Table 3.1: Properties of deposited untreated dredged sediment from different lagoons (columns 4-6) and properties of deposited dredged sediment immediately after treatment and dewatering (columns 7-8).

Material:		**DEPOSITED DREDGED SEDIMENT - REFUL**					
Source:		Dredged from seabed (waterways) inside the port of Koper. Properties are mainly influenced by geological hinterland from flysch.					
Landfill:		Shallow lagoons (onshore)					
Condition:		Surface: dry crust, deeper: **sediment with high water content (mud)**					
Column: **1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**
Parameter	Expressed as	Test procedure	Proj. task. *(FGG)*	Lagoon 7A *(FGG)*	Lagoon 799/29 *(FGG)*	Internal control - Contractor *(ZAG)*	External control - Client *(FGG)*
Properties of deposited dredged sediment (under dry crust)						***Properties of treated and dewatered deposited dredged sediment*****	
Natural water content	w_0 (%)	SIST-TS CEN ISO/TS 17892-1:2004	>75	53.1-73.7	46.5 (0.3-0.6 m) 61.2 (0.6-0.7 m)	74.5	77.5-91.1
USCS classification		ASTM D2487	CH	CH	CH	CH	CH
Density	ρ (t/m^3)	SIST-TS CEN ISO/TS 17892-2:2004	1.52-1.58	1.58-1.71*	1.63-1.74*	–	1.48-1.54*
Dry density	ρ_d (t/m^3)	SIST-TS CEN ISO/TS 17892-2:2004	0.80-0.90	0.91-1.12*	1.01-1.19*	–	0.781-0.880*
Particle density	ρ_s (t/m^3)	SIST-TS CEN ISO/TS 17892-3:2004	2.70-2.77	2.69-2.70		2.70-2.72	–
Particle size distribution	< 0.063 mm	SIST-TS CEN ISO/TS 17892-4:2004	>90%	92%-97%	>98%	96.5%	–
	< 0.002 mm	SIST-TS CEN ISO/TS 17892-4:2004	>35%	41%-42%	37%	36.8%	–
Liquid limit	w_L (%)	SIST-TS CEN ISO/TS 17892-12:2004	63-76	63-65	57-62	63.1	73
Plasticity index	I_P (%)	SIST-TS CEN ISO/TS 17892-12:2004	40-53	44-46	42-47	35.5	51
Shrinkage limit	w_S (%)	ASTM D4943-08	19-20	–	–	22-26	–
Water adsorption, Enslin- Neff	w_A (%)	DIN 18132:2012	76-84	73-79	78	–	76-80
Methylene blue value	MB_f (g/kg)	SIST EN 933-9:2009+A1:2013	22	23	–	–	–
Loss on ignition, 800 °C	%	JUS.U.B1.024	15-17	–	–	–	–
Undrained shear strength	c_u (kPa)	ASTM D4648-00	<1 pri w>80%	1.09-3.34	6.75 (0.3-0.6 m) 2.37 (0.6-0.7 m)	–	1.7-3.1
Standard Proctor test, SPP	w_{opt} (%)	DIN 18127	23-26	26.0	–	24.0	26.8***
	ρ_{dmax} (t/m^3)	DIN 18127	1.50	1.55	–	1.51	1.51***
Properties of pore water							
pH		User manual	7.5-8.5	8.0	–	–	–
Osmotic suction	π (kPa)	User manual	2200-2500	2260-2390	–	–	–

**** remoulded specimens***
***** isTech SEISS+ technology***
******after 5 days of rest (covered temporary pile)***