wetland's fis.	h habitat function intact?		No
3 Is the wetland's wa	ter quality function intact?		No
4 Is the wetland's hy	drologic control function intac	et?	No
5 Is the wetland less	than 1/4 mile from a water bo	dy listed by DEQ as a	
water quality limit	ed water body (303(d) list) and	1	
is the wetland's wa	ter quality function intact, or i	impacted or degraded?	No
6 Does the wetland of	contain a rare plant community	?	No
7 Is the wetland inha	bited by any species listed fed	erally as threatened or	
endangered, or stat	e listed as sensitive, threatened	d or endangered?	No
	have a direct surface water con		
	as habitat for indigenous anac		
	h habitat function intact, or im		No
Man	datory Locally Significant	Wetland criteria satisfied?	No No
Optional Locally Sign	ificant Wetland Criteria : loca	ll governments may	
identify a wetland as	significant if "Yes" is the an	swer to the criteria below	
1 Does the wetland r	epresent a locally unique nativ	e plant community and	
provides diverse w	ildlife habitat or habitat for so	ome species or	
	pacted or degraded fish habita		
	acted or degraded water qual		
	acted or degraded hydrologic		No
	icly owned and used by a scho	ool or organization and	
	rovide educational uses?		No
O ₁	ptional Locally Significant	Wetland criteria satisfied?	No No

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)



Project Name:	Molalla LWI	Wetland:	BC-	24A
Project Location:	Clackamas County	Approx. Area (acres):	0.7	13
Date:	5/24/01	Wetland Types(s):	PF	O
Exclusions: This wetl	and cannot be designated as			
· · · · · · · · · · · · · · · · · · ·	swer to any of the criteria be	· · · · · · · · · · · · · · · · · · ·		
	ficially created entirely from u			
	oose of controlling, storing, or			No
	urface mining or as a log pond			No
	free and open connection to n			No
1	and created unintentionally fro			No
	oose of wastewater treatment,			
	ment settling, cooling industri			No
	ortion of the wetland contamin			
substances, materia	ls or wastes as per the condition			No
		Exclusion criteria satisfied?	而在40年 第 0年指	No
	nificant Wetland Criteria: T			
	the answer to any of the crit			
	rovide diverse wildlife habitat	?		No
9	habitat function intact?			No
	ter quality function intact?	. 2	Yes	NI.
	rologic control function intac			No
	than 1/4 mile from a water bood water body (303(d) list) and			
	er quality function intact, or is			No
	ontain a rare plant community			No
	pited by any species listed fed			110
	e listed as sensitive, threatened	and the second s		No
	ave a direct surface water con			.,,
	as habitat for indigenous anad	_		
8.5	habitat function intact, or imp			No
		Wetland criteria satisfied ?	Yes	
	ficant Wetland Criteria : loca			
	ignificant if "Yes" is the ans			
	present a locally unique native		J	
	Idlife habitat or habitat for so			
	acted or degraded fish habitat	•		
	acted or degraded water quali	-		
	acted or degraded hydrologic	E-C-C-C-C-C-C-C-C-C-C-C-C-C-C-C-C-C-C-C		No
	cly owned and used by a scho	ol or organization and		
	ovide educational uses?			No
Op	tional Locally Significant	Wetland criteria satisfied?		No



Project Name:	Molalla LWI	Wetland:	BC-	24B
Project Location:	Clackamas County	Approx. Area (acres):	1.0)8
Date:	5/24/01	Wetland Types(s):	PE	EM
Exclusions: This wet	land cannot be designated a	as significant if the		
	swer to any of the criteria b			
	ficially created entirely from		*11	
a. created for the pur	pose of controlling, storing, of	or maintaining stormwater		No
b. is used for active s	surface mining or as a log pon	nd		No
c. is a ditch without a	a free and open connection to	natural waters of the state		No
		rom irrigation or construction		No
e. created for the pur	pose of wastewater treatment	, cranberry production,		
farm watering, sed	liment settling, cooling indust	rial water, or a golf hazard		No
2 Is the wetland or p	ortion of the wetland contam	inated by hazardous		
substances, materi	als or wastes as per the condi-	tions of ORS 141-86-350 1(b)		No
		Exclusion criteria satisfied?	機構的逐	No
Mandatory Locally Sig	gnificant Wetland Criteria:	This wetland is locally		
significant if "Yes" is	the answer to any of the cr	iteria below.		
1 Does the wetland p	provide diverse wildlife habite	at?		No
2 Is the wetland's fis.	h habitat function intact?			No
3 Is the wetland's wa	iter quality function intact?		Yes	
4 Is the wetland's hyd	drologic control function into	act?		No
5 Is the wetland less	than 1/4 mile from a water be	ody listed by DEQ as a		
water quality limit	ed water body (303(d) list) ar	nd		
is the wetland's wa	ter quality function intact, or	impacted or degraded?		No
6 Does the wetland of	contain a rare plant communit	y?		No
7 Is the wetland inha	bited by any species listed fe	derally as threatened or		
endangered, or stat	te listed as sensitive, threatene	ed or endangered?		No
	have a direct surface water con	9		
	as habitat for indigenous and			
- ·	h habitat function intact, or in			No
Man	datory Locally Significan	t Wetland criteria satisfied?	Yes	
Optional Locally Sign	ificant Wetland Criteria : loc	al governments may		
identify a wetland as	significant if "Yes" is the ar	iswer to the criteria below		
	epresent a locally unique nati			
=	ildlife habitat or habitat for s			
has a intact, or imp	pacted or degraded fish habita	at function <u>or</u>		
-	pacted or degraded water qua			
	pacted or degraded hydrologi			No
	icly owned and used by a sch	nool or organization and		172112
does the wetland pr	rovide educational uses?			No
O	ptional Locally Significan	t Wetland criteria satisfied?	SOUTH CHIEF	No



Project Name:	Molalla LWI	Wetland:	BC-25
Project Location:	Clackamas County	Approx. Area (acres):	0.03
Date:	OFF-SITE	Wetland Types(s):	PEM
Exclusions: This wetl	and cannot be designated a	s significant if the	
	swer to any of the criteria b		
	icially created entirely from		_
	ose of controlling, storing, or		No
	irface mining or as a log pone		No
c. is a ditch without a	free and open connection to	natural waters of the state	No
d. is less than 1 acre a	nd created unintentionally fro	om irrigation or construction	No
e. created for the purp	ose of wastewater treatment,	cranberry production,	
farm watering, sedi	ment settling, cooling industr	rial water, or a golf hazard	No
2 Is the wetland or po	ortion of the wetland contami	nated by hazardous	
substances, materia	ls or wastes as per the condit	ions of ORS 141-86-350 1(b)	No
		Exclusion criteria satisfied?	No
Mandatory Locally Sig	nificant Wetland Criteria : T	This wetland is locally	
	the answer to any of the cri		
1 Does the wetland p	rovide <i>diverse wildlife habita</i>	<i>t</i> ?	No
2 Is the wetland's fish	habitat function intact?		No
3 Is the wetland's war	er quality function intact?		No
4 Is the wetland's hya	rologic control function inta	ct?	No
5 Is the wetland less t	han 1/4 mile from a water bo	dy listed by DEQ as a	
[F] [F]	d water body (303(d) list) and		
	er quality function intact, or	•	No
	ontain a rare plant community		No
	pited by any species listed fee		
	e listed as sensitive, threatene		No
	ave a direct surface water con		
	as habitat for indigenous ana		
	habitat function intact, or in		No
Mano	datory Locally Significant	t Wetland criteria satisfied ?	No
Optional Locally Signij	ficant Wetland Criteria : loc	al governments may	
	ignificant if "Yes" is the an		
	present a locally unique nativ		
	ldlife habitat or habitat for so		
-	acted or degraded fish habita		
the second of th	acted or degraded water qual		
	acted or degraded hydrologic		No
	cly owned and used by a scho	ool or organization and	
	ovide educational uses?		No
Op	tional Locally Significant	Wetland criteria satisfied?	No No

Appendix E

Riparian Assessment Forms



Riparian Characterization Form



City of Molalla Riparian Inventory

GENERAL INFORMAT	TON			
Date:	6/7/01	Riparian Code:	R-CC-1	
On-site:	Off-Site: ⊠	Reach Length:	2900'	
Investigators:	SE	Hydrologic Basin:	Creamery Creek	
WATER RESOURCE IN	NFORMATION			
Water Resource:	Stream/River: x Lake/Pond: Wetland:	Width: Width:	5' feet feet feet	
LWI Wetland Code:	CC-4			
Water present year-	round: Yes 🗵 🗈	No 🗆		
Are salmonids presen	nt in the adjacent water reso	ource? Yes	□ N ₀ ⊠	
Is the water resource	Is the water resource listed for temperature on DEQ's 303(d) list: Yes □ No ⊠			
Within FEMA-mapp	ed 100-year floodplain:	Yes	No ⊠	
Mapped soil series:		Dayton silt loam		
E1	? (Check as many as needed)			
Agriculture:		ls: □		
Commercial/Indus.: Residential:				
Residential.	in Foresti	у. ⊔		
Woo	dy vegetation	He	rbaceous vegetation	
(trees, shr	ubs, vines >1 meter)	(include to	rees, shrubs, vines <1 mete	r)
Sorbus scopulina				
Rubus discolor		Conium maculatum	Conium maculatum	
		Ranunculus repens	Ranunculus repens	
Crataegus monogyna		Rubus discolor		
Rosa sp.				

1 meter = 3.2 feet

Average slope in the riparian area: (Question 1)
<10:1 (10%) Between 10:1 (10%) and 5:1 (20%) >5:1 (20%)
Extent of impervious surface within the riparian area. (Question 4)
<10% × 10% - 25% × >25% ×
Is the reach constricted by man-made features? (Question 8)
Yes ⊠ No □
Does the orientation of the riparian area allow for shading of the water resource at midday in summer? (Question 9)
Yes □ No ⊠
Dominant vegetation layer within riparian area? (Question 10)
Woody vegetation ☐ Herbaceous vegetation ☒ Bare ground ☐
Does woody vegetation hang over the edge of the water? (Questions 11 & 14)
Yes □ No ⊠
Large woody debris in riparian area? (Question 15)
Yes □ No ⊠
Percent of water resource bordered by vegetated riparian area at least 30 feet wide? (Question 16)
>40% \[\begin{array}{cccccccccccccccccccccccccccccccccccc
Degree of development or human caused disturbance. (Question 19)
<25% □ 25% - 75% □ >75% ⊠
How does the NRCS soil survey rank water erosion hazard of the dominant mapped unit in the Riparian Area? (Question 5)
low, slight moderate
What is the dominant vegetation at the top of bank (if defined) or edge of water resource? (Question 3)
Woody vegetation ☐ Herbaceous vegetation ☒ Bare ground ☐
Are there flood prone areas (adjacent flat areas, depressions, swales, FEMA mapped 100-year floodplain, etc.) beyond the top of bank or edge of the water resource? (Question 6)
Yes □ No ⊠
Is woody vegetation (trees, shrubs, vines) greater than 1 meter (3.2 feet) high dominant in the flood prone riparian area?
Yes □ No or no flood prone area present ⊠
How many vegetation layers (i.e. canopy, mid-story, groundcover) are present?
More than 2 □ 2 layers □ 1 layer or unvegetated ⊠

Riparian Width Determination



City of Molalla Riparian Inventory

RIPARIAN CODE

R-CC-1

Date:	6/7/01	Investigators:	SE	- 0
Dominant tre	e species:	Fraxinus latifolia	(see other side for list of species	s)
Potential tree	height (PTH)/W	idth of riparian area :	75' / 10-15'	feet
	102 1444	th measured horizontally from edge	of water resource)	
PTH determin On-site	ned by: e vegetation □	Reference site 🗵	Code R-CC-2	1
Comments:		ysis performed using aerial ph		
		Drive. South of Creamery Cree are agricultural fields with pla		
development.	North of the creek	are agricultural fields with pla	ns for future residential deve	юринент.
	200			
Typical Cross	Section:			****
Bare gre sparse v	egetation , was	5-8'	Ag. field	
	Scot's broo	om, blackberry along b om. trees/chubs	orn banks; occasional	

Riparian Functional Assessment Answer Sheet



City of Molalla Riparian Inventory

WATER QUALITY

RIPARIAN CODE

R-CC-1

1. What is the average slope in the riparian area?	Score
a. Less than 10:1 (10%)	3 pts
	2 pts 3
	1 pt
2. What is the dominant vegetation cover in the riparian area?	
a. Woody vegetation (trees, shrubs, vines) greater than 1 meter (3.2 feet) high	3 pts
b. Herbaceous vegetation or woody vegetation less than 1 meter (3.2 feet) high	2 pts2
c. Bare ground	1 pt
	9
3. What is the dominant vegetation at the top of bank (if defined)	
or edge of water resource?	
a. Woody vegetation (trees, shrubs, vines) greater than 1 meter (3.2 feet) high	3 pts
b. Herbaceous vegetation or woody vegetation less than 1 meter (3.2 feet) high	2 pts2
c. Bare ground	1 pt
4. What is the extent of impervious surfaces within the riparian area?	•
a. Less than 10%	3 pts
	2 pts3
c. Greater than 25%	1 pt
5. How does the Natural Resources Conservation Service (formerly	
Soil Conservation Service) soil survey rank the water erosion hazard	
of the dominant mapped unit in the riparian area? Select the highest	
water erosion hazard description if more than one is listed.	
	2 pts 1
b. High, severe, very high	1 pts
Total Po	oints: 11

Function: High (12-14 pts) Medium (8-11 pts) Low (5-7 pts)

FUNCTION IS:

MEDIUM

Riparian Functional Assessment Answer Sheet



City of Molalla Riparian Inventory

FLOOD MANAGEMENT

RIPARIAN CODE

R-CC-1

6. Are there	e flood prone areas	(adjacent flat areas, d	epressions, swales, FEMA		Score
mapped	100-year floodplain	, etc.) beyond the top (of bank or edge of the		
water res	source?			-	
a. Yes				3 pts	1
b. No					
7. Is woody	vegetation (trees, s	hrubs, vines) greater t	han 1 meter (3.2 feet) high	1	
dominan	t in the flood prone	riparian area?		1	
a. Yes				3 pts	1
b. No or	no flood prone area	3		4 - 4	
				1	
8. Is the str	eam or water resou	rce constricted by mai	n-made features		
(e.g. chan	nelization, riprap, o	concrete wall)?			
a. No				3 pts	1
b. Yes	******			1 pts	
			7	Cotal Points:	3
Function:	High (8-9 pts)	Medium (5-7 pts)	Low (3-4 pts)		
			FUN	CTION IS:	LOW



City of Molalla Riparian Inventory

THERMAL REGULATION

RIPARIAN CODE

R-CC-1

9.	Does the aspect or orientation of the riparian area allow for shading of water		Score
	at midday in the summer?		
	a. Yes	3 pts	1
	b. No	4	
10.	. What is the dominant vegetation layer in the riparian area?		
	a. Woody vegetation (trees, shrubs, vines) greater than 1 meter (3.2 feet) high	3 pts	
	b. Herbaceous vegetation or woody vegetation less than 1 meter (3.2 feet) high	2 pts	2
	c. Bare ground	1 pt	
11.	. Does woody vegetation hang over the edge of the water?		
	a. Yes	2 pts	1
	b. No		
	T	otal Points:	4
Fu	nction: High (7-8 pts) Medium (5-6 pts) Low (3-4 pts)		
	FUNG	CTION IC.	LOW



City of Molalla Riparian Inventory

WILDLIFE HABITAT

RIPARIAN CODE

R-CC-1

12. How many vegetation layers (i.e. canopy, mid-story, groundcover) are presen	t?	Score
a. More than 2 layers	3 pts	
b. 2 layers		1
c. 1 layer, or unvegetated	4	
13. What is the dominant vegetation layer in the riparian area?		
a. Woody vegetation (trees, shrubs, vines) greater than 1 meter (3.2 feet) high	3 pts	
b. Herbaceous vegetation or woody vegetation less than 1 meter (3.2 feet) high	2 pts	2
c. Bare ground	1 pt	
c. Date ground		
14. Does woody vegetation hang over the edge of the water?		
a. Yes	2 pts	1
h No	1 nt	
0. 140	······································	
15. Is large woody debris present within the riparian area?		
a Ves	3 pts	1
L No.		
D. INO	1 pt	
16. What percent of the water resource edge is bordered by a vegetated riparian		
area at least 30 feet wide?		
a. Greater than 40%	3 pts	
b. Between 10% and 40%	2 pts	2
c. Less than 10%		

Questions continued on next page



City of Molalla Riparian Inventory

WILDLIFE HABITAT (continued)

RIPARIAN CODE

R-CC-1

17. Is surface water present throughout the year?		Score
a. Yes	3 pts	
b. No	4	3
18. Is there more than one type of water resource (e.g. stream, wetland, lake/p		
within or immediately adjacent to the riparian reach?		
a. Yes	3 pts	1
b. No		
19. What is the degree of development or human-caused disturbance (e.g. bui	ldings,	
impervious surfaces, lawns, agriculture, trash) in the riparian area?		
a. Less than 25%		12
b. Between 25% and 75%	2 pts	1
c. Greater than 75%	1 pt	
	Total Points:	12

Function: High (19-23 pts) Medium (13-18 pts) Low (8-12 pts)

FUNCTION IS:

LOW

Riparian Characterization Form



City of Molalla Riparian Inventory

GENERAL INFORMATION				
Date: 6/7/01	Riparian Code:	R-CC-2		
On-site: □ Off-Site: ⊠	Reach Length:	2000'		
Investigators: SE/PF	Hydrologic Basin:_	Creamery Creek		
WATER RESOURCE INFORMATION				
Water Resource: Stream/River: x Lake/Pond: Wetland: LWI Wetland Code: CC-6A, CC-6		5' feet feet		
Water present year-round: Yes Are salmonids present in the adjacent water r Is the water resource listed for temperature or		□ No ⊠ Yes □	No ⊠	
Within FEMA-mapped 100-year floodplain:	Yes 🗆	No ⊠		
Mapped soil series:	Dayton silt loam			
•	ads:			
Commercial/Indus.: ☐ Undevelo Residential: ⊠ Fores	ped: □ stry: □			
Woody vegetation	Her	baceous vegetation		
(trees, shrubs, vines >1 meter)		es, shrubs, vines <1 me	ter)	
Fraxinus latifolia		Phalaris arundinacea		
Pseudotsuga menziesii	Alopecurus pratensis			
Populus trichocarpa				

Average slope in the riparian area: (Question 1)				
<10:1 (10%) \boxtimes Between 10:1 (10%) and 5:1 (20%) \square >5:1 (20%) \square				
Extent of impervious surface within the riparian area. (Question 4)				
<10% ⊠ 10% - 25% □ >25% □				
Is the reach constricted by man-made features? (Question 8)				
Yes □ No ⊠				
Does the orientation of the riparian area allow for shading of the water resource at midday in summer? (Question 9)				
Yes ⊠ No □				
Dominant vegetation layer within riparian area? (Question 10)				
Woody vegetation ☐ Herbaceous vegetation ☒ Bare ground ☐				
Does woody vegetation hang over the edge of the water? (Questions 11 & 14)				
Yes □ No ⊠				
Large woody debris in riparian area? (Question 15)				
Yes ⊠ No □				
Percent of water resource bordered by vegetated riparian area at least 30 feet wide? (Question 16)				
>40% \[\begin{array}{cccccccccccccccccccccccccccccccccccc				
Degree of development or human caused disturbance. (Question 19)				
<25% □ 25% - 75% ⊠ >75% □				
How does the NRCS soil survey rank water erosion hazard of the dominant mapped unit in the Riparian Area? (Question 5)				
low, slight moderate □ high, very high, severe □				
What is the dominant vegetation at the top of bank (if defined) or edge of water resource? (Question 3)				
Woody vegetation ☐ Herbaceous vegetation ☒ Bare ground ☐				
Are there flood prone areas (adjacent flat areas, depressions, swales, FEMA mapped 100-year floodplain, etc.) beyond the top of bank or edge of the water resource? (Question 6)				
Yes ⊠ No □				
Is woody vegetation (trees, shrubs, vines) greater than 1 meter (3.2 feet) high dominant in the flood prone riparian area?				
Yes □ No or no flood prone area present ⊠				
How many vegetation layers (i.e. canopy, mid-story, groundcover) are present?				
More than 2 \square 2 layers \boxtimes 1 layer or unvegetated \square				

Riparian Width Determination



City of Molalla Riparian Inventory

RIPARIAN CODE

R-CC-2

Date:	6/7/01	Investigators:	SE/PF	_
Dominant tree	species:	Fraxinus latifolia	(see other side for list of speci-	es)
Potential tree h	eight (PTH)/Wi	dth of riparian area :	75 / 20-50	feet
DON'T L		h measured horizontally from edge	of water resource)	
PTH determine On-site	ed by: vegetation 🗵	Reference site	Code	_
Comments:		ysis performed using aerial phagh ag fields and tree farms. S	and the state of t	
		aris arundinacea wetland but		Tuos
out many arous	nave omj a i mare	on to the managed western out	ior zone.	
		10.000		-
Typical Cross S	Section:			
Popula	as acarpa	3	Traxinus	(schifolia



City of Molalla Riparian Inventory

WATER QUALITY

RIPARIAN CODE

R-CC-2

1. What is the average slo	pe in the riparian area?	100	Score
a. Less than 10:1 (10%)		3 pts	
b. Between 10:1 (10%)	and 5:1 (20%)	2 pts	3
c. Greater than 5:1 (20)	%)		
2. What is the dominant v	egetation cover in the riparian area?	ı	
a. Woody vegetation (tr	ees, shrubs, vines) greater than 1 meter (3.2 feet) high	3 pts	
b. Herbaceous vegetation	on or woody vegetation less than 1 meter (3:2 feet) high	2 pts	2
c. Bare ground		1 pt	
= :			
3. What is the dominant v	egetation at the top of bank (if defined)		
or edge of water resou	rce?		
a. Woody vegetation (tr	ees, shrubs, vines) greater than 1 meter (3.2 feet) high	3 pts	
b. Herbaceous vegetation	on or woody vegetation less than 1 meter (3.2 feet) high	2 pts	2
c. Bare ground	- AR	1 pt	
4. What is the extent of in	pervious surfaces within the riparian area?		
a. Less than 10%		3 pts	
b. Between 10% and 25		2 nto	3
c. Greater than 25%			
5. How does the Natural I	Resources Conservation Service (formerly		
Soil Conservation Servi	ce) soil survey rank the water erosion hazard		
of the dominant mappe	d unit in the riparian area? Select the highest		
water erosion hazard d	escription if more than one is listed.		
a. Low, slight, moderate		2 pts	1
b. High, severe, very high		1 nto	
		Total Points:	11

Function: High (12-14 pts) Medium (8-11 pts) Low (5-7 pts)

FUNCTION IS: M



City of Molalla Riparian Inventory

FLOOD MANAGEMENT

RIPARIAN CODE

R-CC-2

6. Are the	re flood prone areas (adjacent flat areas, depressions, swales, FEMA	Score
mapped	100-year floodplain, etc.) beyond the top of bank or edge of the	
water re	esource?	
a. Yes	3 pt	ts 3
b. No	1 pt	
7. Is wood	y vegetation (trees, shrubs, vines) greater than 1 meter (3.2 feet) high	
domina	nt in the flood prone riparian area?	
a. Yes	3 pt	s 1
b. No o	r no flood prone area present 1 pt	
8. Is the st	ream or water resource constricted by man-made features	
(e.g. cha	nnelization, riprap, concrete wall)?	
a. No	3 pt	3
b. Yes	1 pt	s
		~
	Total Point	s: 7
Function:	High (8-9 pts) Medium (5-7 pts) Low (3-4 pts)	

FUNCTION IS:

MEDIUM



City of Molalla Riparian Inventory

THERMAL REGULATION

RIPARIAN CODE

R-CC-2

9.	Does the aspect or orientation of the riparian area allow for shading of water at midday in the summer?	Se	core
	AND	3 pts	3
10.	. What is the dominant vegetation layer in the riparian area?		
	a. Woody vegetation (trees, shrubs, vines) greater than 1 meter (3.2 feet) high	3 pts	
	b. Herbaceous vegetation or woody vegetation less than 1 meter (3.2 feet) high	2 pts	2
	c. Bare ground	.1 pt	
11.	. Does woody vegetation hang over the edge of the water?		
	a. Yes	2 pts	1
	b. No	1 pts)
	Total P	oints:	6
Fu	nection: High (7-8 pts) Medium (5-6 pts) Low (3-4 pts)		

FUNCTION IS:

MEDIUM



City of Molalla Riparian Inventory

WILDLIFE HABITAT

RIPARIAN CODE

R-CC-2

12. How many vegetation layers (i.e. canopy, mid-story, groundcover) are present?	Score
a. More than 2 layers 3 p	ts
b. 2 layers 2 p	ts 2
c. 1 layer, or unvegetated 1 p	
13. What is the dominant vegetation layer in the riparian area?	
a. Woody vegetation (trees, shrubs, vines) greater than 1 meter (3.2 feet) high	s
b. Herbaceous vegetation or woody vegetation less than 1 meter (3.2 feet) high	s 2
c. Bare ground 1 pt	
14. Does woody vegetation hang over the edge of the water?	
a. Yes 2 pt	s 1
h No	1
υ. 140	`
15. Is large woody debris present within the riparian area?	
a. Yes 3 pt	3
L No.	
в. 10	
16. What percent of the water resource edge is bordered by a vegetated riparian	
area at least 30 feet wide?	
h Datwaan 100/ and 400/	11
b. Between 10% and 40% 2 pt	1
c. Less than 10%	
	1

Questions continued on next page



City of Molalla Riparian Inventory

WILDLIFE HABITAT (continued)

RIPARIAN CODE

R-CC-2

17. Is surface water present throughout the year?		Score
a. Yes	3 pts	
b. No	1 pt	3
18. Is there more than one type of water resource (e.g. stream, wetland, lake/pond) within or immediately adjacent to the riparian reach?		
a. Yes	3 pts	1
b. No	1 pt	
19. What is the degree of development or human-caused disturbance (e.g. buildings, impervious surfaces, lawns, agriculture, trash) in the riparian area?		
a Less than 25%	3 pts	
b. Between 25% and 75%	2 pts	2
c. Greater than 75%	1 pt	
Tot	al Points:	16

Function: High (19-23 pts) Medium (13-18 pts) Low (8-12 pts)

FUNCTION IS:

MEDIUM

Riparian Characterization Form



City of Molalla Riparian Inventory

GENERAL INFORMAT	TION				
Date:	4/20/01	Riparian Code:	R-CC-3L		
On-site: ⊠	Off-Site: □	Reach Length:	600		
Investigators:	CR/PF	Hydrologic Basin:	Creamery Creek		
WATER RESOURCE II	NFORMATION	11160	3.000 Mills (1.00		
	Stream/River: x Lake/Pond: Wetland:	Width: Width:			
	CC-7C				
Water present year-	round: Yes 🗵 No				
Are salmonids prese	nt in the adjacent water resou	rce? Yes	□ No ⊠		
Is the water resource	Is the water resource listed for temperature on DEQ's 303(d) list: Yes □ No ⊠				
Within FEMA-mapp	oed 100-year floodplain:	Yes 🗆	No ⊠		
Mapped soil series:		Dayton silt loam			
Adjacent Land Uses	? (Check as many as needed)				
Agriculture:					
Commercial/Indus.:					
Residential:	⊠ Forestry:	Ц			
Woo	dy vegetation	He	rbaceous vegetation		
(trees, sh	rubs, vines >1 meter)	(include to	rees, shrubs, vines <1 meter)	
Fraxinus latifolia		Phalaris arundinac			
Rubus discolor		Galium aparine			
Cytisus scoparius		Convolvulus arvens	is		
Crataegus douglasii		Festuca arundinace	ra	9.	
		Chrysanthemum leu	canthemum		

Taraxacum officinale

Average slope in the riparian area: (Question 1)
<10:1 (10%) Between 10:1 (10%) and 5:1 (20%) >5:1 (20%)
Extent of impervious surface within the riparian area. (Question 4)
<10% 🗵 10% - 25% 🗆 >25% 🗖
Is the reach constricted by man-made features? (Question 8)
Yes □ No ⊠
Does the orientation of the riparian area allow for shading of the water resource at midday in summer? (Question 9)
Yes □ No ⊠
Dominant vegetation layer within riparian area? (Question 10)
Woody vegetation ☐ Herbaceous vegetation ☐ Bare ground ☐
Does woody vegetation hang over the edge of the water? (Questions 11 & 14)
Yes □ No ⊠
Large woody debris in riparian area? (Question 15)
Yes ⊠ No □
Percent of water resource bordered by vegetated riparian area at least 30 feet wide? (Question 16)
>40% × 10% - 40% × <10% □
Degree of development or human caused disturbance. (Question 19)
<25% ⊠ 25% - 75% □ >75% □
How does the NRCS soil survey rank water erosion hazard of the dominant mapped unit in the Riparian Area? (Question 5)
low, slight moderate □ high, very high, severe ⊠
What is the dominant vegetation at the top of bank (if defined) or edge of water resource? (Question 3)
Woody vegetation ☐ Herbaceous vegetation ☒ Bare ground ☐
Are there flood prone areas (adjacent flat areas, depressions, swales, FEMA mapped 100-year floodplain, etc.) beyond the top of bank or edge of the water resource? (Question 6)
Yes ⊠ No □
Is woody vegetation (trees, shrubs, vines) greater than 1 meter (3.2 feet) high dominant in the flood prone riparian area?
Yes ⊠ No or no flood prone area present □
How many vegetation layers (i.e. canopy, mid-story, groundcover) are present?
More than 2 \square 2 layers \square 1 layer or unvegetated \square

Riparian Width Determination



City of Molalla Riparian Inventory

RIPARIAN CODE

R-CC-3L

Date:	4/20	/01	Investigators:		CR/PF	-
Dominant tree	species:	Frax	inus latifolia	560	(see other side for list of species	;)
Potential tree h	eight (PTF	50	•		75 / 75	feet
PTH determine	d by:	(Width measured	horizontally from ed	ige of	water resource)	
On-site v	egetation	\boxtimes	Reference site		Code	-
Comments:	Surrou	nded by develo	opment, double-w	ide t	railer subdivision on right a	nd individua
		ce on the left.	At culvert Cream	ery (Creek flows NW beneath roa	ad, on
west side of road	<u>. </u>				30.75	
					4 - 1071	
Typical Cross S	12 - 2-1-2-1-2-1-2-1-2-1-2-1-2-1-2-1-2-1					mobile homes
-			J. B.		¥	
		C	reamony Greek			



City of Molalla Riparian Inventory

WATER QUALITY

RIPARIAN CODE

R-CC-3L

1. What is the average slope in the riparian area?	22	Score
a. Less than 10:1 (10%)	3 pts	
b. Between 10:1 (10%) and 5:1 (20%)	2 -4-	3
c. Greater than 5:1 (20%)	4 _ 4	
2. What is the dominant vegetation cover in the riparian area?	-	
a. Woody vegetation (trees, shrubs, vines) greater than 1 meter (3.2 feet) high	3 pts	
b. Herbaceous vegetation or woody vegetation less than 1 meter (3.2 feet) high	2 pts	3
c. Bare ground	1 pt	
3. What is the dominant vegetation at the top of bank (if defined)	į.	
or edge of water resource?		
a. Woody vegetation (trees, shrubs, vines) greater than 1 meter (3.2 feet) high	3 pts	
b. Herbaceous vegetation or woody vegetation less than 1 meter (3.2 feet) high	2 pts	2
c. Bare ground	1 pt	· · · · · · · · · · · · · · · · · · ·
4. What is the extent of impervious surfaces within the riparian area?		
a. Less than 10%	3 pts	
b. Between 10% and 25%	0 -4-1	3
c. Greater than 25%		
5. How does the Natural Resources Conservation Service (formerly	1	
Soil Conservation Service) soil survey rank the water erosion hazard	-	
of the dominant mapped unit in the riparian area? Select the highest		
water erosion hazard description if more than one is listed.	1	
a. Low, slight, moderate	2 pts	1
b. High, severe, very high		
	"	
	Total Points:	12

Function: High (12-14 pts) Medium (8-11 pts) Low (5-7 pts)

FUNCTION IS:

HIGH



City of Molalla Riparian Inventory

FLOOD MANAGEMENT

RIPARIAN CODE

R-CC-3L

6. Are there flood prone areas (adjacent flat areas, depressions, swales, FE	MA	Score
mapped 100-year floodplain, etc.) beyond the top of bank or edge of the water resource?		
	3 pts	3
7 - 2-2		
b. No	1 pt	
7. Is woody vegetation (trees, shrubs, vines) greater than 1 meter (3.2 feet)	high	
dominant in the flood prone riparian area?		
a. Yes	3 pts	3
b. No or no flood prone area present		
8. Is the stream or water resource constricted by man-made features		
(e.g. channelization, riprap, concrete wall)?		
a. No	3 pts	3
b. Yes	1 pts	
		0
	Total Points:	
Function: High (8-9 pts) Medium (5-7 pts) Low (3-4 pts)		
runction. High (6-5 pts) Medium (5-7 pts) Low (5-4 pts)		

FUNCTION IS:

HIGH



City of Molalla Riparian Inventory

THERMAL REGULATION

RIPARIAN CODE

R-CC-3L

MEDIUM

FUNCTION IS:

9.	Does the aspect or orientation of the riparian area allow for shading of water at midday in the summer?		Score
	a. Yes	3 pts	1
	b. No		
10.	. What is the dominant vegetation layer in the riparian area?	1	
	a. Woody vegetation (trees, shrubs, vines) greater than 1 meter (3.2 feet) high	3 pts	
	b. Herbaceous vegetation or woody vegetation less than 1 meter (3.2 feet) high	2 pts	3
	c. Bare ground	1 pt	
11.	. Does woody vegetation hang over the edge of the water?	1	
	a. Yes	2 pts	1
	b. No	9 (8)	
		II	
	Tota	al Points:	5
Fu	unction: High (7-8 pts) Medium (5-6 pts) Low (3-4 pts)		
			Instrumental Source



City of Molalla Riparian Inventory

WILDLIFE HABITAT

RIPARIAN CODE

R-CC-3L

12. How many vegetation layers (i.e. canopy, mid-story, groundcover) are present?		Score
a. More than 2 layers	3 pts	
b. 2 layers	0 - 1 -	2
c. 1 layer, or unvegetated	4 -4	
13. What is the dominant vegetation layer in the riparian area?	i	
a. Woody vegetation (trees, shrubs, vines) greater than 1 meter (3.2 feet) high	3 pts	
b. Herbaceous vegetation or woody vegetation less than 1 meter (3.2 feet) high	2 pts	3
c. Bare ground	1 pt	
1		
14. Does woody vegetation hang over the edge of the water?		
a. Yes	2 pts	1
b. No	1 04	
15. Is large woody debris present within the riparian area?		
a. Yes	3 pts	3
b. No	4 -4	
16. What percent of the water resource edge is bordered by a vegetated riparian	1	
area at least 30 feet wide?		
a. Greater than 40%	3 pts	
b. Between 10% and 40%	2 nto	3
T 1 100/		The state of the s
c. Less than 10%		
	and the state of t	

Questions continued on next page



City of Molalla Riparian Inventory

WILDLIFE HABITAT (continued)

RIPARIAN CODE

R-CC-3L

17. Is s	surface water present throughout the year?		Score
a. `	Yes	3 pts	
b. 1		44	3
18. Is t	there more than one type of water resource (e.g. stream, wetland, lake/pond)		
wit	thin or immediately adjacent to the riparian reach?		
a. `	Yes	3 pts	1
b. 1		1 pt	
	nat is the degree of development or human-caused disturbance (e.g. buildings,		
in	npervious surfaces, lawns, agriculture, trash) in the riparian area?	1	
a.	Less than 25%	3 pts	
b.	Between 25% and 75%	2 pts	3
c.	Greater than 75%	1 pt	9- mai - W
	Tota	l Points:	19

Function: High (19-23 pts) Medium (13-18 pts) Low (8-12 pts)

FUNCTION IS:

HIGH

Riparian Characterization Form



City of Molalla Riparian Inventory

GENERAL INFORMATION	1764 Taren 11			
Date:4	/20/01	Riparian Code:	R-CC-3R	
On-site: ⊠ Off-	Site: □	Reach Length:	600	
Investigators:	CR/PF	Hydrologic Basin:	Creamery Creek	<
WATER RESOURCE INFOR	MATION			-113 - 22
	ream/River: x Lake/Pond: Wetland:	Width: Width:	fee	t
LWI Wetland Code: Water present year-round Are salmonids present in	d: Yes ⊠ No	□ rce? Yes	□ No ⊠	
Is the water resource liste			Yes 🗆	No ⊠
Within FEMA-mapped 10 Mapped soil series:	The second of the second of the second	Yes □ Dayton silt loam	No ⊠	
Adjacent Land Uses? (Che				-
Agriculture: □ Commercial/Indus.: □ Residential: ⊠	Roads: Undeveloped: Forestry:			
Woody vo	egetation	Не	rbaceous vegetation	
(trees, shrubs, v	rines >1 meter)	(include tr	ees, shrubs, vines <1 me	eter)
Fraxinus latifolia		Phalaris arundinace	га	
Rubus discolor		Galium aparine		
Cytisus scoparius		Convolvulus arvens.	is	
Crataegus douglasii		Festuca arundinace	a	400
		Chrysanthemum leu		
M. M		Taraxacum officina	le	2014

Average slope in the riparian area: (Question 1)
<10:1 (10%) \boxtimes Between 10:1 (10%) and 5:1 (20%) \square >5:1 (20%) \square
Extent of impervious surface within the riparian area. (Question 4)
<10% \(\square \) 10% - 25% \(\Square \) >25% \(\square \)
Is the reach constricted by man-made features? (Question 8)
Yes ⊠ No □
Does the orientation of the riparian area allow for shading of the water resource at midday in summer? (Question 9)
Yes □ No ⊠
Dominant vegetation layer within riparian area? (Question 10)
Woody vegetation ☑ Herbaceous vegetation □ Bare ground □
Does woody vegetation hang over the edge of the water? (Questions 11 & 14)
Yes □ No ⊠
Large woody debris in riparian area? (Question 15)
Yes ⊠ No □
Percent of water resource bordered by vegetated riparian area at least 30 feet wide? (Question 16)
>40% 🗵 10% - 40% 🗵 <10% 🗆
Degree of development or human caused disturbance. (Question 19)
<25% □ 25% - 75% ⊠ >75% □
How does the NRCS soil survey rank water erosion hazard of the dominant mapped unit in the Riparian Area? (Question 5)
low, slight moderate □ high, very high, severe ⊠
What is the dominant vegetation at the top of bank (if defined) or edge of water resource? (Question 3)
Woody vegetation ☐ Herbaceous vegetation ☒ Bare ground ☐
Are there flood prone areas (adjacent flat areas, depressions, swales, FEMA mapped 100-year floodplain, etc.) beyond the top of bank or edge of the water resource? (Question 6)
Yes ⊠ No □
Is woody vegetation (trees, shrubs, vines) greater than 1 meter (3.2 feet) high dominant in the flood prone riparian area?
Yes ⊠ No or no flood prone area present □
How many vegetation layers (i.e. canopy, mid-story, groundcover) are present?
More than 2 □ 2 layers ⊠ 1 layer or unvegetated □

Riparian Width Determination



City of Molalla Riparian Inventory

RIPARIAN CODE

R-CC-3R

Date: 4/20/0	1 Investigators:	CR/PF	
Dominant tree species:	Fraxinus latifolia	(see other side for list of species)
	/Width of riparian area:		feet
PTH determined by: On-site vegetation	Reference site	□ Code	
		ide trailer subdivision on right are ery Creek flows NW beneath road	
Typical Cross Section:			
2 ST		Mark Control of the C	mobile homes
	Creaming Greak		



City of Molalla Riparian Inventory

WATER QUALITY

RIPARIAN CODE

R-CC-3R

1. What is the average slope in the riparian area?	Score
a. Less than 10:1 (10%) 3 pts	s
b. Between 10:1 (10%) and 5:1 (20%) 2 pts	3
c. Greater than 5:1 (20%) 1 pt	
2. What is the dominant vegetation cover in the riparian area?	
a. Woody vegetation (trees, shrubs, vines) greater than 1 meter (3.2 feet) high	- 11
b. Herbaceous vegetation or woody vegetation less than 1 meter (3.2 feet) high 2 pts	3
c. Bare ground1 pt	
3. What is the dominant vegetation at the top of bank (if defined)	
or edge of water resource?	
a. Woody vegetation (trees, shrubs, vines) greater than 1 meter (3.2 feet) high 3 pts	
b. Herbaceous vegetation or woody vegetation less than 1 meter (3.2 feet) high 2 pts	2
c. Bare ground 1 pt	
4. What is the extent of impervious surfaces within the riparian area?	
a. Less than 10%	;
h Detween 100/ and 250/	11
c. Greater than 25% 1 pt	
5. How does the Natural Resources Conservation Service (formerly	1
Soil Conservation Service) soil survey rank the water erosion hazard	
of the dominant mapped unit in the riparian area? Select the highest	
water erosion hazard description if more than one is listed.	
a Low slight moderate	1
b. High, severe, very high 2 pts	
	170
Total Points	:11

Function: High (12-14 pts) Medium (8-11 pts) Low (5-7 pts)

FUNCTION IS: MEDIUM



City of Molalla Riparian Inventory

FLOOD MANAGEMENT

RIPARIAN CODE

R-CC-3R

MEDIUM

FUNCTION IS:

	Score
3 pts	3
4 4	
3 pts	3
3 pts	1
otal Points:	7
	3 pts



City of Molalla Riparian Inventory

THERMAL REGULATION

RIPARIAN CODE

R-CC-3R

s the aspect or orientation of the riparian area allow for shading of water		Score
aidday in the summer?	المدد	0 4 0
No	^{1 pt}	
at is the dominant vegetation layer in the riparian area?		
Woody vegetation (trees, shrubs, vines) greater than 1 meter (3.2 feet) high	3 pts	
Herbaceous vegetation or woody vegetation less than 1 meter (3.2 feet) high	2 pts	3
Bare ground	1 pt	110 1,0000000
es woody vegetation hang over the edge of the water? Yes	2 pts	1
No	AND A STATE OF THE PARTY OF THE	
	-	
	Woody vegetation or woody vegetation less than 1 meter (3.2 feet) high Herbaceous vegetation or woody vegetation less than 1 meter (3.2 feet) high Bare ground s woody vegetation hang over the edge of the water? Yes	Tes No 1 pt at is the dominant vegetation layer in the riparian area? Woody vegetation (trees, shrubs, vines) greater than 1 meter (3.2 feet) high 3 pts Herbaceous vegetation or woody vegetation less than 1 meter (3.2 feet) high 2 pts Bare ground 1 pt s woody vegetation hang over the edge of the water? Yes 2 pts

FUNCTION IS:

MEDIUM



City of Molalla Riparian Inventory

WILDLIFE HABITAT

RIPARIAN CODE

R-CC-3R

12. How many vegetation layers (i.e. canopy, mid-story, groundcover) are present?	o.	Score
a. More than 2 layers	3 pts	
b. 2 layers	2 pts	2
c. 1 layer, or unvegetated	4 -4	
		le.
13. What is the dominant vegetation layer in the riparian area?		
a. Woody vegetation (trees, shrubs, vines) greater than 1 meter (3.2 feet) high	3 pts	
b. Herbaceous vegetation or woody vegetation less than 1 meter (3.2 feet) high	2 pts	3
c. Bare ground		
14. Does woody vegetation hang over the edge of the water?		
a. Yes	2 pts	1
b. No	4 -4	
15. Is large woody debris present within the riparian area?		
a Vac	3 pts	3
To AT an	4 -4	
b. No		
16. What percent of the water resource edge is bordered by a vegetated riparian		
area at least 30 feet wide?		
a Greater than 40%	3 pts	
h Patricen 10% and 40%	2 ptc	3
T 41 100/	4 -4	
c. Less than 10%	1 pt	

Questions continued on next page



City of Molalla Riparian Inventory

WILDLIFE HABITAT (continued)

RIPARIAN CODE

R-CC-3R

17.	Is surface water present throughout the year?		Score
	a. Yes	3 pts	
	b. No	1 pt	3
18.	Is there more than one type of water resource (e.g. stream, wetland, lake/pond)		
	within or immediately adjacent to the riparian reach?	1	
	a. Yes	3 pts	1
	b. No	1 nt	
19.	What is the degree of development or human-caused disturbance (e.g. buildings,		
	impervious surfaces, lawns, agriculture, trash) in the riparian area?	Į.	
	a. Less than 25%	3 pts	
	b. Between 25% and 75%	2 nts	2
	c. Greater than 75%	1 pt	
	Tota	al Points:	18

Function: High (19-23 pts) Medium (13-18 pts) Low (8-12 pts)

FUNCTION IS:

MEDIUM

Riparian Characterization Form



City of Molalla Riparian Inventory

GENERAL INFORMA	TION		W				
Date:	5/1/01		Riparia	n Code:		R-BC-1	
On-site: ⊠	Off-Site:		Reach I	ength:		1325'	
Investigators:	SE/PF	ž	Hydrolo	ogic Basin:_	В	ear Creek	
WATER RESOURCE II	NFORMATION			1000			45
Water Resource:		х				feet	
	Lake/Pond: Wetland:		Width:			feet feet	
LWI Wetland Code:		 .1R		, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			
		- 10°	п	-			
Water present year-				**	_	N E	
Are salmonids prese	ent in the adjacent wa	ater resou	rce?	Yes	Ц	No 🗵	
Is the water resource	e listed for temperat	ure on DE	Q's 303(d) list:	Yes []	No ⊠
Within FEMA-map	ped 100-year floodpl	ain:	Yes		No E	×.	
Mapped soil series:			Wapato si	lty clay loar	n		
Adjacent Land Uses	? (Check as many as need	led)					
Agriculture:		Roads:	\boxtimes				
Commercial/Indus.:	⊠ Und	eveloped:	\boxtimes				
Residential:		Forestry:					
Woo	ody vegetation			Цо	baceous ve	gotation	
	rubs, vines >1 meter)		JA			vines <1 meter	r)
Fraxinus latifolia	ruos, vines - r meter)		Phalaris	arundinace		vines at meter	.,
Pseudotsuga menziesi	ii		Hedera l				
Crataegus monogyna				dulcamara			
Prunus sp.							
Rubus discolor							
Populus trichocarpa	TANK THE TAN					-	

1 meter = 3.2 feet

Quercus garryana

Average slope in the riparian area: (Question 1)
<10:1 (10%) \boxtimes Between 10:1 (10%) and 5:1 (20%) \square >5:1 (20%) \square
Extent of impervious surface within the riparian area. (Question 4)
<10% 区 10% - 25% □ >25% □
Is the reach constricted by man-made features? (Question 8)
Yes □ No ⊠
Does the orientation of the riparian area allow for shading of the water resource at midday in summer? (Question 9)
Yes ⊠ No □
Dominant vegetation layer within riparian area? (Question 10)
Woody vegetation ☑ Herbaceous vegetation □ Bare ground □
Does woody vegetation hang over the edge of the water? (Questions 11 & 14)
Yes ⊠ No □
Large woody debris in riparian area? (Question 15)
Yes ⊠ No □
Percent of water resource bordered by vegetated riparian area at least 30 feet wide? (Question 16)
>40% 🗵 10% - 40% 🗆 <10% 🗖
Degree of development or human caused disturbance. (Question 19)
<25% ⊠ 25% - 75% □ >75% □
How does the NRCS soil survey rank water erosion hazard of the dominant mapped unit in the Riparian Area? (Question 5)
low, slight moderate high, very high, severe
What is the dominant vegetation at the top of bank (if defined) or edge of water resource? (Question 3)
Woody vegetation ☐ Herbaceous vegetation ☒ Bare ground ☐
Are there flood prone areas (adjacent flat areas, depressions, swales, FEMA mapped 100-year floodplain, etc.) beyond the top of bank or edge of the water resource? (Question 6)
Yes ⊠ No □
Is woody vegetation (trees, shrubs, vines) greater than 1 meter (3.2 feet) high dominant in the flood prone riparian area?
Yes □ No or no flood prone area present ⊠
How many vegetation layers (i.e. canopy, mid-story, groundcover) are present?
More than 2 ⊠ 2 layers □ 1 layer or unvegetated □

Riparian Width Determination



City of Molalla Riparian Inventory

RIPARIAN CODE

R-BC-1

Date: 5/1/01	Investigators:	SE/PF	
Dominant tree species:	Fraxinus latifolia	(see other side for list of species))
Potential tree height (PTH)/	Width of riparian area :	75 / 75	feet
	idth measured horizontally from edge	e of water resource)	
PTH determined by:	10	-	
On-site vegetation 区	Reference site	Code	
Comments: Bear Cree	ek north of sewage plant. Creek	is 1.4 feet deen. Analysis perfe	rmed
	access road to sewage plant.	is 1.4 feet deep. Allarysis perio	Jilled
seeming apost cann of ortage of	i decess redu to serrage prant.		
Typical Cross Section:			
	Bray Creek		



City of Molalla Riparian Inventory

WATER QUALITY

RIPARIAN CODE

R-BC-1

1. What is the average slope in the riparian area?		Score
a. Less than 10:1 (10%)	3 pts	
b. Between 10:1 (10%) and 5:1 (20%)		3
c. Greater than 5:1 (20%)	4	
2. What is the dominant vegetation cover in the riparian area?		
a. Woody vegetation (trees, shrubs, vines) greater than 1 meter (3.2 feet) high	3 pts	
b. Herbaceous vegetation or woody vegetation less than 1 meter (3.2 feet) high	2 pts	3
c. Bare ground	1 pt	
3. What is the dominant vegetation at the top of bank (if defined)		
or edge of water resource?		
a. Woody vegetation (trees, shrubs, vines) greater than 1 meter (3.2 feet) high	3 pts	
b. Herbaceous vegetation or woody vegetation less than 1 meter (3.2 feet) high	2 pts	2
Description 1		
c. Bare ground		
4. What is the extent of impervious surfaces within the riparian area?	Į.	
a. Less than 10%	3 pts	
b. Between 10% and 25%	2 -4-	3
c. Greater than 25%	······································	
5. How does the Natural Resources Conservation Service (formerly		
Soil Conservation Service) soil survey rank the water erosion hazard		
of the dominant mapped unit in the riparian area? Select the highest		
water erosion hazard description if more than one is listed.		
a. Low, slight, moderate	2 pts	2
b. High, severe, very high		
ed a 12 5 m2 pr		
	Total Points:	13

Function: High (12-14 pts) Medium (8-11 pts) Low (5-7 pts)

FUNCTION IS:

HIGH



City of Molalla Riparian Inventory

FLOOD MANAGEMENT

RIPARIAN CODE

R-BC-1

6. Are there	e flood prone areas (adjacent flat areas, depressions, swales, FEMA		Score
	100-year floodplain, etc.) beyond the top of bank or edge of the		
water res	source?		
a. Yes		3 pts	3
b. No		1 pt	
7. Is woody	vegetation (trees, shrubs, vines) greater than 1 meter (3.2 feet) high		
dominan	t in the flood prone riparian area?	1	
a. Yes		3 pts	1
b. No or	no flood prone area present		
	eam or water resource constricted by man-made features nelization, riprap, concrete wall)?		
a. No		3 pts	3
b. Yes	***************************************		
		I	
	То	tal Points:	7
Function:	High (8-9 pts) Medium (5-7 pts) Low (3-4 pts)		
	TO CONTRACT OF THE PROPERTY OF		

FUNCTION IS:

MEDIUM



City of Molalla Riparian Inventory

THERMAL REGULATION

RIPARIAN CODE

R-BC-1

9. Does the aspect or orientation of the riparian	area allow for shading of water		Score
at midday in the summer?		88	
a. Yes		3 pts	3
L N.		4 -4	
10. What is the dominant vegetation layer in the	riparian area?		
a. Woody vegetation (trees, shrubs, vines) grea	ter than 1 meter (3.2 feet) high	3 pts	
b. Herbaceous vegetation or woody vegetation	less than 1 meter (3.2 feet) high	2 pts	3
122 122 122 122 122 122 122 122 122 122			
11. Does woody vegetation hang over the edge of a. Yes		2 pts	2
		2 2	2
			0
	To	otal Points:	8
Function: High (7-8 pts) Medium (5-6 pt	(s) Low (3-4 pts)		

FUNCTION IS:

HIGH



City of Molalla Riparian Inventory

WILDLIFE HABITAT

RIPARIAN CODE

R-BC-1

12. How many vegetation layers (i.e. canopy, mid-story, groundcover) are present?		Score
a. More than 2 layers	3 pts	
b. 2 layers	0 1 11	3
c. 1 layer, or unvegetated	4	2 381 200 210 8
13. What is the dominant vegetation layer in the riparian area?		
a. Woody vegetation (trees, shrubs, vines) greater than 1 meter (3.2 feet) high	3 pts	
b. Herbaceous vegetation or woody vegetation less than 1 meter (3.2 feet) high	2 pts	3
c. Bare ground		
14. Does woody vegetation hang over the edge of the water? a. Yes b. No 15. Is large woody debris present within the riparian area? a. Yes	1 pt	2
b. No	4 -4	
 16. What percent of the water resource edge is bordered by a vegetated riparian area at least 30 feet wide? a. Greater than 40% b. Between 10% and 40% c. Less than 10% 	2 pts	3

Questions continued on next page



City of Molalla Riparian Inventory

WILDLIFE HABITAT (continued)

RIPARIAN CODE

R-BC-1

740	Score
3 pts	
1 pt	3
and, lake/pond)	
3 pts	1
20 0 0 0 0	333301
area?	
0 1	
3 pts	3
0 1	3
	nd, lake/pond) 3 pts

FUNCTION IS:

HIGH

Riparian Characterization Form



City of Molalla Riparian Inventory

GENERAL INFORMA	TION			
Date:	6/7/01	Riparian Code:	R-BC-2	
On-site: □	Off-Site: ⊠	Reach Length:	550	~
Investigators:	SE/PF	Hydrologic Basin:_	Bear Creek	
WATER RESOURCE I	NFORMATION			
Water Resource:	Stream/River: x Lake/Pond: Wetland:	Width: Width:		
LWI Wetland Code				
Water present year-	round: Yes 🗵 No	o 🗆		
Are salmonids prese	ent in the adjacent water resou	irce? Yes	□ No ⊠	
	-			No ⊠
is the water resource	e listed for temperature on DI	EQ'8 303(a) list:	Yes □	NO A
Within FEMA-map	ped 100-year floodplain:	Yes 🗆	No ⊠	
Mapped soil series:		Wapato silty clay loan	n	
Adjacent Land Uses	? (Check as many as needed)			
Agriculture:				
Commercial/Indus.:				
Residential:	Forestry	: 🗆		
Woo	ody vegetation	Her	baceous vegetation	
	rubs, vines >1 meter)	Annual Control of the	ees, shrubs, vines <1 me	eter)
Quercus garryana		Anthoxanthum odora		
Fraxinus latifolia		Festuca arundinacea	I	
		Alopecurus genicula	tus	
	(F)	Cirsium vulgare		
Value of the second sec		Cirsium arvense		
		Holcus lanatus		

Chrysanthemum leucanthemum

Average slope in the riparian area: (Question 1)
<10:1 (10%) \boxtimes Between 10:1 (10%) and 5:1 (20%) \square >5:1 (20%) \square
Extent of impervious surface within the riparian area. (Question 4)
<10% 🗵 10% - 25% 🗆 >25% 🗖
Is the reach constricted by man-made features? (Question 8)
Yes □ No ⊠
Does the orientation of the riparian area allow for shading of the water resource at midday in summer? (Question 9)
Yes ⊠ No □
Dominant vegetation layer within riparian area? (Question 10)
Woody vegetation ☐ Herbaceous vegetation ☒ Bare ground ☐
Does woody vegetation hang over the edge of the water? (Questions 11 & 14)
Yes □ No ⊠
Large woody debris in riparian area? (Question 15)
Yes □ No ⊠
Percent of water resource bordered by vegetated riparian area at least 30 feet wide? (Question 16)
>40% 🗵 10% - 40% 🗆 <10% 🗖
Degree of development or human caused disturbance. (Question 19)
<25% ⊠ 25% - 75% □ >75% □
How does the NRCS soil survey rank water erosion hazard of the dominant mapped unit in the Riparian Area? (Question 5)
low, slight moderate
What is the dominant vegetation at the top of bank (if defined) or edge of water resource? (Question 3)
Woody vegetation ☐ Herbaceous vegetation ☒ Bare ground ☐
Are there flood prone areas (adjacent flat areas, depressions, swales, FEMA mapped 100-year floodplain, etc.) beyond the top of bank or edge of the water resource? (Question 6)
Yes ⊠ No □
Is woody vegetation (trees, shrubs, vines) greater than 1 meter (3.2 feet) high dominant in the flood prone riparian area?
Yes □ No or no flood prone area present ⊠
How many vegetation layers (i.e. canopy, mid-story, groundcover) are present?
More than 2 □ 2 layers ⊠ 1 layer or unvegetated □

Riparian Width Determination



City of Molalla Riparian Inventory

RIPARIAN CODE

R-BC-2

Date:	6/7/0	01	Investigators:	SE/PF	-
Dominant tree s	pecies:	Fraxini	ıs latifolia	(see other side for list of species	;)
Potential tree he		N	· · · · · · · · · · · · · · · · · · ·	75 / 25 ge of water resource)	feet
PTH determined On-site ve		X	Reference site	Code	5
Comments: This reach is in an				oad, and east from Highway 213	3.
Typical Cross Se	ection:				
Garryona S		What I want to the same of the	,	traxinus lanfoirie	



City of Molalla Riparian Inventory

WATER QUALITY

RIPARIAN CODE

R-BC-2

1. What is the average slope in the riparian area?	Score
a. Less than 10:1 (10%)	3 pts
	2 pts 3
c. Greater than 5:1 (20%)	1 pt
2. What is the dominant vegetation cover in the riparian area?	
a. Woody vegetation (trees, shrubs, vines) greater than 1 meter (3.2 feet) high	3 pts
b. Herbaceous vegetation or woody vegetation less than 1 meter (3.2 feet) high	2 nto
c. Bare ground	1 pt
3. What is the dominant vegetation at the top of bank (if defined)	
or edge of water resource?	ā
a. Woody vegetation (trees, shrubs, vines) greater than 1 meter (3.2 feet) high	3 pts
b. Herbaceous vegetation or woody vegetation less than 1 meter (3.2 feet) high	2 pts 2
c. Bare ground	1 pt
4. What is the extent of impervious surfaces within the riparian area?	N.
a. Less than 10%	3 pts
	2 pts3
c. Greater than 25%	1 pt
5. How does the Natural Resources Conservation Service (formerly	R.
Soil Conservation Service) soil survey rank the water erosion hazard	
of the dominant mapped unit in the riparian area? Select the highest	
water erosion hazard description if more than one is listed.	4
a. Low, slight, moderate	2 pts 2
b. High, severe, very high	1 pts
Total Po	oints: 12

Function: High (12-14 pts) Medium (8-11 pts) Low (5-7 pts)

FUNCTION IS:

HICH



City of Molalla Riparian Inventory

FLOOD MANAGEMENT

RIPARIAN CODE

R-BC-2

	flood prone areas (adjacent flat areas, depressions, swales, FEMA 00-year floodplain, etc.) beyond the top of bank or edge of the	Score
a. Yes	3 pts	3
b. No	1 pt	* * * * * * * * * * * * * * * * * * * *
AND COMPANY OF STREET	vegetation (trees, shrubs, vines) greater than 1 meter (3.2 feet) high in the flood prone riparian area?	
a. Yes	3 pts	1
b. No or r	no flood prone area present 1 pt	
	am or water resource constricted by man-made features elization, riprap, concrete wall)?	
a. No	3 pts	3
b. Yes	1 pts	
	Total Points:	7
Function:	High (8-9 pts) Medium (5-7 pts) Low (3-4 pts)	

FUNCTION IS:

MEDIUM



City of Molalla Riparian Inventory

THERMAL REGULATION

RIPARIAN CODE

R-BC-2

	aspect or orientation of the riparian area allow for shading of water y in the summer?		Score
a. Yes		3 pts	3
b. No			
10. What is	the dominant vegetation layer in the riparian area?		
a. Wood	dy vegetation (trees, shrubs, vines) greater than 1 meter (3.2 feet) high	3 pts	
b. Herb	aceous vegetation or woody vegetation less than 1 meter (3.2 feet) high	2 pts	2
c. Bare	ground	1 pt	
11. Does wo	ody vegetation hang over the edge of the water?		
a. Yes		2 pts	1
b. No		1 ntc	
		Total Points:	6
Function:	High (7-8 pts) Medium (5-6 pts) Low (3-4 pts)		



City of Molalla Riparian Inventory

WILDLIFE HABITAT

RIPARIAN CODE

R-BC-2

12. How many vegetation layers (i.e. canopy, mid-story, groundcover) are present?		Score
a. More than 2 layers	3 pts	
b. 2 layers	0 1	2
c. 1 layer, or unvegetated	1 nt	
13. What is the dominant vegetation layer in the riparian area?		
a. Woody vegetation (trees, shrubs, vines) greater than 1 meter (3.2 feet) high	3 pts	
b. Herbaceous vegetation or woody vegetation less than 1 meter (3.2 feet) high	2 pts	2
a Dave ground	1 -+	
c. Bare ground	' P'	
14. Does woody vegetation hang over the edge of the water?		
- V	2 pts	1
h Na	1 nt	
D. 1NO	····· ' Pt	
15. Is large woody debris present within the riparian area?		
a Vac	3 pts	1
L NL		
D. INO	' P'	
16. What percent of the water resource edge is bordered by a vegetated riparian	1	
area at least 30 feet wide?	- 1	
	3 pts	
h Datusan 100/ and 400/		3
1 100/		
c. Less than 10%	1 pt	
	1	

Questions continued on next page



City of Molalla Riparian Inventory

WILDLIFE HABITAT (continued)

RIPARIAN CODE

R-BC-2

17. Is surface water present throughout the year?	1021	Score
a. Yes	3 pts	
b. No	1 nt	3
18. Is there more than one type of water resource (e.g. stream, wetland, lake/pond)	i i	
within or immediately adjacent to the riparian reach?	1	
a. Yes	3 pts	1
b. No	1 pt	
19. What is the degree of development or human-caused disturbance (e.g. buildings,		刷
impervious surfaces, lawns, agriculture, trash) in the riparian area?	1	
a. Less than 25%	3 pts	
b. Between 25% and 75%	2 pts II	3
c. Greater than 75%	1 pt	
	\$1 51	
То	tal Points:	16

Function: High (19-23 pts) Medium (13-18 pts) Low (8-12 pts)

FUNCTION IS:

MEDIUM

Riparian Characterization Form



City of Molalla Riparian Inventory

GENERAL INFORMATI	ON (
Date:	4/18/01	Riparian Co	de:	R-B	C-3L	
On-site: □ (Off-Site: □	Reach Lengt	h:	40	00	
Investigators:	FS/SE	Hydrologic I	Basin:	Bear	Creek	
WATER RESOURCE INI	FORMATION			1 - 1 - 2		
Water Resource:	Stream/River: x Lake/Pond: Wetland:		12		feet feet feet	
LWI Wetland Code:_	BC-2A					
Water present year-ro	ound: Yes 🗵 No					
Are salmonids present	t in the adjacent water resou	rce?	Yes □		No 🗵	
Is the water resource	Is the water resource listed for temperature on DEQ's 303(d) list: Yes □ No ⊠					
Within FEMA-mappe	d 100-year floodplain:	Yes	7	No ⊠		
Mapped soil series:		Wapato silty cl	ay loam			
Adjacent Land Uses?	(Check as many as needed)					
Agriculture: Commercial/Indus.: Residential:	⊻ Undeveloped	: 🗆			8	Di.
Wood	y vegetation	1	Herbace	eous vegeta	ation	
(trees, shrubs, vines >1 meter)		(include trees, shrubs, vines <1 meter))	
Pseudotsuga menziesii		Phalaris arun	ndinacea	-9.344		
Quercus garryana		Dactylus glon	nerata	1344		
Fraxinus latifolia		Galium apari	ne	S. 40 Miles	Was no	
Crataegus monogyna		Impatiens sp.				
Rubus discolor		Lamium purp			1000	
		Conium macu	latum			

Average slope in the riparian area: (Question 1)
<10:1 (10%) \boxtimes Between 10:1 (10%) and 5:1 (20%) \square >5:1 (20%) \square
Extent of impervious surface within the riparian area. (Question 4)
<10% 🗵 10% - 25% 🗆 >25% 🗅
Is the reach constricted by man-made features? (Question 8)
Yes □ No ⊠
Does the orientation of the riparian area allow for shading of the water resource at midday in summer? (Question 9)
Yes ⊠ No □
Dominant vegetation layer within riparian area? (Question 10)
Woody vegetation ☑ Herbaceous vegetation □ Bare ground □
Does woody vegetation hang over the edge of the water? (Questions 11 & 14)
Yes ⊠ No □
Large woody debris in riparian area? (Question 15)
Yes ⊠ No □
Percent of water resource bordered by vegetated riparian area at least 30 feet wide? (Question 16)
>40% 🗵 10% - 40% 🗆 <10% 🗅
Degree of development or human caused disturbance. (Question 19)
<25% □ 25% - 75% ⊠ >75% □
How does the NRCS soil survey rank water erosion hazard of the dominant mapped unit in the Riparian Area? (Question 5)
low, slight moderate high, very high, severe
What is the dominant vegetation at the top of bank (if defined) or edge of water resource? (Question 3)
Woody vegetation ☐ Herbaceous vegetation ☒ Bare ground ☐
Are there flood prone areas (adjacent flat areas, depressions, swales, FEMA mapped 100-year floodplain, etc.) beyond the top of bank or edge of the water resource? (Question 6)
Yes □ No ⊠
Is woody vegetation (trees, shrubs, vines) greater than 1 meter (3.2 feet) high dominant in the flood prone riparian area?
Yes □ No or no flood prone area present ⊠
How many vegetation layers (i.e. canopy, mid-story, groundcover) are present?
More than 2 ⊠ 2 layers □ 1 layer or unvegetated □

Riparian Width Determination



City of Molalla Riparian Inventory

RIPARIAN CODE

R-BC-3L

Date: 4/18	/01 Investigators:	FS/SE	-97
Dominant tree species:	Fraxinus latifolia	(see other side for list of species)
Potential tree height (PTI	H)/Width of riparian area:	75 / 75	feet
DOTAL LA L	(Width measured horizontally from edge	ge of water resource)	
PTH determined by: On-site vegetation	⊠ Reference site	Code	•
-	of creek fenced off from grazing		undcover
n north bank. South bank	(left bank) largely intact, extends	out to Safeway mitigation.	
Typical Cross Section:			
		121	
	* *	*	5
× **	×		
X 5		- ~ ·	
	2227	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	5
Safeway	2 / 2 3	4	>
wall to	5 5 6	E ~ 5	4.3
100	2 2.5 5	Malm	Υ
4	The first	HALL CA	razed
1	3-11-11/2	4-5'	
	.)	- L - W	



City of Molalla Riparian Inventory

WATER QUALITY

RIPARIAN CODE

R-BC-3L

1. What is the average slope in the riparian area?	-	Score
a. Less than 10:1 (10%)	3 pts	
b. Between 10:1 (10%) and 5:1 (20%)		3
c. Greater than 5:1 (20%)		
2. What is the dominant vegetation cover in the riparian area?		
a. Woody vegetation (trees, shrubs, vines) greater than 1 meter (3.2 feet) high	3 pts	
b. Herbaceous vegetation or woody vegetation less than 1 meter (3.2 feet) high	2 pts	3
c. Bare ground	1 n+	- 34 - 741 - 3
3. What is the dominant vegetation at the top of bank (if defined)		
or edge of water resource?		
a. Woody vegetation (trees, shrubs, vines) greater than 1 meter (3.2 feet) high	3 pts	
	2 pts	2
c. Bare ground		
4. What is the extent of impervious surfaces within the riparian area?		
a. Less than 10%	3 pts	
b. Between 10% and 25%		3
c. Greater than 25%		
5. How does the Natural Resources Conservation Service (formerly		
Soil Conservation Service) soil survey rank the water erosion hazard		
of the dominant mapped unit in the riparian area? Select the highest		
water erosion hazard description if more than one is listed.		
a. Low, slight, moderate	2 pts	2
b. High, severe, very high	1 pts	
	"	
Ta	tal Points:	13

Function: High (12-14 pts) Medium (8-11 pts) Low (5-7 pts)

FUNCTION IS:

HIGH



City of Molalla Riparian Inventory

FLOOD MANAGEMENT

RIPARIAN CODE

R-BC-3L

MEDIUM

	e flood prone areas (adjacent flat areas, depressions, swales, FEMA 100-year floodplain, etc.) beyond the top of bank or edge of the	Score
a. Yes	2.00	s 1
b. No	3 pt	
10.00	vegetation (trees, shrubs, vines) greater than 1 meter (3.2 feet) high tin the flood prone riparian area?	
a. Yes	3 pt	s 1
b. No or	no flood prone area present 1 pt	
	eam or water resource constricted by man-made features nelization, riprap, concrete wall)? 3 pt	
	Total Points	s: <u>5</u>
Function:	High (8-9 pts) Medium (5-7 pts) Low (3-4 pts)	



City of Molalla Riparian Inventory

THERMAL REGULATION

RIPARIAN CODE

R-BC-3L

HIGH

9.	Does the aspect or orientation of the riparian area allow for shading of water at midday in the summer?				
	a. Yes	3 pts	3		
	b. No	1 nt	1000		
10). What is the dominant vegetation layer in the riparian area?				
	a. Woody vegetation (trees, shrubs, vines) greater than 1 meter (3.2 feet) hig	gh 3 pts			
	b. Herbaceous vegetation or woody vegetation less than 1 meter (3.2 feet) hi	igh 2 pts	3		
	c. Bare ground	1 pt			
11.	. Does woody vegetation hang over the edge of the water?				
	a. Yes	2 pts	2		
	b. No				
		Total Points:	88		
Fu	unction: High (7-8 pts) Medium (5-6 pts) Low (3-4 pts)				



City of Molalla Riparian Inventory

WILDLIFE HABITAT

RIPARIAN CODE

R-BC-3L

12. How many vegetation layers (i.e. cano	opy, mid-story, groundcover) are present?	Score
	3 pts	
b. 2 layers	2 pts	3
	1 pt	
13. What is the dominant vegetation layer	r in the ringrion area?	
	nes) greater than 1 meter (3.2 feet) high 3 pts	-
	getation less than 1 meter (3.2 feet) high 2 pts	3
c. Bare ground	1 pt	
14. Does woody vegetation hang over the	edge of the water?	
a. Yes	2 pts	2
1 17	1 pt	
15. Is large woody debris present within t	the riparian area?	
a Vec	2 ate	3
	1 pt	
16. What percent of the water resource ed area at least 30 feet wide?	dge is bordered by a vegetated riparian	
a Granter than 1004	3 pts	
1 D : 100/ 1400/		3
	2 pts	
c. Less than 10%	1 pt	
	1	

Questions continued on next page



City of Molalla Riparian Inventory

WILDLIFE HABITAT (continued)

RIPARIAN CODE

R-BC-3L

17. Is surface water present throughout the year?		Score
a. Yes	3 pts	
b. No	1 nt	33
18. Is there more than one type of water resource (e.g. stream,	wetland, lake/pond)	
within or immediately adjacent to the riparian reach?	1	
a. Yes	3 pts	1
b. No	1 pt	
9. What is the degree of development or human-caused disturb	bance (e.g. buildings,	
impervious surfaces, lawns, agriculture, trash) in the ripar	rian area?	
a. Less than 25%	3 pts	
b. Between 25% and 75%	0 4	2
c. Greater than 75%		
	Total Points:	20

Function: High (19-23 pts) Medium (13-18 pts) Low (8-12 pts)

FUNCTION IS:

HIGH

Riparian Characterization Form



City of Molalla Riparian Inventory

	Water the second				U-U-U-U-U-U-U-U-U-U-U-U-U-U-U-U-U-U-U-	
GENERAL INFORMAT	ION		30180180			
Date: 4/18/01		Riparian Code:		R-BC-3R		
On-site: □	Off-Site: □	Reach Lo	ength:	400		
Investigators:	FS/SE	Hydrolog	gic Basin:	Bear C	reek	
WATER RESOURCE IT	VFORMATION	Was warns				
Water Resource:	Stream/River: x Lake/Pond: Wetland:	Width: Width: Width:			feet feet feet	
LWI Wetland Code:	BC-2A					
Water present year-	round: Yes 🗵 No					
Are salmonids prese	nt in the adjacent water resou	rce?	Yes □	N	No ⊠	
Is the water resource	e listed for temperature on DE	Q's 303(d	l) list:	Yes □		No 🗵
Within FEMA-mapp	oed 100-year floodplain:	Yes		No ⊠		
Mapped soil series:	,	Wapato sil	ty clay loam			
Adjacent Land Uses	? (Check as many as needed)					
Agriculture:	⊠ Roads:					
Commercial/Indus.:						
Residential:	□ Forestry:					
Woo	dy vegetation		Herbac	ceous vegetat	ion	
(trees, shi		(include trees,	shrubs, vines	<1 meter))	
Pseudotsuga menziesi	i	Phalaris o	arundinacea			
Quercus garryana	NAME OF TAXABLE PARTY.		glomerata			
Fraxinus latifolia		Galium a	parine			
Crataegus monogyna		Impatiens	s sp.			
Rubus discolor		Lamium p	ourpureum			
		Cominum	ugarlatum.			

Average slope in the riparian area: (Question 1)
<10:1 (10%) \boxtimes Between 10:1 (10%) and 5:1 (20%) \square >5:1 (20%) \square
Extent of impervious surface within the riparian area. (Question 4)
<10% ⊠ 10% - 25% □ >25% □
Is the reach constricted by man-made features? (Question 8)
Yes □ No ⊠
Does the orientation of the riparian area allow for shading of the water resource at midday in summer? (Question 9)
Yes ⊠ No □
Dominant vegetation layer within riparian area? (Question 10)
Woody vegetation ☐ Herbaceous vegetation ☒ Bare ground ☐
Does woody vegetation hang over the edge of the water? (Questions 11 & 14)
Yes ⊠ No □
Large woody debris in riparian area? (Question 15)
Yes □ No ⊠
Percent of water resource bordered by vegetated riparian area at least 30 feet wide? (Question 16)
>40% \[\begin{array}{cccccccccccccccccccccccccccccccccccc
Degree of development or human caused disturbance. (Question 19)
<25% □ 25% - 75% ⊠ >75% □
How does the NRCS soil survey rank water erosion hazard of the dominant mapped unit in the Riparian Area? (Question 5)
low, slight moderate
What is the dominant vegetation at the top of bank (if defined) or edge of water resource? (Question 3)
Woody vegetation ☐ Herbaceous vegetation ☒ Bare ground ☐
Are there flood prone areas (adjacent flat areas, depressions, swales, FEMA mapped 100-year floodplain, etc.) beyond the top of bank or edge of the water resource? (Question 6)
Yes ⊠ No □
Is woody vegetation (trees, shrubs, vines) greater than 1 meter (3.2 feet) high dominant in the flood prone riparian area?
Yes □ No or no flood prone area present ⊠
How many vegetation layers (i.e. canopy, mid-story, groundcover) are present?
More than 2 \square 2 layers \boxtimes 1 layer or unvegetated \square

Riparian Width Determination



City of Molalla Riparian Inventory

RIPARIAN CODE

R-BC-3R

Date:	4/18	/01	Investigators:	FS/SE	-
Dominant tre	nt tree species: Fraxinus latifolia		(see other side for list of species	;)	
Potential tree	height (PTI	H)/Width o	f riparian area :	75 / 15-50	feet
PTH determi	nod by	(Width meas	ured horizontally from edge	e of water resource)	
	e vegetation	\boxtimes	Reference site	Code	
Comments:				orses, so narrow fringe of gro	undcover
n north bank.	South bank	(left bank)	largely intact, extends	out to Safeway mitigation.	
		9			
Гурісаl Cross	Section:				
					4
**				5	ζ,
		524	^ک رکر ا	J~~~~	7
Safewa	۳.	5	7 2 5	۶ ک	>
Ketain	3	<	7 65	\$ \$	۶.
pos	ting 1040	5	5 } \	2 Mars	A.
7	•	_ M	Jan -	n 1	1 Augus
_		350	~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~	Les Co.	razed
			K	4-5	



City of Molalla Riparian Inventory

WATER QUALITY

RIPARIAN CODE

R-BC-3R

1. What is the average slope in the riparian area?		Score
a. Less than 10:1 (10%)	3 pts	
b. Between 10:1 (10%) and 5:1 (20%)	0 -4-1	3
c. Greater than 5:1 (20%)	4 -4	
2. What is the dominant vegetation cover in the riparian area?		
a. Woody vegetation (trees, shrubs, vines) greater than 1 meter (3.2 feet) high	3 pts	
b. Herbaceous vegetation or woody vegetation less than 1 meter (3.2 feet) high	2 pts	2
c. Bare ground	1 pt	
3. What is the dominant vegetation at the top of bank (if defined)		
or edge of water resource?	-	
a. Woody vegetation (trees, shrubs, vines) greater than 1 meter (3.2 feet) high	3 pts	
b. Herbaceous vegetation or woody vegetation less than 1 meter (3.2 feet) high	2 pts	2
c. Bare ground	1 nt	
4. What is the extent of impervious surfaces within the riparian area?		
a. Less than 10%	3 pts	
h Patwaen 100/ and 250/	2 pto	3
c. Greater than 25%	4 -4	
5. How does the Natural Resources Conservation Service (formerly		
Soil Conservation Service) soil survey rank the water erosion hazard		
of the dominant mapped unit in the riparian area? Select the highest		
water erosion hazard description if more than one is listed.		
a. Low, slight, moderate	11	
b. High, severe, very high	1 pts	
	Total Points:	12

Function: High (12-14 pts) Medium (8-11 pts) Low (5-7 pts)

FUNCTION IS:

HIGH



City of Molalla Riparian Inventory

FLOOD MANAGEMENT

RIPARIAN CODE

R-BC-3R

MEDIUM

mapped	6. Are there flood prone areas (adjacent flat areas, depressions, swales, FEMA mapped 100-year floodplain, etc.) beyond the top of bank or edge of the					
water res a. Yes b. No	source?		3			
	vegetation (trees, shrubs, vines) greater than 1 meter (3.2 feet) high		8			
dominan a. Yes	t in the flood prone riparian area?	3 pts	1			
b. No or	no flood prone area present					
	eam or water resource constricted by man-made features nelization, riprap, concrete wall)?					
a. No		3 pts	3			
b. Yes						
	Total	 Points:	7			
Function:	High (8-9 pts) Medium (5-7 pts) Low (3-4 pts)					
			MEDICAL CONTRACTOR CONTRACTOR			



City of Molalla Riparian Inventory

THERMAL REGULATION

RIPARIAN CODE

R-BC-3R

9.	Does the aspect or orientation of the riparian area allow for shading of water	Score
	at midday in the summer?	
	a. Yes 3 pts	3
	b. No1 pt	
10.	What is the dominant vegetation layer in the riparian area?	
	a. Woody vegetation (trees, shrubs, vines) greater than 1 meter (3.2 feet) high 3 pts	
	b. Herbaceous vegetation or woody vegetation less than 1 meter (3.2 feet) high 2 pts	2
	c. Bare ground 1 pt	
11.	Does woody vegetation hang over the edge of the water? a. Yes 2 pts	2
	b. No 1 pts	
	Total Points:	7
Fu	nction: High (7-8 pts) Medium (5-6 pts) Low (3-4 pts)	
		CONTRACTOR SERVICES



City of Molalla Riparian Inventory

WILDLIFE HABITAT

RIPARIAN CODE

R-BC-3R

12. How many vegetation layers (i.e. canopy, mid-story, groundcover) are present?		Score
a. More than 2 layers	3 pts	
b. 2 layers		2
c. 1 layer, or unvegetated	32 10	
13. What is the dominant vegetation layer in the riparian area?		
a. Woody vegetation (trees, shrubs, vines) greater than 1 meter (3.2 feet) high	3 pts	
b. Herbaceous vegetation or woody vegetation less than 1 meter (3.2 feet) high	2 pts	2
c. Bare ground	1 pt	
14. Does woody vegetation hang over the edge of the water? a. Yes b. No 15. Is large woody debris present within the riparian area?	^{1 pt}	
a. Yes		
b. No	. 1 pt	
16. What percent of the water resource edge is bordered by a vegetated riparian		
area at least 30 feet wide?		
a. Greater than 40%	3 pts	
b. Between 10% and 40%	9.7	
c. Less than 10%	1 pt	
	14	

Questions continued on next page



City of Molalla Riparian Inventory

WILDLIFE HABITAT (continued)

RIPARIAN CODE

R-BC-3R

17.	Is surface water present throughout the year?	5200	Score
	a. Yes	3 pts	
	b. No	1 nt	3
18.	Is there more than one type of water resource (e.g. stream, wetland, lake/pond) within or immediately adjacent to the riparian reach?		
	a. Yes	3 pts	1
	b. No	1 pt	
19.	What is the degree of development or human-caused disturbance (e.g. buildings impervious surfaces, lawns, agriculture, trash) in the riparian area?	s,	
	a. Less than 25%	3 pts	
	b. Between 25% and 75%	The transfer of the control of the c	2
	c. Greater than 75%	1 pt	
	т	otal Points:	14

Function: High (19-23 pts) Medium (13-18 pts) Low (8-12 pts)

FUNCTION IS:

MEDIUM

Riparian Characterization Form



City of Molalla Riparian Inventory

GENERAL INFORMAT	FION E					21	
Data	4/18/01		Dinaria	n Codo:		R-BC-4L	
Date:	4/16/01		карагіа	n Code:		R-BC-4L	
On-site: ⊠	Off-Site: □		Reach I	ength:		800	- Version
Investigators:	FS/SE		Hydrolo	ogic Basin:		Bear Creek	
WATER RESOURCE IT	NFORMATION		eredadi. Mi			19/01	
Water Resource:	Stream/River: x		Width:		8 - 10	feet	
, ater resource.	Lake/Pond:		Width:		0 10		
	Wetland:		Width:	180		feet	
I WI Watland Cada	DC 24						
LWI Welland Code:	BC-2A	1 1 1		-			
Water present year-	round: Yes 🗵	No					
Are salmonids prese	nt in the adjacent water i	reson	rce?	Yes	П	No ⊠	
rice samonius prese	nt in the adjacent water i	csou		103	(2000) .		
Is the water resource	e listed for temperature o	n DE	Q's 303(d) list:	Yes		No ⊠
Within FEMA-mapp	oed 100-year floodplain:		Yes		No	\boxtimes	
Mapped soil series:	200		Wapato si	ilty clay loa	m		
Adjacent Land Uses	? (Check as many as needed)						
Agriculture:	⊠ Re	oads:					
Commercial/Indus.:	□ Undevelo	ped:	\times				
Residential:		stry:			*		
	#.						
Woo	ody vegetation					vegetation	
(trees, sh	rubs, vines >1 meter)		Tanta to			s, vines <1 met	er)
Quercus garryana				arundinace			
Pseudotsuga menziesi	i			s glomerata			
Cytisus scoparius			Galium			10 222 (10 10)	
Fraxinus latifolia		100	restuca	arundinace	a		
Crataegus monogyna							
Rubus discolor			l .				

Average slope in the riparian area: (Question 1)
<10:1 (10%) \boxtimes Between 10:1 (10%) and 5:1 (20%) \square >5:1 (20%) \square
Extent of impervious surface within the riparian area. (Question 4)
<10% 🗵 10% - 25% 🗆 >25% 🗆
Is the reach constricted by man-made features? (Question 8)
Yes □ No ⊠
Does the orientation of the riparian area allow for shading of the water resource at midday in summer? (Question 9)
Yes □ No ⊠
Dominant vegetation layer within riparian area? (Question 10)
Woody vegetation ☐ Herbaceous vegetation ☐ Bare ground ☐
Does woody vegetation hang over the edge of the water? (Questions 11 & 14)
Yes □ No ⊠
Large woody debris in riparian area? (Question 15)
Yes □ No ⊠
Percent of water resource bordered by vegetated riparian area at least 30 feet wide? (Question 16)
>40% 🗵 10% - 40% 🗆 <10% 🗖
Degree of development or human caused disturbance. (Question 19)
<25% □ 25% - 75% ⊠ >75% □
How does the NRCS soil survey rank water erosion hazard of the dominant mapped unit in the Riparian Area? (Question 5)
low, slight moderate
What is the dominant vegetation at the top of bank (if defined) or edge of water resource? (Question 3
Woody vegetation ☐ Herbaceous vegetation ☒ Bare ground ☐
Are there flood prone areas (adjacent flat areas, depressions, swales, FEMA mapped 100-year floodplain, etc.) beyond the top of bank or edge of the water resource? (Question 6)
Yes □ No ⊠
Is woody vegetation (trees, shrubs, vines) greater than 1 meter (3.2 feet) high dominant in the flood prone riparian area?
Yes □ No or no flood prone area present ⊠
How many vegetation layers (i.e. canopy, mid-story, groundcover) are present?
More than 2 ⊠ 2 layers □ 1 layer or unvegetated □

Riparian Width Determination



City of Molalla Riparian Inventory

RIPARIAN CODE

R-BC-4L

Date: 4/1	8/01	Investigators:	FS/SE	
Dominant tree species:	Fra.	xinus latifolia	(see other side for list of s	pecies)
Potential tree height (P7	(H)/Width of r	iparian area :	75 / 25-50	feet
	(Width measure	ed horizontally from edge	e of water resource)	
PTH determined by:		Defenence site	Codo	
On-site vegetation	1 (2)	Reference site	Code	
Comments Desc	h adiacent to te		aland undersland word	ad areas Old
			eland, undeveloped wood all to creek discharging p	
stormwater (oily slicks from		industrial way. Outi	an to creek discharging p	Siluted
tomwater (ony sneks in	mi scamicita).			
Typical Cross Sections				
Typical Cross Section:				
			Fraxinus latificia	
Queras			Populus	7
garryana	Fraumes		1. 1.	\ \S_{\bar{\bar{\bar{\bar{\bar{\bar{\bar
2	Fragues		12 N 6	ζ
12. S.	6) 'Y }	\subseteq
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and Zon	کہ	`	- I was	V A MARCHAN
moved V			The same	11-18-
- Longwil warey mil	Au.	1. P. T. J. J.	1 5 1 march 2 1	as discolor
	The state of the s	The land of the		
4-5'	1	Flower	Phalare	S
			2' Deep	
	9-10	, " JP "		



City of Molalla Riparian Inventory

WATER QUALITY

RIPARIAN CODE

R-BC-4L

1. What is the average slope in the riparian area?	04	Score
a. Less than 10:1 (10%)	3 pts	
b. Between 10:1 (10%) and 5:1 (20%)	2 nto	3
c. Greater than 5:1 (20%)	41	
2. What is the dominant vegetation cover in the riparian area?		
a. Woody vegetation (trees, shrubs, vines) greater than 1 meter (3.2 feet) high	3 pts	
b. Herbaceous vegetation or woody vegetation less than 1 meter (3.2 feet) high	2 pts	3
c. Bare ground	1 pt	
3. What is the dominant vegetation at the top of bank (if defined)		
or edge of water resource?	1	
a. Woody vegetation (trees, shrubs, vines) greater than 1 meter (3.2 feet) high	3 pts	
b. Herbaceous vegetation or woody vegetation less than 1 meter (3.2 feet) high	2 pts	2
c. Bare ground	1 pt	
4. What is the extent of impervious surfaces within the riparian area?		
a. Less than 10%	3 pts	
b. Between 10% and 25%	0 -1-	3
c. Greater than 25%	4 -4	(1 (1 (1 (1 (1 (1 (1 (1 (1 (1 (1 (1 (1 (
5. How does the Natural Resources Conservation Service (formerly		
Soil Conservation Service) soil survey rank the water erosion hazard		
of the dominant mapped unit in the riparian area? Select the highest		
water erosion hazard description if more than one is listed.		
a. Low, slight, moderate	2 pts	2
b. High, severe, very high	1 pts	
To	otal Points:	13

Function: High (12-14 pts) Medium (8-11 pts) Low (5-7 pts)

FUNCTION IS:

HIGH



City of Molalla Riparian Inventory

FLOOD MANAGEMENT

RIPARIAN CODE

R-BC-4L

mapped	100-year floodplain		epressions, swales, FEMA of bank or edge of the		Score
water res				المدو	
a. Yes					1
b. No				1 pt	
7. Is woody	vegetation (trees, s	shrubs, vines) greater	than 1 meter (3.2 feet) high		
dominan	t in the flood prone	riparian area?			
a. Yes			•••••	3 pts	1
b. No or	no flood prone area				
8. Is the str	eam or water resou	rce constricted by ma	n-made features		
(e.g. chan	nelization, riprap,	concrete wall)?			
a. No				3 pts	3
b. Yes					
				1	
				Total Points:	5
Function:	High (8-9 pts)	Medium (5-7 pts)	Low (3-4 pts)		

FUNCTION IS:

MEDIUM



City of Molalla Riparian Inventory

THERMAL REGULATION

RIPARIAN CODE

R-BC-4L

MEDIUM

9.	at midday in the summer?		Score
	a. Yes	3 pts	1
	b. No	1 mt	
10.	What is the dominant vegetation layer in the riparian area?	3	
	a. Woody vegetation (trees, shrubs, vines) greater than 1 meter (3.2 feet) high	3 pts	
	b. Herbaceous vegetation or woody vegetation less than 1 meter (3.2 feet) high	2 pts	3
	c. Bare ground	1 pt	
11.	Does woody vegetation hang over the edge of the water?		
	a. Yes	2 pts	1
	b. No	4 -1-	
		I	
		Total Points:	5 .
Fu	nction: High (7-8 pts) Medium (5-6 pts) Low (3-4 pts)		



City of Molalla Riparian Inventory

WILDLIFE HABITAT

RIPARIAN CODE

R-BC-4L

12. How many vegetation layers (i.e. canopy, mid-story, groundcover) are presen	t?	Score
a. More than 2 layers b. 2 layers c. 1 layer, or unvegetated	2 pts	3
13. What is the dominant vegetation layer in the riparian area?		
a. Woody vegetation (trees, shrubs, vines) greater than 1 meter (3.2 feet) high	3 pts	
b. Herbaceous vegetation or woody vegetation less than 1 meter (3.2 feet) high	2 pts	3
c. Bare ground	1 pt	
14. Does woody vegetation hang over the edge of the water? a. Yes b. No 15. Is large woody debris present within the riparian area? a. Yes	1 pt	1
b. No 16. What percent of the water resource edge is bordered by a vegetated riparian area at least 30 feet wide?	1 pt	
o. Greater than 109/	3 pts	l .
1. D 100/ 1400/	0 -4-	3
c. Less than 10%	1 n4	
AND TRANSPORT CONTACT		

Questions continued on next page



City of Molalla Riparian Inventory

WILDLIFE HABITAT (continued)

RIPARIAN CODE

R-BC-4L

17. Is surface water present throughout the year	r?	Score
a. Yes	3 pts	
h No	1 pt	3
8. Is there more than one type of water resource	ce (e.g. stream, wetland, lake/pond)	
within or immediately adjacent to the ripari	an reach?	
a. Yes	3 pts	1
b. No	1 pt	
19. What is the degree of development or human	n-caused disturbance (e.g. buildings,	
impervious surfaces, lawns, agriculture, tra	ash) in the riparian area?	
a. Less than 25%	3 pts	
h Batween 250/ and 750/	2 pts	2
	1 pt	
		17
	Total Points:	1/

Function: High (19-23 pts) Medium (13-18 pts) Low (8-12 pts)

FUNCTION IS:

MEDIUM

Riparian Characterization Form



City of Molalla Riparian Inventory

THE TANKS IN THE TANKS IN THE TANKS IN THE PARTY OF THE TANKS IN THE T						
GENERAL INFORMATION						
Date: 4/18/01		Riparia	n Code:		R-BC-4R	
On-site: ⊠ Off-Site: □		Reach l	Length:		800	
Investigators: FS/SE		Hydrol	ogic Basin:		Bear Creek	
WATER RESOURCE INFORMATION						2011 (2012) #24 (2014)
Water Resource: Stream/River: x Lake/Pond: Wetland:		Width:			feet	
LWI Wetland Code: BC-2A			_			
Water present year-round: Yes ⊠	No					
Are salmonids present in the adjacent wate		ce?	Ves	П	No ⊠	
Is the water resource listed for temperature				Yes		No 🗵
Within FEMA-mapped 100-year floodplain	1:	Yes		No	×	
Mapped soil series:	V	Vapato s	ilty clay loa	m	W2000111110111	
Adjacent Land Uses? (Check as many as needed)	ĺ					
	Roads:					
	eloped:					
Residential: Fo	restry:					
Woody vegetation			He	rbaceous	vegetation	XI II
(trees, shrubs, vines >1 meter)					s, vines <1 mete	r)
Quercus garryana		Phalaris	arundinac			
Pseudotsuga menziesii		Dactylu:	s glomerata			
Cytisus scoparius		Galium	aparine			
Fraxinus latifolia		Festuca	arundinace	а		

Rubus discolor

Crataegus monogyna

Average slope in the riparian area: (Question 1)
<10:1 (10%) \boxtimes Between 10:1 (10%) and 5:1 (20%) \square >5:1 (20%) \square
Extent of impervious surface within the riparian area. (Question 4)
<10% ☒ 10% - 25% □ >25% □
Is the reach constricted by man-made features? (Question 8)
Yes □ No ⊠
Does the orientation of the riparian area allow for shading of the water resource at midday in summer? (Question 9)
Yes □ No ⊠
Dominant vegetation layer within riparian area? (Question 10)
Woody vegetation ☐ Herbaceous vegetation ☐ Bare ground ☐
Does woody vegetation hang over the edge of the water? (Questions 11 & 14)
Yes □ No ⊠
Large woody debris in riparian area? (Question 15)
Yes □ No ⊠
Percent of water resource bordered by vegetated riparian area at least 30 feet wide? (Question 16)
>40% 🗵 10% - 40% 🗆 <10% 🗅
Degree of development or human caused disturbance. (Question 19)
<25% □ 25% - 75% ⊠ >75% □
How does the NRCS soil survey rank water erosion hazard of the dominant mapped unit in the Riparian Area? (Question 5)
low, slight moderate high, very high, severe
What is the dominant vegetation at the top of bank (if defined) or edge of water resource? (Question 3
Woody vegetation □ Herbaceous vegetation ⊠ Bare ground □
Are there flood prone areas (adjacent flat areas, depressions, swales, FEMA mapped 100-year floodplain, etc.) beyond the top of bank or edge of the water resource? (Question 6)
Yes □ No ⊠
Is woody vegetation (trees, shrubs, vines) greater than 1 meter (3.2 feet) high dominant in the flood prone riparian area?
Yes □ No or no flood prone area present ⊠
How many vegetation layers (i.e. canopy, mid-story, groundcover) are present?
More than 2 2 layers □ 1 layer or unvegetated □

Riparian Width Determination



City of Molalla Riparian Inventory

RIPARIAN CODE

R-BC-4R

Date:	4/18/01	Investigators:	FS/SE	
Dominant tro	ee species:	Fraxinus latifolia	(see other side for list of s	pecies)
Potential tree	e height (PTH)/W	idth of riparian area :	75 / 75	feet
	(Wid	th measured horizontally from edge	e of water resource)	
PTH determi				
On-sit	e vegetation 🗵	Reference site	Code	<u></u>
Comments:	Reach adja	cent to tree farm, some pastur	eland, undeveloped wood	ed areas. Old
gravel roadbe	d extends downslo	ppe from Industrial Way. Outf	all to creek discharging p	olluted
	ily slicks from sed			
	7000 C 1000 C		100 100 100 100 100 100 100 100 100 100	
Typical Cros	s Section:			
i ypicai Cros	s section.			
			C · lastic	
0			Francinus latificia	
garryone		•	Populue	72
, (Fran	unus Infolia	. ~~~	7
2	(,)	ulone	377	>
()	2 5	<	< 2	9
5	\rightarrow ς			>
>	5	2	ک ک	siha
5		7). with	Cars.
m	مراهب الم		Juny to	معصدسه كا
y mon	tore /	2 7 2 2	27/20 June	
Manuel	waren willy	T. Patrille Ju	45 June But	ns discolor
	174	The state of the s	<u> </u>	
	45.	7	Phalare	s
		Flow	2' Deep	
		to the	2 Deep	



City of Molalla Riparian Inventory

WATER QUALITY

RIPARIAN CODE

R-BC-4R

1. What is the average slope in the riparian area?		Score
a. Less than 10:1 (10%)	3 pts	
b. Between 10:1 (10%) and 5:1 (20%)	2 pts	3
c. Greater than 5:1 (20%)	1 nt II	() () () () () () () () () ()
2. What is the dominant vegetation cover in the riparian area?		*
a. Woody vegetation (trees, shrubs, vines) greater than 1 meter (3.2 feet) high	3 pts	
b. Herbaceous vegetation or woody vegetation less than 1 meter (3.2 feet) high	2 pts	3
c. Bare ground	1 pt	
3. What is the dominant vegetation at the top of bank (if defined)		
or edge of water resource?	l l	
a. Woody vegetation (trees, shrubs, vines) greater than 1 meter (3.2 feet) high	3 pts	
b. Herbaceous vegetation or woody vegetation less than 1 meter (3.2 feet) high	2 pts	2
c. Bare ground	1 pt	
4. What is the extent of impervious surfaces within the riparian area?		
a. Less than 10%	3 pts	
b. Between 10% and 25%	2 -4-	3
c. Greater than 25%		
5. How does the Natural Resources Conservation Service (formerly	İ	
Soil Conservation Service) soil survey rank the water erosion hazard		
of the dominant mapped unit in the riparian area? Select the highest		
water erosion hazard description if more than one is listed.		
a. Low, slight, moderate	2 pts	2
b. High, severe, very high	1 -1-	
	Total Points:	13

Function: High (12-14 pts) Medium (8-11 pts) Low (5-7 pts)

FUNCTION IS:

HIGH



City of Molalla Riparian Inventory

FLOOD MANAGEMENT

RIPARIAN CODE

R-BC-4R

MEDIUM

	flood prone areas (adjacent flat areas, depressions, swales, FEMA 00-year floodplain, etc.) beyond the top of bank or edge of the		Score
a. Yes		3 pts	1
b. No			
7. Is woody v	vegetation (trees, shrubs, vines) greater than 1 meter (3.2 feet) high		
dominant	in the flood prone riparian area?	3	
a. Yes		3 pts	1
b. No or r	no flood prone area present	1 pt	
(e.g. chann	am or water resource constricted by man-made features elization, riprap, concrete wall)?		
a. No		3 pts	3
b. Yes		1 pts	
	Tota	al Points:	5
Function:	High (8-9 pts) Medium (5-7 pts) Low (3-4 pts)		
		2	



City of Molalla Riparian Inventory

THERMAL REGULATION

RIPARIAN CODE

R-BC-4R

MEDIUM

FUNCTION IS:

9.	Does the as	spect or orientati	ion of the riparian are	a allow for shading of water	r	Score
	at midday	in the summer?			seen 44	
	a. Yes				3 pts	1
	b. No				1 nt	
10.	What is th	ie dominant vege	tation layer in the rip:	arian area?		
	a. Woody	vegetation (trees	, shrubs, vines) greater	than 1 meter (3.2 feet) high	3 pts	
	b. Herbac	eous vegetation o	r woody vegetation less	than 1 meter (3.2 feet) high	2 pts	3
	c. Bare gr	round			1 pt	
11.	Does wood	ly vegetation han	g over the edge of the	water?		
	a. Yes				2 pts	1
	b. No				4 -4-	
					Total Points:	5
Fu	nction:	High (7-8 pts)	Medium (5-6 pts)	Low (3-4 pts)		



City of Molalla Riparian Inventory

WILDLIFE HABITAT

RIPARIAN CODE

R-BC-4R

12. How many vegetation layers (i.e. canopy, mid-story, groundcover) are present?		Score
a. More than 2 layers b. 2 layers c. 1 layer, or unvegetated	2 pts	l .
13. What is the dominant vegetation layer in the riparian area?		
a. Woody vegetation (trees, shrubs, vines) greater than 1 meter (3.2 feet) high	3 pts	
b. Herbaceous vegetation or woody vegetation less than 1 meter (3.2 feet) high	2 pts	3
c. Bare ground	1 pt	
14. Does woody vegetation hang over the edge of the water? a. Yes b. No 15. Is large woody debris present within the riparian area?	1 pt	1
a. Yes	3 pts	<u> </u>
b. No 16. What percent of the water resource edge is bordered by a vegetated riparian area at least 30 feet wide?		
a. Greater than 40% b. Between 10% and 40% c. Less than 10%	2 pts	3

Questions continued on next page



City of Molalla Riparian Inventory

WILDLIFE HABITAT (continued)

RIPARIAN CODE

R-BC-4R

17. Is surface water	present throughout the year?		Score
a. Yes		3 pts	
b. No		1 pt	3
	an one type of water resource (e.g. stream, wetland, lake/pond)		
within or immed	liately adjacent to the riparian reach?	l l	
a. Yes		3 pts	1
b. No		1 pt	
	ee of development or human-caused disturbance (e.g. buildings, faces, lawns, agriculture, trash) in the riparian area?		
a. Less than 25%	6	3 pts	
b. Between 25%		2 pts	2
c. Greater than 7		1 pt	
	Total I	oints:	17

Function: High (19-23 pts) Medium (13-18 pts) Low (8-12 pts)

FUNCTION IS:

MEDIUM

Riparian Characterization Form



City of Molalla Riparian Inventory

GENERAL INFORMATION		ż	
Date: 5/1/01	Riparian Code:	R-BC-5L	
On-site: ☑ Off-Site: □	Reach Length:	1800'	
Investigators: SE/PF	Hydrologic Basin:_	Bear Creek	
WATER RESOURCE INFORMATION			
Water Resource: Stream/River: x Lake/Pond: Wetland:	Width:	feet	
LWI Wetland Code: BC-17A, BC-2B			
*.	No 🗆		
Are salmonids present in the adjacent water res	ource? Yes	\square No \boxtimes	
Is the water resource listed for temperature on l	DEQ's 303(d) list:	Yes □	No 🗵
Within FEMA-mapped 100-year floodplain:	Yes 🗆	No ⊠	
Mapped soil series:	Wapato silty clay loan	n	
Adjacent Land Uses? (Check as many as needed)			
9	ds: □		
Commercial/Indus.: Undevelope			
Residential: Forest	ry: ⊔		
Woody vegetation	Her	baceous vegetation	
(trees, shrubs, vines >1 meter)	I	ees, shrubs, vines <1 met	er)
Fraxinus latifolia	Phalaris arundinace	a	
Rubus discolor	Rubus discolor		
Symphoricarpos albus	Galium aparine		
Quercus garryana	Hedera helix		•
Amelanchier alnifolia	Impatiens sp.		
Oemleria cerasiformis	Tellima grandiflora		

Polystichum munitum

1 meter = 3.2 feet

Physocarpus capitatus

Average slope in the riparian area: (Question 1)
<10:1 (10%) \boxtimes Between 10:1 (10%) and 5:1 (20%) \square >5:1 (20%) \square
Extent of impervious surface within the riparian area. (Question 4)
<10% 🗵 10% - 25% 🗆 >25% 🗅
Is the reach constricted by man-made features? (Question 8)
Yes □ No ⊠
Does the orientation of the riparian area allow for shading of the water resource at midday in summer? (Question 9)
Yes ⊠ No □
Dominant vegetation layer within riparian area? (Question 10)
Woody vegetation ☐ Herbaceous vegetation ☐ Bare ground ☐
Does woody vegetation hang over the edge of the water? (Questions 11 & 14)
Yes ⊠ No □
Large woody debris in riparian area? (Question 15)
Yes ⊠ No □
Percent of water resource bordered by vegetated riparian area at least 30 feet wide? (Question 16)
>40% 🗵 10% - 40% 🗆 <10% 🗖
Degree of development or human caused disturbance. (Question 19)
<25% ⊠ 25% - 75% □ >75% □
How does the NRCS soil survey rank water erosion hazard of the dominant mapped unit in the Riparian Area? (Question 5)
low, slight moderate high, very high, severe
What is the dominant vegetation at the top of bank (if defined) or edge of water resource? (Question 3)
Woody vegetation ☐ Herbaceous vegetation ☐ Bare ground ☐
Are there flood prone areas (adjacent flat areas, depressions, swales, FEMA mapped 100-year floodplain, etc.) beyond the top of bank or edge of the water resource? (Question 6)
Yes ⊠ No □
Is woody vegetation (trees, shrubs, vines) greater than 1 meter (3.2 feet) high dominant in the flood prone riparian area?
Yes ⊠ No or no flood prone area present ⊠
How many vegetation layers (i.e. canopy, mid-story, groundcover) are present?
More than 2 \square 2 layers \square 1 layer or unvegetated \square

Riparian Width Determination



City of Molalla Riparian Inventory

RIPARIAN CODE

R-BC-5L

Date:	5/1/	01	Investigators:	- 2412	SE/PF	_
Dominant tree	species:	Frax	inus latifolia	(see other side for list of species	s)
Potential tree	height (PTH	()/Width of ri	parian area :		75 / 50-75	feet
DTH determin		(Width measured	horizontally from ed	ge of v	vater resource)	
PTH determin On-site	vegetation	×	Reference site		Code	_
Comments:		extends from (Ona Road to west	of Mo	olalla Forest Road,	
						344
Typical Cross	Section:					
		The same of the sa	\frac{\xi}{\xi}	3	Zn. Lwo	XXXX
			Alberta)(6)



City of Molalla Riparian Inventory

WATER QUALITY

RIPARIAN CODE

R-BC-5L

1. What is the average slope in the riparian area?		Score
a. Less than 10:1 (10%)	3 pts	
b. Between 10:1 (10%) and 5:1 (20%)		3
c. Greater than 5:1 (20%)	2 2	
2. What is the dominant vegetation cover in the riparian area?		
a. Woody vegetation (trees, shrubs, vines) greater than 1 meter (3.2 feet) high	3 pts	
b. Herbaceous vegetation or woody vegetation less than 1 meter (3.2 feet) high	2 pts	3
c. Bare ground	4	
3. What is the dominant vegetation at the top of bank (if defined)	1	
or edge of water resource?	İ	
a. Woody vegetation (trees, shrubs, vines) greater than 1 meter (3.2 feet) high	3 pts	
b. Herbaceous vegetation or woody vegetation less than 1 meter (3.2 feet) high	2 pts	3
c. Bare ground	5.5.5. ST	
4. What is the extent of impervious surfaces within the riparian area?		
a. Less than 10%	3 pts	
b. Between 10% and 25%		3
c. Greater than 25%	-	
5. How does the Natural Resources Conservation Service (formerly		
Soil Conservation Service) soil survey rank the water erosion hazard	1	
of the dominant mapped unit in the riparian area? Select the highest		
water erosion hazard description if more than one is listed.	1	
a. Low, slight, moderate	2 pts	2
b. High, severe, very high	1 pts	
	1	
Total	l Points:	14
1014	. I OIIII.	

Function: High (12-14 pts) Medium (8-11 pts) Low (5-7 pts)

FUNCTION IS:



City of Molalla Riparian Inventory

FLOOD MANAGEMENT

RIPARIAN CODE

R-BC-5L

ood prone areas (adjacent flat areas, depressions, swales, FEMA	Score
0 1	3
1 pt	
etation (trees, shrubs, vines) greater than 1 meter (3.2 feet) high	
the flood prone riparian area?	
3 pts	3
flood prone area present 1 pt	
2. 726. e 327 su	
or water resource constricted by man-made features	
or water resource constricted by man-made features zation, riprap, concrete wall)?	
zation, riprap, concrete wall)?	3
zation, riprap, concrete wall)?	3
	tetation (trees, shrubs, vines) greater than 1 meter (3.2 feet) high the flood prone riparian area? 3 pts

FUNCTION IS:



City of Molalla Riparian Inventory

THERMAL REGULATION

RIPARIAN CODE

R-BC-5L

9.	Does the aspect or orientation of the riparian area allow for shading of water at midday in the summer?	Score	
	a. Yes b. No	4 - 4	3
10.	What is the dominant vegetation layer in the riparian area?	2	
	a. Woody vegetation (trees, shrubs, vines) greater than 1 meter (3.2 feet) high	3 pts	
	 b. Herbaceous vegetation or woody vegetation less than 1 meter (3.2 feet) high c. Bare ground 	2 pts	3
11.	Does woody vegetation hang over the edge of the water? a. Yes	2 pts	2
	b. No	1 pts	
Fu		otal Points:	8
	g_ (p) (e p)		



City of Molalla Riparian Inventory

WILDLIFE HABITAT

RIPARIAN CODE

R-BC-5L

12. How many vegetation layers (i.e. canopy, mid-story, groundcover) are present?		Score
a. More than 2 layers	3 pts	
b. 2 layers	2 pts	3
c. 1 layer, or unvegetated	1 pt	
13. What is the dominant vegetation layer in the riparian area?		
a. Woody vegetation (trees, shrubs, vines) greater than 1 meter (3.2 feet) high	3 pts	
b. Herbaceous vegetation or woody vegetation less than 1 meter (3.2 feet) high	2 pts	3
c. Bare ground	1 -4	
State Control		
14. Does woody vegetation hang over the edge of the water?		
a. Yes	2 pts	2
b. No	1 pt	
	•	
15. Is large woody debris present within the riparian area?		100
o Voc	3 pts	3
h No	1 01	
0. 140	1 pt	
16. What percent of the water resource edge is bordered by a vegetated riparian		
area at least 30 feet wide?		
a. Greater than 40%	3 pts	165
b. Between 10% and 40%	2 nto	3
c. Less than 10%	1 pt	
	-	

Questions continued on next page



City of Molalla Riparian Inventory

WILDLIFE HABITAT (continued)

RIPARIAN CODE

R-BC-5L

17. Is surface water present throughout the year?	***	Score
a. Yes	3 pts	
b. No	1 pt	3
18. Is there more than one type of water resource (e.g. stream, wetland, lake/pond)		
within or immediately adjacent to the riparian reach?		
a. Yes	3 pts	1
b. No	1 pt	
19. What is the degree of development or human-caused disturbance (e.g. buildings,		
impervious surfaces, lawns, agriculture, trash) in the riparian area?		
a. Less than 25%	3 pts	
b. Between 25% and 75%	0 -4-	3
c. Greater than 75%	1 pt	
Tota	al Points:	21

Function: High (19-23 pts) Medium (13-18 pts) Low (8-12 pts)

FUNCTION IS:

Riparian Characterization Form



City of Molalla Riparian Inventory

GENERAL INFORMATION						
Date:5	5/1/01	Riparian Code:		R-BC-5R		
On-site: ⊠ Off-	Site: □	Reach Length:		1800'		
Investigators:	SE/PF	Hydrologic Basin:		Bear Creek		
WATER RESOURCE INFOR	MATION		-			
	ream/River: x Lake/Pond: Wetland:	Width: Width:		feet		
LWI Wetland Code: BC-17A, BC-2B Water present year-round: Yes ☒ No ☐ Are salmonids present in the adjacent water resource? Yes ☐ No ☒ Is the water resource listed for temperature on DEQ's 303(d) list: Yes ☐ No ☒						
Within FEMA-mapped 10	00-year floodplain:	Yes 🗆	No	×		
Mapped soil series:	1	Wapato silty clay loai	n			
Adjacent Land Uses? (Che Agriculture: ☐ Commercial/Indus.: ☐ Residential: ⊠	ck as many as needed) Roads: Undeveloped: Forestry:	×				
Woody ve	getation			vegetation	-	
(trees, shrubs, v	ines >1 meter)			s, vines <1 meter	:)	
Fraxinus latifolia	S SC 17 OLDOV V N	Phalaris arundinace	ea			
Rubus discolor	me v	Rubus discolor		-		
Symphoricarpos albus Quercus garryana		Galium aparine Hedera helix	200			
Quercus garryana		Tredera neux				

Impatiens sp.

Tellima grandiflora

Polystichum munitum

1 meter = 3.2 feet

Amelanchier alnifolia

Oemleria cerasiformis

Physocarpus capitatus

Average slope in the riparian area: (Question 1)
<10:1 (10%) \boxtimes Between 10:1 (10%) and 5:1 (20%) \square >5:1 (20%) \square
Extent of impervious surface within the riparian area. (Question 4)
<10% 🗵 10% - 25% 🗆 >25% 🗅
Is the reach constricted by man-made features? (Question 8)
Yes □ No ⊠
Does the orientation of the riparian area allow for shading of the water resource at midday in summer? (Question 9)
Yes ⊠ No □
Dominant vegetation layer within riparian area? (Question 10)
Woody vegetation ☑ Herbaceous vegetation □ Bare ground □
Does woody vegetation hang over the edge of the water? (Questions 11 & 14)
Yes ⊠ No □
Large woody debris in riparian area? (Question 15)
Yes ⊠ No □
Percent of water resource bordered by vegetated riparian area at least 30 feet wide? (Question 16)
>40% × 10% - 40% C <10% C
Degree of development or human caused disturbance. (Question 19)
<25% ⊠ 25% - 75% □ >75% □
How does the NRCS soil survey rank water erosion hazard of the dominant mapped unit in the Riparian Area? (Question 5)
low, slight moderate high, very high, severe
What is the dominant vegetation at the top of bank (if defined) or edge of water resource? (Question 3)
Woody vegetation ☑ Herbaceous vegetation □ Bare ground □
Are there flood prone areas (adjacent flat areas, depressions, swales, FEMA mapped 100-year floodplain, etc.) beyond the top of bank or edge of the water resource? (Question 6)
Yes ⊠ No □
Is woody vegetation (trees, shrubs, vines) greater than 1 meter (3.2 feet) high dominant in the flood prone riparian area?
Yes ☒ No or no flood prone area present ☒
How many vegetation layers (i.e. canopy, mid-story, groundcover) are present?
More than 2 ⊠ 2 layers □ 1 layer or unvegetated □

Riparian Width Determination



City of Molalla Riparian Inventory

RIPARIAN CODE

R-BC-5R

Date:	5/1/0	lnv	estigators:	SE/PF	er
Dominant tree	species: _	Fraxinus le	atifolia	(see other side for list of species)
Potential tree b	eight (PTH)/Width of riparia	n area :	75 / 50-75	feet
DTII determine		(Width measured horizo	ontally from edge of	water resource)	
PTH determine On-site	ed by: vegetation	⊠ Ref	erence site 🛚	Code	
Comments: south of Industr		extends from Ona R	oad to west of M	Iolalla Forest Road,	
Typical Cross S	Section:				
The state of the s		The same of the sa	Alberta Cook	Z-LWO	XXXX



City of Molalla Riparian Inventory

WATER QUALITY

RIPARIAN CODE

R-BC-5R

1. What is the average slope in the riparian area?	740	Score
a. Less than 10:1 (10%)	3 pts	
b. Between 10:1 (10%) and 5:1 (20%)	0 - 1 - 11	3
c. Greater than 5:1 (20%)	11	
5. 7		
2. What is the dominant vegetation cover in the riparian area?	1	
a. Woody vegetation (trees, shrubs, vines) greater than 1 meter (3.2 feet) high	3 pts	
b. Herbaceous vegetation or woody vegetation less than 1 meter (3.2 feet) high	2 pts	3
c. Bare ground	1 pt	
3. What is the dominant vegetation at the top of bank (if defined)	- 1	
or edge of water resource?		
a. Woody vegetation (trees, shrubs, vines) greater than 1 meter (3.2 feet) high	3 pts	
b. Herbaceous vegetation or woody vegetation less than 1 meter (3.2 feet) high	2 pts	3
	-	
c. Bare ground	' P'	
4. What is the extent of impervious surfaces within the riparian area?		
1000	3 pts	
1. D. 100/ 100/	2 pts	3
0.000	-	
c. Greater than 25%	1 pt	
5. How does the Natural Resources Conservation Service (formerly		
50° - 10 (100° - 100°		
Soil Conservation Service) soil survey rank the water erosion hazard		
of the dominant mapped unit in the riparian area? Select the highest		
water erosion hazard description if more than one is listed.		•
a. Low, slight, moderate	2 pts	2
b. High, severe, very high	1 pts	
Tota	l Points:	14

Function: High (12-14 pts) Medium (8-11 pts) Low (5-7 pts)

FUNCTION IS:



City of Molalla Riparian Inventory

FLOOD MANAGEMENT

RIPARIAN CODE

R-BC-5R

	d prone areas (adjacent fla ear floodplain, etc.) beyond		AND THE RESIDENCE OF THE PROPERTY OF THE PROPE	Score
water resource a. Yes b. No				3
	tation (trees, shrubs, vines)		3.2 feet) high	
a. Yes	ne flood prone riparian are	a?	3 pts	3
b. No or no flo	ood prone area present		1 pt	
	or water resource constricte	5-15-1-15-15-15-15-15-15-15-15-15-15-15-	·es	
a. No	tion, riprap, concrete wall)?	3 pts	3
b. Yes			(2) 보고 제상하는 '하면 요요!' '' 제상기는 제상기는 제상기로 남아당시 제상에 제상지는 해당시 되어 되어 있다. 보고 때문에 있다	
			Total Points:	9
Function: Hi	gh (8-9 pts) Medium (5	5-7 pts) Low (3-4 pt	ts)	
			FUNCTION IS:	HIGH .



City of Molalla Riparian Inventory

THERMAL REGULATION

RIPARIAN CODE

R-BC-5R

HIGH

FUNCTION IS:

9.	Does the aspect or orientation of the riparian area allow for shading of water at midday in the summer?			
	a. Yes	3 pts	3	
	b. No	44		
10.	. What is the dominant vegetation layer in the riparian area?			
	a. Woody vegetation (trees, shrubs, vines) greater than 1 meter (3.2 feet) high	3 pts		
	b. Herbaceous vegetation or woody vegetation less than 1 meter (3.2 feet) high	2 pts	3	
	c. Bare ground	1 pt		
11.	. Does woody vegetation hang over the edge of the water?			
	a. Yes	2 pts	2	
	b. No			
		Total Points:	8	
Fu	unction: High (7-8 pts) Medium (5-6 pts) Low (3-4 pts)			



City of Molalla Riparian Inventory

WILDLIFE HABITAT

RIPARIAN CODE

R-BC-5R

12. How many vegetation layers (i.e. canopy, mid-story, groundcover) are present?		Score
a. More than 2 layers	3 pts	
b. 2 layers	_	3
c. 1 layer, or unvegetated	4	
13. What is the dominant vegetation layer in the riparian area?		
a. Woody vegetation (trees, shrubs, vines) greater than 1 meter (3.2 feet) high	3 pts	
b. Herbaceous vegetation or woody vegetation less than 1 meter (3.2 feet) high	2 pts	3
a Para ground	1	
c. Bare ground		
14. Does woody vegetation hang over the edge of the water?		
	2 pts	2
a. Yes b. No		
0. NO	1 pt	
15. Is large woody debris present within the riparian area?	2847 - 124	
a. Yes	3 pts	3
b. No	1 pt	
16. What percent of the water resource edge is bordered by a vegetated riparian	*	
area at least 30 feet wide?		
a. Greater than 40%	3 pts	
b. Between 10% and 40%	2 -1-1	3
c. Less than 10%	'	\
	- 1	I

Questions continued on next page



City of Molalla Riparian Inventory

WILDLIFE HABITAT (continued)

RIPARIAN CODE

R-BC-5R

17. Is surface water present throughout the year?	1950	Score
a. Yes	3 pts	
b. No	1 pt	3
18. Is there more than one type of water resource (e.g. stream, wetland, lake/pond)		
within or immediately adjacent to the riparian reach?	1	
a. Yes	3 pts	1
b. No	1 pt	
19. What is the degree of development or human-caused disturbance (e.g. building	s,	
impervious surfaces, lawns, agriculture, trash) in the riparian area?	1	
a. Less than 25%	3 pts	
b. Between 25% and 75%	2 pts	3
c. Greater than 75%	1 pt	
	Fotal Points:	21

Function: High (19-23 pts) Medium (13-18 pts) Low (8-12 pts)

FUNCTION IS:

Riparian Characterization Form



City of Molalla Riparian Inventory

GENERAL INFORMAT	TION					
Date:	5/1/01	Riparian Code:		R-BC-6L		
On-site: ⊠	Off-Site: □	Reach Length:		1325'		
Investigators:	SE/PF	Hydrologic Basin:		Bear Creek		
WATER RESOURCE II	NFORMATION					
Water Resource:	Stream/River: x Lake/Pond: Wetland: BC-17B	Width: Width:		feet feet feet		
Water present year-	Water present year-round: Yes □ No ☒ Are salmonids present in the adjacent water resource? Yes □ No ☒					
	e listed for temperature on DE		Yes		No ⊠	
is the water resource	e listed for temperature on DE	.Q \$ 505(d) list.	1 05		110 🖾	
Within FEMA-map	ped 100-year floodplain:	Yes 🗆	No	X		
Mapped soil series:		Wapato silty clay loan	m			
Adjacent Land Uses	? (Check as many as needed)					
Agriculture:						
Commercial/Indus.:						
Residential:	⊠ Forestry:	: 🗆				
Woo	ody vegetation	He	rbaceous	vegetation		
	rubs, vines >1 meter)			s, vines <1 met	er)	
Fraxinus latifolia Phalaris arundinacea						
Populus trichocarpa		Epilobium watsonii				
Symphoricarpos albu.	S	Lamium purpureum				
Rubus discolor		Rumex crispus				
Pseudotsuga menzies	ii	Rubus discolor				
Quercus garryana		Conium maculatum				

1 meter = 3.2 feet

Crataegus monogyna

Average slope in the riparian area: (Question 1)				
<10:1 (10%) \boxtimes Between 10:1 (10%) and 5:1 (20%) \square >5:1 (20%) \square				
Extent of impervious surface within the riparian area. (Question 4)				
<10% 🗵 10% - 25% 🗆 >25% 🗅				
Is the reach constricted by man-made features? (Question 8)				
Yes □ No ⊠				
Does the orientation of the riparian area allow for shading of the water $\ \ resource\ at\ midday\ in\ summer?\ (Question\ 9)$				
Yes ⊠ No-□				
Dominant vegetation layer within riparian area? (Question 10)				
Woody vegetation ⊠ Herbaceous vegetation □ Bare ground □				
Does woody vegetation hang over the edge of the water? (Questions 11 & 14)				
Yes ⊠ No □				
Large woody debris in riparian area? (Question 15)				
Yes ⊠ No □				
Percent of water resource bordered by vegetated riparian area at least 30 feet wide? (Question 16)				
>40% \(\overline{\Sigma}\) \(\overline{10\%}\) - 40\% \(\overline{\Overline{10\%}}\) \(\overline{10\%}\) \(\overline{\Overline{10\%}}\)				
Degree of development or human caused disturbance. (Question 19)				
<25% ⊠ 25% - 75% □ >75% □				
How does the NRCS soil survey rank water erosion hazard of the dominant mapped unit in the Riparian Area? (Question 5)				
low, slight moderate high, very high, severe				
What is the dominant vegetation at the top of bank (if defined) or edge of water resource? (Question 3				
Woody vegetation ☐ Herbaceous vegetation ☐ Bare ground ☐				
Are there flood prone areas (adjacent flat areas, depressions, swales, FEMA mapped 100-year floodplain, etc.) beyond the top of bank or edge of the water resource? (Question 6)				
Yes ⊠ No □				
Is woody vegetation (trees, shrubs, vines) greater than 1 meter (3.2 feet) high dominant in the flood prone riparian area?				
Yes ⊠ No or no flood prone area present ⊠				
How many vegetation layers (i.e. canopy, mid-story, groundcover) are present?				
More than 2 □ 2 layers ⊠ 1 layer or unvegetated □				

Riparian Width Determination



City of Molalla Riparian Inventory

RIPARIAN CODE

R-BC-6L

Date:	5/1/01	Investigators:	SE/PF	
Dominant tree	species:	Fraxinus latifolia	(see other side for list of species)
Potential tree	height (PTH)/Wid	th of riparian area :	75 / 50	feet
		measured horizontally from edge	of water resource)	
PTH determin		Defenence site F	1 Codo	
On-site	vegetation 🗵	Reference site	Code	
Comments:	North of Low	e Road to Ona Road. Shrub	layer dominated by Rubus Di	scolor,
left side more	encroachment by h	orse pasture and residential.	Two stone weirs	
with 6 to 12 inc	ch drops in this read	ch.		
i mention de				
Typical Cross	Section:			
3	~~~	travinus latifolia	, rugs	~~
3	5	5	3	
-mm	Manual Land		many 12/3/141	
		Bear Greek	Rubus	discelar



City of Molalla Riparian Inventory

WATER QUALITY

RIPARIAN CODE

R-BC-6L

1. What is the average slope in the riparian area?		Score
a. Less than 10:1 (10%)	3 pts	
b. Between 10:1 (10%) and 5:1 (20%)	2 nto	3
c. Greater than 5:1 (20%)	4 -4	
2. What is the dominant vegetation cover in the riparian area?		
a. Woody vegetation (trees, shrubs, vines) greater than 1 meter (3.2 feet) high	3 pts	
b. Herbaceous vegetation or woody vegetation less than 1 meter (3.2 feet) high	2 pts	3
c. Bare ground	1 pt	
3. What is the dominant vegetation at the top of bank (if defined)		
or edge of water resource?		
a. Woody vegetation (trees, shrubs, vines) greater than 1 meter (3.2 feet) high	3 pts	
b. Herbaceous vegetation or woody vegetation less than 1 meter (3.2 feet) high	2 pts	3
c. Bare ground	1 pt	
4. What is the extent of impervious surfaces within the riparian area?		
a. Less than 10%	3 pts	
b. Between 10% and 25%	2 nte	3
c. Greater than 25%	4 -4	
5. How does the Natural Resources Conservation Service (formerly		
Soil Conservation Service) soil survey rank the water erosion hazard		
of the dominant mapped unit in the riparian area? Select the highest		
water erosion hazard description if more than one is listed.	1	
a Low slight moderate	2 pts	2
b. High, severe, very high	1 oto -	
	Total Points:	14

Function: High (12-14 pts) Medium (8-11 pts) Low (5-7 pts)

FUNCTION IS:



City of Molalla Riparian Inventory

FLOOD MANAGEMENT

RIPARIAN CODE

R-BC-6L

	THE STATE OF THE S		epressions, swales, FEMA		Score
mapped	100-year floodplain	, etc.) beyond the top	of bank or edge of the		
water re	source?				
a. Yes				3 pts	3
b. No					N Control of the Cont
7. Is woody	vegetation (trees, s	hrubs, vines) greater (than 1 meter (3.2 feet) high		
dominan	t in the flood prone	riparian area?			
a. Yes				3 pts	3
b. No or	no flood prone area			1 pt	11
8. Is the str	eam or water resou	rce constricted by ma	n-made features		
(e.g. chan	nelization, riprap,	concrete wall)?			
a. No				3 pts	3
b. Yes					
			Total	Points:	9
					24. 10. 2
Function:	High (8-9 pts)	Medium (5-7 pts)	Low (3-4 pts)		
			FUNCTI	ON IS:	HIGH



City of Molalla Riparian Inventory

THERMAL REGULATION

RIPARIAN CODE

R-BC-6L

FUNCTION IS:

9.	Does the aspect or orientation of the riparian area allow for shading of water		Score
	at midday in the summer?	1122	
	a. Yes	3 pts	3
	b. No		
10.	What is the dominant vegetation layer in the riparian area?	19	
	a. Woody vegetation (trees, shrubs, vines) greater than 1 meter (3.2 feet) high	3 pts	
	b. Herbaceous vegetation or woody vegetation less than 1 meter (3.2 feet) high	2 pts	3
	c. Bare ground	1 pt	
11.	Does woody vegetation hang over the edge of the water? a. Yes	2 pts	2
	a. Yes b. No		2
		al Points:	8
Fu	nction: High (7-8 pts) Medium (5-6 pts) Low (3-4 pts)	-	



City of Molalla Riparian Inventory

WILDLIFE HABITAT

RIPARIAN CODE

R-BC-6L

12. How many vegetation layers (i.e. canopy, mid-story, groundcover) are present?		Score
a. More than 2 layers	3 pts	
b. 2 layers	0 -1-	2
c. 1 layer, or unvegetated	Q 3314.11	3 2
13. What is the dominant vegetation layer in the riparian area?		
a. Woody vegetation (trees, shrubs, vines) greater than 1 meter (3.2 feet) high	3 pts	
b. Herbaceous vegetation or woody vegetation less than 1 meter (3.2 feet) high	2 pts	3
c. Bare ground	1 pt	· · · · · · · · · · · · · · · · · · ·
14. Does woody vegetation hang over the edge of the water? a. Yes b. No 15. Is large woody debris present within the riparian area? a. Yes	1 pt	2
b. No	4 -1	
16. What percent of the water resource edge is bordered by a vegetated riparian area at least 30 feet wide?a. Greater than 40%b. Between 10% and 40%	3 pts	3
c. Less than 10%	1 pt	

Questions continued on next page



City of Molalla Riparian Inventory

WILDLIFE HABITAT (continued)

RIPARIAN CODE

R-BC-6L

17. Is surface water present throughout the year?	700	Score
a. Yes	3 pts	
b. No	1 pt	1
18. Is there more than one type of water resource (e.g. stream, wetland, lake/pond) within or immediately adjacent to the riparian reach?	7	
a. Yes	3 pts	1
b. No	1 pt	F#3
19. What is the degree of development or human-caused disturbance (e.g. buildings impervious surfaces, lawns, agriculture, trash) in the riparian area?		
a. Less than 25%	3 pts	
b. Between 25% and 75%	2 pts	3
c. Greater than 75%	1 pt	
\mathbf{T}	otal Points:	18

Function: High (19-23 pts) Medium (13-18 pts) Low (8-12 pts)

FUNCTION IS:

MEDIUM

Riparian Characterization Form



City of Molalla Riparian Inventory

GENERAL INFORMATION					
Date:	5/1/01	Riparian Code:	R-	BC-6R	
On-site: ⊠ Off-	Site:	Reach Length:	1	325'	
Investigators:	SE/PF	Hydrologic Basin:	Bea	r Creek	
WATER RESOURCE INFOR	MATION				
	ream/River: x Lake/Pond: Wetland:	Width: Width:		feet feet feet	
LWI Wetland Code: Water present year-round	1, 1,000	<u> </u>			
Are salmonids present in	the adjacent water resou	rce? Yes		No 🗵	
Is the water resource liste	ed for temperature on DE	Q's 303(d) list:	Yes 🗆		No 🗵
Within FEMA-mapped 1	00-year floodplain:	Yes 🗆	No 🗵		
Mapped soil series:		Wapato silty clay loa	m		
Adjacent Land Uses? (Che	eck as many as needed)				
Agriculture: ⊠	Roads:				
Commercial/Indus.:	Undeveloped:				
Residential:	Forestry:				
Woody v	egetation	Не	rbaceous vege	etation	-
(trees, shrubs, v	0		ees, shrubs, vi)
Fraxinus latifolia	· · · · · · · · · · · · · · · · · · ·	Phalaris arundinace		· · · · · · · · · · · · · · · · · · ·	
Populus trichocarpa		Epilobium watsonii			
Symphoricarpos albus		Lamium purpureum			
Rubus discolor		Rumex crispus			
Pseudotsuga menziesii		Rubus discolor			
Ouercus garryana		Conjum maculatum			

Average slope in the riparian area: (Question 1)
<10:1 (10%) Between 10:1 (10%) and 5:1 (20%) >5:1 (20%)
Extent of impervious surface within the riparian area. (Question 4)
<10% 区 10% - 25% □ >25% □
Is the reach constricted by man-made features? (Question 8)
Yes □ No ⊠
Does the orientation of the riparian area allow for shading of the water resource at midday in summer? (Question 9)
Yes ⊠ No □
Dominant vegetation layer within riparian area? (Question 10)
Woody vegetation ☑ Herbaceous vegetation □ Bare ground □
Does woody vegetation hang over the edge of the water? (Questions 11 & 14)
Yes ⊠ No □
Large woody debris in riparian area? (Question 15)
Yes ⊠ No □
Percent of water resource bordered by vegetated riparian area at least 30 feet wide? (Question 16)
>40% × 10% - 40% C
Degree of development or human caused disturbance. (Question 19)
<25% × 25% - 75% □ >75% □
How does the NRCS soil survey rank water erosion hazard of the dominant mapped unit in the Riparian Area? (Question 5)
low, slight moderate
What is the dominant vegetation at the top of bank (if defined) or edge of water resource? (Question 3
Woody vegetation ☑ Herbaceous vegetation □ Bare ground □
Are there flood prone areas (adjacent flat areas, depressions, swales, FEMA mapped 100-year floodplain, etc.) beyond the top of bank or edge of the water resource? (Question 6)
Yes ⊠ No □
Is woody vegetation (trees, shrubs, vines) greater than 1 meter (3.2 feet) high dominant in the flood prone riparian area?
Yes ⊠ No or no flood prone area present ⊠
How many vegetation layers (i.e. canopy, mid-story, groundcover) are present?
More than 2 ⊠ 2 layers □ 1 layer or unvegetated □

Riparian Width Determination



City of Molalla Riparian Inventory

RIPARIAN CODE

R-BC-6R

Date:	5/1/	/01 Investigators	SE/PF	-
Dominant tree	species:	Fraxinus latifolia	(see other side for list of species	s)
Potential tree h	eight (PTI	H)/Width of riparian area: (Width measured horizontally from	75 / 75 edge of water resource)	feet
PTH determine On-site v	ed by: regetation	⊠ Reference sit	e 🗆 Code	
	ubus Disco	of Lowe Road to Ona Road. Sholor, left side more encroachment ch drops in this reach.	nrub layer nt by horse pasture and residential	. Two
Typical Cross S	ection:			
- MAN		Francinus Jahfolia Bear Gree	Rubus	hiscolar



City of Molalla Riparian Inventory

WATER QUALITY

RIPARIAN CODE

R-BC-6R

1. What is the average slope in the riparian area?		Score
a. Less than 10:1 (10%)	3 pts	
b. Between 10:1 (10%) and 5:1 (20%)		3
c. Greater than 5:1 (20%)	4 - 4	
2. What is the dominant vegetation cover in the riparian area?		
a. Woody vegetation (trees, shrubs, vines) greater than 1 meter (3.2 feet) high	3 pts	2
b. Herbaceous vegetation or woody vegetation less than 1 meter (3.2 feet) high		3
c. Bare ground	1 pt	
3. What is the dominant vegetation at the top of bank (if defined)		
or edge of water resource?		
a. Woody vegetation (trees, shrubs, vines) greater than 1 meter (3.2 feet) high	3 pts	
b. Herbaceous vegetation or woody vegetation less than 1 meter (3.2 feet) high	2 pts	3
c. Bare ground	1 pt	
4. What is the extent of impervious surfaces within the riparian area?		
a. Less than 10%	3 pts	
b. Between 10% and 25%	0 1 1	3
c. Greater than 25%	2	
5. How does the Natural Resources Conservation Service (formerly		
Soil Conservation Service) soil survey rank the water erosion hazard		
of the dominant mapped unit in the riparian area? Select the highest		
water erosion hazard description if more than one is listed.		
Table 18: La	2 pts	2
b. High, severe, very high	4 -4-	
	, "	
	Total Points:	14

Function:

High (12-14 pts) Medium (8-11 pts) Low (5-7 pts)

FUNCTION IS:



City of Molalla Riparian Inventory

FLOOD MANAGEMENT

RIPARIAN CODE

R-BC-6R

FUNCTION IS:

6. Are there flood prone areas (adjacent flat areas, depressio mapped 100-year floodplain, etc.) beyond the top of bank		Score
water resource? a. Yes	3 pts	3
b. No		**************************************
7. Is woody vegetation (trees, shrubs, vines) greater than 1 m dominant in the flood prone riparian area?	eter (3.2 feet) high	
a. Yes	3 pts	3
	1 pt	
8. Is the stream or water resource constricted by man-made (e.g. channelization, riprap, concrete wall)?	features	
a. No	3 pts	3
b. Yes		
	Total Points:	9
Function: High (8-9 pts) Medium (5-7 pts) Low (3-4 pts)	



City of Molalla Riparian Inventory

THERMAL REGULATION

RIPARIAN CODE

R-BC-6R

FUNCTION IS:

9.	Does the aspect or orientation of the riparian area allow for shading of water at midday in the summer?		Score
	a. Yes	3 pts	3
	b. No		
10.	What is the dominant vegetation layer in the riparian area?		
	a. Woody vegetation (trees, shrubs, vines) greater than 1 meter (3.2 feet) high	3 pts	
	b. Herbaceous vegetation or woody vegetation less than 1 meter (3.2 feet) high	2 pts	3
	c. Bare ground	1 pt	
11.	Does woody vegetation hang over the edge of the water?		
	a. Yes	2 pts	2
	b. No		
		Total Points:	8
Fu	nction: High (7-8 pts) Medium (5-6 pts) Low (3-4 pts)		



City of Molalla Riparian Inventory

WILDLIFE HABITAT

RIPARIAN CODE

R-BC-6R

12. How many vegetation layers (i.e. canop	y, mid-story, groundcover) are present?	Score
a. More than 2 layers	3 pts	
b. 2 layers	2 pts	3
c. 1 layer, or unvegetated	1 pt	
13. What is the dominant vegetation layer		
 a. Woody vegetation (trees, shrubs, vine 	s) greater than 1 meter (3.2 feet) high 3 pts	
 b. Herbaceous vegetation or woody veget 	etation less than 1 meter (3.2 feet) high 2 pts	3
c. Bare ground	1 pt	
14. Does woody vegetation hang over the ed	dge of the water?	
a. Yes	2 pts	2
h Ma	1 pt	
15. Is large woody debris present within th	e riparian area?	
a. Yes	3 pts	3
	1 pt	
16. What percent of the water resource edg	ge is bordered by a vegetated riparian	
area at least 30 feet wide?	,	
a Greater than 100%	3 pts	
h Potygen 100/ and 400/	2 nto	3
c. Less than 10%	1 nt	
C. Less than 1070		
	ı	

Questions continued on next page



City of Molalla Riparian Inventory

WILDLIFE HABITAT (continued)

RIPARIAN CODE

R-BC-6R

17.	Is surface water	r present throughout the year?		Score
	a. Yes		3 pts	
	b. No		1 pt _	1
18.	Is there more th	nan one type of water resource (e.g. stream, wetland, lake/pond)		
	within or imme	diately adjacent to the riparian reach?		
	a. Yes		3 pts	1
	b. No		1 pt	
19.	What is the deg	ree of development or human-caused disturbance (e.g. building	s,	
	impervious su	rfaces, lawns, agriculture, trash) in the riparian area?	1	
	a. Less than 25	%	3 pts	
	b. Between 25%		2 ata	3
	c. Greater than		1 pt	
	*	,	Cotal Points:	19

Function: High (19-23 pts) Medium (13-18 pts) Low (8-12 pts)

FUNCTION IS:

Riparian Characterization Form



City of Molalla Riparian Inventory

GENERAL INFORMAT	TION						
Date:	5/1/01	Riparia	n Code:	R-B	BC-7L		
On-site: ⊠	Off-Site: □	Reach L	ength:	8	325		
Investigators:	PF/SE	Hydrolo	gic Basin:	Bear	Creek		6
WATER RESOURCE II	NFORMATION						
Water Resource:	Stream/River: x Lake/Pond: Wetland: BC-19	Width: Width: Width:	8' av	g. (4-10')	feet feet feet		
Water present year-	1202-20	rce?	Yes □	I	No ⊠		
Is the water resource	e listed for temperature on DE	Q's 303(c	d) list:	Yes □		No	X
Within FEMA-mapp	oed 100-year floodplain:	Yes		No ⊠			
Mapped soil series:		Dayton	silt loam				
Adjacent Land Uses	? (Check as many as needed)						
Agriculture: Commercial/Indus.: Residential:	□ Undeveloped:	\boxtimes					
Woo	dy vegetation		Herb	aceous veget	tation		
	rubs, vines >1 meter)			s, shrubs, vin	es <1 meter	:)	
Fraxinus latifolia		312, PC 3235 FC 5000000 15 C 250	dulcamara				
Pseudotsuga menziesi	i		arundinacea				
Acer circinatum		Galium a					
Symphoricarpos albus	3	Rubus di.	scolor				
Rubus discolor							
Salix sp.		I					

Crataegus monogyna

Average slope in the riparian area: (Question 1)
<10:1 (10%) \square Between 10:1 (10%) and 5:1 (20%) \boxtimes >5:1 (20%) \square
Extent of impervious surface within the riparian area. (Question 4)
<10% 🗵 10% - 25% 🗆 >25% 🗖
Is the reach constricted by man-made features? (Question 8)
Yes □ No ⊠
Does the orientation of the riparian area allow for shading of the water resource at midday in summer? (Question 9)
Yes ⊠ No □
Dominant vegetation layer within riparian area? (Question 10)
Woody vegetation ☐ Herbaceous vegetation ☐ Bare ground ☐
Does woody vegetation hang over the edge of the water? (Questions 11 & 14)
Yes ⊠ No □
Large woody debris in riparian area? (Question 15)
Yes ⊠ No □
Percent of water resource bordered by vegetated riparian area at least 30 feet wide? (Question 16)
>40% × 10% - 40% C <10% C
Degree of development or human caused disturbance. (Question 19)
<25% ☒ 25% - 75% □ >75% □
How does the NRCS soil survey rank water erosion hazard of the dominant mapped unit in the Riparian Area? (Question 5)
low, slight moderate
What is the dominant vegetation at the top of bank (if defined) or edge of water resource? (Question 3
Woody vegetation ☑ Herbaceous vegetation □ Bare ground □
Are there flood prone areas (adjacent flat areas, depressions, swales, FEMA mapped 100-year floodplain, etc.) beyond the top of bank or edge of the water resource? (Question 6)
Yes ⊠ No □
Is woody vegetation (trees, shrubs, vines) greater than 1 meter (3.2 feet) high dominant in the flood prone riparian area?
Yes ⊠ No or no flood prone area present □
How many vegetation layers (i.e. canopy, mid-story, groundcover) are present?
More than 2 ⊠ 2 layers □ 1 layer or unvegetated □

Riparian Width Determination



City of Molalla Riparian Inventory

RIPARIAN CODE

R-BC-7L

Date:	5/1/01	Investigators:	PF/SE	
Dominant tree spec	ies:	Fraxinus latifolius	(see other side for list of species)
Potential tree heigh	t (PTH)/Width	of riparian area :	75 / 50-75	feet
	Walter Control of the Control	easured horizontally from edge	of water resource)	
PTH determined by On-site veget		Reference site	Code	
Comments:	Characterization	n performed from private of	drive over Bear Creek, east of	
			not as wide on both sides of cr	
Typical Cross Section	on:			
	5~~			
5				
Molella 5) ~		
Forest Rd.		<u> </u>		
		量の		
	A B	重り) ــ (2
	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	重 ~	2 Vg	2
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		W_	4454	کرہ
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P.			Book (week	



City of Molalla Riparian Inventory

WATER QUALITY

RIPARIAN CODE

R-BC-7L

1. What is the average slope in the riparian area?		Score
a. Less than 10:1 (10%)	3 pts	
b. Between 10:1 (10%) and 5:1 (20%)		2
c. Greater than 5:1 (20%)	4 -4	
2. What is the dominant vegetation cover in the riparian area?		
a. Woody vegetation (trees, shrubs, vines) greater than 1 meter (3.2 feet) high	3 pts	
b. Herbaceous vegetation or woody vegetation less than 1 meter (3.2 feet) high	2 pts	3
c. Bare ground	1 pt	.8
3. What is the dominant vegetation at the top of bank (if defined)		
or edge of water resource?		
a. Woody vegetation (trees, shrubs, vines) greater than 1 meter (3.2 feet) high	3 pts	
b. Herbaceous vegetation or woody vegetation less than 1 meter (3.2 feet) high	2 pts	3
c. Bare ground	1 nt	
4. What is the extent of impervious surfaces within the riparian area?		
a. Less than 10%	3 pts	
b. Between 10% and 25%		3
c. Greater than 25%	4.00	
5. How does the Natural Resources Conservation Service (formerly		
Soil Conservation Service) soil survey rank the water erosion hazard		
of the dominant mapped unit in the riparian area? Select the highest		
water erosion hazard description if more than one is listed.		
a. Low, slight, moderate	2 pts	1
b. High, severe, very high	4 -4-1	
	Total Points:	12

Function: High (12-14 pts) Medium (8-11 pts) Low (5-7 pts)

FUNCTION IS:

HICH



City of Molalla Riparian Inventory

FLOOD MANAGEMENT

RIPARIAN CODE

R-BC-7L

6. Are there	e flood prone areas (adjacent flat areas, depressions, swales, FEMA	Score
mapped	100-year floodplain, etc.) beyond the top of bank or edge of the	
water res	source?	
a. Yes	3 r	ots 3
b. No	1 p	ot
7. Is woody	vegetation (trees, shrubs, vines) greater than 1 meter (3.2 feet) high	4
dominan	t in the flood prone riparian area?	1
a. Yes	3 p	ots 3
b. No or	no flood prone area present	ot
8. Is the str	eam or water resource constricted by man-made features	
(e.g. chan	nelization, riprap, concrete wall)?	1
a. No	3 p	ots 3
b. Yes	1 p	its
	Total Poin	ts: 9

Function:	High (8-9 pts) Medium (5-7 pts) Low (3-4 pts)	
	FUNCTION	IS: HIGH



City of Molalla Riparian Inventory

THERMAL REGULATION

RIPARIAN CODE

R-BC-7L

HIGH

FUNCTION IS:

9.	Does the aspect or orientation of the riparian area allow for shading of water		Score
	at midday in the summer? a. Yes	3 pts	3
	b. No	4 -4	
10.	What is the dominant vegetation layer in the riparian area?		
	a. Woody vegetation (trees, shrubs, vines) greater than 1 meter (3.2 feet) high	3 pts	
	b. Herbaceous vegetation or woody vegetation less than 1 meter (3.2 feet) high	2 pts	3
	c. Bare ground	1 pt	
11.	Does woody vegetation hang over the edge of the water?		
	a. Yes	2 pts	2
	b. No		
		1	
	יי	Total Points:	8
Fu	nction: High (7-8 pts) Medium (5-6 pts) Low (3-4 pts)		
			for approvate variety and a



City of Molalla Riparian Inventory

WILDLIFE HABITAT

RIPARIAN CODE

R-BC-7L

12. How many vegetation layers (i.e. canopy, mid-story, groundcover) are present?		Score
a. More than 2 layers	3 pts	
	2 pts	3
	1 pt	
	ı	
13. What is the dominant vegetation layer in the riparian area?		
a. Woody vegetation (trees, shrubs, vines) greater than 1 meter (3.2 feet) high	3 pts	
b. Herbaceous vegetation or woody vegetation less than 1 meter (3.2 feet) high	2 pts	3
	1 pt	
	1	
14. Does woody vegetation hang over the edge of the water?		
**	2 pts	. 2
h No	1 pt	
0. NO	' Pt	
15. Is large woody debris present within the riparian area?	l	
o Vec	3 pts	3
b. No	1 pt	
	- #	
16. What percent of the water resource edge is bordered by a vegetated riparian	Ï	
area at least 30 feet wide?	l l	
a. Greater than 40%	3 pts	
b. Between 10% and 40%	2 pts	3
c. Less than 10%	1 pt	
설명하는 경험을 하고 함께 보는 것 같은 한 것 보다는 것 같습니다. 그 생각이 되었다고 하는 것 같습니다. 그 같습니다. 그 것 같습니다. 그 것 같습니다. 그 것 같습니다. 그 것 같습	1	

Questions continued on next page



City of Molalla Riparian Inventory

WILDLIFE HABITAT (continued)

RIPARIAN CODE

R-BC-7L

17. Is surface water prese	ent throughout the year?	Score
a. Yes	3 p	ots
b. No	1 p	ot 3
18. Is there more than on	e type of water resource (e.g. stream, wetland, lake/pond)	
within or immediately	y adjacent to the riparian reach?	
a. Yes	3 p	ots 1
b. No	1 p	ot
19. What is the degree of	development or human-caused disturbance (e.g. buildings,	
impervious surfaces,	lawns, agriculture, trash) in the riparian area?	
a. Less than 25%	3 р	its
b. Between 25% and		ts 3
c. Greater than 75%	1 p	ıt
	Total Poin	ts: 21

Function: High (19-23 pts) Medium (13-18 pts) Low (8-12 pts)

FUNCTION IS:

HIGH

Riparian Characterization Form



City of Molalla Riparian Inventory

GENERAL INFORMAT	TON					
A Commence of the Commence of	Line Land and Application Control of					
Date:	5/1/01	Riparian Code:	R-BC-7R			
On-site: ⊠	Off-Site: □	Reach Length:	825'			
Investigators:	PF/SE	Hydrologic Basin	Bear Creek			
WATER RESOURCE IN	VFORMATION					
Water Resource:	Lake/Pond: Wetland:	Width:	8' avg. (4-10') feet feet feet			
LWI Wetland Code:	BC-19					
Water present year-	round: Yes 🗵 No	o 🗆				
Are salmonids prese	Are salmonids present in the adjacent water resource? Yes □ No ⊠					
	Is the water resource listed for temperature on DEQ's 303(d) list: Yes □ No ⊠					
Within FEMA-mapp	ed 100-year floodplain:	Yes 🗆	No ⊠			
Mapped soil series:		Dayton silt loam	1			
Adjacent Land Uses	? (Check as many as needed)		77 200 200 200 200 200 200 200 200 200 2			
Agriculture:						
Commercial/Indus.:	The second secon					
Residential:	⊠ Forestry	: 🗆				
Woody vegetation Herbaceous vegetation						
(trees, shrubs, vines >1 meter)		(include trees, shrubs, vines <1 meter)				
Fraxinus latifolia		Solanum dulcama	ra			
Pseudotsuga menziesi	i	Phalaris arundina	ісеа			
Acer circinatum		Galium aparine				
Symphoricarpos albus		Rubus discolor				
Rubus discolor						
C 1:						

Crataegus monogyna

Average slope in the riparian area: (Question 1)				
<10:1 (10%) \boxtimes Between 10:1 (10%) and 5:1 (20%) \square >5:1 (20%) \square				
Extent of impervious surface within the riparian area. (Question 4)				
<10% ☒ 10% - 25% □ >25% □				
Is the reach constricted by man-made features? (Question 8)				
Yes □ No ⊠				
Does the orientation of the riparian area allow for shading of the water resource at midday in summer? (Question 9)				
Yes ⊠ No □				
Dominant vegetation layer within riparian area? (Question 10)				
Woody vegetation ☐ Herbaceous vegetation ☐ Bare ground ☐				
Does woody vegetation hang over the edge of the water? (Questions 11 & 14)				
Yes ⊠ No □				
Large woody debris in riparian area? (Question 15)				
Yes ⊠ No □				
Percent of water resource bordered by vegetated riparian area at least 30 feet wide? (Question 16)				
>40% 🗵 10% - 40% 🗆 <10% 🗅				
Degree of development or human caused disturbance. (Question 19)				
<25% ⊠ 25% - 75% □ >75% □				
How does the NRCS soil survey rank water erosion hazard of the dominant mapped unit in the Riparian Area? (Question 5)				
low, slight moderate □ high, very high, severe ⊠				
What is the dominant vegetation at the top of bank (if defined) or edge of water resource? (Question 3)				
Woody vegetation ☐ Herbaceous vegetation ☐ Bare ground ☐				
Are there flood prone areas (adjacent flat areas, depressions, swales, FEMA mapped 100-year floodplain, etc.) beyond the top of bank or edge of the water resource? (Question 6)				
Yes ⊠ No □				
Is woody vegetation (trees, shrubs, vines) greater than 1 meter (3.2 feet) high dominant in the flood prone riparian area?				
Yes ⊠ No or no flood prone area present □				
How many vegetation layers (i.e. canopy, mid-story, groundcover) are present?				
More than 2 2 layers □ 1 layer or unvegetated □				

Riparian Width Determination



City of Molalla Riparian Inventory

RIPARIAN CODE

R-BC-7R

Date: 5/1/	/01 Investigators	PF/SE	- 8
Dominant tree species:	Fraxinus latifolius	(see other side for list of species)
Potential tree height (PT)	H)/Width of riparian area :	75 / 75	feet
	(Width measured horizontally from e	edge of water resource)	
PTH determined by: On-site vegetation	⊠ Reference site	e Code	•
		ate drive over Bear Creek, east of	
Iolalla Forest Road. South	heast of this point riparian forest	is not as wide on both sides of co	reek.
		*	1
Typical Cross Section:			
Molella Rovert Rd.			Warner Warner
		Bear Creek	



City of Molalla Riparian Inventory

WATER QUALITY

RIPARIAN CODE

R-BC-7R

1. What is the average slope in the riparian area?	Score
a. Less than 10:1 (10%) 3 pts	
b. Between 10:1 (10%) and 5:1 (20%) 2 pts	3
c. Greater than 5:1 (20%) 1 pt	
2. What is the dominant vegetation cover in the riparian area?	
a. Woody vegetation (trees, shrubs, vines) greater than 1 meter (3.2 feet) high 3 pts	
b. Herbaceous vegetation or woody vegetation less than 1 meter (3.2 feet) high 2 pts	3
c. Bare ground 1 pt	
3. What is the dominant vegetation at the top of bank (if defined)	
or edge of water resource?	
a. Woody vegetation (trees, shrubs, vines) greater than 1 meter (3.2 feet) high 3 pts	*
b. Herbaceous vegetation or woody vegetation less than 1 meter (3.2 feet) high 2 pts	3
a Dana annual	
c. Bare ground	
4. What is the extent of impervious surfaces within the riparian area?	
a. Less than 10% 3 pts	
b. Between 10% and 25% 2 pts	3
c. Greater than 25% 1 pt	
5. How does the Natural Resources Conservation Service (formerly	
Soil Conservation Service) soil survey rank the water erosion hazard	
of the dominant mapped unit in the riparian area? Select the highest	
water erosion hazard description if more than one is listed.	
The state of the s	1
t Wat	
b. High, severe, very high	II.
	12
Total Points:	13

Function: High (12-14 pts) Medium (8-11 pts) Low (5-7 pts)

FUNCTION IS:

HIGH



City of Molalla Riparian Inventory

FLOOD MANAGEMENT

RIPARIAN CODE

R-BC-7R

	47		epressions, swales, FEMA	Score
water resor	- 1860 gray - 1870 - 1870 - 1870 - 1870 - 1870 - 1870 - 1870 - 1870 - 1870 - 1870 - 1870 - 1870 - 1870 - 1870	, etc.) beyond the top (or bank or eage of the	
a. Yes			3 pts	3
b. No			1 pt	
7. Is woody ve	egetation (trees, s	hrubs, vines) greater t	than 1 meter (3.2 feet) high	
dominant i	n the flood prone	riparian area?		1
a. Yes			3 pts	3
b. No or no	o flood prone area		1 pt	
8. Is the stream	m or water resou	rce constricted by ma	n-made features	
(e.g. channe	lization, riprap, o	concrete wall)?		
a. No	******		3 pts	3
b. Yes			1 pts	5
				11
			Total Points	: 9
Function:	High (8-9 pts)	Medium (5-7 pts)	Low (3-4 pts)	
			FUNCTION IS	: HIGH



City of Molalla Riparian Inventory

THERMAL REGULATION

RIPARIAN CODE

R-BC-7R

FUNCTION IS:

9.	at midday in the summer?		Score
	a. Yes	3 pts	3
	b. No	4 - 4	
10.	What is the dominant vegetation layer in the riparian area?		
	a. Woody vegetation (trees, shrubs, vines) greater than 1 meter (3.2 feet) high	3 pts	
	b. Herbaceous vegetation or woody vegetation less than 1 meter (3.2 feet) high	2 pts	3
	c. Bare ground	1 pt	
11.	Does woody vegetation hang over the edge of the water?	1	
	a. Yes	2 pts	2
	b. No	1 pts	
	7	Total Points:	8
Fu	nction: High (7-8 pts) Medium (5-6 pts) Low (3-4 pts)		



City of Molalla Riparian Inventory

WILDLIFE HABITAT

RIPARIAN CODE

R-BC-7R

12. How many vegetation layers (i.e. canol	py, mid-story, groundcover) are present?		Score
a. More than 2 layers		3 pts	
b. 2 layers		0 -4-	3
c. 1 layer, or unvegetated		4 4 11	
13. What is the dominant vegetation layer	in the riparian area?		
a. Woody vegetation (trees, shrubs, vine	es) greater than 1 meter (3.2 feet) high	3 pts	
b. Herbaceous vegetation or woody veg	etation less than 1 meter (3.2 feet) high	2 pts	3
a Para ground		1 nt	
h No	edge of the water?	1 nt	2
15. Is large woody debris present within the		3 pts	3
h Detrygon 100/ and 400/		2 ntc	3
a I ass than 100/		1 nt	3

Questions continued on next page



City of Molalla Riparian Inventory

WILDLIFE HABITAT (continued)

RIPARIAN CODE

R-BC-7R

17. Is surface water present throughout the year?		Score
a. Yes	3 pts	
b. No	1 pt	3
8. Is there more than one type of water resource (e.g. stream, wetland, lake/pond)		
within or immediately adjacent to the riparian reach?		
a. Yes	3 pts	1
b. No	1 pt	
19. What is the degree of development or human-caused disturbance (e.g. buildings,		
impervious surfaces, lawns, agriculture, trash) in the riparian area?		
a. Less than 25%	3 pts	
b. Between 25% and 75%	2 nto	3
c. Greater than 75%	1 pt	
Tota	I Points.	71

Function: High (19-23 pts) Medium (13-18 pts) Low (8-12 pts)

FUNCTION IS:

HIGH

Riparian Characterization Form



City of Molalla Riparian Inventory

GENERAL INFORMATION						
Date: 6/6/01		Riparia	n Code: _	R	-BC-8L	
On-site: 🗵 Off-Site: 🗆	ב	Reach L	ength:		3350'	
Investigators: SE	/PF	Hydrolo	gic Basin:_		ar Creek	
WATER RESOURCE INFORMATION						
Water Resource: Stream/R Lake/P Wetl		Width:		20'	feet	
LWI Wetland Code:	BC-22A, BC-22B					
Water present year-round:	Yes 🗵 No					
Are salmonids present in the adj	acent water resour	rce?	Yes		No 🗵	
Is the water resource listed for te	mperature on DE	Q's 303(d	d) list:	Yes □		No 🗵
Within FEMA-mapped 100-year	floodplain:	Yes		No ⊠	Ì	
Mapped soil series:		Dayton	silt loam			
Adjacent Land Uses? (Check as man	ny as needed)					
Agriculture: ⊠	Roads:					
Commercial/Indus.: □ Residential: ⊠	Undeveloped: Forestry:					
Woody vagatatio	•			hagaans vac	votation.	

Woody vegetation	Herbaceous vegetation
(trees, shrubs, vines >1 meter)	(include trees, shrubs, vines <1 meter)
Pseudotsuga menziesii	Veronica americana
Fraxinus latifolia	Festuca arundinacea
Spiraea douglasii	Holcus lanatus
Populus trichocarpa	Juncus effusus
Crataegus monogyna	Phalaris arundinacea
Rubus discolor	Equisetum arvense
Salix lasiandra	Digitalis purpurpea

Average slope in the riparian area: (Question 1)
<10:1 (10%) \boxtimes Between 10:1 (10%) and 5:1 (20%) \square >5:1 (20%) \square
Extent of impervious surface within the riparian area. (Question 4)
<10% 🗵 10% - 25% 🗆 >25% 🗅
Is the reach constricted by man-made features? (Question 8)
Yes ⊠ No □
Does the orientation of the riparian area allow for shading of the water resource at midday in summer? (Question 9)
Yes ⊠ No □
Dominant vegetation layer within riparian area? (Question 10)
Woody vegetation ⊠ Herbaceous vegetation □ Bare ground □
Does woody vegetation hang over the edge of the water? (Questions 11 & 14)
Yes ⊠ No □
Large woody debris in riparian area? (Question 15)
Yes ⊠ No □
Percent of water resource bordered by vegetated riparian area at least 30 feet wide? (Question 16)
>40% 🗵 10% - 40% 🗆 <10% 🗅
Degree of development or human caused disturbance. (Question 19)
<25% × 25% - 75% × >75% ×
How does the NRCS soil survey rank water erosion hazard of the dominant mapped unit in the Riparian Area? (Question 5)
low, slight moderate high, very high, severe
What is the dominant vegetation at the top of bank (if defined) or edge of water resource? (Question 3)
Woody vegetation ☐ Herbaceous vegetation ☐ Bare ground ☐
Are there flood prone areas (adjacent flat areas, depressions, swales, FEMA mapped 100-year floodplain, etc.) beyond the top of bank or edge of the water resource? (Question 6)
Yes ⊠ No □
Is woody vegetation (trees, shrubs, vines) greater than 1 meter (3.2 feet) high dominant in the flood prone riparian area?
Yes ⊠ No or no flood prone area present □
How many vegetation layers (i.e. canopy, mid-story, groundcover) are present?
More than 2 2 layers □ 1 layer or unvegetated □

Riparian Width Determination



City of Molalla Riparian Inventory

RIPARIAN CODE

R-BC-8L

Date:	6/6/01	Investigators:	SE/PF	
Dominant tre	ee species:	Fraxinus latifolia	(see other side for list of spec	cies)
Potential tree	e height (PTH)/Wid	lth of riparian area :	75 / 25-75	feet
		measured horizontally from edge	of water resource)	
PTH determ On-sit	ined by: te vegetation ⊠	Reference site	Code	
Comments:		stricted by development in luarian zone on the north side.		
		nd of the section. Many little		71031
		lowed by beaver activity. Nu		ımon.
Typical Cros	s Section:			
Industrial	Fill . King	5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	Park Control of the C	discolor Wood debris
	Material Des	Bear Creat	Phalaris	



City of Molalla Riparian Inventory

WATER QUALITY

RIPARIAN CODE

R-BC-8L

1. What is the average slope in the riparian area?		Score
a. Less than 10:1 (10%)	3 pts	
b. Between 10:1 (10%) and 5:1 (20%)	2 -1-	3
c. Greater than 5:1 (20%)	1 nt	
2. What is the dominant vegetation cover in the riparian area?		
a. Woody vegetation (trees, shrubs, vines) greater than 1 meter (3.2 feet) high	3 pts	
b. Herbaceous vegetation or woody vegetation less than 1 meter (3.2 feet) high	2 pts	3
c. Bare ground	1 pt	
3. What is the dominant vegetation at the top of bank (if defined) or edge of water resource?		
a. Woody vegetation (trees, shrubs, vines) greater than 1 meter (3.2 feet) high	3 pts	
b. Herbaceous vegetation or woody vegetation less than 1 meter (3.2 feet) high	2 pts	3
c. Bare ground	1 ot	
4. What is the extent of impervious surfaces within the riparian area?		
a. Less than 10%	3 pts	
b. Between 10% and 25%	2 nto	3
c. Greater than 25%		
5. How does the Natural Resources Conservation Service (formerly		
Soil Conservation Service) soil survey rank the water erosion hazard		
of the dominant mapped unit in the riparian area? Select the highest	1	
water erosion hazard description if more than one is listed.		
Tour clicht and done	2 pts	1
h Wild annual 12.1		
b. High, severe, very high	, p.o.ll	
	Total Points:	13

Function: High (12-14 pts) Medium (8-11 pts) Low (5-7 pts)

FUNCTION IS:

HIGH



City of Molalla Riparian Inventory

FLOOD MANAGEMENT

RIPARIAN CODE

R-BC-8L

MEDIUM

FUNCTION IS:

6. Are there floo	d prone areas (adjacent flat areas, depre	essions, swales, FEMA	Score
mapped 100-y	ear floodplain, etc.) beyond the top of ba	ink or edge of the	
water resourc	?		
a. Yes		3 pts	3
b. No		1 pt	
	-	2	
7. Is woody vege	ation (trees, shrubs, vines) greater than	1 meter (3.2 feet) high	
dominant in t	e flood prone riparian area?	1 200	
a. Yes		3 pts	_ 3
b. No or no flo	ood prone area present	1 pt	
8. Is the stream of	r water resource constricted by man-ma	ade features	let
(e.g. channeliza	tion, riprap, concrete wall)?	1	
a. No		3 pts	1
b. Yes		1 pts	
		Total Points:	7
		-	
Function: Hi	gh (8-9 pts) Medium (5-7 pts) Lo	ow (3-4 pts)	
	Pro (c > bro) Tremmin (c + bro) Tre	(C. F.S)	
		to the second se	folial access (TEXAS) (Station (Section))



City of Molalla Riparian Inventory

THERMAL REGULATION

RIPARIAN CODE

R-BC-8L

9.	Does the aspect or orientation of the riparian area allow for shading of water		Score
	at midday in the summer? a. Yes b. No		3
10.	What is the dominant vegetation layer in the riparian area?		
	a. Woody vegetation (trees, shrubs, vines) greater than 1 meter (3.2 feet) high	3 pts	2
	b. Herbaceous vegetation or woody vegetation less than 1 meter (3.2 feet) high	2 pts	3
	c. Bare ground	1 pt	
11.	Does woody vegetation hang over the edge of the water?		
	a. Yes	2 pts	2
	b. No		
		Total Points:	8
Fu	nction: High (7-8 pts) Medium (5-6 pts) Low (3-4 pts)		

FUNCTION IS:

HIGH



City of Molalla Riparian Inventory

WILDLIFE HABITAT

RIPARIAN CODE

R-BC-8L

12. How many vegetation layers (i.e. canopy, mid-story, groundcover) are present?	Score
a. More than 2 layers 3 pt	s
1. 21	1
c. 1 layer, or unvegetated 1 pt	
and the second s	1
13. What is the dominant vegetation layer in the riparian area?	
a. Woody vegetation (trees, shrubs, vines) greater than 1 meter (3.2 feet) high 3 pt	s
b. Herbaceous vegetation or woody vegetation less than 1 meter (3.2 feet) high 2 pt	s 3
c. Bare ground 1 pt	A
14. Does woody vegetation hang over the edge of the water?	
a. Yes 2 pt	s 2
b. No1 pt	
15. Is large woody debris present within the riparian area?	I
a. Yes 3 pt	s 3
b. No 1 pt	
	1
16. What percent of the water resource edge is bordered by a vegetated riparian	N. Control of the con
area at least 30 feet wide?	
a. Greater than 40% 3 pt	s
b. Between 10% and 40% 2 pt	44
a Less than 100/	
C. Less than 10%	

Questions continued on next page



City of Molalla Riparian Inventory

WILDLIFE HABITAT (continued)

RIPARIAN CODE

R-BC-8L

17. Is surface wate	r present throughout the year?	Score
a. Yes	3	pts
b. No	1	pt3
18. Is there more t	han one type of water resource (e.g. stream, wetland, lake/pond)	
within or imme	ediately adjacent to the riparian reach?	
a. Yes	3	pts 1
b. No		pt
19. What is the deg	ree of development or human-caused disturbance (e.g. buildings,	
impervious su	rfaces, lawns, agriculture, trash) in the riparian area?	-
a. Less than 25	%3	pts
b. Between 259		pts 3
c. Greater than		pt
	Total Poi	nts: 21

Function: High (19-23 pts) Medium (13-18 pts) Low (8-12 pts)

FUNCTION IS:

HIGH

Riparian Characterization Form



City of Molalla Riparian Inventory

GENERAL INFORMAT	TION						
Date:	6/6/01		Riparia	n Code:	R-	BC-8R	
On-site: ⊠	Off-Site: □		Reach I	ength:	2	3350'	
Investigators:	SE/PF		Hydrolo	ogic Basin:_	Bea	r Creek	
WATER RESOURCE IN	NFORMATION						
Water Resource:	Stream/River: Lake/Pond: Wetland:				20'	feet feet feet	
LWI Wetland Code:				=			
Water present year-i Are salmonids present			□ rce?	Yes		No ⊠	
Is the water resource	e listed for temper	rature on DE	Q's 303(d) list:	Yes □		No 🗵
Within FEMA-mapp	oed 100-year floor	dplain:	Yes		No 🗵		
Mapped soil series:			Daytor	n silt loam_			
Adjacent Land Uses	? (Check as many as a	needed)					
Agriculture: Commercial/Indus.: Residential:	\boxtimes U	Roads: Indeveloped: Forestry:					
Woo	dy vegetation				baceous vege		
	(trees, shrubs, vines >1 meter) (include trees, shrubs, vines <1 meter)					·)	
Pseudotsuga menziesi	i			a americana			
Fraxinus latifolia				arundinaced	1		
Spiraea douglasii			Holcus l		-15,000		
Populus trichocarpa			Juncus e				
Crataegus monogyna				arundinace	a		
Rubus discolor			Fauisotu	m arvonce			

Digitalis purpurpea

Average slope in the riparian area: (Question 1)
<10:1 (10%) \square Between 10:1 (10%) and 5:1 (20%) \square >5:1 (20%) \boxtimes
Extent of impervious surface within the riparian area. (Question 4)
<10% □ 10% - 25% ☒ >25% □
Is the reach constricted by man-made features? (Question 8)
Yes ⊠ No □
Does the orientation of the riparian area allow for shading of the water resource at midday in summer? (Question 9)
Yes ⊠ No □
Dominant vegetation layer within riparian area? (Question 10)
Woody vegetation ☐ Herbaceous vegetation ☐ Bare ground ☐
Does woody vegetation hang over the edge of the water? (Questions 11 & 14)
Yes ⊠ No □
Large woody debris in riparian area? (Question 15)
Yes ⊠ No □
Percent of water resource bordered by vegetated riparian area at least 30 feet wide? (Question 16)
>40%
Degree of development or human caused disturbance. (Question 19)
<25% □ 25% - 75% □ >75% ⊠
How does the NRCS soil survey rank water erosion hazard of the dominant mapped unit in the Riparian Area? (Question 5)
low, slight moderate high, very high, severe
What is the dominant vegetation at the top of bank (if defined) or edge of water resource? (Question 3)
Woody vegetation ⊠ Herbaceous vegetation □ Bare ground □
Are there flood prone areas (adjacent flat areas, depressions, swales, FEMA mapped 100-year floodplain, etc.) beyond the top of bank or edge of the water resource? (Question 6)
Yes ⊠ No □
Is woody vegetation (trees, shrubs, vines) greater than 1 meter (3.2 feet) high dominant in the flood prone riparian area?
Yes ⊠ No or no flood prone area present □
How many vegetation layers (i.e. canopy, mid-story, groundcover) are present?
More than 2 □ 2 layers ⊠ 1 layer or unvegetated □

Riparian Width Determination



City of Molalla Riparian Inventory

RIPARIAN CODE

R-BC-8R

Date:	6/6/01	Investigators:	SE/PF	
Dominant tree spec	ies:	Fraxinus latifolia	(see other side for list of sp	pecies)
Potential tree height (PTH)/Width of riparian a		n of riparian area :	75 / 25-75	feet
		easured horizontally from edge	e of water resource)	
PTH determined by On-site veget		Reference site	Code	
				21
The state of the s		ricted by development in l		
		ian zone on the north side		Forest
		of the section. Many litt		
Water flow through t	his reach is slo	wed by beaver activity. N	utria and waterfowl are co	ommon.
	_	لك	P.	bus discolor
	5	}	ſ	20.00
	m 5	}	l r	~3/
Industrial	43 S	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	3 Xr.	Wood Wood
151	Ties -	7/5.	3911123 CT34	debns
Hatere	1 25	19.	My what in	
		Tr.	Phalaris	
		Bear Create	The state of the second section	
		Dear Orac	•	



City of Molalla Riparian Inventory

WATER QUALITY

RIPARIAN CODE

R-BC-8R

1. What is the average slope in the riparian area?		Score
a. Less than 10:1 (10%)	3 pts	
b. Between 10:1 (10%) and 5:1 (20%)	0 -4-	1
c. Greater than 5:1 (20%)	44	!:
2. What is the dominant vegetation cover in the riparian area?	1	
a. Woody vegetation (trees, shrubs, vines) greater than 1 meter (3.2 feet) high	3 pts	
b. Herbaceous vegetation or woody vegetation less than 1 meter (3.2 feet) high	2 pts	3
c. Bare ground	1 pt	
3. What is the dominant vegetation at the top of bank (if defined)		
or edge of water resource?		
a. Woody vegetation (trees, shrubs, vines) greater than 1 meter (3.2 feet) high	3 pts	
b. Herbaceous vegetation or woody vegetation less than 1 meter (3.2 feet) high	2 pts	3
c. Bare ground	1 pt	
		•.
4. What is the extent of impervious surfaces within the riparian area?	1	
a. Less than 10%	3 pts	
b. Between 10% and 25%	2 pts	2
c. Greater than 25%	1 pt	
	10	
5. How does the Natural Resources Conservation Service (formerly		
Soil Conservation Service) soil survey rank the water erosion hazard	1	
of the dominant mapped unit in the riparian area? Select the highest		
water erosion hazard description if more than one is listed.		
a. Low, slight, moderate	2 pts	1
b. High, severe, very high	1 pts	
	Total Points:	10

Function: High (12-14 pts) Medium (8-11 pts) Low (5-7 pts)

FUNCTION IS: MEDIUM



City of Molalla Riparian Inventory

FLOOD MANAGEMENT

RIPARIAN CODE

R-BC-8R

MEDIUM

FUNCTION IS:

	flood prone areas (adjacent flat areas, depressions, swales, FEMA 00-year floodplain, etc.) beyond the top of bank or edge of the ource?		Score
a. Yes		3 pts	3
b. No			
15 (San 1875)	vegetation (trees, shrubs, vines) greater than 1 meter (3.2 feet) high		
dominant	in the flood prone riparian area?		
a. Yes		3 pts	3
b. No or	no flood prone area present		
8. Is the stre	eam or water resource constricted by man-made features		
(e.g. chann	nelization, riprap, concrete wall)?		
a. No		3 pts	1
b. Yes			
		l	
		Total Points:	7
Function:	High (8-9 pts) Medium (5-7 pts) Low (3-4 pts)		
			Earth 1970 hearthanist, complete Measures or 10 to 1970.



City of Molalla Riparian Inventory

THERMAL REGULATION

RIPARIAN CODE

R-BC-8R

	e aspect or orientation of the riparian area allow for shading of water ay in the summer?		Score
a. Yes		3 pts	3
b. No		1 pt	
10. What is	the dominant vegetation layer in the riparian area?	1	
a. Woo	ody vegetation (trees, shrubs, vines) greater than 1 meter (3.2 feet) high	3 pts	
b. Her	baceous vegetation or woody vegetation less than 1 meter (3.2 feet) high	2 pts	3
c. Bare	ground	1 pt	
11. Does w	oody vegetation hang over the edge of the water?		
a. Yes		2 pts	2
b. No		1 pts	
		I	
		Total Points:	8
Function:	High (7-8 pts) Medium (5-6 pts) Low (3-4 pts)		

FUNCTION IS:

HIGH



City of Molalla Riparian Inventory

WILDLIFE HABITAT

RIPARIAN CODE

R-BC-8R

12. How many vegetation layers (i.e. canopy, mid-story, groundcover) are present?		Score
a. More than 2 layers	3 pts	
b. 2 layers	2 pts	2
c. 1 layer, or unvegetated	1 pt	
13. What is the dominant vegetation layer in the riparian area?		
마르웨일	3 pts	
b. Herbaceous vegetation or woody vegetation less than 1 meter (3.2 feet) high	2 pts	3
c. Bare ground		
14. Does woody vegetation hang over the edge of the water?		
a. Yes	2 pts	2
b. No	1 pt	
15. Is large woody debris present within the riparian area?		
a. Yes	3 pts	3
b. No	1 pt	<u> </u>
16. What percent of the water resource edge is bordered by a vegetated riparian	Ì	
area at least 30 feet wide?		
a Creates then 100/	3 pts	
1 D	2 pts	2
	• . • .	
c. Less than 10%	_1 pt	

Questions continued on next page



City of Molalla Riparian Inventory

WILDLIFE HABITAT (continued)

RIPARIAN CODE

R-BC-8R

17. Is surface water present throughout the year?		Score
a. Yes	3 pts	
b. No	1 pt	3
8. Is there more than one type of water resource (e.g. stream, wetland, lake/pond)	
within or immediately adjacent to the riparian reach?	1	
a. Yes	3 pts	1
b. No	1 pt	
19. What is the degree of development or human-caused disturbance (e.g. building	gs,	
impervious surfaces, lawns, agriculture, trash) in the riparian area?	- 1	
a. Less than 25%	3 pts	
b. Between 25% and 75%	2 nts	1
c. Greater than 75%	1 pt	
	Total Points:	17

Function: High (19-23 pts) Medium (13-18 pts) Low (8-12 pts)

FUNCTION IS:

MEDIUM

Riparian Characterization Form



City of Molalla Riparian Inventory

GENERAL INFORMATION						
GENERAL INFORMATION	AD FIX					
Date:6/	/6/01	Riparian	Code: _	R-	BC-9	
On-site: ⊠ Off-S	Site: 🗆	Reach L	ength:		350'	
Investigators:	PF/SE	Hydrolog	gic Basin:_	Bea	r Creek	
WATER RESOURCE INFORM	MATION					
]	Lake/Pond: Wetland:	Width: Width: Width:		WHI IN THE	£4	
LWI Wetland Code:	none					
Water present year-round	: Yes ⊠ No					
Are salmonids present in t	he adjacent water resou	rce?	Yes [1	No 🗵	
	Is the water resource listed for temperature on DEQ's 303(d) list: Yes No No					
Within FEMA-mapped 100-year floodplain: Yes □ No ⊠						
Mapped soil series:		Dayton	silt loam_			
Agriculture:	Roads:					
Commercial/Indus.: 🗵	Undeveloped:					
Residential:	Forestry:					
Woody ve	getation		Herb	aceous vege	tation	
)
Lake/Pond: Width: feet Wetland: Width: feet Width: feet Width: feet Width: feet Width: feet Width: feet Width: feet Width: feet Width: feet Width: feet Forestry: Feet No Width: feet Width: feet Forestry: feet Width: feet Forestry: feet Forestry: feet Width: feet Forestry: feet Forestry: feet Forestry: feet Width: feet Forestry: feet Width: feet Forestry:						
Cytisus scoparius		Rubus dis	scolor			
		Equisetur	n arvense			
•		Cirsium v	vulgare			
		I				

Average slope in the riparian area: (Question 1)
<10:1 (10%) Between 10:1 (10%) and 5:1 (20%) >5:1 (20%)
Extent of impervious surface within the riparian area. (Question 4)
<10% □ 10% - 25% □ >25% ☒
Is the reach constricted by man-made features? (Question 8)
Yes ⊠ No □
Does the orientation of the riparian area allow for shading of the water resource at midday in summer? (Question 9)
Yes ⊠ No □
Dominant vegetation layer within riparian area? (Question 10)
Woody vegetation □ Herbaceous vegetation □ Bare ground ⊠
Does woody vegetation hang over the edge of the water? (Questions 11 & 14)
Yes □ No ⊠
Large woody debris in riparian area? (Question 15)
Yes □ No ⊠
Percent of water resource bordered by vegetated riparian area at least 30 feet wide? (Question 16)
>40% \[\begin{array}{cccccccccccccccccccccccccccccccccccc
Degree of development or human caused disturbance. (Question 19)
<25% □ 25% - 75% □ >75% ⊠
How does the NRCS soil survey rank water erosion hazard of the dominant mapped unit in the Riparian Area? (Question 5)
low, slight moderate □ high, very high, severe ⊠
What is the dominant vegetation at the top of bank (if defined) or edge of water resource? (Question 3)
Woody vegetation ☐ Herbaceous vegetation ☐ Bare ground ☒
Are there flood prone areas (adjacent flat areas, depressions, swales, FEMA mapped 100-year floodplain, etc.) beyond the top of bank or edge of the water resource? (Question 6)
Yes □ No ⊠
Is woody vegetation (trees, shrubs, vines) greater than 1 meter (3.2 feet) high dominant in the flood prone riparian area?
Yes □ No or no flood prone area present ⊠
How many vegetation layers (i.e. canopy, mid-story, groundcover) are present?
More than 2 □ 2 layers □ 1 layer or unvegetated ⊠

Riparian Width Determination



City of Molalla Riparian Inventory

RIPARIAN CODE

R-BC-9

Date:	6/6/01	Investigators:	PF/SE	
Dominant tree	species:	Fraxinus latifolia	_(see other side for list of spec	ies)
Potential tree h	eight (PTH)/Width	of riparian area :	75 / 10	feet
	8	easured horizontally from edge of	of water resource)	
PTH determine On-site	ed by: vegetation ⊠	Reference site	Code	
omments:		ough Floragon Forest Produ e - rip-rap, fill, wood debris		
Sypical Cross S	Section:			
				Wood
				1
V 1			~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	
road	82		>1/ K=3	-
	ip-rap add	5,2,	(2.4)	-
γ.	Des desid	Milli 20'	A WILL	
			- 11/10	•
	(%)	No.	→ W	



City of Molalla Riparian Inventory

WATER QUALITY

RIPARIAN CODE

R-BC-9

1. What is the average slope in the riparian area?		Score
a. Less than 10:1 (10%)	3 pts	
b. Between 10:1 (10%) and 5:1 (20%)	2 nto	3
c. Greater than 5:1 (20%)	1 nt	
2. What is the dominant vegetation cover in the riparian area?		
a. Woody vegetation (trees, shrubs, vines) greater than 1 meter (3.2 feet) high	3 pts	
b. Herbaceous vegetation or woody vegetation less than 1 meter (3.2 feet) high	2 pts	1
c. Bare ground	1 pt	
3. What is the dominant vegetation at the top of bank (if defined) or edge of water resource?		
a. Woody vegetation (trees, shrubs, vines) greater than 1 meter (3.2 feet) high	3 pts	
b. Herbaceous vegetation or woody vegetation less than 1 meter (3.2 feet) high	2 pts	1
c. Bare ground		
4. What is the extent of impervious surfaces within the riparian area?		
a Loss than 109/	3 pts	
b. Between 10% and 25%	2 ntc	1
c. Greater than 25%	1	
5. How does the Natural Resources Conservation Service (formerly		
Soil Conservation Service) soil survey rank the water erosion hazard	i	
of the dominant mapped unit in the riparian area? Select the highest		
water erosion hazard description if more than one is listed.		
I am aliabt and ante	2 pts	1
h High garage complish	1 nto	
b. High, severe, very nigh		
	Total Points:	7

Function: High (12-14 pts) Medium (8-11 pts) Low (5-7 pts)

FUNCTION IS:

LOW



City of Molalla Riparian Inventory

FLOOD MANAGEMENT

RIPARIAN CODE

R-BC-9

o. Are there	e flood profile areas (adjacent flat areas, depressions, swales, FEMA		Score
mapped	100-year floodplain, etc.) beyond the top of bank or edge of the		
water res	source?		
a. Yes		3 pts	f
		, , <u>]</u>	
b. No		¹ pt	
		1	
7. Is woody	vegetation (trees, shrubs, vines) greater than 1 meter (3.2 feet) high	1	
dominan	t in the flood prone riparian area?	l	
a. Yes		3 pts	1
b. No or	no flood prone area present		
O To the str	som or water resource constricted by man made features		
	eam or water resource constricted by man-made features		
	nelization, riprap, concrete wall)?	l	a a
a. No		3 pts	1
b. Yes		1 pts	
		1.5.5.1	
	Tota	Points:	3
	1014	i i omes.	
221 742			
Function:	High (8-9 pts) Medium (5-7 pts) Low (3-4 pts)		
			manufacture and the second
	FUNCT	ION IS:	LOW



City of Molalla Riparian Inventory

THERMAL REGULATION

RIPARIAN CODE

R-BC-9

9. Does th	e aspect or orientation of the riparian area allow for shading of water	Score
at midd	ay in the summer?	
a. Yes	3 pts	3
b. No	1 pt	***************************************
10. What i	s the dominant vegetation layer in the riparian area?	
a. Wo	ody vegetation (trees, shrubs, vines) greater than 1 meter (3.2 feet) high 3 pts	
b. Her	baceous vegetation or woody vegetation less than 1 meter (3.2 feet) high 2 pts	1
c. Bar	e ground 1 pt	
11. Does w	oody vegetation hang over the edge of the water?	1
b. No	2 pts 1 pts	
	Total Points:	5
Function:	High (7-8 pts) Medium (5-6 pts) Low (3-4 pts)	

FUNCTION IS:

MEDIUM



City of Molalla Riparian Inventory

WILDLIFE HABITAT

RIPARIAN CODE

R-BC-9

12. How many vegetation layers (i.e. canopy, mid-story, groundcover) are present?		Score
	3 pts	1
1 21		1
c. I layer, or unvegetated	р.	
13. What is the dominant vegetation layer in the riparian area?		
a. Woody vegetation (trees, shrubs, vines) greater than 1 meter (3.2 feet) high	3 pts	
b. Herbaceous vegetation or woody vegetation less than 1 meter (3.2 feet) high	2 pts	1
c. Bare ground	1 pt	
14. Does woody vegetation hang over the edge of the water?		
a. Yes	2 pts	1
b. No	4 -4	A
15. Is large woody debris present within the riparian area?	1	
a. Yes	3 pts	1
b. No	Committee of the committee of	-
16. What percent of the water resource edge is bordered by a vegetated riparian		
area at least 30 feet wide?	4	
a Greater than 400/	3 pts	
h. Daterran 100/ and 400/	2	1
I are then 100/	4 4	
c. Less than 10%	' Pt	
	- 1	I

Questions continued on next page



City of Mukiki Riparikin Inventory

WILDLIFE HABITAT (continued)

RIPARIAN CODE

R-BC-9

17. Is surface water present throughout the year?		Score
a. Yes	3 pts	
b. No	1 pt	3
18. Is there more than one type of water resource (e.g. stream, wetland, lake/pone	d)	
within or immediately adjacent to the riparian reach?		
a. Yes	3 pts	1
b. No	1 nt	
19. What is the degree of development or human-caused disturbance (e.g. buildin	ıgs,	
impervious surfaces, lawns, agriculture, trash) in the riparian area?		
a. Less than 25%	3 pts	
b. Between 25% and 75%	0 - 1 -	1
c. Greater than 75%	1 nt	
	Total Points:	10

Function: High (19-23 pts) Medium (13-18 pts) Low (8-12 pts)

FUNCTION IS:



Appendix F

Plant List



Appendix F

Plant species observed within the Molalla LWI Study Area

SCIENTIFIC NAME	COMMON NAME	R9-IND.
TREES		The Winds
Abies grandis	grand fir	FACU-*
Acer circinatum	vine maple	FAC-
Acer macrophyllum	big leaf maple	FACU
Alnus rubra	red alder	FAC
Fraxinus latifolia	Oregon ash	FACW
Malus fusca	Pacific crabapple	FACW
Pinus ponderosa	Ponderosa pine	UPL
Pinus sylvestris	Scotch pine	UPL
Populus tremula	quaking aspen	FAC+
Populus trichocarpa	black cottonwood	FAC
Prunus avium	sweet cherry	UPL
Pseudotsuga menziesii	Douglas fir	UPL
Quercus garryana	Oregon white oak	UPL
Salix scouleriana	Scouler's willow	FAC
Salix lasiandra	Pacific willow	FACW+
SHRUBS/WOODY VINES		
Amelanchier alnifolia	Saskatoon serviceberry	FACU
Berberis aquifolium	tall Oregon grape	UPL
Cornus stolonifera	red osier dogwood	FACW
Corylus cornuta	beaked hazelnut	FACU
Crataegus douglasii	Douglas hawthorn	FAC
Crataegus monogyna	ornamental hawthorn	FACU+
Cytisus scoparius	Scot's broom	UPL
Hedera helix	English ivy	UPL
Holodiscus discolor	ocean spray	UPL
Ilex aquifolium	English holly	UPL
Oemleria cerasiformis	Indian plum	FACU
Physocarpus capitatus	Pacific nine-bark	FACW-
Rhamnus purshiana	cascara buckthorn	FAC-

SCIENTIFIC NAME	COMMON NAME	R9-IND.
Rhus diversiloba	poison oak	UPL
Rosa eglanteria	sweetbriar rose	FACW
Rosa nutkana	Nootka rose	FAC
Rosa pisocarpa	clustered rose	FAC
Rubus discolor	Himalayan blackberry	FACU
Rubus laciniatus	evergreen blackberry	FACU+
Rubus parviflorus	western thimbleberry	FAC-
Rubus ursinus	California dewberry	FACU
Salix piperi	Piper's willow	FAC
Salix sitchensis	Sitka willow	FACW
Solanum dulcamara	climbing nightshade	FAC+
Spiraea douglasii	Douglas' spiraea	FACW
Symphoricarpos albus	snowberry	FACU
FORBS In the second state of the second state	The second of th	
Alisma plantago-aquatica	broadleaved water plantain	OBL
Arctium minus	common burdock	UPL
Athyrium filix-femina	lady fern	FAC
Boisduvalia densiflora	dense flwr spike primrose	FACW-
Brassica campestris	yellow mustard	UPL
Callitriche stagnalis	water starwort	OBL
Camassia quamash	common camas	FACW
Cardamine oligosperma	few-seed bittercress	FAC
Centaurum umbellatum	common centaury	FAC
Cerastium dubium	doubtful chickweed	NOL
Cerastium vulgatum	common chickweed	FACU
Chrysanthemum leucanthemum	ox-eye daisy	UPL
Cicuta douglasii	water hemlock	OBL
Cirsium arvense	Canada thistle	FACU+
Cirsium vulgare	bull thistle	FACU
Conium maculatum	poison hemlock	FAC+
Convolvulus arvensis	field bindweed	UPL
Crepis setosa	rough hawksbeard	UPL

SCIENTIFIC NAME	COMMON NAME	R9-IND.
Conyza canadensis	Canada horseweed	FACU
Daucus carota	Queen Anne's lace	UPL
Dipsacus sylvestris	teasel	FAC
Epilobium watsonii	Watson's willow-herb	FACW-
Galium aparine	catchweed bedstraw	FACU
Geranium carolinianum	Carolina geranium	UPL
Geranium molle	dove foot geranium	UPL
Geranium robertianum	Robert's geranium	UPL
Geum macrophyllum	large leaf avens	FACW-*
Gnaphalium palustre	lowland cudweed	FAC+
Horkelia congesta ssp. congesta	shaggy horkelia	NOL
Hypericum perforatum	common St. John's wort	UPL
Hypochaeris radicata	hairy cats-ear	FACU*
Impatiens noli-tangere	western touch-me-not	FACW
Lactuca serriola	prickly lettuce	FACU
Lamium purpureum	red dead-nettle	UPL
Lapsana communis	nipplewort	UPL
Lathyrus latifolius	everlasting wild pea	UPL
Lemna minor	duckweed	OBL
Leontodon nudicaulis	hairy hawkbit	UPL
Lotus corniculatus	birds-foot trefoil	FAC
Lotus purshiana	Spanish clover	UPL
Ludwigia palustris	marsh seedbox	OBL
Lupinus albicaulis	sickle-keeled lupine	UPL
Luzula campestris	field woodrush	FAC
Lycopus americanus	American bugleweed	OBL
Lysimachia nummularia	creeping loosestrife	FACW
Lythrum hyssopifolia	hyssop loosestrife	OBL
Lythrum salicaria	purple loosestrife	FACW+
Madia sativa	tarweed	FACU
Matricaria matricarioides	pineapple weed	FACU
Melissa officinalis	lemon balm	UPL

SCIENTIFIC NAME	COMMON NAME	R9-IND.
Mentha arvensis	field mint	FACW-
Mentha pulegium	pennyroyal	OBL
Mentha x piperita	peppermint	FACW+
Montia linearis	line-leaf montia	NOL
Myosotis discolor	yellow and blue forget- me- not	FACW
Myosotis laxa	small flower forget-me-not	OBL
Oenanthe sarmentosa	water-parsley	OBL
Osmorhiza chilensis	mountain sweet cicley	UPL
Parentucellia viscosa	yellow parentucellia	FAC-
Plantago lanceolata	English plantain	FAC
Plantago major	common plantain	FACU+
Polygonum hydropiperoides	swamp smartweed	OBL
Polygonum lapathifolium	willow weed	FACW
Polygonum persicaria	ladysthumb	FACW
Polypodium glycyrrhiza	licorice fern	UPL
Polystichum munitum	sword fern	FACU
Prunella vulgaris	heal-all	FACU+
Pteridium aquilinum	bracken fern	FACU
Ranunculus repens	creeping buttercup	FACW
Ranunculus uncinatus	little buttercup	FAC-
Ranunculus orthorhynchus	straight beak buttercup	FACW-
Rorippa curvisiliqua	curve-pod yellowcress	OBL
Rorippa nasturtium aquaticum	water cress	OBL
Rumex acetosella	sour dock	FACU+
Rumex crispus	curly dock	FAC+
Rumex salicifolius	willow dock	FACW
Senecio jacobaea	tansy ragwort	FACU
Senecio vulgaris	common groundsel	FACU
Sisyrinchium angustifolium	pointed blue-eyed grass	FACW-
Smilacina racemosa	feather false-solomon's seal	FAC-
Solanum nigrum	black nightshade	FACU
Sonchus asper	prickly sowthistle	FAC-

SCIENTIFIC NAME	COMMON NAME	R9-IND.
Stachys cooleyae	hedgenettle	FACW
Stellaria media	common chickweed	FACU
Tanacetum vulgare	common tansy	FACU
Taraxacum officinale	common dandelion	FACU
Tellima grandiflora	fringecup	UPL
Tolmiea menziesii	piggy-back plant	FAC
Tragopogon dubius	yellow salsify	UPL
Trifolium dubium	suckling clover	UPL
Trifolium pratense	red clover	FACU
Trifolium repens	white clover	FAC
Trifolium subterraneum	subterranean clover	UPL
Urtica dioica	stinging nettle	FAC+
Verbascum blattaria	moth mullein	UPL
Verbascum thapsis	common mullein	UPL
Veratrum californicum	California false hellebore	FACW+
Veronica americana	American speedwell	OBL
Veronica scutellata	marsh speedwell	OBL
Veronica serpyllifolia	thyme-leaved speedwell	FAC
Vicia americana	American purple vetch	FAC
Vicia sativa	common vetch	UPL
Vicia tetrasperma	slender vetch	UPL
Vinca major	periwinkle	UPL
Xanthium strumarium	rough cockle bur	FAC
GRAMINOIDS ** \$ ***	THE REPORT OF THE PROPERTY OF	
Agropyron trachycaulum	slender wheatgrass	FAC
Agrostis stolonifera	creeping bentgrass	FAC
Agrostis tenuis	colonial bentgrass	FAC
Alopecuris geniculatus	water foxtail	OBL
Alopecuris pratensis	meadow foxtail	FACW
Anthoxanthum odoratum	sweet vernal grass	FACU
Beckmannia syzigachne	American sloughgrass	OBL
Bromus mollis	soft brome	UPL

SCIENTIFIC NAME	COMMON NAME	R9-IND.
Bromus rigidus	ripgut brome	UPL
Carex densa	dense sedge	OBL
Carex deweyana	Dewey's sedge	FACU
Carex echinata	little prickly sedge	NI
Carex feta	green sheath sedge	FACW
Carex leporina	hare's foot sedge	FACW
Carex obnupta	slough sedge	OBL
Carex pellita	wooly sedge	OBL
Carex stipata	sawbeak sedge	OBL
Carex unilateralis	one-sided sedge	FACW
Carex vesicaria	inflated sedge	OBL
Cynosurus cristatus	crested dog tail grass	UPL
Dactylis glomerata	orchard grass	FACU
Danthonia californica	California oatgrass	
Deschampsia cespitosa	tufted hairgrass	FACW
Digitaria ischaemum	smooth crabgrass	FACU
Digitaria sanguinalis	hairy crabgrass	FACU
Echinochloa crus-galli	large barnyard grass	FACW
Eleocharis ovata	ovate spikerush	OBL
Eleocharis palustris	common spikerush	OBL
Equisetum arvense	field horsetail	FAC
Equisetum hyemale	rough horsetail	FACW
Festuca arundinacea	tall fescue	FAC-
Festuca rubra	red fescue	FAC-
Glyceria elata	tall mannagrass	OBL
Glyceria occidentalis	northwestern manna grass	OBL
Holcus lanatus	common velvet grass	FAC
Hordeum brachyantherum	meadow barley	FACW-
Juncus bufonius	toad rush	FACW
Juncus effusus	soft rush	FACW
Juncus ensifolius	daggerleaf rush	FACW
Juncus patens	spreading rush	FACW

SCIENTIFIC NAME	COMMON NAME	R9-IND.
Juncus tenuis	slender rush	FACW-
Leersia oryzoides	rice cut grass	OBL
Lolium multiflorum	Italian ryegrass	UPL
Lolium perenne	perennial rye grass	FACU
Panicum capillare	witchgrass	FAC
Phalaris arundinacea	reed canary grass	FACW
Phleum pratense	common timothy	FAC-
Poa annua	annual bluegrass	FAC
Poa pratensis	Kentucky bluegrass	FAC
Poa trivialis	rough bluegrass	FACW
Scirpus microcarpus	small-fruit bulrush	OBL
Sparganium emersum	burreed	OBL
Typha latifolia	broad-leaf cattail	OBL