

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 silt sand; medium grain size (D50 = 150-300 µm).		access to site was prohibited until end of bird breeding season (aug 1)
3	18/08/2022	all	ground water table	encountered at approx NAP +1.0 m = 4.0 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		
6	18/08/2022	A	PDA/VDA	sensors for PDA/VDA will be mounted at 2.5 m below the pile head		sensors to be mounted below significant change in wall thickness in the pile
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		hammer had to be downsized because of capacity of available crane
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%		