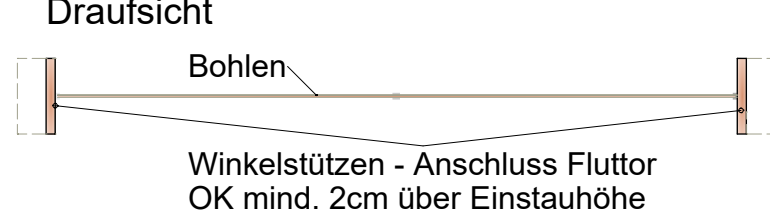


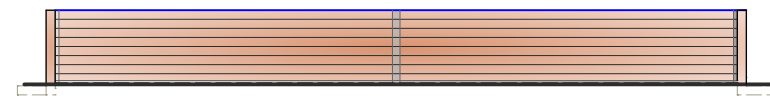


- LEGENDE
- Sicherungsmaßnahmen - Wall, Zufahrtssicherung, Fluttor
 - Regenereignis
 - Überflutungsbereich im Havariefall
 - Einstauhohizont
 - Geländelinie

Prinzipskizze - Anschluss Fluttor



Ansicht



Prinzipfoto



Querschnitt Havariewall gem. Standsicherheitsnachweis Böschung Erdwall
Büro für Geowissenschaften M&O GbR, 04. Dezember 2020



KOSTRA-DWD-2010R-Einzelwerte

Nach den Vorgaben des Deutschen Wetterdienstes - Hydrometeorologie -																		
Bezeichnung: 014 - 040 Mittelwert (RM)																		
Niederschlagsperiode: 12/12																		
Zeitspanne: 1200h-WP-2010R																		
Rechenfeldgröße: 14, Zeile: 40																		
Berechnung der Dauerstufen nach KOSTRA-WP-2010R																		
Berechnung der Dauerstufen (D <= 60min) u hyperbolisch, w doppelt logarithmisch																		
Berechnung der Dauerstufen (D > 60min < 24h) u und w doppelt logarithmisch																		
Berechnung der Dauerstufen (D > 24h) u doppelt und w einfach logarithmisch																		
	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	20.00	25.00	30.00	33.00	50.00	100.00	
1min	161.98	289.32	327.01	349.32	371.90	391.24	406.59	423.92	441.24	458.56	475.88	493.20	510.52	527.84	545.16	562.48	611.79	661.10
5min	105.56	183.15	209.29	225.39	241.49	257.59	273.69	289.79	305.89	321.99	338.09	354.19	370.29	386.39	402.49	418.59	454.69	490.79
15min	89.53	153.86	173.67	189.16	204.65	220.14	235.63	251.12	266.61	282.10	297.59	313.08	328.57	344.06	359.55	375.04	406.08	437.12
30min	79.33	138.96	156.44	173.92	191.40	208.88	226.36	243.84	261.32	278.80	296.28	313.76	331.24	348.72	366.20	383.68	410.40	437.12
45min	71.62	126.70	143.78	160.86	177.94	195.02	212.10	229.18	246.26	263.34	280.42	297.50	314.58	331.66	348.74	365.82	392.40	419.00
1h	65.11	115.58	131.05	146.52	161.99	177.46	192.93	208.40	223.87	239.34	254.81	270.28	285.75	301.22	316.69	332.16	354.00	375.84
2h	58.10	104.50	118.96	133.42	147.88	162.34	176.80	191.26	205.72	220.18	234.64	249.10	263.56	278.02	292.48	306.94	325.20	343.46
3h	54.10	98.50	112.96	127.42	141.88	156.34	170.80	185.26	199.72	214.18	228.64	243.10	257.56	272.02	286.48	300.94	319.20	337.46
4h	51.62	95.70	110.16	124.62	139.08	153.54	168.00	182.46	196.92	211.38	225.84	240.30	254.76	269.22	283.68	298.14	316.40	334.66
6h	47.11	89.50	103.96	118.42	132.88	147.34	161.80	176.26	190.72	205.18	219.64	234.10	248.56	263.02	277.48	291.94	310.20	328.46
8h	44.62	86.99	101.45	115.91	130.37	144.83	159.29	173.75	188.21	202.67	217.13	231.59	246.05	260.51	274.97	289.43	307.69	325.95
12h	41.11	82.46	96.92	111.38	125.84	140.30	154.76	169.22	183.68	198.14	212.60	227.06	241.52	255.98	270.44	284.90	303.16	321.42
18h	37.59	77.94	92.40	106.86	121.32	135.78	150.24	164.70	179.16	193.62	208.08	222.54	237.00	251.46	265.92	280.38	298.64	316.90
24h	35.10	75.46	90.92	105.38	119.84	134.30	148.76	163.22	177.68	192.14	206.60	221.06	235.52	250.00	264.46	278.92	297.18	315.44
36h	33.59	73.95	89.41	103.87	118.33	132.79	147.25	161.71	176.17	190.63	205.09	219.55	234.01	248.47	262.93	277.39	295.65	313.91
48h	32.08	72.44	87.90	102.36	116.82	131.28	145.74	160.20	174.66	189.12	203.58	218.04	232.50	246.96	261.42	275.88	294.14	312.40
72h	30.57	70.93	86.39	100.85	115.31	129.77	144.23	158.69	173.15	187.61	202.07	216.53	230.99	245.45	259.91	274.37	292.63	310.89
108h	29.06	69.42	84.88	99.34	113.80	128.26	142.72	157.18	171.64	186.10	200.56	215.02	229.48	243.94	258.40	272.86	291.12	309.38
144h	27.55	67.91	83.37	97.83	112.29	126.75	141.21	155.67	170.13	184.59	199.05	213.51	227.97	242.43	256.89	271.35	289.61	307.87
180h	26.04	66.40	81.86	96.32	110.78	125.24	139.70	154.16	168.62	183.08	197.54	212.00	226.46	240.92	255.38	269.84	288.10	306.36
216h	24.53	64.89	80.35	94.79	109.25	123.71	138.17	152.63	167.09	181.55	196.01	210.47	224.93	239.39	253.85	268.31	286.57	304.83
252h	23.02	63.38	78.84	93.26	107.72	122.18	136.64	151.10	165.56	180.02	194.48	208.94	223.40	237.86	252.32	266.78	285.04	303.30
288h	21.51	61.87	77.33	91.75	106.21	120.67	135.13	149.59	164.05	178.51	192.97	207.43	221.89	236.35	250.81	265.27	283.53	301.79
324h	20.00	60.36	75.82	90.24	104.70	119.16	133.62	148.08	162.54	177.00	191.46	205.92	220.38	234.84	249.30	263.76	282.02	300.28
360h	18.49	58.85	74.31	88.73	103.19	117.65	132.11	146.57	161.03	175.49	189.95	204.41	218.87	233.33	247.79	262.25	280.51	298.77
400h	17.48	57.34	72.80	87.22	101.68	116.14	130.60	145.06	159.52	173.98	188.44	202.90	217.36	231.82	246.28	260.74	279.00	297.26
440h	16.47	55.83	71.29	85.71	100.17	114.63	129.09	143.55	158.01	172.47	186.93	201.39	215.85	230.31	244.77	259.23	277.49	295.75
480h	15.46	54.32	69.78	84.20	98.66	113.12	127.58	142.04	156.50	170.96	185.42	199.88	214.34	228.80	243.26	257.72	276.00	294.24
520h	14.45	52.81	68.27	82.69	97.15	111.61	126.07	140.53	155.00	169.46	183.92	198.38	212.84	227.30	241.76	256.22	274.49	292.73
560h	13.44	51.30	66.76	81.18	95.64	110.10	124.56	139.02	153.48	167.94	182.40	196.86	211.32	225.78	240.24	254.70	273.00	291.22
600h	12.43	49.79	65.25	79.71	94.13	108.59	123.05	137.51	151.97	166.43	180.89	195.35	209.81	224.27	238.73	253.19	271.51	289.71
640h	11.42	48.28	63.74	78.20	92.62	107.08	121.54	136.00	150.46	164.92	179.38	193.84	208.30	222.76	237.22	251.68	269.99	288.20
680h	10.41	46.77	62.23	76.69	91.11	105.57	120.03	134.49	148.97	163.43	177.89	192.35	206.81	221.27	235.73	250.19	268.48	286.69
720h	9.40	45.26	60.72	75.18	89.54	104.06	118.52	132.98	147.46	161.90	176.36	190.82	205.28	219.74	234.20	248.66	267.00	285.18
760h	8.39	43.75	59.21	73.67	88.03	102.55	117.01	131.47	145.95	160.39	174.85	189.31	203.77	218.23	232.69	247.15	265.50	283.67
800h	7.38	42.24	57.70	72.16	86.52	101.04	115.50	130.00	144.48	158.88	173.34	187.80	202.29	216.75	231.21	245.63	264.00	282.16
840h	6.37	40.73	56.19	70.65	85.01	99.53	114.00	128.53	143.01	157.41	171.87	186.33	200.79	215.25	229.71	244.11	262.49	280.65
880h	5.36	39.22	54.68	69.14	83.50	98.02	112.49	127.02	141.54	155.90	170.38	184.84	199.29	213.75	228.21	242.60	260.98	279.14
920h	4.35	37.71	53.17	67.63	81.99	96.51	110.98	125.51	140.07	154.41	168.85	183.31	197.76	212.22	226.68	241.09	259.47	277.63
960h	3.34	36.20	51.66	66.12	80.48	95.00	109.47	124.00	138.58	152.92	167.36	181.82	195.78	210.75	225.21	239.68	257.96	276.12
1000h	2.33	34.69	50.15	64.61	78.97	93.49	107.96	122.49	137.07	151.43	165.87	180.33	194.29	208.75	223.21	237.68	256.45	274.61
1040h	1.32	33.18	48.64	63.10	77.46	91.98	106.45	120.98	135.56	149.94	164.38	178.79	192.70	207.16	221.62	236.09	254.94	273.10
1080h	0.31	31.67	47.13	61.59	75.95	90.47	104.94	119.47	134.05	148.43	162.87	177.28	191.69	205.65	220.11	234.58	253.43	271.59
1120h		30.16	45.62	60.08	74.44	88.96	103.43	117.96	132.54	146.92	161.36	175.77	189.69	203.65	218.11	232.58	251.92	270.08
1160h		28.65	44.11	58.57	72.93	87.45	101.92	116.45	131.03	145.41	159.83	173.74	187.66	201.62	216.08	230.55	249.41	268.57
1200h		27.14	42.60	57.06	71.42	85.94	100.41	114.94	129.52	143.90	158.32	172.24	186.16	200.12	214.54	228.96	247.88	267.06
1240h		25.63	41.09	55.55	69.91	84.43	98.90	113.43	128.01	142.39	156.81	170.72	184.64	198.56	212.96	227.38	246.39	265.55
1280h		24.12	39.58	54.04	68.40	82.92	97.39	111.92	126.50	140.88	155.30	169.22	183.14	197.06	211.48	225.90	244.90	264.04
1320h		22.61	38.07	52.53	66.89	81.41	95.88	110.41	125.00	139.37	153.79	167.70	181.62	195.54	209.46	223.88	243.41	262.53
1360h		21.10	36.56	51.02	65.38	80.90	94.37	108.90	123.49	137.86	151.79	165.70	179.62	193.54	207.46	221.88	241.90	261.02
1400h		19.59	35.05	49.51	63.87	79.39	92.86	107.39	121.98	136.35	150.26	164.18	178.10	192.02	205.94	219.86	240.39	259.51
1440h		18.08	33.54	48.00	62.36	77.88	91.35	105.88	120.47	134.84	148.76	162.68	176.60	190.52	204.44	218.36	238.88	258.00
1480h		16.57	32.03	46.49	60.85	76.37	89.84	104.37	118.96	133.33	147.25	161.16	175.08	189.00	202.92	216.84	237.37	256.49
1520h		15.06	30.52	44.98	59.34	74.86	88.33	102.86	117.45	131.82	145.74	159.66	173.58	187.50	201.42	215.36	235.86	254.98
1560h		13.55	29.01	43.47	57.83	73.35	86.82	101.35	115.94	130.31	144.23	158.14	172.06	186.00	200.00	214.30	234.35	253.47
1600h		12.04	27.50	41.96	56.32	71.84	85.31	99.84	114.43	128.84	142.75	156.66	170.58	184.50	198.42	212.32	232.84	251.96
1640h		10.53	25.99	40.45	54.81	70.33	83.80	97.33	111.92	126.33	140.24	154.15	168.06	181.98	195.90	210.81	231.33	250.45
1680h		9.02	24.48	38.94	53.30	68.82	82.29	94.82	109.41	123.82	137.73	151.64	165.55	179.46	193.38	207.29	229.82	248.94
1720h		7.51	22.97	37														