	problematic cases			
	case		Characteristics	Results
	example		Location	dominant variables (for individual WL)
	gamma_char =	1.11	Geology	sensitivity SF to WL
	beta =	5.55	data source	Uplift and at which WL
			Misc	Slip plane variation
			Characteristics	Results
1	Pannerden_newkernel	4 00	Nederrijn	uncertainty dominated by Su ratio (mostly "Kiel antropogeen") and to a lesser exte
	gamma_cnar =	1.29	mainly sand dike core on top of (antropogenic) clay	SF_char chages from 1.36 to 1.31 with VVL varying from +12.8m to crest +16m, s
	beta =	4.05	drained behaviour dike bedy medalled eleven elev	maybe strength reduction, sigma v > 0
			drained behaviour dike body, modelied clay off clay	sip plane mainly through kiel antiopogeen layer, smal sip plane signity increas
2	Lekdiik1 West		Along the Lek (west) around Streefkerk (other side of the river)	Incertainty dominated by the model factor and some Su layers (e.g. "klei van tiel
2	damma char =	0 78	Clay dike on clay with thick layer of clay from Tiel, over Hollandye	\sim SE char charges from 0.82 to 0.73 with WL varving from +1.2m to crest +5m
	beta =	0.84	based on default values due to absense reliable lab data	no unlift
		0.01		deep and long slip plane, barely changes with WL and goes until the bottom of the
3	Lekdijk2 Streefkerk		Along the Lek, on the west	uncertainty dominated by the dike body (OB, OA=sand) and the model unc.
	gamma char =	1.34	Clay on clay, with a thick peat layer in the middle of the thick clay-	SF char chages from 1.32 to 1.15 with WL varying from +2.5m to crest +6m
	beta =	5.51	based on local measurements and some default (however, these	no uplift
				shallow slip plane for WL below +3m and deep slip plane for higher WL
4	Lekdijk3_East		Along the Lek, mid way circa Lopik	uncertainty dominated by the model unc. and Su of layers "dijkmaterial", "klei_bo
	gamma_char =	1.72	Clay on clay, with thick peat/clay layer (~12m), small sand layer u	r SF_char chages from 2.2 to 1.6 with WL varying from +2.5m to crest +6.5m
	beta =	6.01	parameters from Arcadis report (regional) except POP and Cov o	1 no uplift
			drained dike material and merged layers	deep slip plane ?
5	Lekdijk4_Eastcs3		Along the Lek, on the west, circa the Honswijk fort	Uncertainty dominated by the model unc. and friction of layer "dijkmateriaal". Othe
	gamma_char =	1.51	Clay on clay, with thick intercalated peat/clay/sand layers (~9m)	SF_char chages from 2.4 to 1.5 with WL varying from +4.2m to crest +8.2m
	beta =	5.70	parameters from Arcadis report (regional) except POP and CoV o	i no upilit I de anglia alega fag Millikalawa i Casandahallawalia alega fag kishar Mil
				deep slip plane for WL below ~ +6m and shallow slip plane for higher WL
6	Gowa 1		along the Waal unstream of Biesbosch (Gorinchem)	uncertainty dominated by Su of layers "Venige Klei", also "oud diiksmat", "Klei 14
0	damma char –	1 20	Clay on clay dike, with hig portion of Venige klei and some clay ur	3 SF char constant from WI ± 2 5m to ± 5 5m drons from 1.31 to 1.18 with WI var
	heta –	5.64	narameters from regional report except POP cov of the m value	
		0.04		deep slip plane barely changes, it gets slightly longer with higher WI
7	Gowa2		along the Waal, upstream of Biesbosch (Gorinchem)	uncertainty dominated by Su of lavers "Venige Klei", also "oud diiksmat", "Klei 14-
	gamma char =	1.49	Clay on clay dike, with big portion of Venige klei and some clay ur	SF char constant from WL +2.2m to +3.5m, drops from 1.73 to 1.50 with WL var
	beta =	6.18	parameters from regional report, except POP, cov of the m value.	no uplift
				deep slip plane barely changes, it gets slightly longer (towards the crest) with high
8	Gowa3_TG355		along the Waal, upstream of Biesbosch (Brakel)	uncertainty dominated by Su ratio (especially layers "Venige klei" and "oude dijkm
	gamma_char =	1.01	clay on clay, Non-tidal Rhine, layers of "klei', "venige klei" and larg	SF changes from 1.16 to 1 with WL varying from +3.5m to crest +7.7m; SF based
	beta =	4.02	Based on regional GOWA triaxial and DSS for S; defaults for POI	no uplift
			case computed also with one berm	Slip plane hardly changes with WL, is relatively shallow and mainly goes throug d
8a	GoWa3_berm_4		same as before	uncertainty dominated by Su ratio (especially layers "Venige klei" and "oude dijkm
	gamma_char =	1.17	4 meter berm	SF changes from 1.41 to 1.17 with WL varying from +3.5m to crest +7.7m
	beta =	5.45		no uplift
				Slip plane nardly changes with WL, it becomes longer with the WL, is relatively sh
0	Cowed TC 404		along the Weel upstream of Dischassh (Carinsham)	dominant variables are friction and a model and Su (mainly and from dive area
ฮ	Gowa4_1G401	1 20	along the waal, upstream of Diesposch (Gommenn)	Ution and variables are motion angle, model and 50 (mainly sand from dike core a High SE, char, even higher for mean values of the strength parameters (4,72 to 4
	yanınıa_cılal = hetə –	1.30	Based on regional COMA triavial and DSS for St defaults for DO	nigh of _onal, even nigher for mean values of the strength parameters (1.72 to 1
	υσια –	1.21	case computed also with one herm	Slip plane through sand core
			כמסט טטוויףעובע מוסט איונוי טווב שלוווי	one plane anough sand core

tend model uncertainty sharp lowering in SF above WL

sing (towards the crest) with WL

l", "keli van gorkum")

ne blanket (Gorkum)

oven_veen" and "klei_onder_ve

ner relatively relevant Su layers:

-16" and to some extend the m rying from +5.5m to crest +8.7r

-16" and to some extend the m rying from +3.5m to crest +6.7n

her WL

materiaal") and model factor; tc ed on mean values much higher

like body and upper clay layer

materiaal") and model factor; tc

hallow and mainly goes throug

and two other layers) 1.47, with WL changing from

10	Franeker_loc gamma_char = beta =	0.95 2.85	Waddenzeedijk, north of Leeuwarden Sand dike on clay with thick cover layer (~7m) Local data (CPT for POP and lab for Su), except for m values	uncertainty dominated by Su of Klei.cal, followed by model unc. And also, to som SF_char changes from 1.02 to 0.82 with WL varying from +1.5m to crest +8.2m; uplift for high WL ? Slip plane hardly changes with WL, is relatively shallow and mainly goes throug d
10a	Franeker_berm gamma_char = beta =	1.04 4.23	same as before 10 meter berm	uncertainty dominated by Su of Klei.cal, followed by model unc. And also, to som SF_char changes from 1.12 to 0.88 with WL varying from +1.5m to crest +8.2m; uplift for high WL ? Slip plane hardly changes with WL, is a deep plane (to the bottom of the blanket
11	Ijsselmeerdijk gamma_char = beta =	0.84 1.83	northern part of the Lake IJssel, west of Friesland simple schematization of a dike body of antropogene klei on top o based on default values	Su from the soil, model factor, leakage length becomes important with high WL SF_char changes from 0.85 to 0.59 with WL varying from +0.2m to crest +4.2m; uplift Slip plane gets slightly longer (along the interface of blanket and aquifer) with high
11a	Ijsselmeerdijk_berm gamma_char = beta =	0.99 3.56	same as before 15 meter berm (big hole filled)	Su from the soil, model factor, leakage length becomes important with high WL SF_char changes from 1.0 to 0.62 with WL varying from +0.2m to crest +4.2m; b uplift/reduction Slip plane gets slightly longer (along the interface of blanket and aquifer) with high
12	Zuiderzeedijk gamma_char = beta =	1.09 3.67	in the Katelmeer, north side Sand dike on clay, blanket of 4m of clay and humeus clay based on default values	uncertainties dominated by the Su from the humeous clay, the model unc. And th SF_char changes from 1.25 to 0.82 with WL varying from -0.25m to crest +4.2m strength reduction Slip does not change with WL
12a	Zuiderzeedijk_berm_20 gamma_char = beta =	1.18 6.33	same as before 20 meter berm	uncertainties dominated by the Su from the humeous clay, the model unc. and th SF_char changes from 1.47 to 1.07 with WL varying from -0.25m to crest +4.2m strength reduction Slip does not change with WL
13	41_M_401 gamma_char = beta =	0.99 4.45	Along the Maas, downstream of Appeltern simple schematization of a dike body and blaknket layer of clay (4 based on default values	uncertainties dominated by the Su from the clay layers, the model unc. and the to SF_char changes from 1.12 to 0.4 with WL varying from +6.25m to crest +8.7m; strength reduction Slip does not change with WL
13a	41_M_401_berm_10 gamma_char = beta =	1.17 5.12	same as before 10 meter berm	uncertainties dominated by the Su from the clay layers, the model unc. and the to SF_char changes from 1.23 to 1.11 with WL varying from +6.25m to crest +8.7m strength reduction Slip does not change with WL
14	Bergambacht gamma_char = beta =	0.90 3.13	Along the Lek (west), around Streefkerk (other side of the river) Clay on clay, with a thick peat layer in the middle of the thick clay- Based on report on local data, except exponent m	uncertainty dominated by Su of dijkmaterial, model unc. and also Su of hollandve SF_char constant (0.91) from +1.5m to +3.0m, changes from 0.91 to 0.88 with W no uplift medium deep slip does not change with WL
14a	Bergambacht_berm gamma_char = beta =	1.03 4.65	same as before 15 meter berm	uncertainty dominated by Su of dijkmaterial, model unc. and also Su of hollandve SF_char constant (1.04) from +1.5m to +3.0m, changes from 1.04 to 0.99 with W no uplift deep slip does not change with WL
15	Uitdam gamma_char = beta =	0.83 2.79	In the west of the Markermeer Clay on clay with a 12 m blanket of mainly clay (body), humeus cla Based on report of regional data	xxx SF_char changes from 0.83 to 0.78 with WL varying from +0m to crest +3.1m no uplift relatively shallow sleep plane for low WL and deep for high WL
150	Llitdam borm		samo as before	
IJ	gamma_char = beta =	1.08 5.39	13 meter berm	SF_char changes from 1.08 to 1.03 with WL varying from +0m to crest +3.1m no uplift deep slip plane changes slightly with the WL, it goes deeper (until the edge of her

ne extend, the friction angle of th ; becomes steeper after +7.1m

dike body and upper clay layer

ne extend, the friction angle of th ; becomes steeper after +7.1m

layer)

becomes steeper after +3.1m

her WL

becomes steeper after +2.5m

her WL

he friction of the sand core

he yield stress point 387

o some extend the yield stress | becomes steeper after +7.9m

some extend the yield stress |

een and Gorkum licht onder dijk VL varying from +3m to crest +5

een and Rand geul zandige klei WL varying from +3m to crest +5

t blanket/aquifer)

16	Afsluitdijk gamma_char = beta =	1.04 4.87	In between the Wanden sea and the Ijsselmeer simple schematization of a sand dike body and blaknket layer of o based on default values	model factor, Su of Klei_sand and klei_humeus_sand and some yield stress point CSF_char changes from 1.22 to 0.90 with WL varying from +1.0m to crest +10m no uplift deep slip does not change with WL
17	Livedike gamma_char = beta =	1.32 8.45	along the Eems (delta), south of Eemshaven sand dike body and blaknket layer of clay (12 m) Su based on regional data, rest based on default values	xxx xxx no uplift deep slip slightly changes with WL, becoming longer, towards the crest
18	41_M_28 gamma_char = beta =	0.86 4.19	Near Nijmegen, along the Maas Non-tidal Maas, clay on clay dike, type of clay 'Ks', with a blanket Based on default data from the schematization guidelines of STB case computed also with one berm	uncertainty dominated by Su ratio (especially layer "Ks-dijklichaam", but also th re SF_char chages from 1.03 to 0.85 with WL varying from +10m to crest +13.2m, th I there is uplift for WL>12 m+NAP Slip plane does not change with WL, it goes until the bottom of the (relatively thin)
18a	41_M_28_berm_5 gamma_char = beta =	1.09 5.28	same as before 5 meter berm	uncertainty dominated by Su ratio (especially layer "Ks-dijklichaam", but also th re SF_char chages from 1.55 to 1.15 with WL varying from +10m to crest +13.2m, the there is uplift for WL>11.5 m+NAP Slip plane does not change with WL, it goes until the bottom of the (relatively thin)
19	41_W_237_Ite_1 gamma_char = beta =	1.00 4.16	Between Tiel and Nijmegen, along the Waal Non-tidal Rhine, clay on clay dike, type of clay 'Ks', covered with a Based on default data from the schematization guidelines of STB case computed also with one berm	uncertainty dominated by Su ratio (especially layer "dijklichaam", but also the rest a SF_char chages from 1.15 to 1.05 with WL varying from +6m to crest +13.2m, the I there is uplift/reduction for WL>10.5m+NAP Slip plane barely changes with the WL, it goes until the bottom of the (relatively th
19a	41_W_237_Ite_4 gamma_char = beta =	1.08 4.44	same as before 2.5 meter berm	uncertainty dominated by Su ratio (especially layer "dijklichaam", but also the rest SF_char chages from 1.32 to 1.07 with WL varying from +6m to crest +13.2m, the there seems to be uplift/reduction for WL>10m+NAP Slip plane changes with the WL, due to uplift, it goes until the bottom of the (relation
20	41_W_270_0 gamma_char = beta =	0.94 2.72	Between Tiel and Nijmegen, along the Waal Non-tidal Rhine, clay on clay dike, dike body from clay, and prese Based on default data from the schematization guidelines of STB case computed also with one berm	uncertainty dominated by Su ratio (especially layer "onder dijk", "dijkmateriaal", bu I SF_char chages from 1.10 to 0.93 with WL varying from +4.5m to crest +12.5m I reduction of strength, but no uplift ? Slip plane slightly changes with the WL, it goes until aquifer border, and longer for
20a	41_W_270_25 gamma_char = beta =	1.24 4.53	same as before 25 meter berm	uncertainty dominated by Su ratio (especially layer "onder dijk", "dijkmateriaal", bu SF_char chages from 1.47 to 1.22 with WL varying from +4.5m to crest +12.5m reduction of strength, but no uplift ? Slip plane barely changes with the WL, it goes until "klei onder dijk" for lower WL,
21	43001007_0 gamma_char = beta =	0.91 2.94	Along the river Waal, upstream of Vuren (near Gorkum) Non-tidal Rhine, clay on clay dike, dike body from clay, and prese Based on default data from the schematization guidelines of STB case computed also with two berms	uncertainty dominated by Su ratio (especially layer "dijklichaam", but also some o ISF_char chages from 0.96 to 0.89 with WL varying from +2.7m to crest +7.5m I no uplift Slip plane barely changes with WL, it goes in the bottom part of the blanket
21a	43001007_15 gamma_char = beta =	1.11 5.54	same as before 15 meters berm	uncertainty dominated by Su ratio (especially layer "H_Ro_k&z onder", but also "c SF_char chages from 1.24 to 1.08 with WL varying from +2.7m to crest +7.5m no uplift Slip plane barely changes with WL, it goes in the bottom part of the blanket
21b	43001007_25 gamma_char = beta =	1.28 7.54	same as before 30 meters berm	uncertainty dominated by Su ratio (especially layer "H_Ro_k&z onder", but also "c SF_char chages from 1.51 to 1.20 with WL varying from +2.7m to crest +7.5m no uplift Slip plane barely changes with WL, it goes in the bottom part of the blanket
22	Dp_5_521_Ite_steeper_1 gamma_char = beta =	0.84 1.92	Along the river Ijssel, upstream of Veessen (between Deventer an Non-tidal Rhine, clay on clay dike, dike body from clay, and prese Based on default data from the schematization guidelines of STB	n uncertainty dominated by Su ratio (especially layer "Klei dijk b") n SF_char chages from 0.93 to 0.84 with WL varying from +2.5m to crest +7m I uplift potential & reduction

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other clay layers) and model

dijklichaam") and model

dijklichaam") and model

Slip plane barely changes with WL, it goes in the bottom part of the blanket

22a	Dp_5_521_noberm gamma_char = beta =	1.02 3.49	same as before original talude	uncertainty dominated by Su ratio (especially layer "Klei dijk b") SF_char chages from 1.19 to 1.06 with WL varying from +2.5m to crest +4.7m uplift potential & reduction Slip plane barely changes with WL, it goes in the bottom part of the blanket and t
23	dp_190+000_basissom_0 gamma_char = beta =	0.55 -2.22	Along the Lek, on the west, downstream of Streefkerk Tidal Rhine, clay on clay, multi layer cross section, mainly compose Based on default data from the schematization guidelines of STB case computed also with one berm	uncertainty dominated by Su ratio (especially layer "dijksmateriaal oud") s SF_char chages from 0.65 to 0.55 with WL varying from +1m to crest +4.5m I Uplift for high water levels Slip plane does not change with WL, it goes until the bottom of the blanket (deep
23a	dp_190+000m_basissom_30 gamma_char = beta =	0.88 3.00	same as before 30 meters berm	uncertainty dominated by Su ratio (especially layer "gorkum zwaar" (bottom of the SF_char chages from 0.94 to 0.88 with WL varying from +1m to crest +4.5m Uplift for high water levels Slip plane does not change with WL, it goes until the bottom of the blanket (deep
24	DP92_0 gamma_char = beta =	0.82 2.27	Along the river Ijssel, upstream of Zutphen Non-tidal Rhine, clay on clay dike, dike body from clay, and prese Based on default data from the schematization guidelines of STB case computed also with one berm	uncertainty dominated by Su ratio (especially layer "klei dijk" and "klei zandig") In SF_char chages from 1.03 to 0.84 with WL varying from +8.2m to crest +11.3m I uplift/reduction for WL>10.2m+NAP Slip plane does not change with WL
24a	Dp92_5 gamma_char = beta =	1.04 4.21	same as before 5 meters berm	uncertainty dominated by Su ratio (especially layer "klei dijk" and "klei zandig") SF_char chages from 1.18 to 1.04 with WL varying from +8.2m to crest +11.3m uplift/reduction for WL>10.2m+NAP Slip plane does not change with WL
25	DV13_0 gamma_char = beta =	1.22 5.08	In the west of the Ijsselmeer, south of Den Oever Ijssel lake area, clay dike on clay, old dike in clay, hightened with Based on default data from the schematization guidelines of STB case computed also with one berm	uncertainty dominated by Su ratio (especially layer "klei cal" and "klei dyk") and r ; SF_char chages from 1.22 to 1.02 with WL varying from +1.75m to crest +3.7m I no uplift Slip plane barely changes with WL, goes to the bottom of "KLEI_cal"
25a	DV13_3 gamma_char = beta =	1.55 7.24	same as before 15 meters berm	uncertainty dominated by Su ratio (especially layer "klei cal" and "klei dyk") and r SF_char chages from 1.55 to 1.36 with WL varying from -0.6m to crest +3.7m (cr no uplift Slip plane barely changes with WL, goes to the bottom of "KLEI_cal"
26	dwp0_lte_0 gamma_char = beta =	0.96 4.97	Along the Oude Maas, south of Rotterdam, near Barendrecht Tidal Rhine, clay on clay, mix of Hollandveen and Gotkum licht ur Based on default data from the schematization guidelines of STB	uncertainty dominated by model factor and slightly Su ratio of the layer "Gorkum n SF_char chages from 1.08 to 0.96 with WL varying from +3.1m to crest +4.4m (o I no uplift Slip plane does not change with WL
27	wsno_0161_0 gamma_char = beta =	1.07 4.19	Western Scheldt near Kruidinigen, east of Goes Western Scheldt area, sand on clay, blanket ~ 6m of Duinkerke k Based on default data from the schematization guidelines of STB case computed also with one berm	uncertainty dominated by Su ratio (especially layer "Calais Klei") and model I SF_char chages from 1.15 to 0.85 with WL varying from +2.9m to crest +9m I no uplift Slip plane barely changes with WL, goes to the bottom of "Calais klei" (blanket)
27a	wsno_0161_20 gamma_char = beta =	1.11 5.74	same as before 20 meters berm	uncertainty dominated by Su ratio (especially layer "Calais Klei") and model. after SF_char chages from 1.33 to 0.95 with WL varying from +2.9m to crest +9m no uplift Slip plane barely changes with WL, goes to the bottom of "Calais klei" (blanket)

then into the aquifer!

and long)

ne blanket))

and long)

model (constant from -0.6 to 1.75)

model constant from -0.6 to 1.75)

licht" constant from 1.8 to 3.1)

er meta model the uncertainty is

beta = reliability index Fp = fragility curve point WL = Water Level FC = Fragility curve (beta vs WL)		
Check level 1	Comments on check level 1	
I miss the dsx at various WL FC not always decreasing	See 2nd computation (beta 1st = 4.05, beta 2nd = 3.93)	
SF_char does zig-zag	very sensitive to grid settings, in the end the beta curve is decreasing (iterations converge to the correct sli	o plane)
I miss the dsx at various WL The toe location should be moved to make the PL1 more realis	recalculation	
I miss the dsx at various WL I miss the dsx for design point		
design point of the WL higher than the crest		
MHW and norm do not match า	corrected for SF	
MHW and norm do not match design point of the WL higher than the crest	corrected for SF	
MHW and norm do not match (1.6 for +7.7m WL)	corrected for SF	
MHW and norm do not match	corrected for SF	
dike body and upper clay layer		
MHW and norm do not match Design point water level higher than crest; high influence wate	corrected for SF r level and high beta explain this	

e sand and Su of other clay layers		

he sand and Su of other clay layers	
alia plana gaing trhough the good for high water lovalall	
sip plane going imough the sand for high water levels!!	
slip plane going trhough the sand for high water levels!!	
).2m	
(deeper and under the dike)	
j.2m	
parameters not correct (wrong standard deviation)	
parameters not correct (wrong standard deviation)	

seems to be giving quite high beta!! check norm beta		
narameters under review!!		
nes slightly important after 12 m +NAP	curve corrected, checked with auto calculation for 13 water levels	
or WL > 12m+NAP		
nc. And to some extend the yield stress points		
or WL > 11.5m+NAP		
sudden fall ?	sudden fall is caused by uplift for fragility points 4 and 5 looks all OK, the SE in all the intermediate files are almost equal	
	the slip plane also changes from the point that uplift occurs: from shallow to deep	
sudden fall ?	sudden fall is not caused by multiplication factor for unlift for fragility points 4 and 5	Tried all these optimizat
SF last WL = 1001	the long slip circle does look strange	Result is unreliable.
	Additionally, there is a horizontal split in the layers below and next to the dike, so	> schematisering beho
s longer	the bottom of hydrostatic zone is wrongly place. Needs recalculation	
Su dijkmaterial is not consistent with other cases, 0.25 inste	ad Su dijkmaterial is not consistent with other cases, 0.25 instead of 0.31	
	A large part of the slip circle is actually through this material. The beta could be higher	
)	Su dijkmaterial is not consistent with other cases, 0.25 instead of 0.31	
	A large part of the slip circle is actually through this material. The beta could be higher	
her WL		
	check slip circle: SF in design point is 1.03. Equals the model factor so should be OK curve corrected: 2nd point is lower than the rest. 3rd. 4th. 5th have each a lower slip circle	
	The first iteration in the inner loop for the 2nd water level resulted beta 2.95 so OK to delete	
dsx file of the design point gives a slip plane through the be	rm This was due to bad grid settings. The minimum safety curve is at a different position and has SF equal t	to the model factor
	Moreover, all fragility points are calculated with the slip circle through the crest	
1		



oeft mogelijk nog aanpassing

zig-zag > corrected curve, check if it is good choice or if it ne	ecSF-wl-curve (mean and char) shows exactly the same behaviour with decreasing and increasing curve 1st and 2nd water level shallow slip circle, 3rd 4th 5th deep slip circles + increasing beta Needs review and recalculation	Tried all these optimization Result is unreliable.
zig-zag > corrected curve, check last design point CRASHES!	Highest water level can not be calculated, because PL1 exceeds geometry. Deleting is the best solution, since the design point is at a lower water level.	I
corrected curve, check	It looks like bad convergence for the FORM iteration of the 4th water level, since the Leakage length out is very important in that specific calculation and the SF is not equal to the model factor design point m 1.0 It looks like deleting is the best solution, rather than recalculating with with more FORM iterations	wards 04 vs SF 1.05.
corrected curve, check	The prob calculation for the 4th water level did not converge in the inner loop. It resulted an endless loop Deleting is the best solution, since the design point is at a lower water level.	
needs recomputation MM with 4 Fp to aquire final beta corrected curve, check	It is not clear which of the fragility points has to be deleted. Anyway it does not (yet) influence the final rest advised to check the case with an automatic calculation for more water levels and a refined grid Additionally: the soils below and next to the dike should be separate materials to prevent averageing.	Result is unreliable.
strange value @ SF_char (dip) used recalculated SF	The strange dip for the 2nd waterlevel in the SF-wl for characteristic values is caused by an error in the k probably fixed now. For the calib, use the recalculated SF (1.55)	ernel which is
sophia, check + note multiplication factor is present!!!! 2aquifers? GHW missing!!	Calculation of the case should be redone with the following amendments multiplication should not be input just a sandy layer, no 2 aquifers GHW should be input	Curve goes a bit up firs
WNC parameters multiplication factor is present!!!!	Calculation of the case should be redone with the following amendments No multiplication factor, no traffic load, WNC PL1 defaults, Ringtoets WTI, Sand dike on clay	Case finished and appr
sophia, check + note WNC ok!	Not enough tangent lines used. The SF in the designpoint (1.08) is not equal to the model factor in the design point (1.12)	recalculating on wcp000





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