

John Hudson – Landscape: Responses to Hearing Panel questions

Attachments

Attachment A

West Stream (chainage 4000-6000) Stream from QEII West Crossing to Raupō Wetland, old growth forest							
Current state			Future state at site/reach scale			Future state at stream catchment scale	
River Component	Existing (whole catchment)		Site Embankment	Site Viaduct	Site QEII crossing (culvert & bridge)	Whole Stream embankment and QEII west crossing	Whole Stream viaduct and QEII west crossing
Active bed	Morphology/modification	H	L	MH	M	M	MH
	Flow regime	H	M	H	MH	H	H
	Water quality	H	M	M	M	M	M
	Aquatic (indigenous taxa assemblages)	M	L	M	M	ML	M
	Ecosystem functioning	H	L	H	M	M	MH
	Exotic aquatic flora and fauna (absence)	VH	M	VH	VH	H	VH
Margin	Morphology/physical modification	H	VL	H	M	ML	MH
	Terrestrial ecology	H	VL	M	M	L	M
Context	Land use /modification	MH	M	M	M	M	M
All	Experiential	H	M	M	M	MH	MH
OVERALL LEVEL OF NATURAL CHARACTER * Significantly Reduced		H	ML*	MH	M*	M*	MH



Significant attribute rating change from Existing (left column) for site crossing



Significant attribute rating change from Existing (left column) for Whole Stream (Viaduct & QEII West)

West Stream (chainage 4000-6000)							
Stream from QEII West Crossing to Raupō Wetland, old growth forest							
Current state			Future state at site/reach scale			Future state at stream catchment scale	
River Component	Existing (whole catchment)		Site Embankment	Site Viaduct	Site QEII crossing (culvert & bridge)	Whole Stream embankment and QEII west crossing	Whole Stream viaduct and QEII west crossing
Active bed	Morphology/modification	H	L	MH	M	M	MH
	Flow regime	H	M	H	MH	H	H
	Water quality	H	M	M	M	M	M
	Aquatic (indigenous taxa assemblages)	M	L	M	M	ML	M
	Ecosystem functioning	H	L	H	M	M	MH
	Exotic aquatic flora and fauna (absence)	VH	M	VH	VH	H	VH
Margin	Morphology/physical modification	H	VL	H	M	ML	MH
	Terrestrial ecology	H	VL	M	M	L	M
Context	Land use /modification	MH	M	M	M	M	M
All	Experiential	H	M	M	M	MH	MH
OVERALL LEVEL OF NATURAL CHARACTER		H	ML*	MH	M*	M*	MH
* Significantly Reduced							



Significant attribute rating change from Existing (left column) for site crossing



Significant attribute rating change from Existing (left column) for Whole Stream (Viaduct & QEII West)

Attachment B

