DATA SHEET

SOLENO
Mastering Storm Water

REMOVABLE FISH WEIR

PRODUCT DESCRIPTION : Galvanized steel removable weir with an opening which ensures the free passage of fish in a steel culvert

FUNCTION : Removable fish weir for steel culverts, adapted to the forest environment, that allows the crossing of a watercourse without disturbing the fauna and flora of an ecosystem.

RAW MATERIALS : Galvanized steel ASTM A123 and A385

TECHNICAL DATA : In accordance with Schedule 10* of the Regulations respecting the Sustainable Development of Forests in the state domain (RRSDF)
Installation in pipes of:
    Diameter: 1200 mm (48 in) to 3600 mm (144 in)
    Length: 3 m (9.8 ft) to 18 m (59 ft)
    Structural strength**: CAN/CSA - S6 - 02 (CL-625) and AASHTO (H-25 and HS-25)

APPLICATION : Steel culvert

OPTIONS : Special lengths are available upon request
    Lift eyelet (highly recommended)

REMOVABLE FISH WEIR

TECHNICAL DATA TABLE

Length of pipe		Nomber of weirs	Distance between weirs[1]		Distance from first and last weir to pipe ends		Recommended number of lift eyelet
m	ft		mm	in	mm	in	
6	19.7	3	2000	78.7	1000	39.4	4
9	29.5	5	1800	70.9	900	35.4	4
12	39.4	6	2000	78.7	1000	39.4	4
15	49.2	8	1900	74.8	900	35.4	5
18	59.0	9	1800	70.9	900	35.4	5

Note 1 : The distance may vary in order to comply with the current regulations.
Note 2 : The values in the table are taken from Schedule 10 of the RRSDF (Table 2 - Number and location of weirs according to the length of the pipe).

Schedule 10 - Conditions to be met for a culvert with a conduit having outlets where the conditions provided for in Schedule 9 for the layout of a culvert with a round conduit may not be met.
*** See the Steel Pipe Technical Data Table for more information.*

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TECHNICAL DATA TABLE

Nominal diameter of pipe		Opening[1]				Weir					
		Width		Height		Width		Height		Weight	
mm	in	mm	in	mm	in	mm	in	mm	in	kg	lb
1200	48	150	6	200	8	1220	48	520	20.5	23	50
1400	56	150	6	200	8	1435	56	533	21.0	30	65
1500	60	150	6	200	8	1493	58	533	21.0	30	65
1600	64	150	6	200	8	1566	61	533	21.0	32	70
1800	72	150	6	200	8	1690	66	533	21.0	34	75
2000	80	150	6	200	8	1800	70	533	21.0	34	75
2200	88	200	8	250	10	1940	76	533	21.0	36	80
2400	96	200	8	250	10	2040	80	533	21.0	39	85
2700	108	250	10	300	12	2210	87	533	21.0	39	85
3000	120	250	10	300	12	2358	92	533	21.0	43	95
3300	132	300	12	300	12	2464	97	533	21.0	43	95
3600	144	400	16	300	12	2620	103	533	21.0	45	100

Note 1: The dimensions of the openings listed in the table are taken from Schedule 10 of the RRSDF.
Note 2: Values in the table are approximate and may change without notice.