

**Tualatin River Watershed Council - Lower Gales Creek Project**

Project Reach: Sub-Reach:	Gales Lower GL01			Gales Lower GL02			Gales Lower GL03			Gales Lower GL04			Gales Lower GL05			Gales Lower GL06			Gales Lower GL07		
HABITAT CONDITION	Environmental Baseline			Environmental Baseline			Environmental Baseline			Environmental Baseline			Environmental Baseline			Environmental Baseline			Environmental Baseline		
HABITAT FACTOR	Properly Functioning	At Risk	Not Properly Functioning	Properly Functioning	At Risk	Not Properly Functioning	Properly Functioning	At Risk	Not Properly Functioning	Properly Functioning	At Risk	Not Properly Functioning	Properly Functioning	At Risk	Not Properly Functioning	Properly Functioning	At Risk	Not Properly Functioning	Properly Functioning	At Risk	Not Properly Functioning
<u>Channel Conditions<sup>1</sup></u>																					
Streambank Condition			1		3			3			1			3			3				1
Floodplain Connectivity		3				1		5			5			3							1
Channel Modifications <sup>2</sup>			1			1		3			3			1			1				3
Average Score			1.67			1.67		3.67			3.00			2.33			1.67				1.67
<u>Riparian Conditions<sup>2</sup></u>																					
Width of Riparian Area			1		3			5			5			5			5				3
Vegetation Characteristics			1		3			3			3			3			3				3
Stream Shading			1		3			1			1		5			3					1
Riparian Recruitment Potential			1		3			1			1		3			5					3
Bank Stability			1		5			5			1		3			3					1
Average Score			1.00			3.40		3.00			2.20			3.80			3.80				2.20
<u>Water Quality<sup>1</sup></u>																					
Temperature			1			1					1			1			1				1
Sediment		3			3			3			3			3			3				3
Chem Contam/Nut		3			3			3			3			3			3				3
Average Score			2.33			2.33		2.33			2.33			2.33			2.33				2.33
<u>Water Quantity<sup>1</sup></u>																					
Peak/Base Flows		3			3			3			3			3			3				3
Diversions			1			1		5			5			5			1				3
Drainage Network		3			3			3			3			3			3				3
Average Score			2.33			2.33		3.67			3.67			3.67			2.33				3.00
<u>Habitat Access<sup>1</sup></u>																					
Physical Barriers		5			5			5			5			5			5				5
Average Score			5.00			5.00		5.00			5.00			5.00			5.00				5.00
<u>Habitat Elements<sup>1</sup></u>																					
Substrate		3			3			3			3			1			3				3
Large Woody Debris			1			1		1			1			1			1				3
Pool Frequency			1			1		1			1			1			1				1
Pool Quality			1		3			1			3			1			1				3
Off-Channel Habitat			1			1		3			3			1			1				1
Refugia			1			1		3			3			1			1				1
Average Score			1.33			1.67		2.00			2.33			1.00			1.33				2.00

<b>Tualatin River Watershed C</b>																		
Project Reach:	Gales Lower			Gales Lower			Gales Lower			Gales Lower			Gales Lower			Gales Lower		
Sub-Reach:	GL08			GL09			GL010			RL01			RL02			CL01		
HABITAT CONDITION	Environmental Baseline			Environmental Baseline			Environmental Baseline			Environmental Baseline			Environmental Baseline			Environmental Baseline		
HABITAT FACTOR	Properly Functioning	At Risk	Not Properly Functioning	Properly Functioning	At Risk	Not Properly Functioning	Properly Functioning	At Risk	Not Properly Functioning	Properly Functioning	At Risk	Not Properly Functioning	Properly Functioning	At Risk	Not Properly Functioning	Properly Functioning	At Risk	Not Properly Functioning
<b>Channel Conditions<sup>1</sup></b>																		
Streambank Condition			1			3			3			3			1			5
Floodplain Connectivity		3				3			3			3			1			5
Channel Modifications <sup>2</sup>			1			1			1			3			1			3
Average Score			1.67			2.33			2.33			3.00			1.00			4.33
<b>Riparian Conditions<sup>2</sup></b>																		
Width of Riparian Area		5				5			3			3			1			5
Vegetation Characteristics			3			1			1			3			1			5
Stream Shading			1			1			1			5			1			5
Riparian Recruitment Potential			3			1			1			3			1			5
Bank Stability			1			3			3			3			1			5
Average Score			2.60			2.20			1.80			3.40			1.00			5.00
<b>Water Quality<sup>1</sup></b>																		
Temperature			1			1			1			1			1			3
Sediment			3			1			1			3			1			5
Chem Contam/Nut			3			3			3			3			3			3
Average Score			2.33			1.67			1.67			2.33			1.67			3.67
<b>Water Quantity<sup>1</sup></b>																		
Peak/Base Flows			3			3			3			3			3			3
Diversions			5			5			1			3			3			1
Drainage Network			3			3			3			3			3			5
Average Score			3.67			3.67			2.33			3.00			3.00			3.00
<b>Habitat Access<sup>1</sup></b>																		
Physical Barriers			5			5			5			1			1			1
Average Score			5.00			5.00			5.00			1.00			1.00			1.00
<b>Habitat Elements<sup>1</sup></b>																		
Substrate			3			1			1			3			1			5
Large Woody Debris			1			1			1			3			1			5
Pool Frequency			1			1			1			3			1			5
Pool Quality			3			1			1			3			1			5
Off-Channel Habitat			1			1			1			3			1			5
Refugia			1			1			1			3			1			5
Average Score			1.67			1.00			1.00			3.00			1.00			5.00