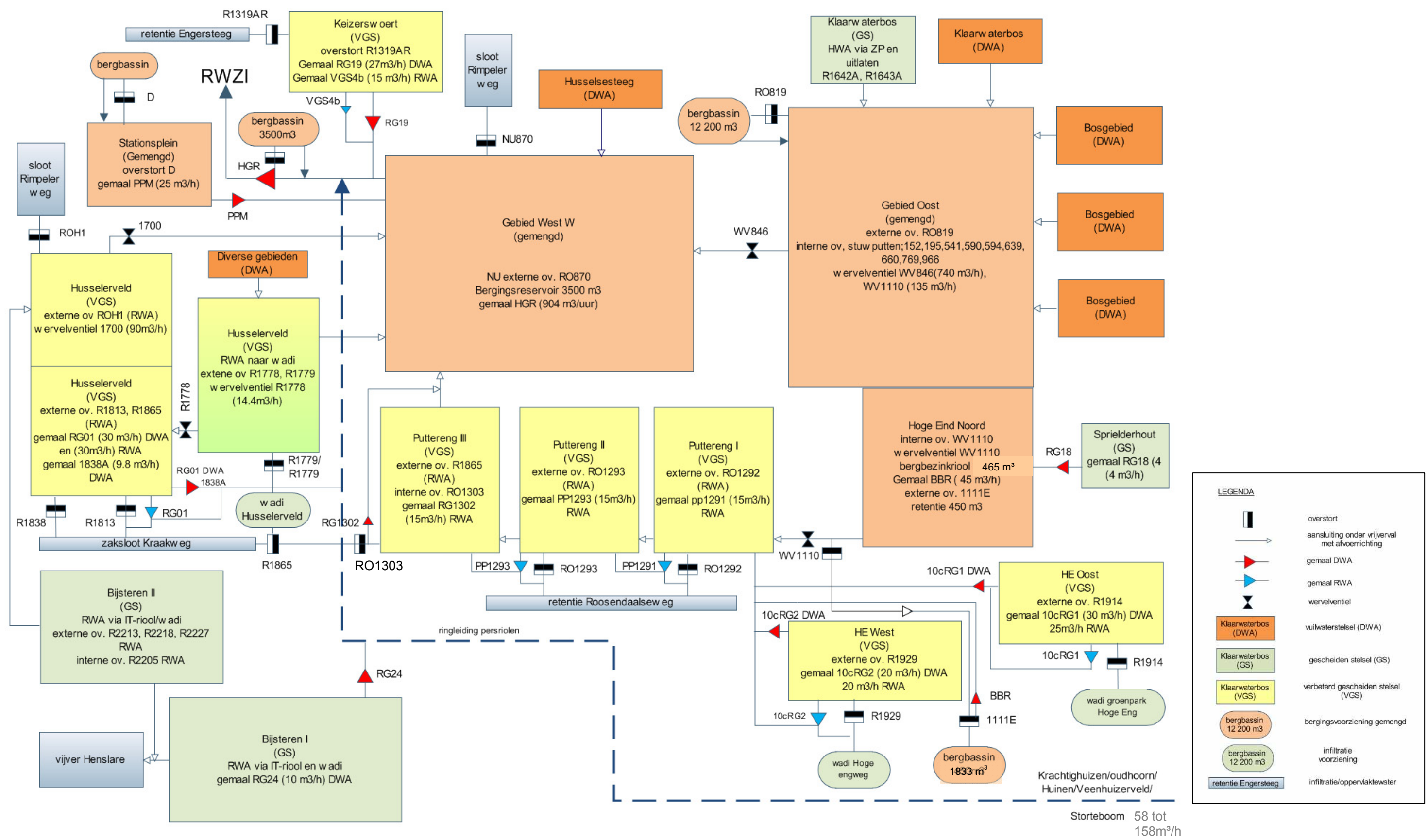


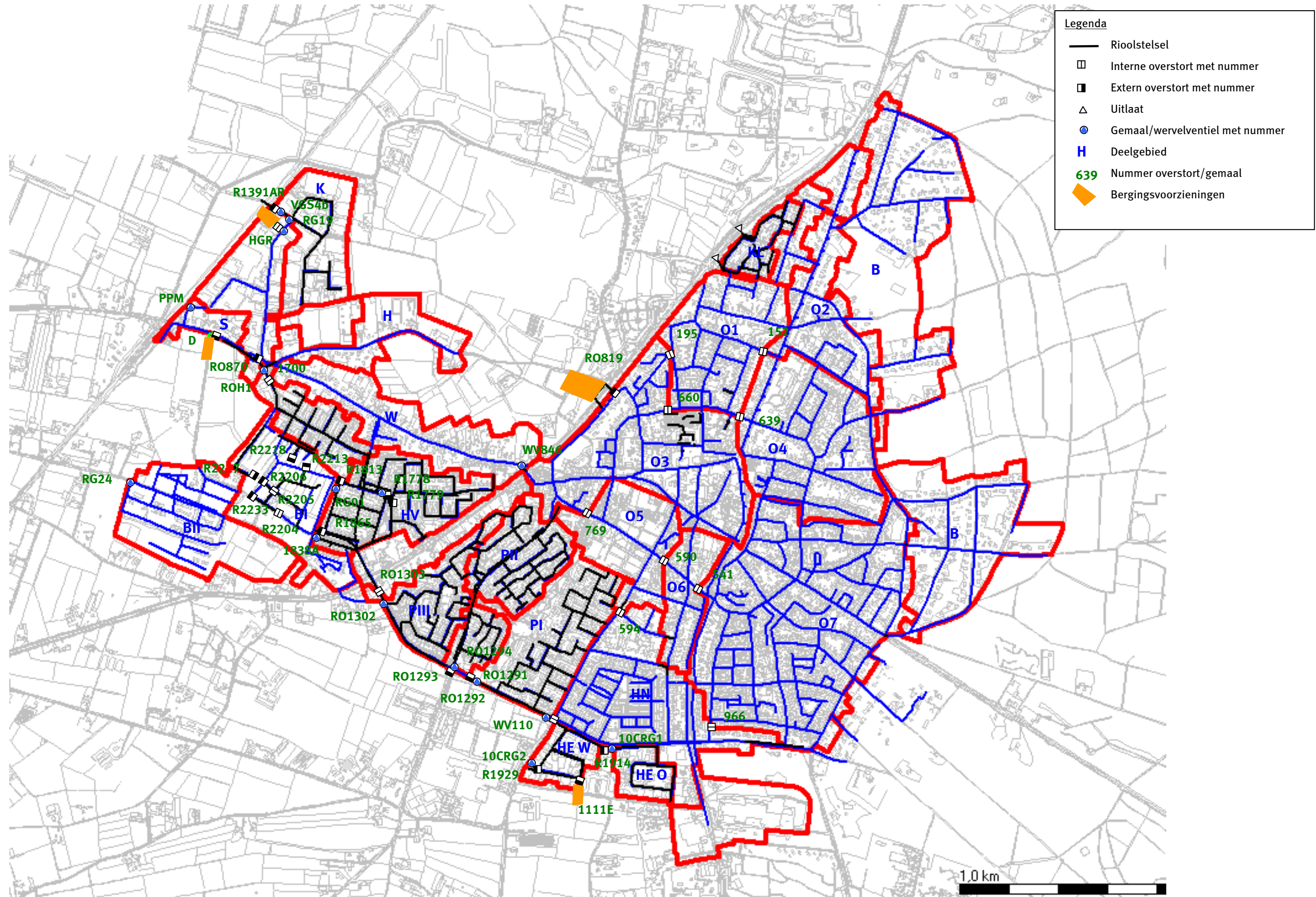
**Bijlage 3.1 : Schematisch overzicht rioolstelsel kern Putten**



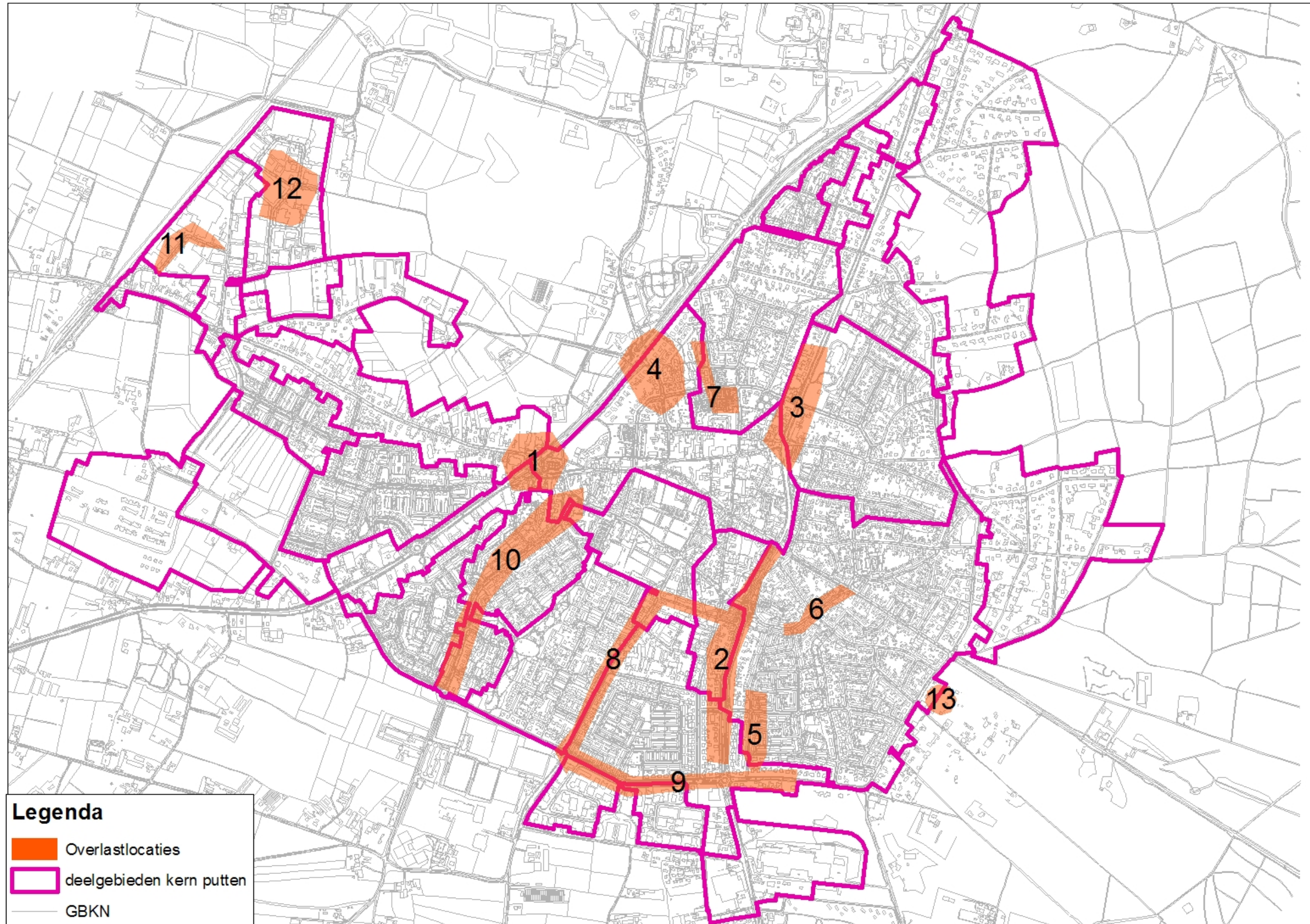
**LEGENDA**

	overstort
	aansluiting onder vrijerval met afvoerrichting
	gemaal DWA
	gemaal RWA
	wavelventiel
	wilwaterstelsel (DWA)
	gescheiden stelsel (GS)
	verbeterd gescheiden stelsel (VGS)
	bergingsvoorziening gemengd
	infiltratie voorziening
	infiltratie/oppervlaktewater

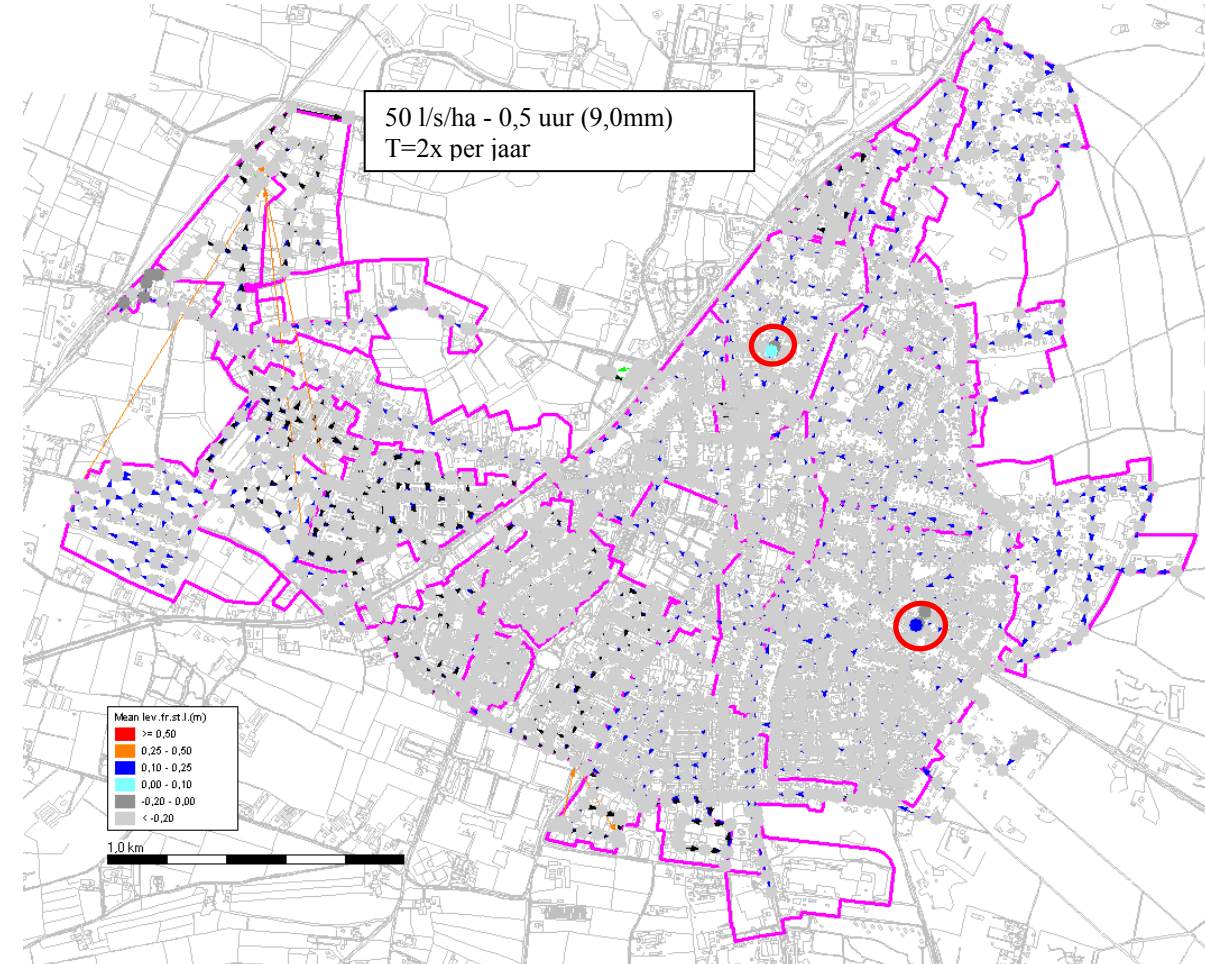
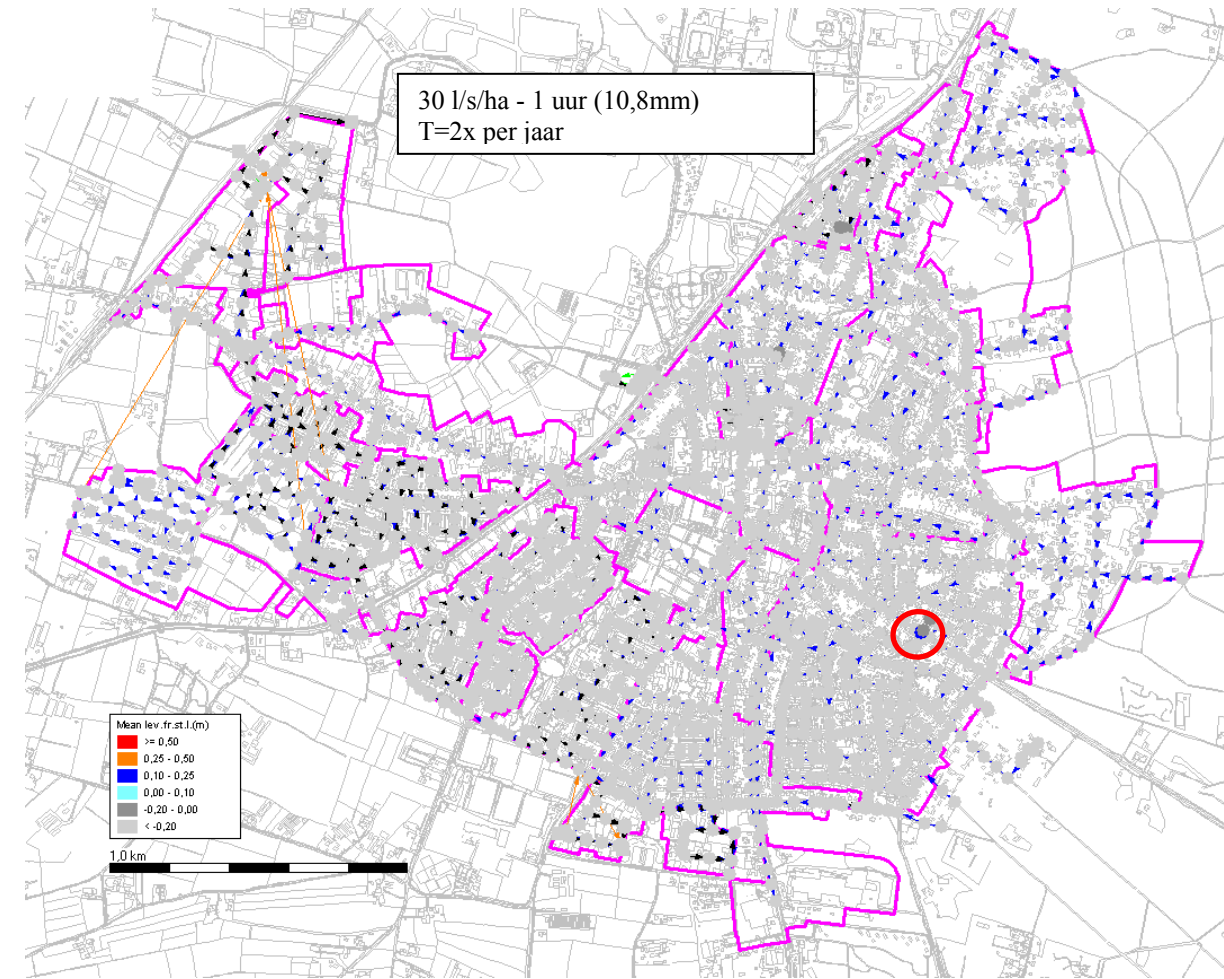
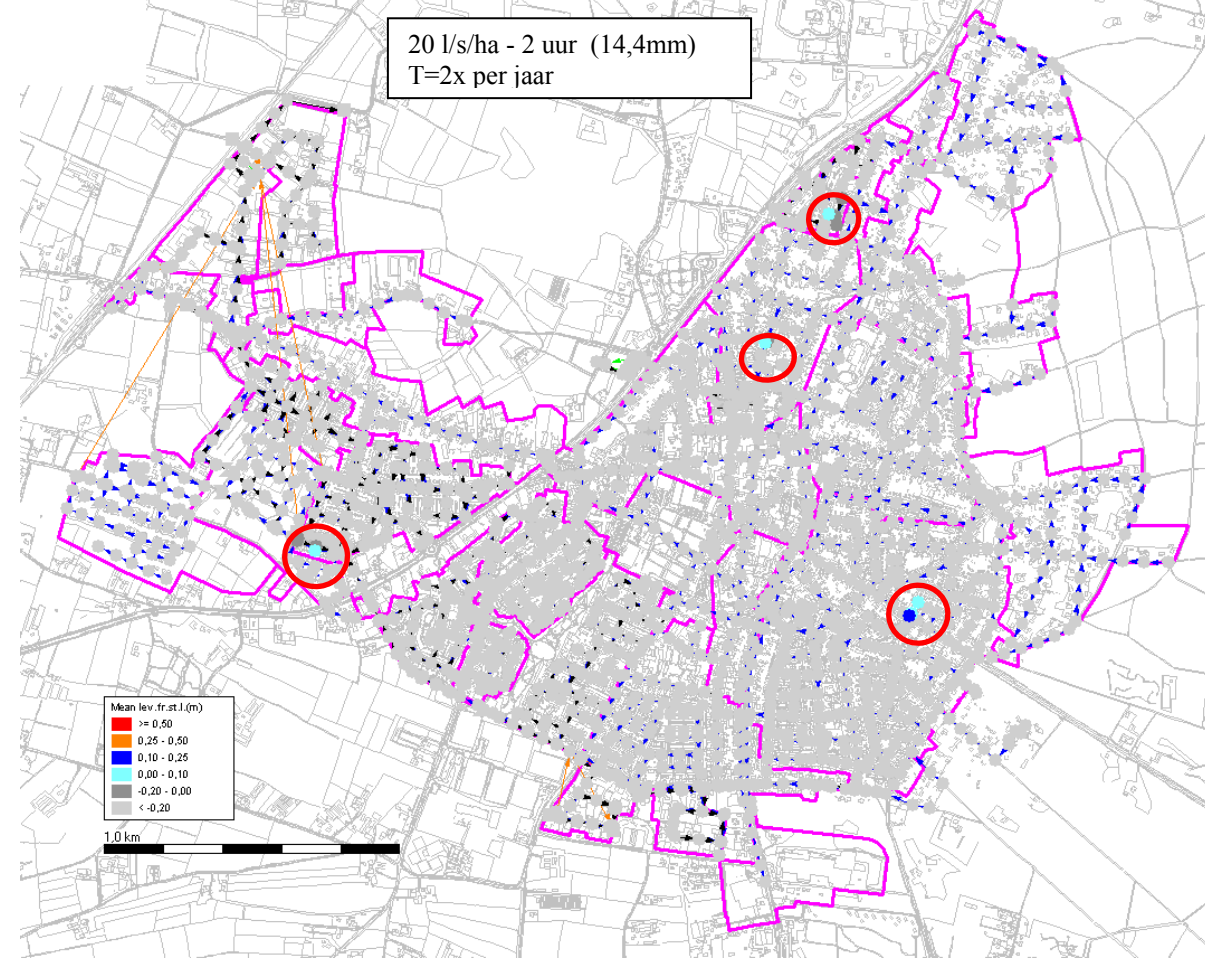
### Bijlage 3.2 : Overzicht bestaande riolering



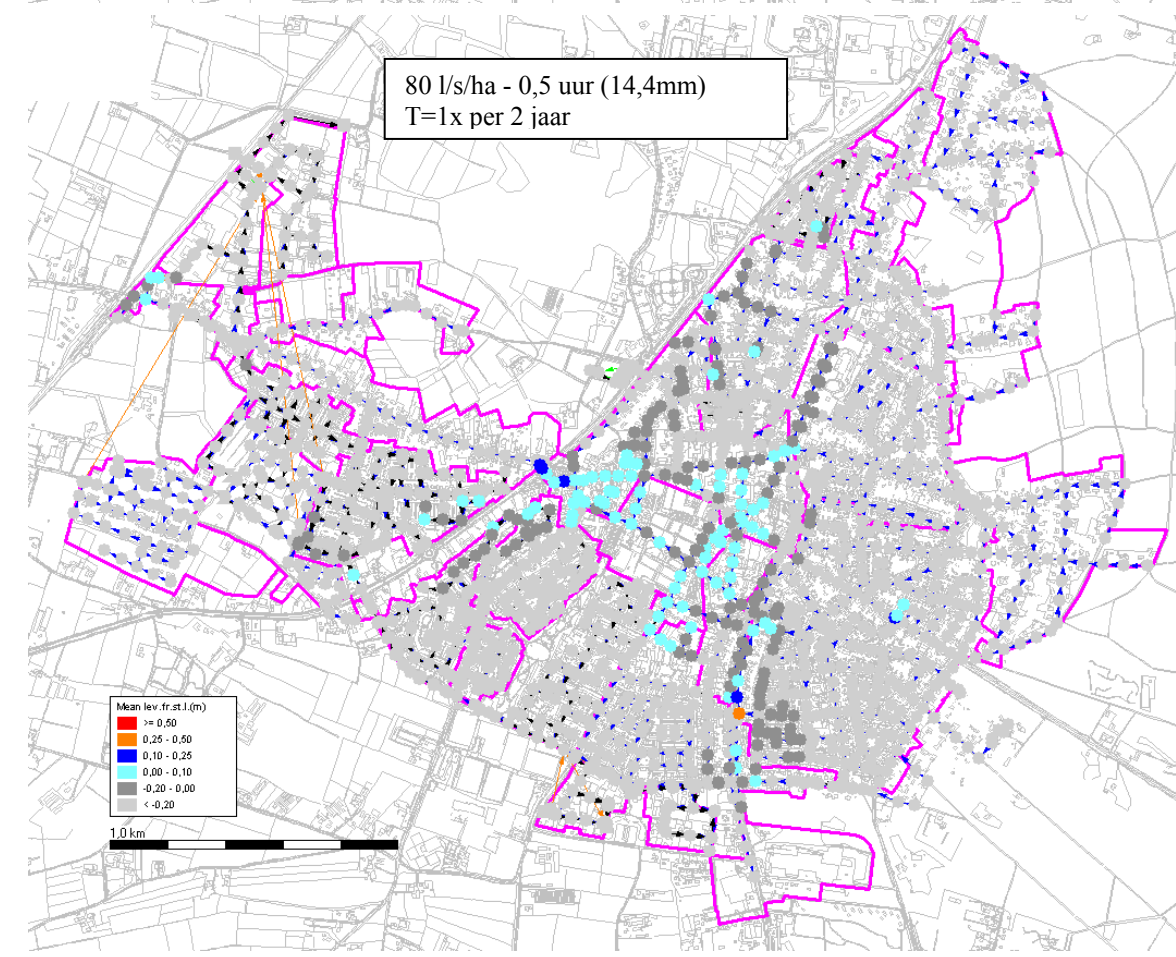
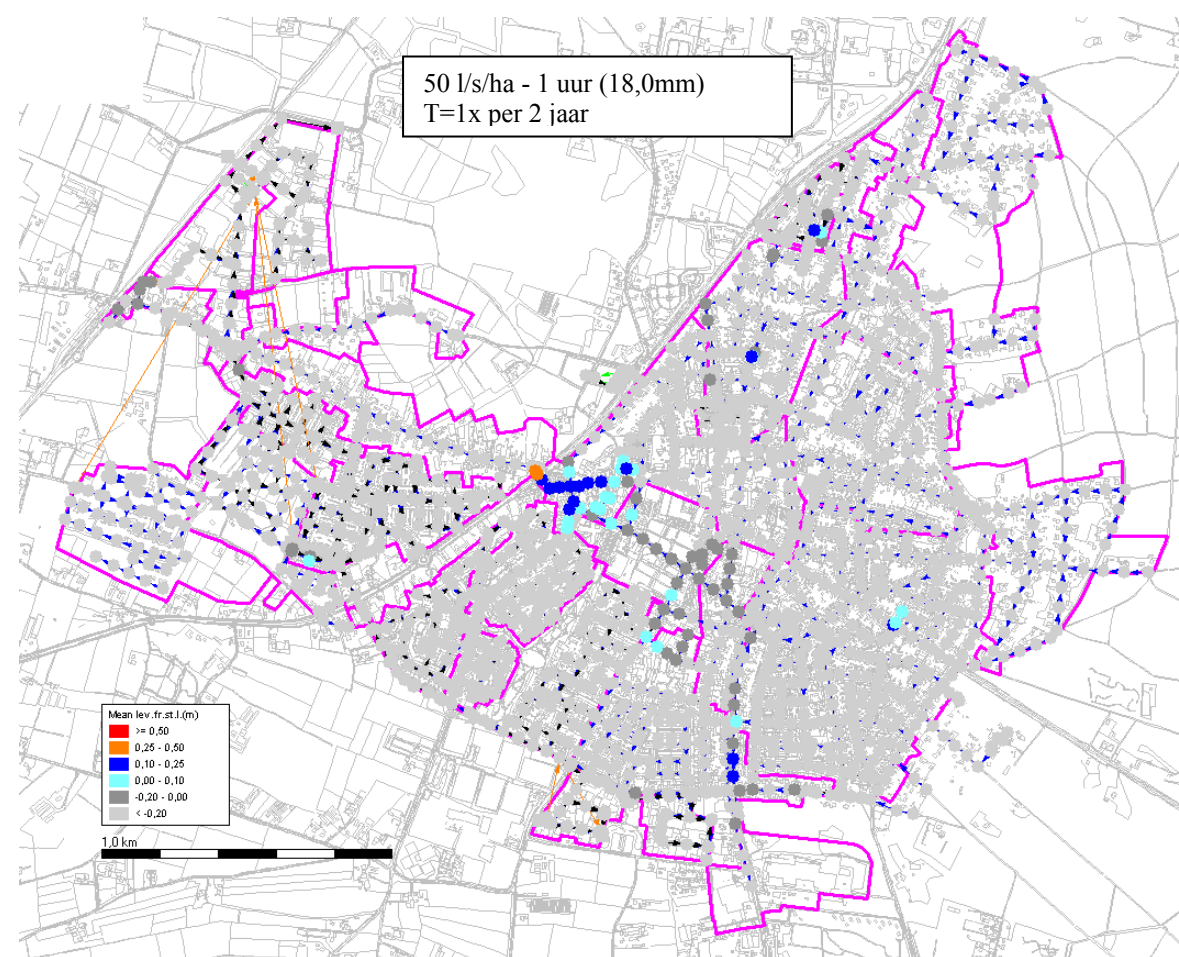
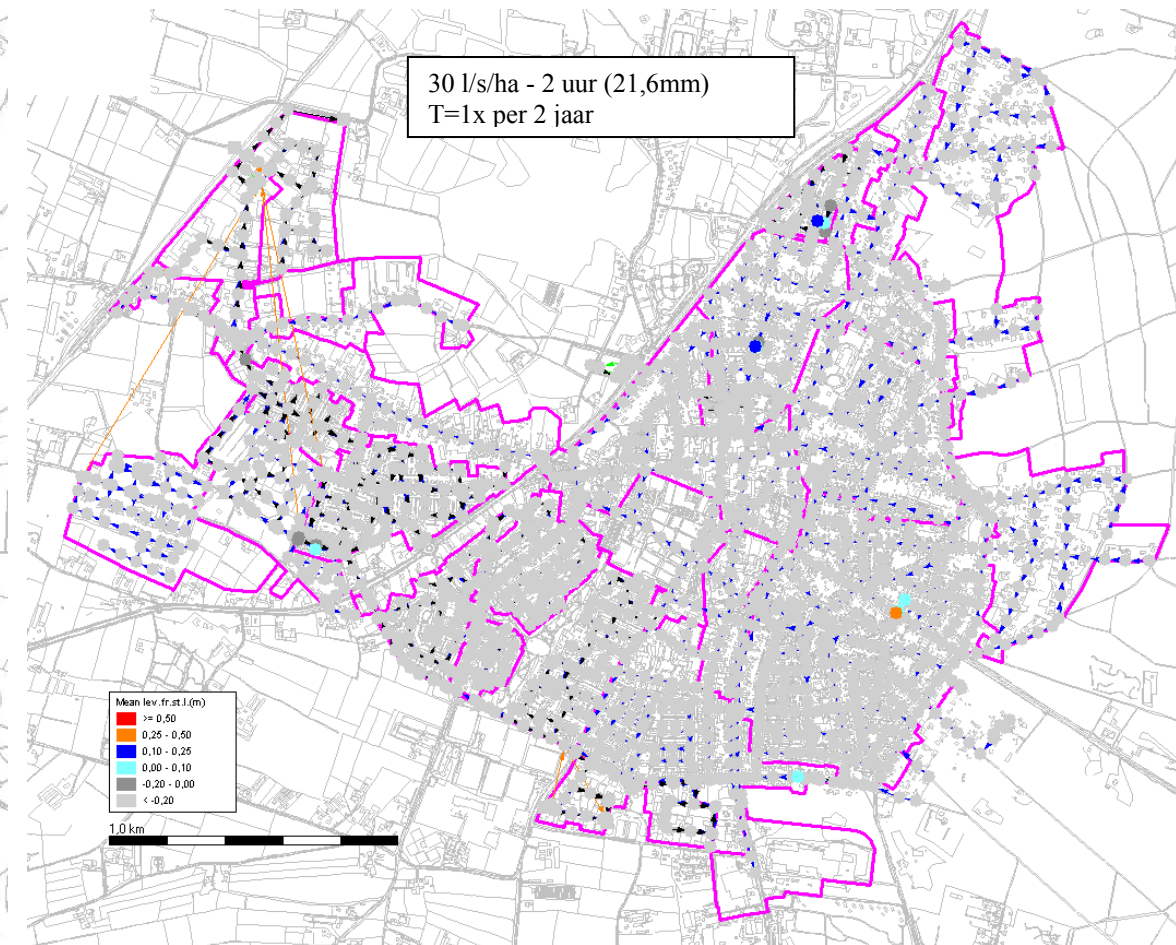
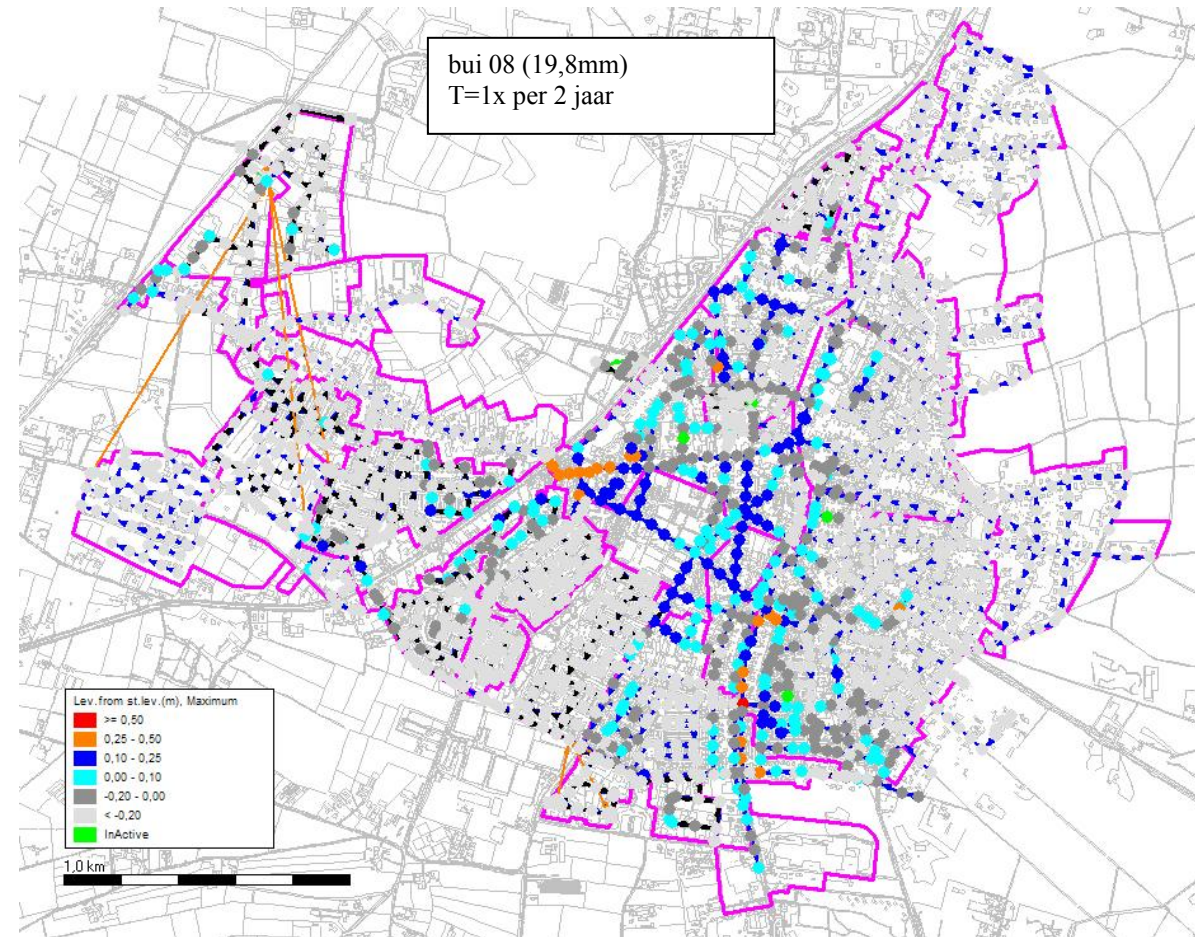
### Bijlage 3.3 : Locaties met water overlast in de praktijk



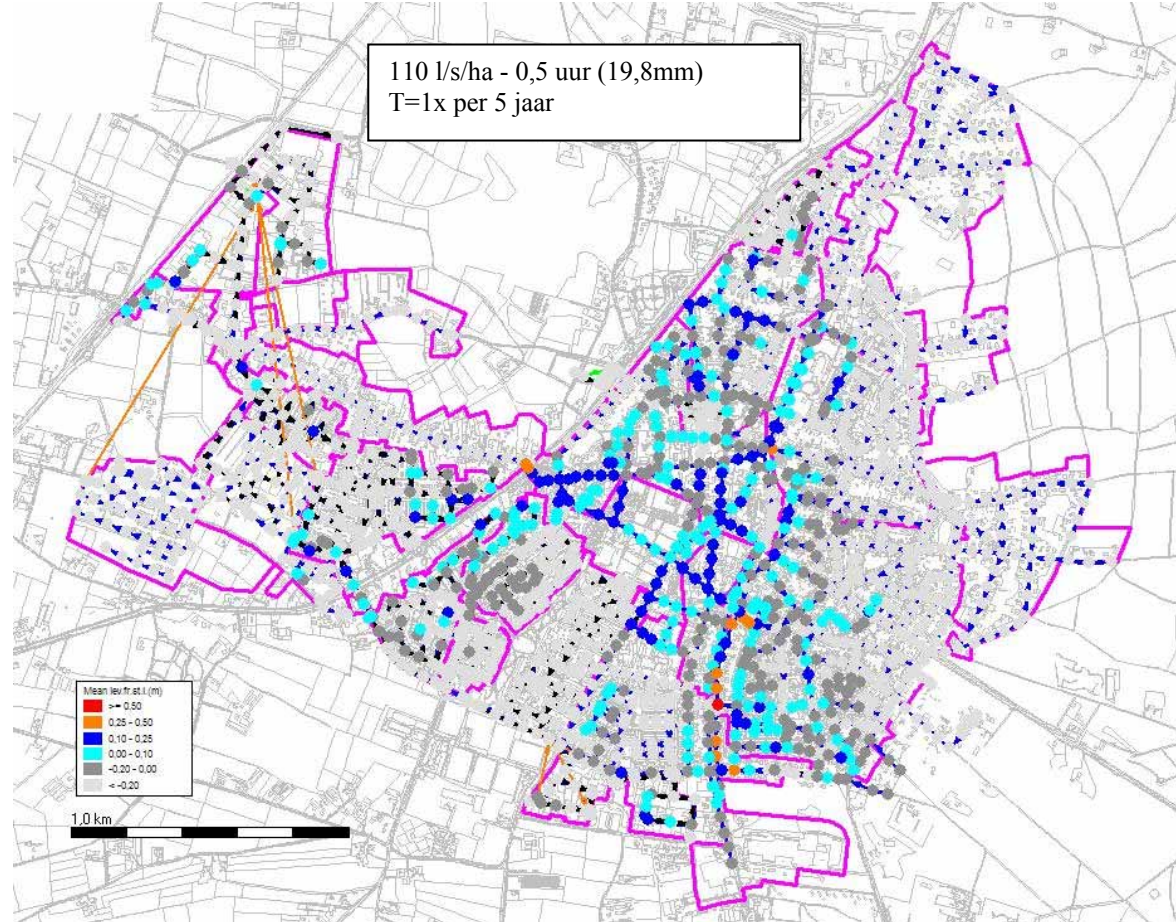
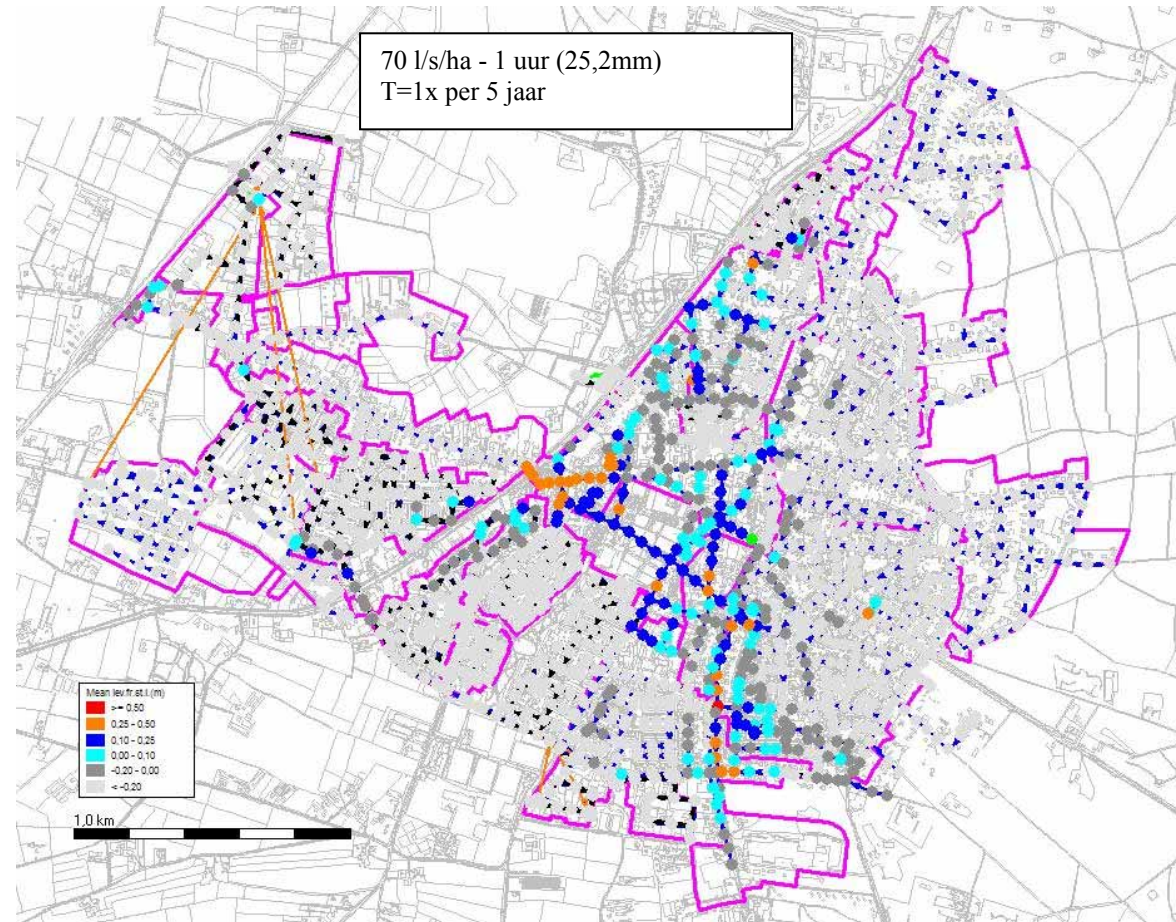
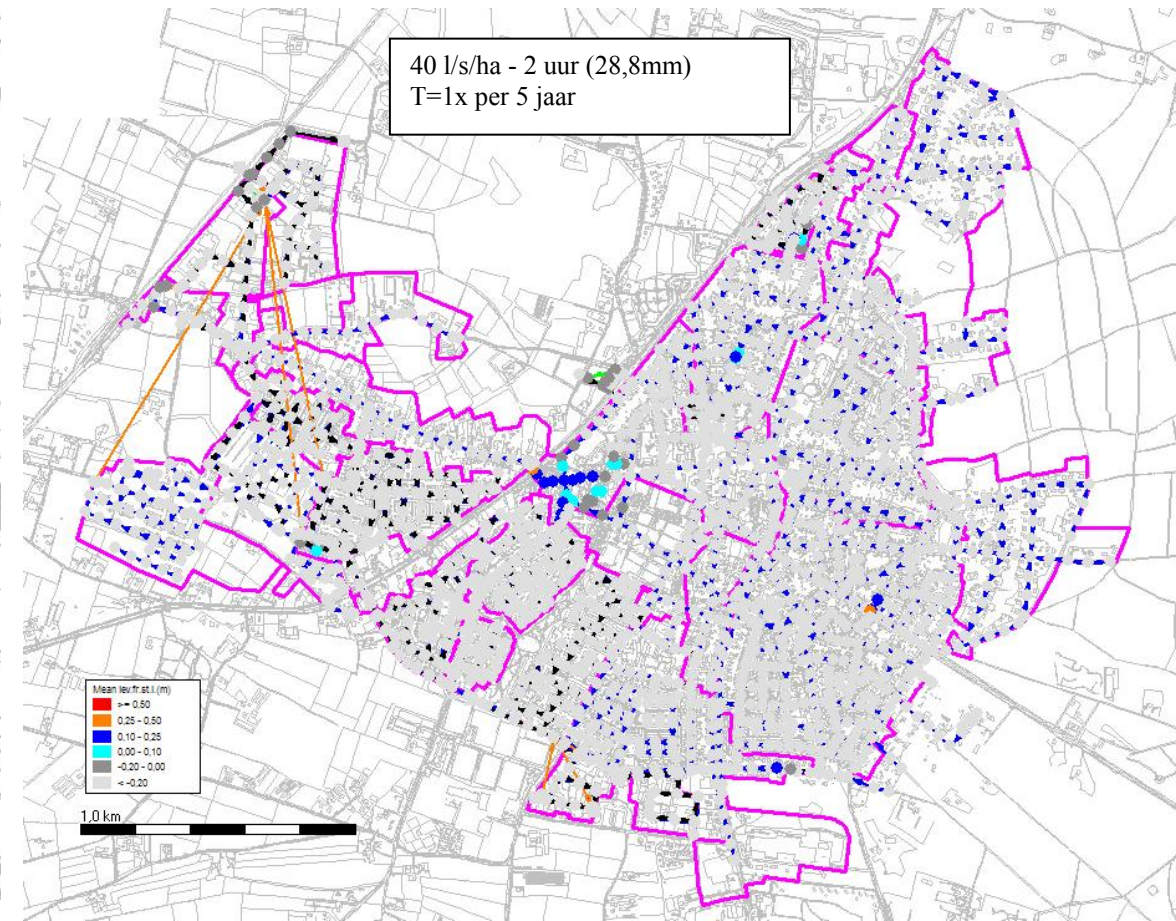
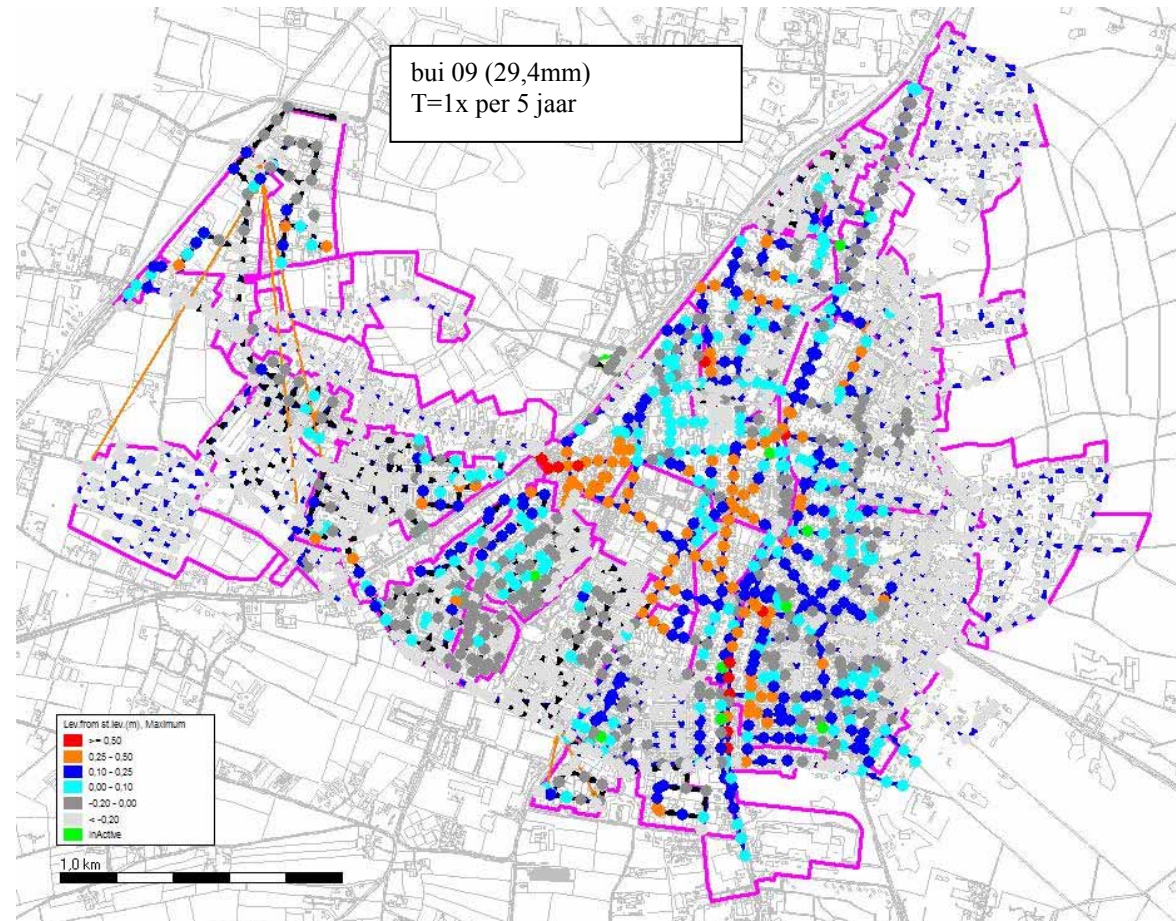
### Bijlage 4.1 Locaties waar als eerste water-op straat berekend wordt



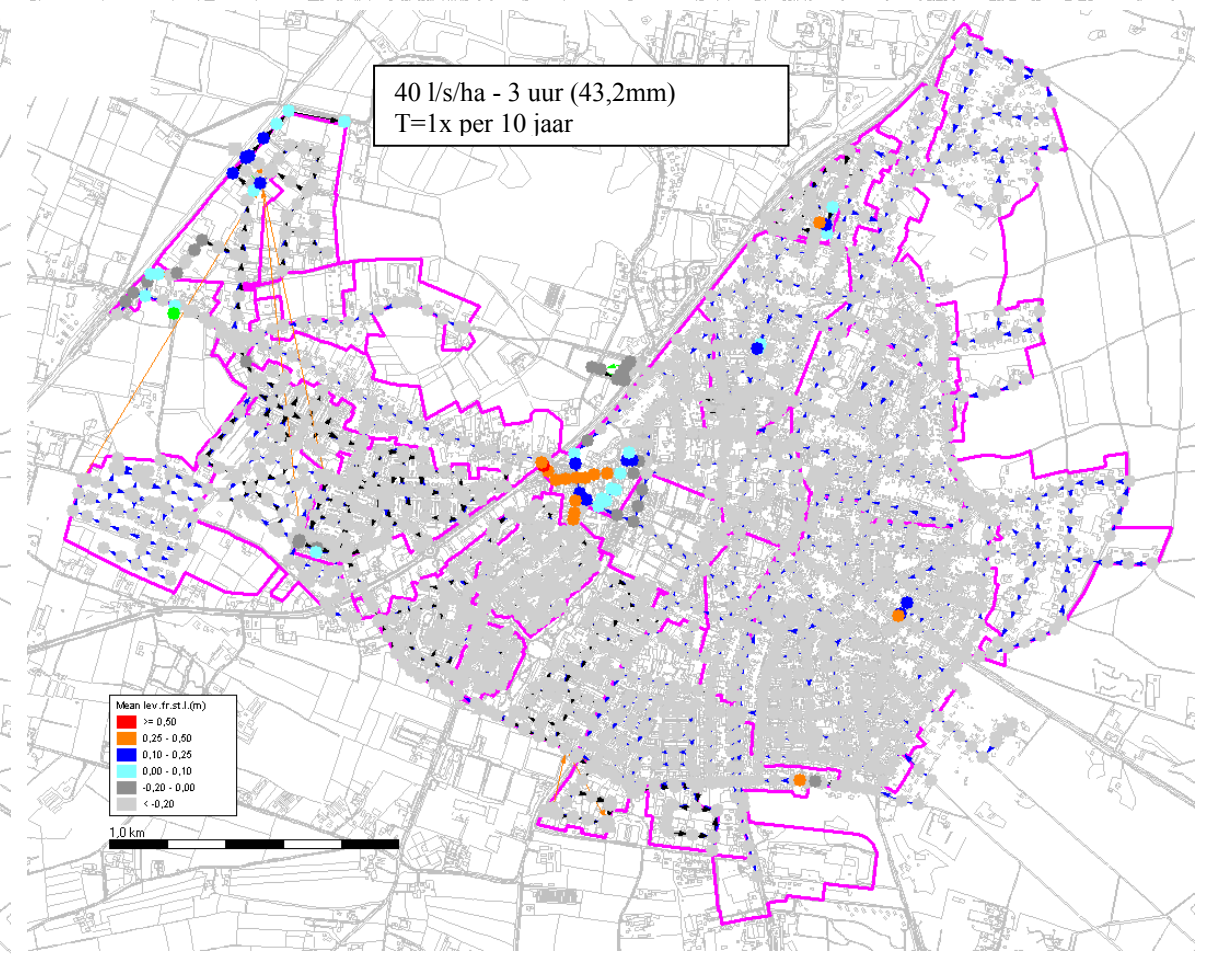
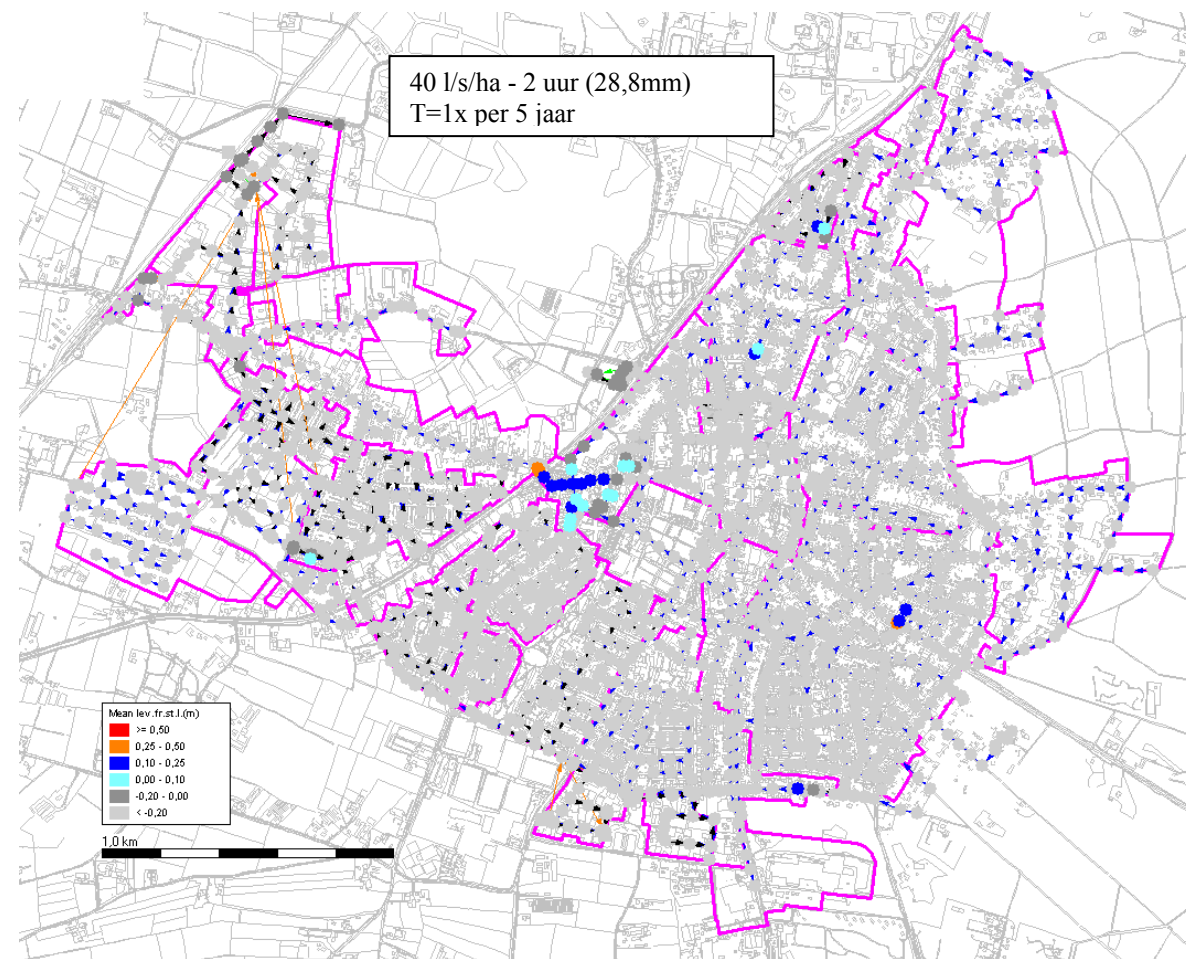
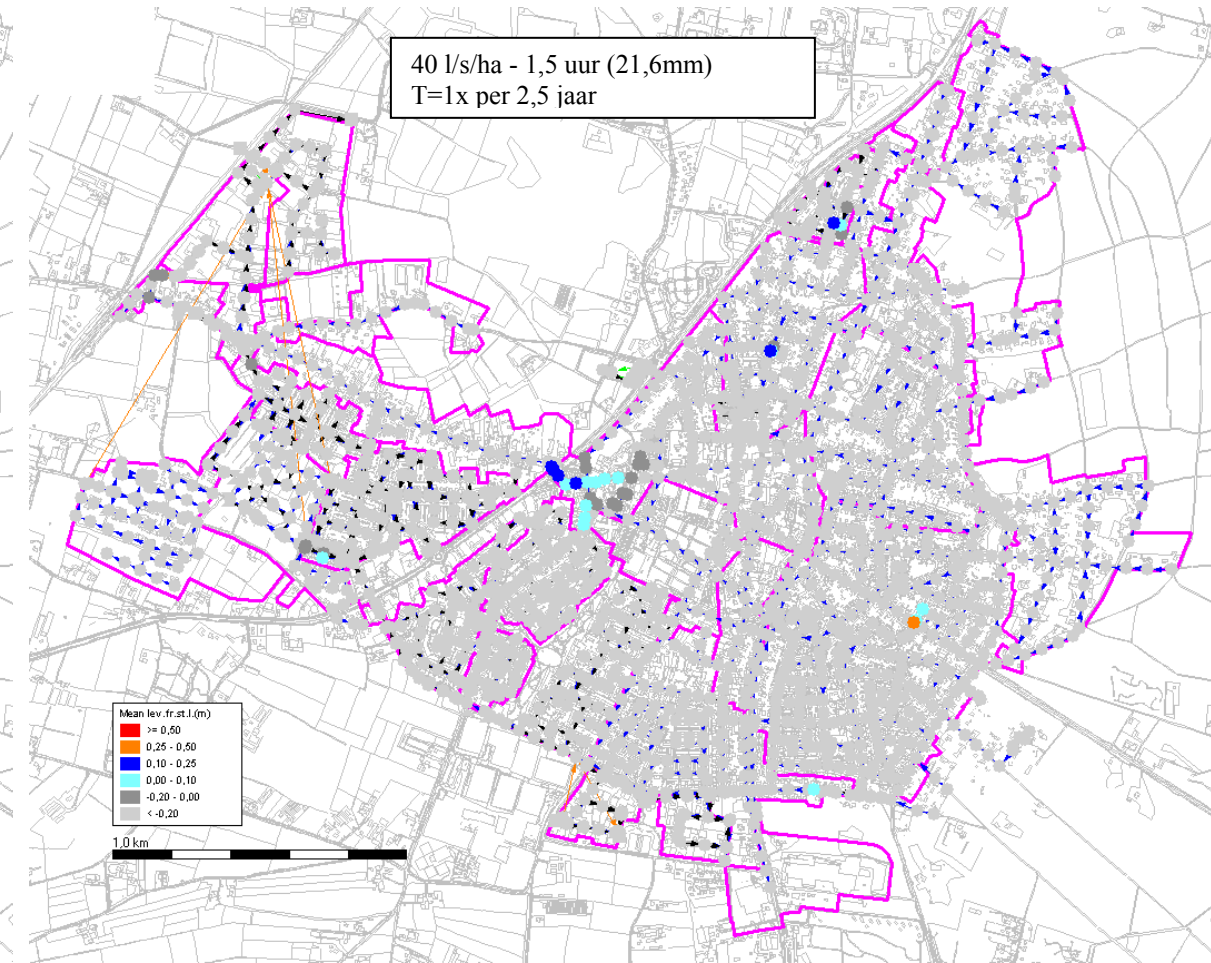
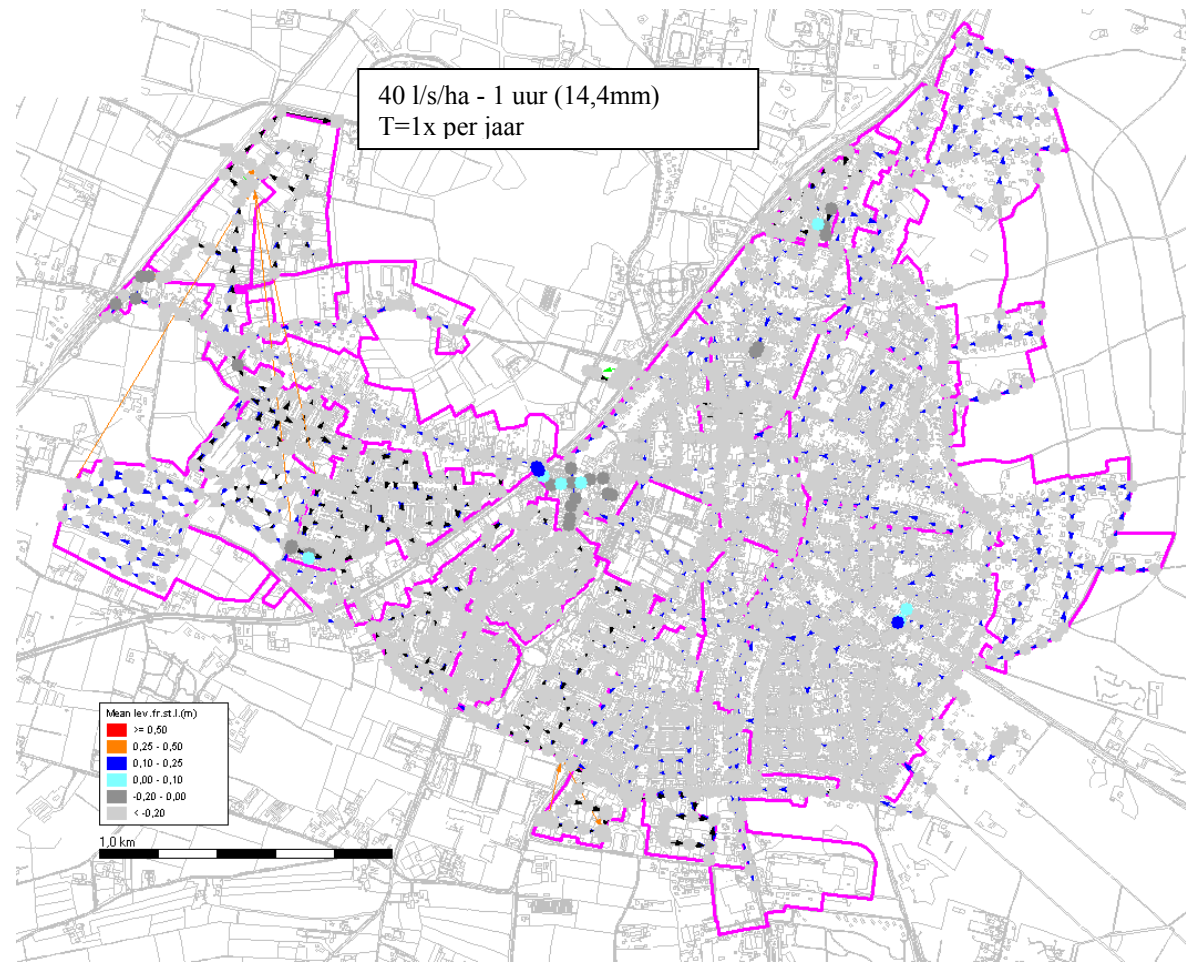
### Bijlage 4.2 Water-op-straat situaties bij 1x per 2 jaar combinaties



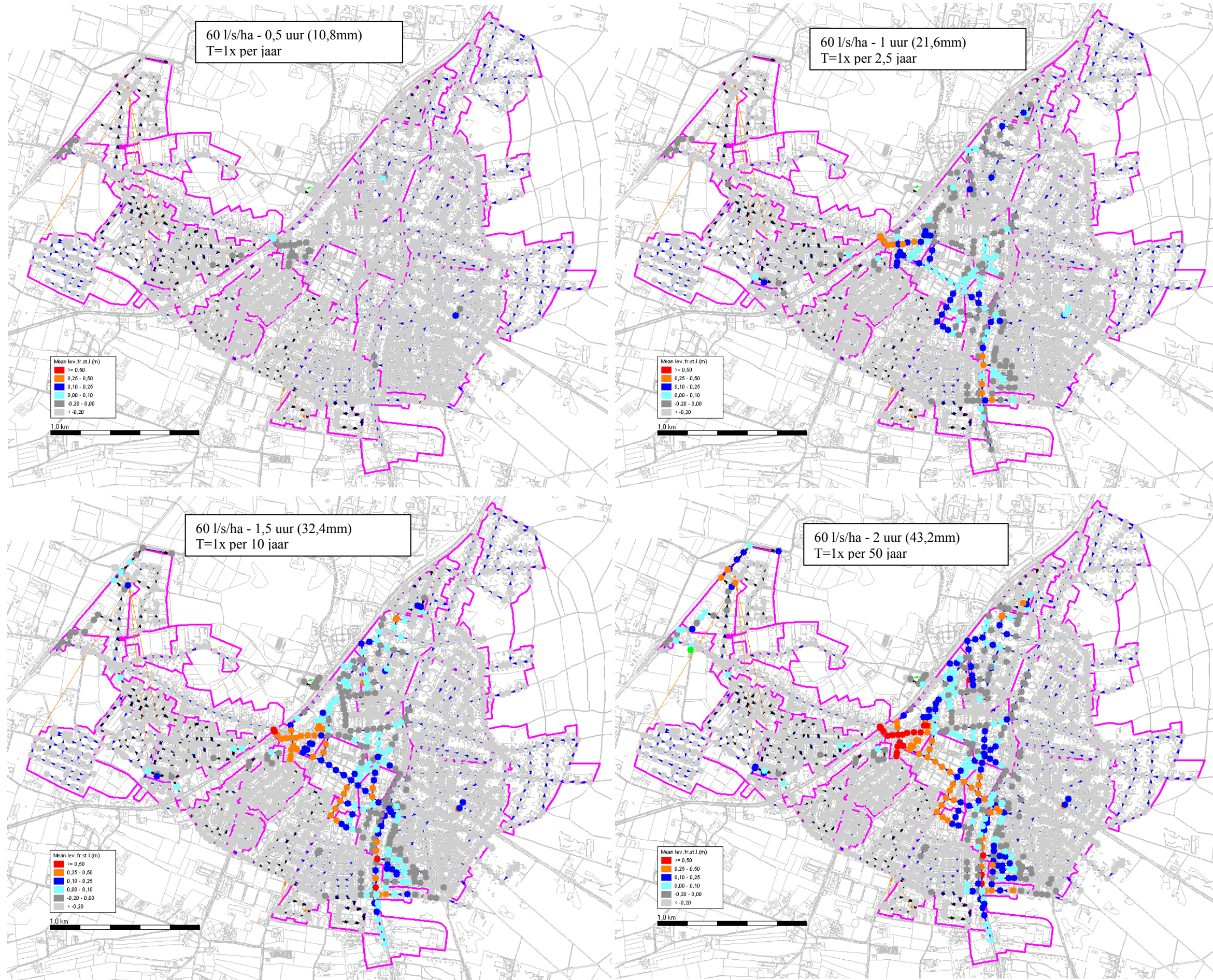
**Bijlage 4.3: Water-op straat bij 1x per 5 jaar combinaties**



### Bijlage 4.4: Ontwikkeling water-op straat 40 l/s/ha

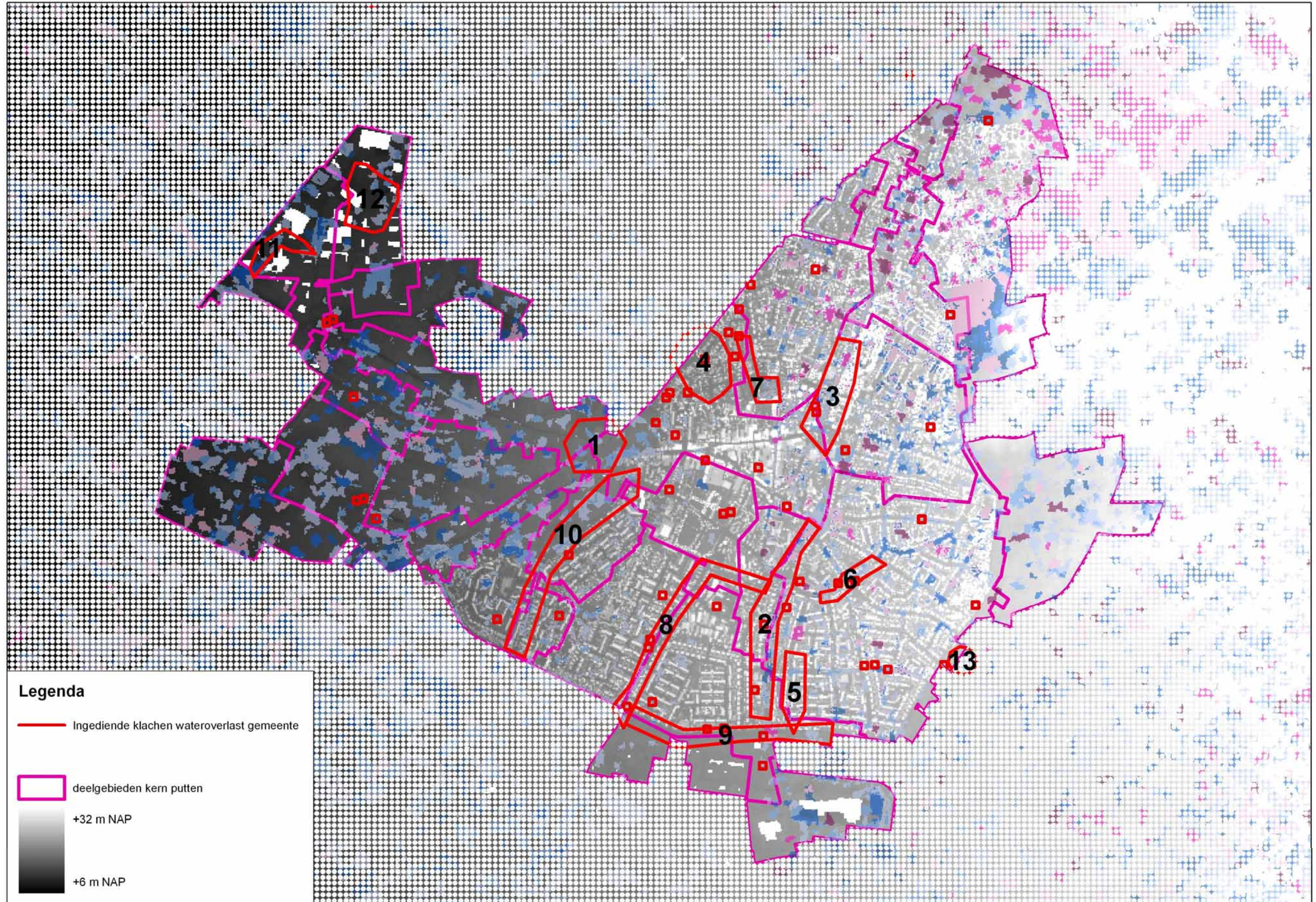


### Bijlage 4.5: Ontwikkeling water-op straat 60 l/s/ha



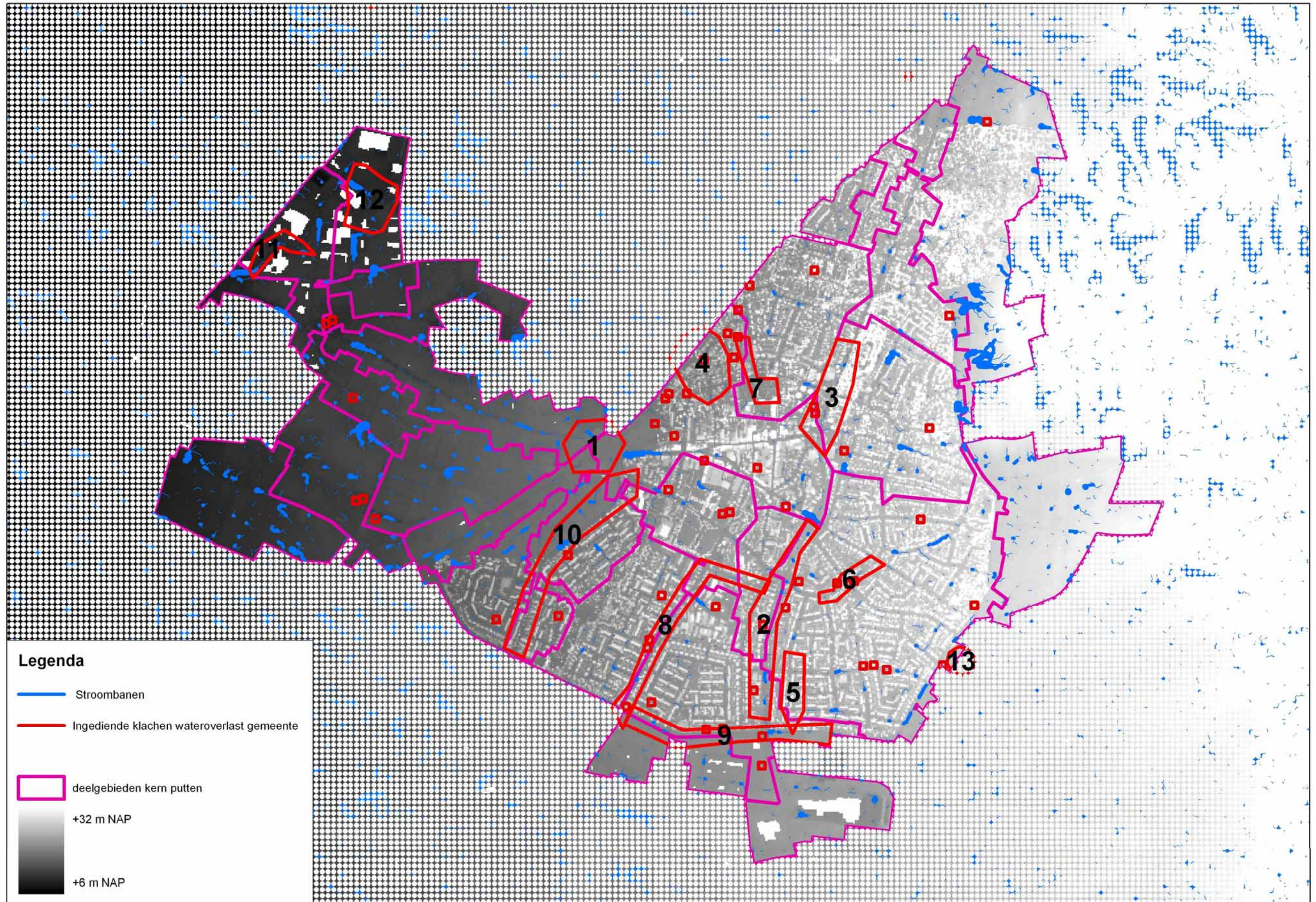


### Bijlage 4.6: Overlastlocaties praktijk en ingesloten laagtes



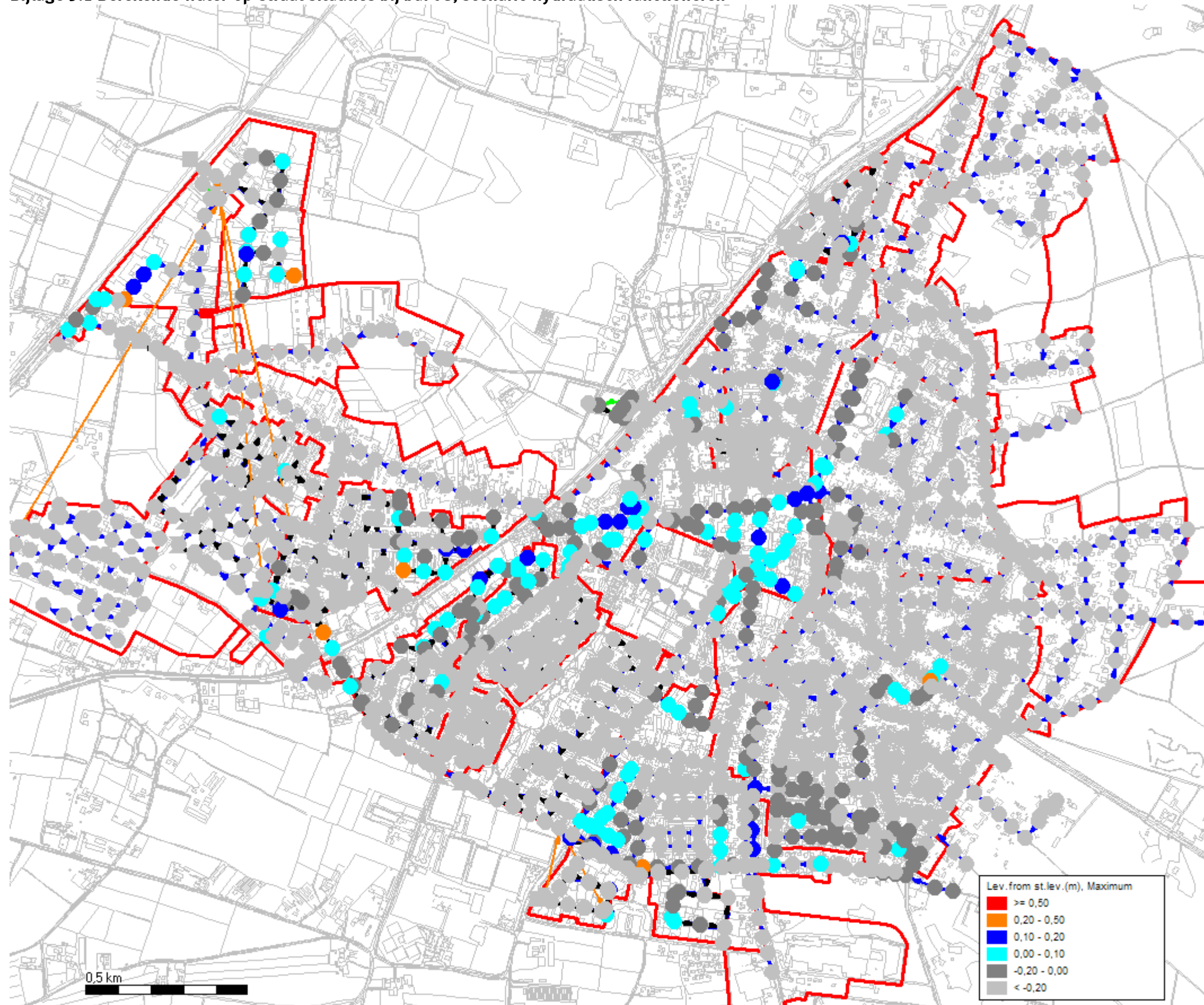
© AHN Waterschap Veluwe

**Bijlage 4.7: Overlastlocaties praktijk met stroombanen maaveld**

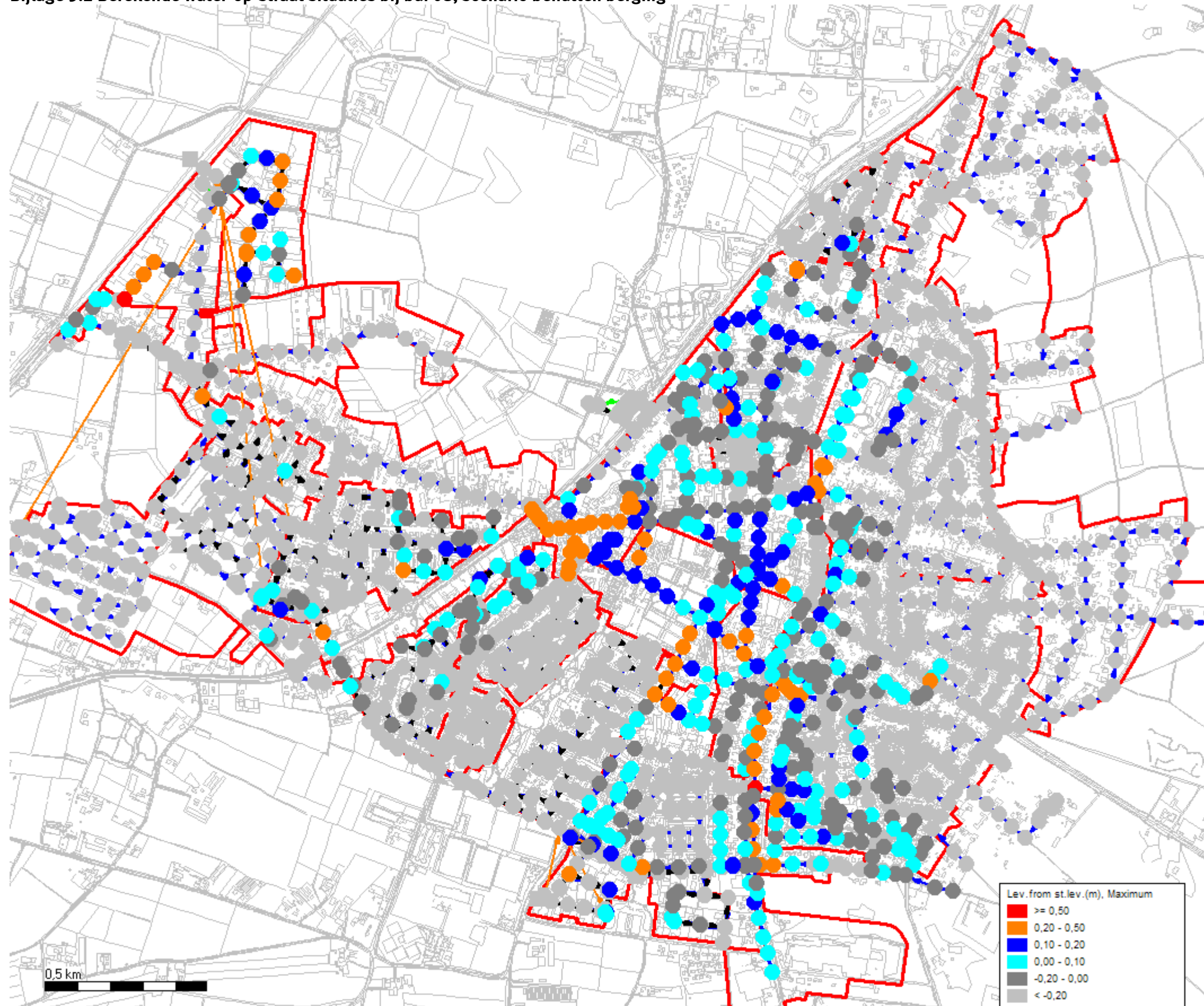


© AHN Waterschap Veluwe

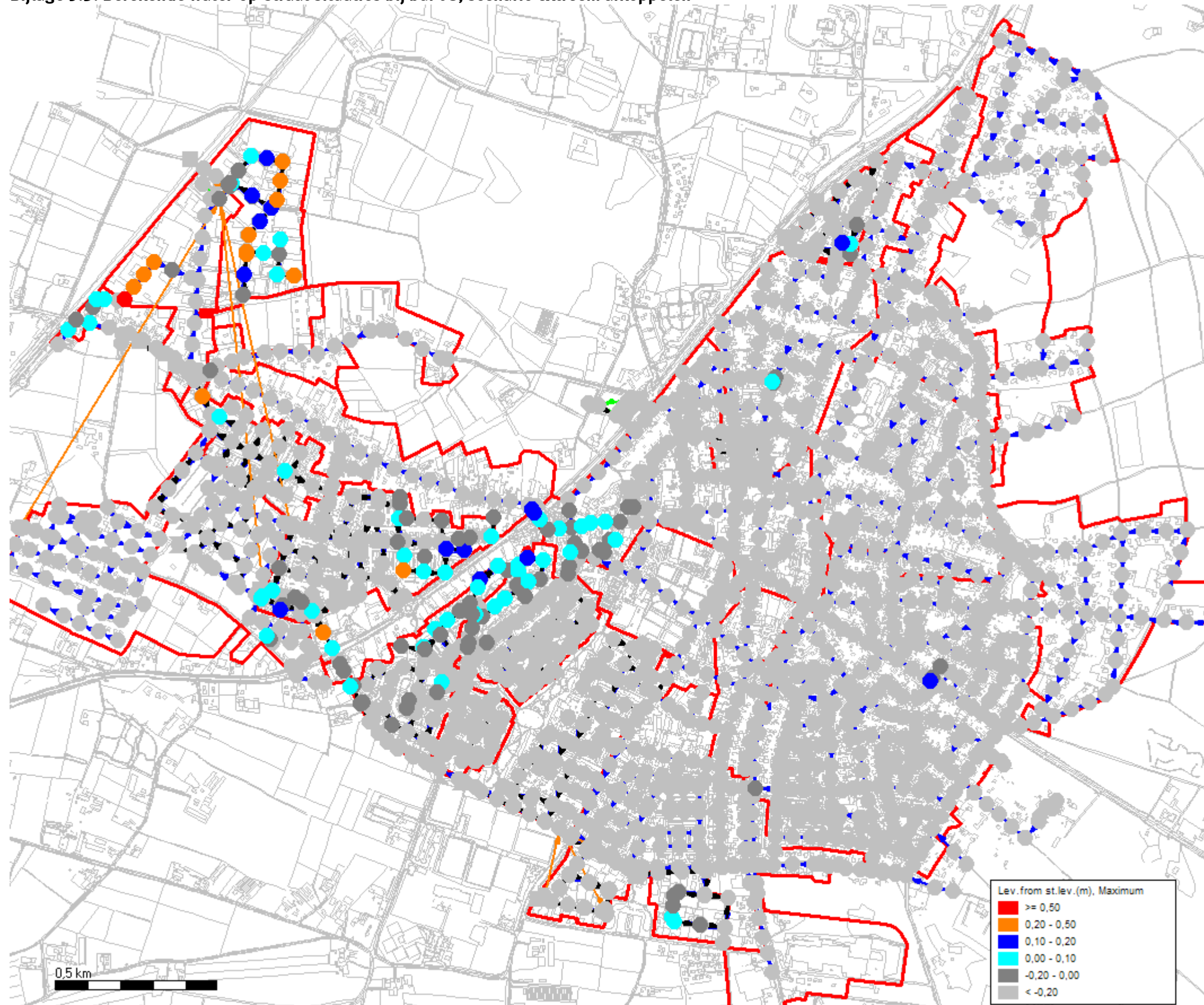
### Bijlage 5.1 Berekende water-op straat situaties bij bui 08, scenario hydraulisch functioneren



### Bijlage 5.2 Berekende water-op-sstraat situaties bij bui 08, scenario benutten berging



### Bijlage 5.3: Berekende water-op-sstraat situaties bij bui 08, scenario extreem afkoppelen



### Bijlage 5.4: Overzicht resultaten functioneren bergingsbassins (tabellen)

Relevante wijzigingen in de scenario's ten opzichte van de huidige situatie zijn in **blauw** gemarkeerd.

**Tabel B5.1: Resultaten overstort frequentie bergingbassins scenario's, pomp op 904 m3/h**

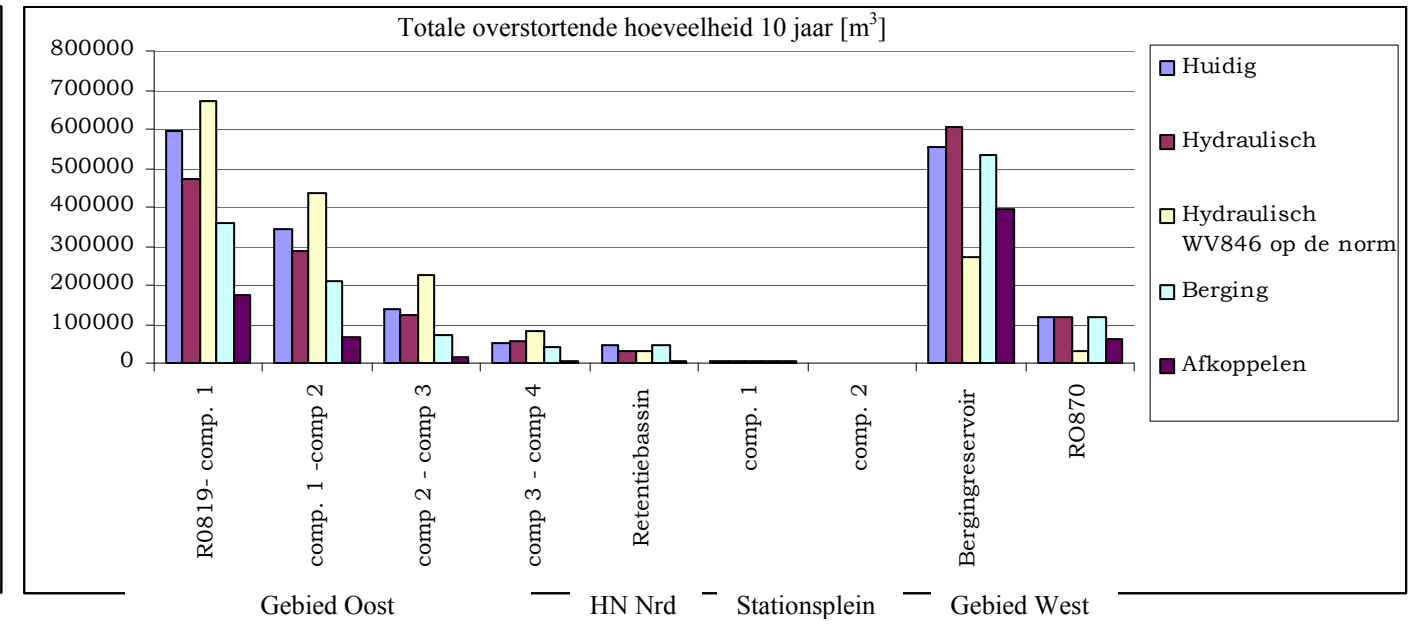
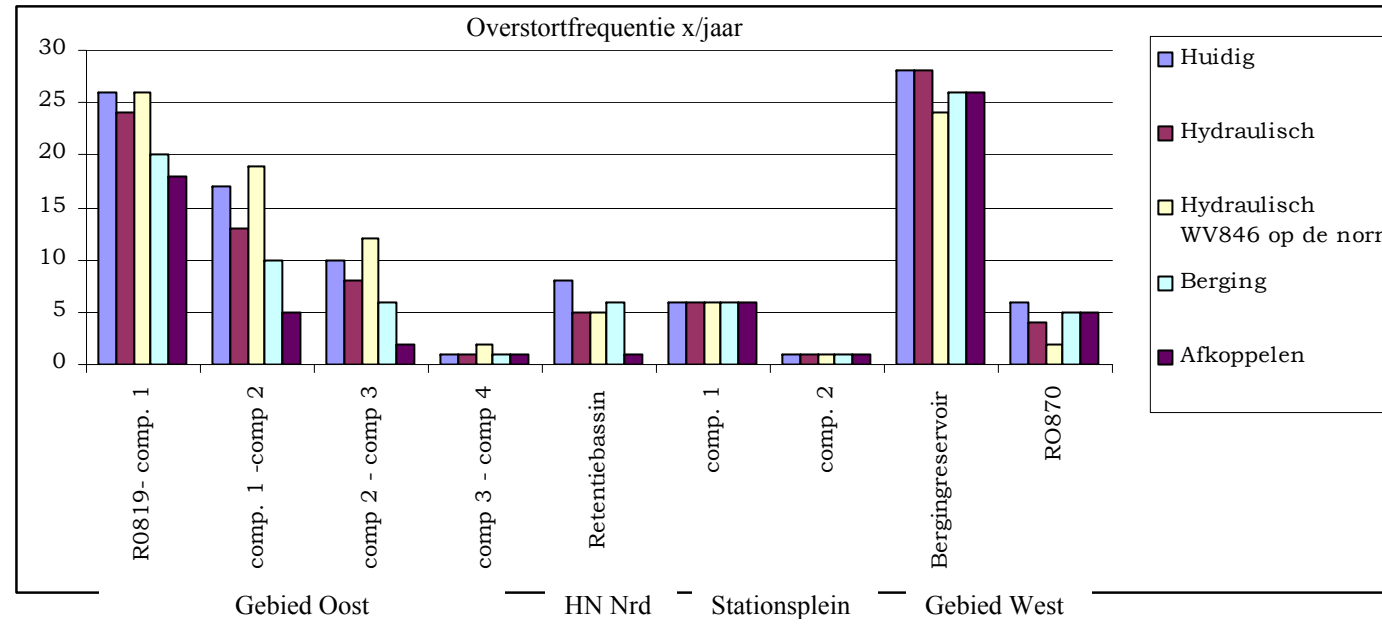
Deelgebied	Omschrijving	Huidig		scenario's							
		Overstort frequentie [x/jaar]	Overstort volume [m³]	Hydraulisch wervelventiel WV846 op 206 l/s		Hydraulisch wervelventiel WV846 op 139 l/s		Benutten berging		Afkoppelen	
				Overstort frequentie [x/jaar]	Overstort volume [m³]	Overstort frequentie [x/jaar]	Overstort volume [m³]	Overstort frequentie [x/jaar]	Overstort volume [m³]	Overstort frequentie [x/jaar]	Overstort volume [m³]
Gebied Oost	R0819- comp. 1	26	592644	24	472611	26	673665	20	358407	18	173539
	comp. 1 -comp 2	17	342907	13	285945	19	438418	10	211616	5	69100
	comp 2 - comp 3	10	136845	8	122998	12	227892	6	73248	2	17529
	comp 3 - comp 4	1	53498	1	54686	2	80671	1	41109	1	6335
Hoge eind Noord	Retentie bassin	8	44359	5	30245	5	30259	6	45317	1	6498
Stationsplein*	comp. 1	6	3167	6	3165	6	3167	6	3166	6	3166
	comp. 2	1	1057	1	1056	1	1057	1	1057	1	1056
Gebied West	Bergingreservoir	28	555891	28	602663	24	274319	26	531946	26	396182
	RO870	6	116097	4	117436	2	30950	5	115958	5	59949

**Tabel B5.2: Resultaten overstort frequentie bergingbassins scenario's, pomp op normcapaciteit 1174 m3/h**

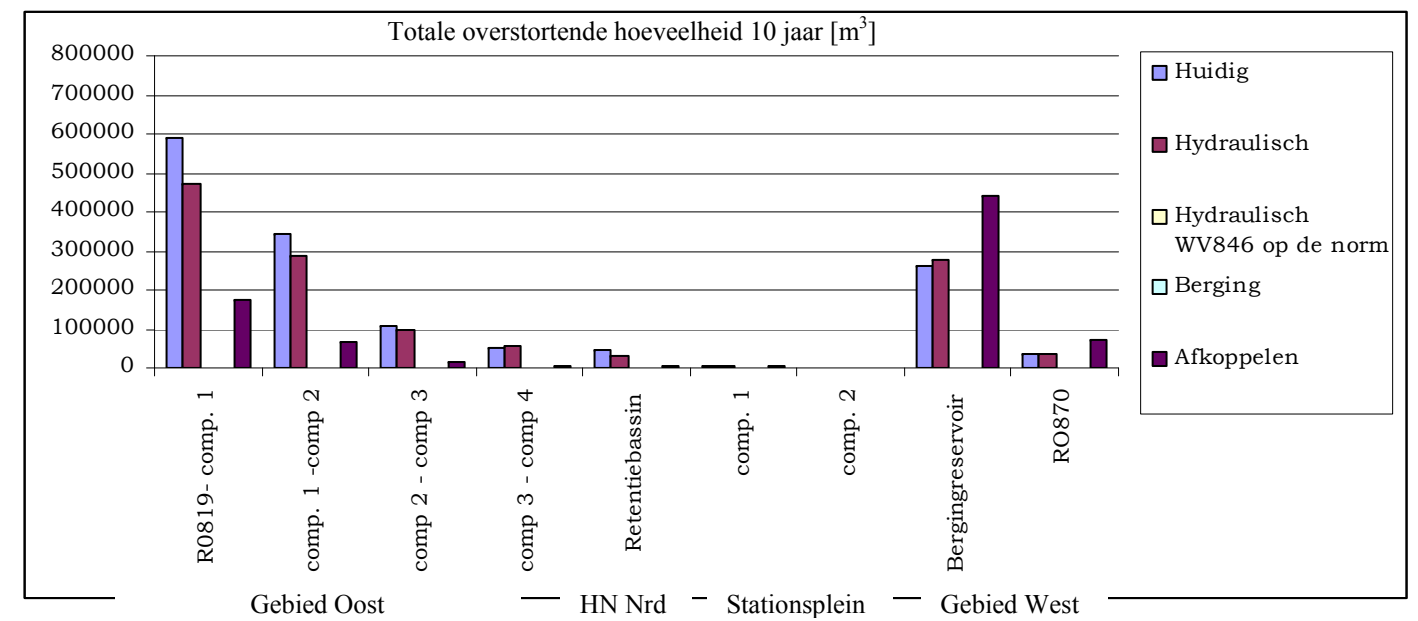
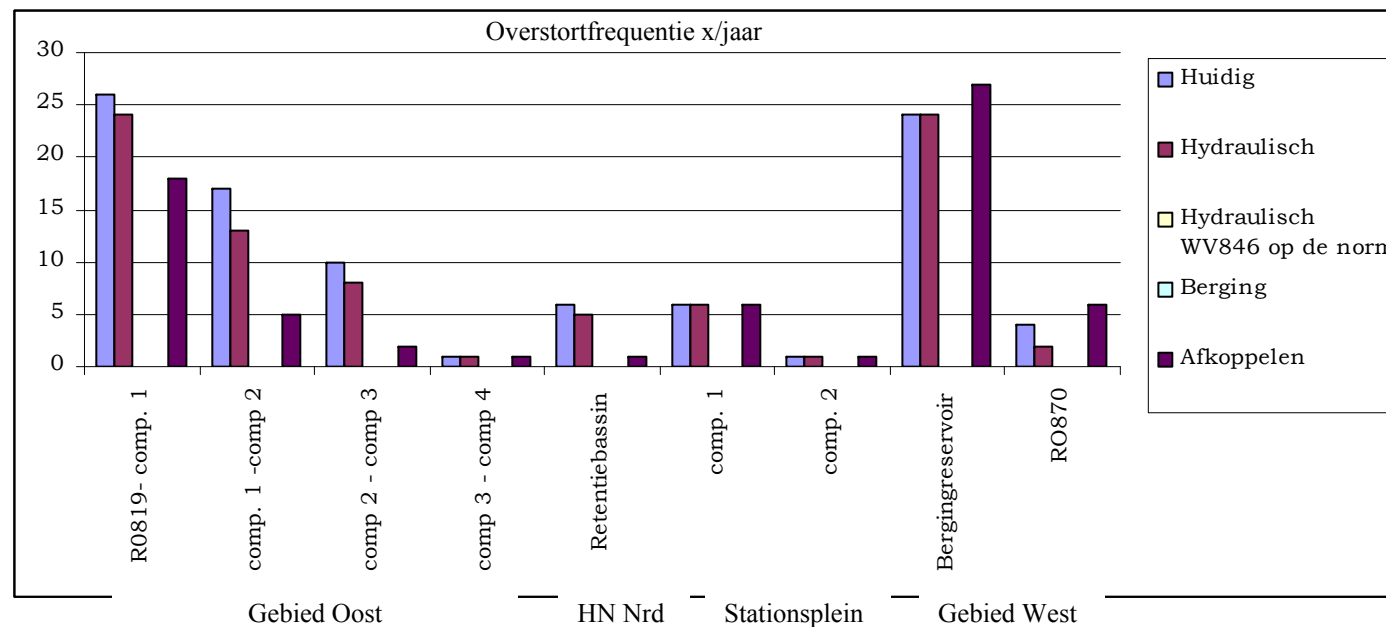
Deelgebied	Omschrijving	Huidig		scenario's							
		Overstort frequentie [x/jaar]	Overstort volume [m³]	Hydraulisch wervelventiel WV846 op 206 l/s		Hydraulisch wervelventiel WV846 op 139 l/s		Benutten berging		Afkoppelen	
				Overstort frequentie [x/jaar]	Overstort volume [m³]	Overstort frequentie [x/jaar]	Overstort volume [m³]	Overstort frequentie [x/jaar]	Overstort volume [m³]	Overstort frequentie [x/jaar]	Overstort volume [m³]
Gebied Oost	R0819- comp. 1	26	592293	24	472401					18	173537
	comp. 1 -comp 2	17	342429	13	285917					5	69098
	comp 2 - comp 3	10	105280	8	97039	buiten beschouwing		buiten beschouwing		2	17528
	comp 3 - comp 4	1	53455	1	54693					1	6335
Hoge eind Noord	Retentie bassin	6	44423	5	30226					1	6498
Stationsplein*	comp. 1	6	3180	6	3146					6	3167
	comp. 2	1	1061	1	1053					1	1057
Gebied West	Bergingreservoir	24	261218	24	276728					27	443185
	RO870	4	36799	2	34099					6	72908

**Bijlage 5.5: Overzicht resultaten functioneren bergingsbassins (grafieken)**

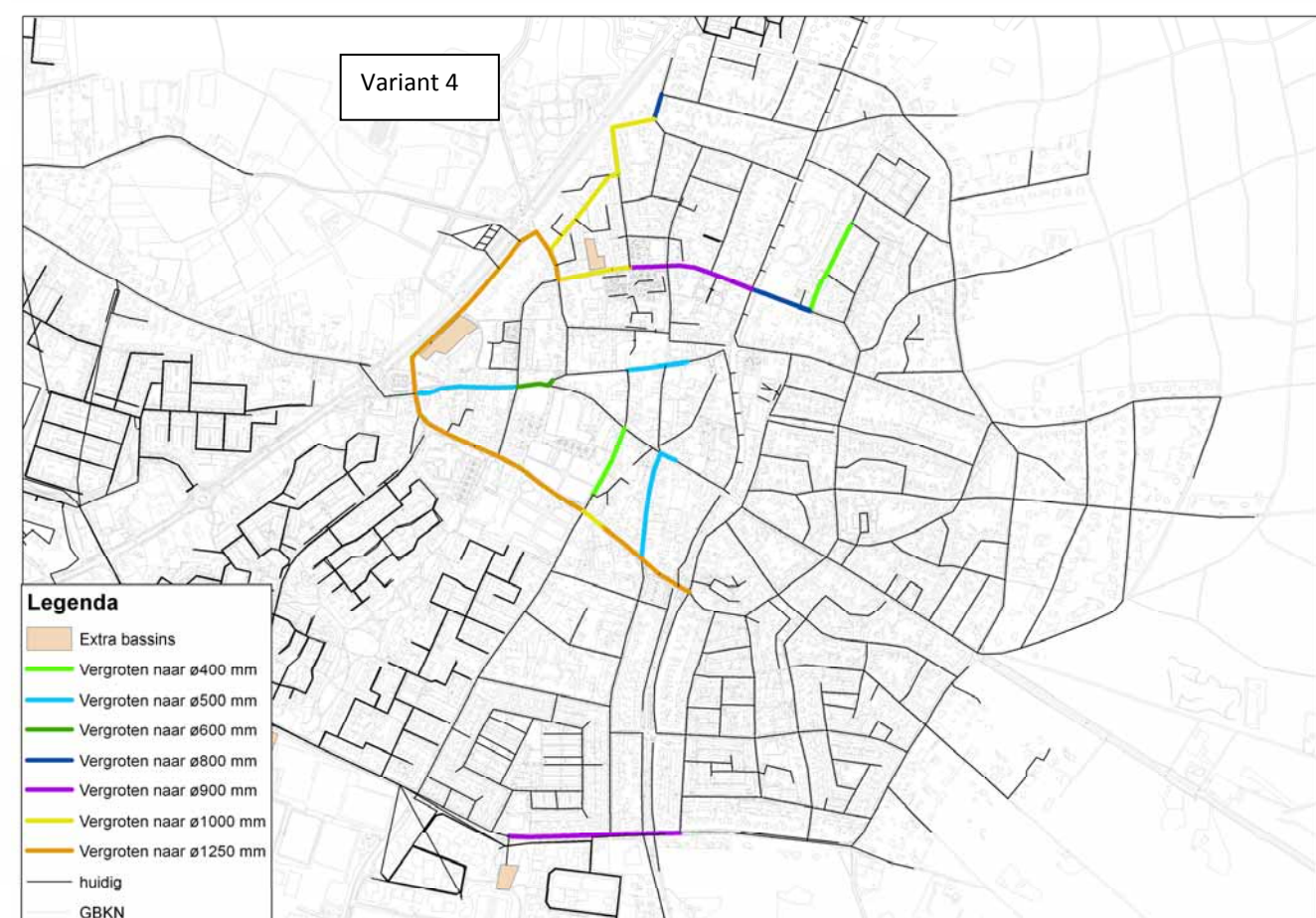
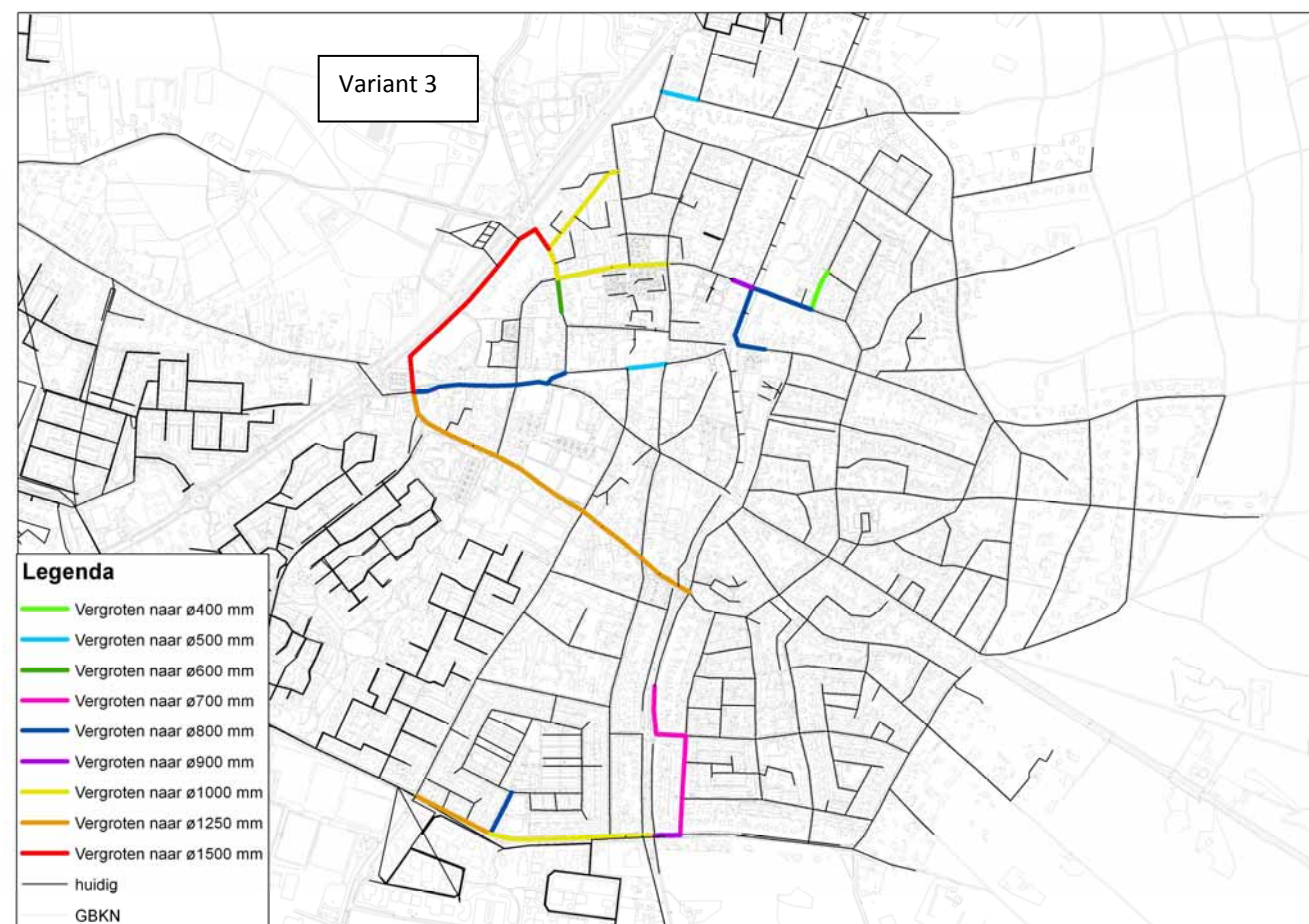
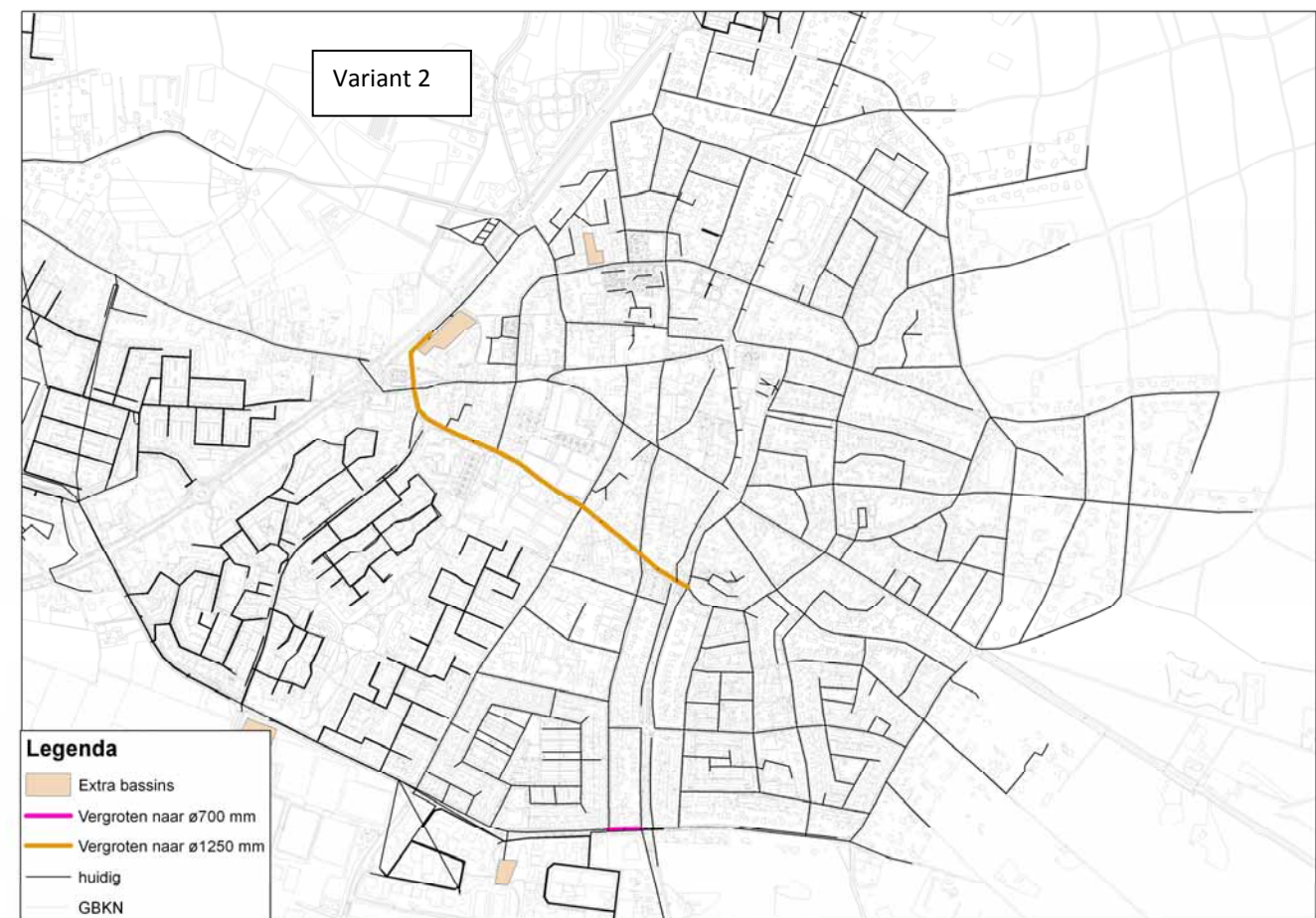
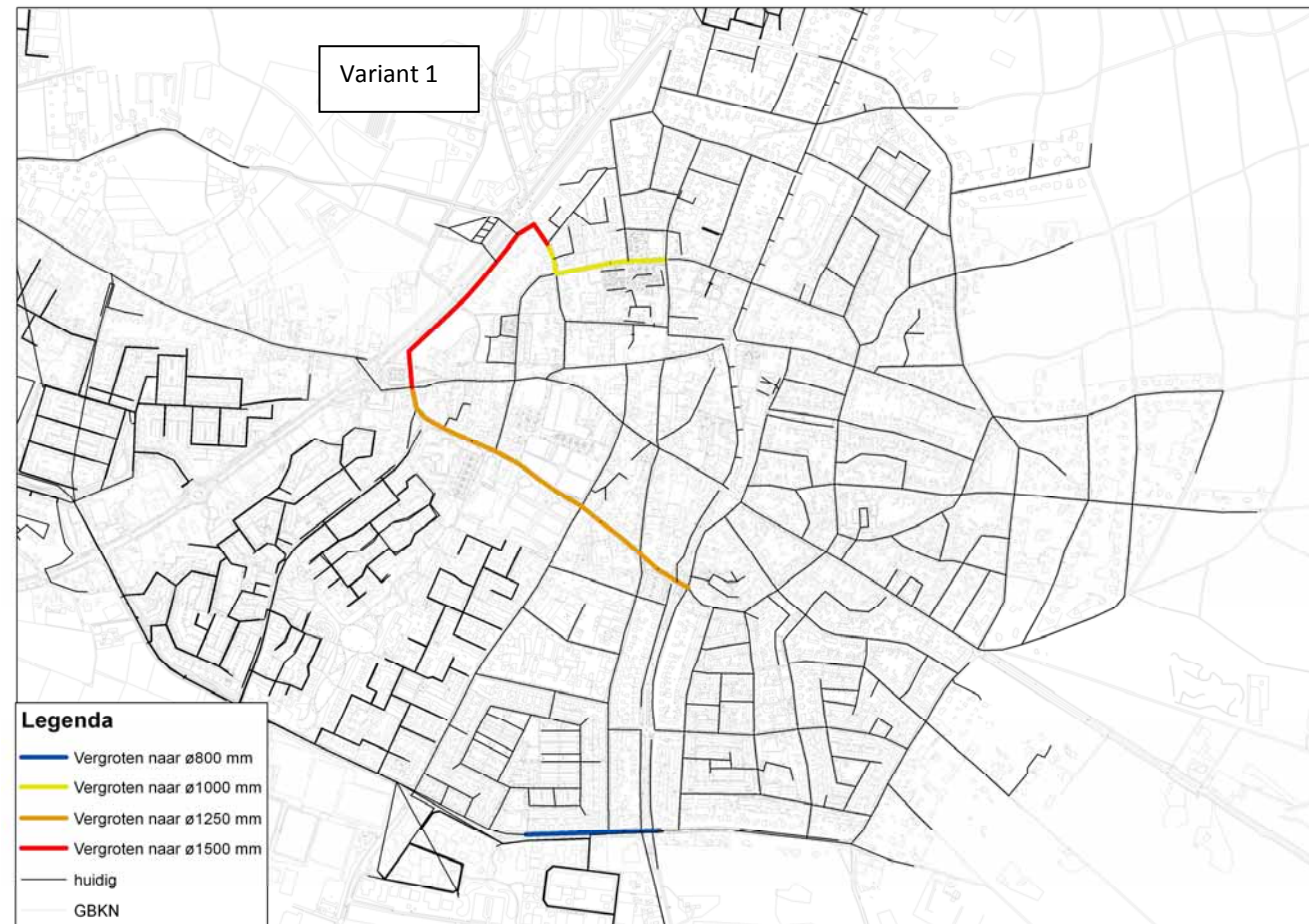
**Grafiek B5.1: Resultaten overstort frequentie bergingbassins scenario's, pomp op 904 m3/h**



**Grafiek B5.2: Resultaten overstort frequentie bergingbassins scenario's, pomp op normcapaciteit 1174 m3/h**



### Bijlage 5.6: Overzicht diameterverzwaringen per variant (scenario hydraulisch)





### Bijlage 5.7: Water-op straat situaties noord-zuid (bij bui 08 - 1x per 2 jaar)

