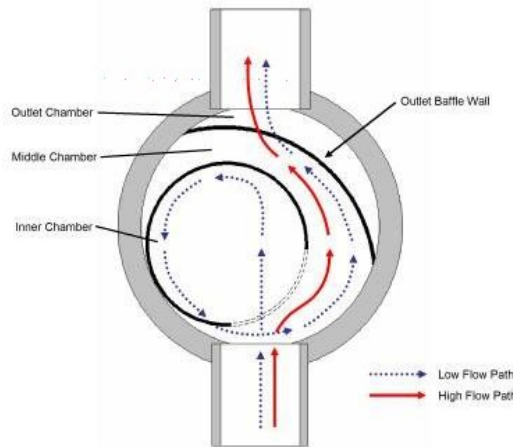


HYDROGUARD

Stormwater Hydrodynamic Separator



Plan View



- Treats storm water quality
- Treats Low and High Flows
- Separate low flow path prevents scour at high flows
- Separate high flow path captures floatables
- Captures oil spills, TSS and trash
- Small footprint
- Engineered for traffic loading
- Can be used as an inlet or a bend structure
- Sized based on independent TSS removal results, local hydrology and continuous simulation
- Vertical baffles and multiple access points

HYDROGUARD WATER QUALITY FLOW RATES (cfs)

Model	NJDEP* (70 um)	ConnDOT* (100 um)	NH** (OK110)	150 um**	200 um**
HG 4 / HG 4i	0.8	1.1	0.9	1.3	1.6
HG 5	1.3	1.7	1.4	2.1	2.5
HG 6	1.8	2.6	2.0	3.0	3.6
HG 7	2.5	3.6	2.7	4.1	4.9
HG 8	3.2	4.9	3.6	5.4	6.4
HG 10	5.0	8.2	5.6	8.4	10.0
HG 12	7.2	12.5	8.0	12.1	14.4

*60% Annual TSS Removal **80% TSS Removal at WQF

For more information, please contact your local Hydroworks representative:

Additional information can be found on the web at www.hydroworks.com

