

Updates & additions information and instructions for prediction event SWC 2022



nr.	entry date	part	aspect	update / addition	download	remarks
1	18/08/2022	all	submission results	results can be submitted to: SW2022@kivi.nl		
2	18/08/2022	all	soil information	Borehole data will become available soon. Soil profile until relevant depth consists of medium dense silty sand; medium grain size (D50 = 150-300 µm).		access to site was prohibited until end of bird breeding season (aug 1)
3	07/09/2022	all	ground water table	encountered at NAP +1.6 m = 3.4 m below ground level		
4	18/08/2022	all	gef files	general CPT data in gef-file are in Dutch. Translations available on conference site for download		
5	18/08/2022	A	steel quality	steel quality and yield stress of the piles to be announced asap		sensors to be mounted below significant change in wall thickness in the pile hammer had to be downsized because of capacity of available crane
6	18/08/2022	A	PDA/VDA	sensors for PDA/VDA will be mounted at 2.5 m below the pile head		
7	18/08/2022	A	hammer specs	for practical reasons, pile S33 will have to be driven with a CV-80 vibro hammer. Download link for specs available on conference site		
8	18/08/2022	A	vibro prediction	expected refusal depth for CV-80 (if applicable) can be added to prediction		
9	18/08/2022	A	impact prediction	additional specs of S-280 hammer, anvil and sleeve available for download		
10	18/08/2022	A	impact prediction	impact hammer S-280 may will be operated at reduced energy. Participants should submit prediction results for operation at 80% nominal output as well as 60%		
11	18/08/2022	A	vibro prediction	vibro hammer will be operated at maximum output and with full slack in the crane		
12	18/08/2022	B	steel quality	steel quality of the piles is L485 MB, which is comparable to grade X70; yield stress 485 Mpa		
13	18/08/2022	B	pile specs	pile length = 18 m; wall thickness 9,7 mm; piles are coated on inside. Final penetration depth does not change compared to previous info		sponsored delivery on site deviated from original request
14a	18/08/2022	B	VDA	sensors for PDA/VDA will be mounted at 1.0 m below the pile head		
14b	18/08/2022	B	PDA	sensors for PDA/VDA will be mounted at 2.0 m below the pile head		
15	18/08/2022	B	hammer specs	specs of vibro hammer 12VM available for download		
16	18/08/2022	B	hammer specs	pile S06 will be vibro driven with 35VM instead of 32VM. Specs of 35VM available on conference site for download		hammer change due to availability
17	18/08/2022	B	impact prediction	additional specs of S-70 hammer, anvil and sleeve available for download		
18	18/08/2022	B	impact prediction	impact hammer S-70 may possibly be operated at reduced energy. Participants should submit prediction results for operation at 100% nominal output as well as 80% and 60%		reduced energy may be needed to reduce peak driving stresses
19	18/08/2022	B	vibro prediction	vibro hammers will be operated at maximum output and with full slack in the crane		
20	18/08/2022	B	hammer specs	specs of resonator and clamp available for download		not needed for predictions
20	18/08/2022	C-1	pile specs	pile length = 17,5 m. Final penetration depth does not change		sponsored delivery on site deviated from original request
21	18/08/2022	C-2	hammer specs	specs of impact hammer Junttan HHK-7A and pile helmet available for download		
22	18/08/2022	C-2	hammer specs	hammer cushioning will consist of 3 layers of plywood; total thickness 15 cm		
23	18/08/2022	C-2	impact prediction	impact hammer HHK-7A may possibly be operated at reduced energy. Participants should submit prediction results for operation at 100% nominal output as well as 80%		
24	07/09/2022	A	steel quality	top section (L x D x t = 10300 x 1220 x 20 mm) steel quality X60, yield strength = 415 MPa; bottom section (L x D x t = 11900 x 1220 x 20 mm) X70, yield strength = 485 MPa		sponsored delivery on site deviated from original request
25	07/09/2022	D-2	pile specs	drilled length = 16,0 m so pile toe level = NAP -11,0 m		sponsored delivery on site deviated from original request
26	07/09/2022	all	soil information	bore holes available on website for download		
27	07/09/2022	all	submission results	submittals still welcome on sw2022@kivi.nl		