

ΑΣΚΗΣΗ ΑΠΟΧΕΤΕΥΣΗΣ - ΟΚΤΩΒΡΙΟΣ 2009

Παραλλαγή	A	B	Γ	Δ
L (m)	200	200	200	200
JAB	1.0%	1.2%	0.9%	1.5%
D (cm)	80	60	100	50
h (m)	1	1	1	1
y (m)	0.5	0.38	0.55	0.32
Δh (m)	0.5	0.6	0.7	0.4
i (mm/h)	87	90	85	82
C	0.7	0.65	0.6	0.55
n0	0.015	0.015	0.015	0.015
1				
D (m)	0.800	0.600	1.000	0.500
(y/D)A	0.625	0.633333	0.55	0.64
Q/Q0	0.590	0.603	0.473	0.613
Q0 (m3/s)	1.1460	0.5829	1.9713	0.4008
Q (m3/s)	0.6757	0.3514	0.9332	0.2458
A (m2)	39945	21625	65870	19624
A (ha)	3.99	2.16	6.59	1.96
2				
L (m)	100.0	100.0	100.0	100.0
Δz εδαφ (m)	1.0000	1.2000	0.9000	1.5000
Δz αγωγ (m)	0.5000	0.6000	0.2000	1.1000
J	0.0050	0.0060	0.0020	0.0110
y/D	0.700	0.700	0.700	0.700
Q/Q0	0.709	0.709	0.709	0.709
Q0 (m3/s)	0.9532	0.4957	1.3163	0.3468
D (m)	0.850	0.643	1.139	0.502
D (m) (στρογγ)	0.900	0.700	1.200	0.600
Έλεγχος				
Q0 (m3/s)	1.1094	0.6218	1.5111	0.5581
Q/Q0	0.609	0.565	0.618	0.440
y/D	0.637	0.609	0.643	0.528
V0 (m/s)	1.744	1.616	1.336	1.974
V/V0	0.906	0.885	0.909	0.822
V (m/s)	1.579	1.431	1.215	1.623
V10% (m/s)	0.942	0.872	0.721	1.066
3				
L (m)	100.0	100.0	100.0	100.0
D (m)	0.800	0.600	1.000	0.500
y/D	0.7	0.7	0.7	0.7
Q/Q0	0.709	0.709	0.709	0.709
Q0 (m3/s)	0.953	0.496	1.316	0.347
J	0.006917807	0.008677	0.004013	0.01123
Δz αγωγ (m)	0.691780681	0.867683	0.401304	1.122984
Δz εδαφ (m)	1.0000	1.2000	0.9000	1.5000
ΔhB (m)	0.1918	0.2677	0.2013	0.0230
ΔL (m)	62.22	80.55	40.37	6.10
Έλεγχος				
V0 (m/s)	1.896325827	1.753141	1.675994	1.766182
V/V0	0.94814688	0.948147	0.948147	0.948147
V (m/s)	1.797995415	1.662235	1.589088	1.6746
V10% (m/s)	1.024015946	0.946696	0.905037	0.953738