

Hydraulic Performance Condition Scoring Matrix - All Asset Class Types						
Asset Class Type	Component	Condition Assessment Score				
		1	2	3	4	5
Stream	Stream	The peak WSE is <50% of the channel flow area.	The peak WSE is >50% of the channel flow area AND did not exceed the streambank elevation.	The peak WSE exceeded the streambank elevation but it is within the active floodplain	The peak WSE exceeded the streambank elevation AND	The peak WSE exceeded the streambank elevation AND
	Insurable Building			Basement flooding of an insurable building	<2' of 1st floor inundation of an insurable building	>2' of 1st floor inundation of an insurable building
	Road			Adjacent road is <2' from overtopping.	Adjacent road is passable (D<9")	Adjacent road is impassable (D>9")
Crossing	Crossing	The peak WSE is <50% of the culvert flow area.	The peak WSE is >50% of the culvert flow area AND did not exceed the crown of the culvert.	The peak WSE exceeded the crown of the culvert AND there is basement flooding of an insurable building OR the adjacent road is <2' from overtopping.	The peak WSE exceeded the crown of the culvert AND there is <2' of 1st floor inundation of an insurable building OR the adjacent road is passable (D<9").	The peak WSE exceeded the crown of the culvert AND there is >2' of 1st floor inundation of an insurable building OR the adjacent road is impassable (D>9").
	Insurable Building			Building has no 1st floor inundation.	<2' of 1st floor inundation of an insurable building	>2' of 1st floor inundation of an insurable building
	Road			Adjacent road is <2' from overtopping.	Adjacent road is passable (D<9")	Adjacent road is impassable (D>9")
Culverted Stream	Culverted Stream	The peak WSE is <50% of the culvert flow area.	The peak WSE is >50% of the culvert flow area AND did not exceed the crown of the culvert.	The peak WSE exceeded the crown of the culvert AND there is basement flooding of an insurable building OR the adjacent road is <2' from overtopping.	The peak WSE exceeded the crown of the culvert AND there is <2' of 1st floor inundation of an insurable building OR the adjacent road is passable (D<9").	The peak WSE exceeded the crown of the culvert AND there is >2' of 1st floor inundation of an insurable building OR the adjacent road is impassable (D>9").
	Insurable Building			Building has no 1st floor inundation.	<2' of 1st floor inundation of an insurable building	>2' of 1st floor inundation of an insurable building
	Road			Adjacent road is <2' from overtopping.	Adjacent road is passable (D<9")	Adjacent road is impassable (D>9")
Basins	Basin Overtopping	The peak WSE has > 5' of freeboard from overtopping embankment	The peak WSE has > 3' of freeboard from overtopping embankment	The peak WSE has < 3' of freeboard from overtopping embankment	The peak WSE is < 2' of overtopping embankment	The peak WSE overtopped embankment
	Emergency Spillway	>5-feet from emergency activation	>2-feet from emergency activation	< 2-feet from emergency spillway activation	emergency spillway activated and flow safely conveyed through emergency spillway	emergency spillway activated and flow area not safely conveyed through emergency spillway
	Insurable Building		Building has > 1' of freeboard from 1st floor.	Building has no 1st floor inundation.	<2' of 1st floor inundation of an insurable building	>2' of 1st floor inundation of an insurable building
	Road	Travel lane has > 5' of freeboard from overtopping	Travel lane has 2 - 5' of freeboard from overtopping	Travel lane has < 2' of freeboard from overtopping	Adjacent road is passable (D<9")	Adjacent road is impassable (D>9")
Major Structures		The peak WSE has > 5' of freeboard from overtopping the structure OR travel lane has > 5' of freeboard from overtopping OR building has no basement inundation.	The peak WSE has 2-5' of freeboard from overtopping OR travel lane has 2 - 5' of freeboard from overtopping OR building has 1' of freeboard from 1st floor.	The peak WSE has < 2' of freeboard from overtopping the structure OR travel lane has < 2' of freeboard from overtopping OR building has no 1st floor.	The peak WSE is < 2' of overtopping along the the structure OR travel lane is passable w/ < 9" of inundation OR building has < 2' of 1st floor inundation.	The peak WSE is > 2' of overtopping along the the structure OR travel lane is impassable w/ > 9" of inundation OR building has > 2' of 1st floor inundation.
	Insurable Building	Adjacent building has no basement inundation.	Building has > 1' of freeboard from 1st floor.	Building has no 1st floor inundation.	<2' of 1st floor inundation of an insurable building	>2' of 1st floor inundation of an insurable building
	Road			Adjacent road is <2' from overtopping.	Adjacent road is passable (D<9")	Adjacent road is impassable (D>9")