

Dredging areas on the sea and river parts of the DWNR (Deep-water navigation route)

Area of dredging: (distance, km)	Design depth, m Baltic height system	Area of drawdown with slope/ without a slope, m ²	Volume of dredging works with technological bulkheads, m ³	Laying slopes	
				Green edge	Red edge
Bar (sea) part					
-2.100 - 1.550	10.0 10.5 (at the turn)	562610/ 362550	2,300 580	1:4 1:6	1:6
Total for the sea part		562610/362550	2,300 580		

Area of dredging: Profile No.	Design depth, m Baltic height system	Scooping area with a slope/ without a slope, m ²	Volume of dredging works with technological bulkheads, m ³	Laying slopes	
				Green edge	Red edge
1 river section from 1.534 km to 20.555 km					
1.550 – 10.000	8.76	284745/ 119935	373420	1:6	1:6
10.000 -15.000	8.74	280795/ 253535	374990	1:6	1:6
15.000 – 20.500	8.74	102980/ 92270	81020	1:6	1:6
Total		668520/ 465740	829430		
2 river section from 20.555 km to 116.000 km					
20.500 – 26.000	8.71	525685/ 473735	680810	1:6	1:6
26.000 – 30.900	8.71	401920/ 373530	1,010 590	1:1.5	1:1.5

30.900 – 32.700	8.71	243795/ 231805	591845	1:1.5	1:1.5
32.700 – 40.000	8.71	415190/ 384800	1,035 855	1:1.5	1:1.5
46.000 – 51.000	8.68	416500/ 395165	897670	1:1.5	1:1.5
51.000 – 54.000	8.68	238495/ 229995	379405	1:1.5	1:1.5
54.000 – 60.700	8.56	6670/ 5970	4500	1:1.5	1:1.5
60.700 – 66.000	8.56	629800/ 542965	2,011 285	1:3	1:3
66.000 – 71.000	8.56	377915/ 345890	702525	1:2	1:2
71.000 – 76.000	8.56	376620/ 323860	594545	1:6	1:6
76.000 – 82.000	8.56	67370/ 64245	74655	1:1.5	1:1.5
82.000 – 87.000	8.45	117775/ 100245	107125	1:2	1:6
87.000 – 92.000	8.45	68990/ 48775	108580	1:6	1:6
92.000 – 96.000	8.45	9565/ 6495	14265	1:1.5	1:6
96.000 – 99.000	8.40	11925/ 11325	16605	1:1.5	1:1.5
99.000 – 105.000	8.40	11910/ 9910	20200	1:1.5	1:6

105.000 – 110.000	8.33	45650/ 26395	85270	1:3	1:6
110.000 – 118.200	8.33	177695/ 156640	695450	1:1.5	1:1.5
Total		4143470 /3731745	9,029 180		
3 river section from 116.000 km to 170.360 km					
118.200 – 119.500	8.33	2105/ 1150	1535	1:6	1:6
134.500 – 136.500	8.21	80010/ 70005	86795	1:6	1:6
142.000 – 145.900	8.21	279940/ 270050	323400	1:6	1:6
154.700 – 156.300	8.09	104795/ 99000	113315	1:6	1:6
172.000 – 172.100	8.09	-/ 2610	2215	1:6	1:6
Total		466850 / 442815	527260		
The total volume in sections 1, 2, 3 of the river part			10385870		
Total volume in the sea and river part of the DWNR Area: 5 841450 / 5 002 850			12,686 450		

Notes

1. In the Environmental Impact Assessment Report, in Section 1.3.1 "Dredging and Storage of Dredged Material", Figure 1.3 shows the location of the offshore dredge disposal facility, Fig. 1.5 shows the location of the hydraulic dump between the containment dams and Fig. 1.6 shows the general layout of the onshore dumps.

2. Table 1.2 shows the main characteristics of hydraulic shafts (location, area, volume, distance). The layout of the onshore dumps is also shown in Fig. 1.7 – 1.10.

3. In the Environmental Impact Assessment Report, the volume of dredging works is presented in Section 1.4, Table 1.3; 1.4 and 1.5.