

**Table supplementing Final Author comments to Reviewer 2**

		GRAVEL	GRASS	WILLOW BUSH	MIXED FOREST	WILLOW FOREST	PASTURE
Maximum Elevation within the plots <sup>1</sup>	msl	373.0	373.4	373.6	374.9	372.5	374.7
Minimum elevation within the plots <sup>1</sup>	msl	371.8	372.5	372.5	373.6	371.6	374.2
Minimum river discharge for flooding lowest lying plot <sup>2</sup>	m <sup>3</sup> s <sup>-1</sup>	75	125	150	650	400	400
Minimum river discharge for flooding highest lying plot <sup>2</sup>	m <sup>3</sup> s <sup>-1</sup>	180	250	270	>800	400	400
Flooding frequency <sup>3</sup>	time/year	> 10	> 10	4 - 6	1 - 2	1 - 2 <sup>4</sup>	1 - 2
Flooding duration per event <sup>3</sup>	days	< 1 to 14	< 1 to 14	≤ 1	< 1	< 1 <sup>4</sup>	< 1

<sup>1</sup> as measured in May 2010.

<sup>2</sup> estimated from inundation maps produced by digital terrain modeling based on river cross section measurements

<sup>3</sup> approximated using the river discharge data for the years 2007 to 2009 and the minimum river discharge for flooding half of the plots within an FPZ

<sup>4</sup> in WILLOW FOREST more and longer inundation events can occur due to ponding of precipitation or delayed drainage