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The analysis of  $\text{HOD}^{L(\mathbb{R})}$  as a core model, under AD, provides a detailed picture of that model, including its large cardinal properties. A direct consequence is that for every ordinal  $\mu$ , if  $\omega < \mu < \Theta$  and  $\mu$  is regular in  $L(\mathbb{R})$ , then  $\mu$  is measurable in  $\text{HOD}^{L(\mathbb{R})}$ . We will discuss an strengthening of this, showing that in  $\text{HOD}^{L(\mathbb{R})}$ , the order of measurability of  $\mu$  is reasonably high. (Received August 13, 2013)