

State of Wisconsin

**Department of Natural Resources
Remediation and Redevelopment Program**

**Mann-Kendall Statistical Test
Form 4400-215 (2/2001)**

Notice: This form is the DNR supplied spreadsheet referenced in Appendices A of Comm 46 and NR 746, Wis. Adm. Code. It is provided to consultants as an optional tool for groundwater contaminant trend analysis to support site closure requests under s. Comm 46.07, Comm 46.08, NR 746.07, NR 746.08, Wis. Adm. Code. Use this form or a manual method when seeking case closure under those rules. Earlier versions of this form should not be used.

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Site Name = **Coupepolder te Alphen aan den Rijn** BRRTS No. = **BC85F** Well Number = **11**

Compound ->		Xylenen				Well Number =
Event Number	Sampling Date (most recent last)	Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)
1	30-mrt-17	0,40				
2	18-jan-18	0,10				
3	11-sep-18	0,10				
4	23-mei-19	0,10				
5						
6						
7						
8						
9						
10						

Mann Kendall Statistic (S) =	-3,0	0,0	0,0	0,0	0,0	0,0
Number of Rounds (n) =	4	0	0	0	0	0
Average =	0,18	#DEEL/0!	#DEEL/0!	#DEEL/0!	#DEEL/0!	#DEEL/0!
Standard Deviation =	0,150	#DEEL/0!	#DEEL/0!	#DEEL/0!	#DEEL/0!	#DEEL/0!
Coefficient of Variation(CV)=	0,857	#DEEL/0!	#DEEL/0!	#DEEL/0!	#DEEL/0!	#DEEL/0!

Error Check, Blank if No Errors Detected	n<4	n<4	n<4	n<4	n<4	n<4
Trend ≥ 80% Confidence Level	No Trend	n<4	n<4	n<4	n<4	n<4
Trend ≥ 90% Confidence Level	No Trend	n<4	n<4	n<4	n<4	n<4
Stability Test, If No Trend Exists at 80% Confidence Level	CV <= 1 STABLE	n<4	n<4	n<4	n<4	n<4

Data Entry By = **ckw** Date = **19-jun-19** Checked By = **KT**

State of Wisconsin

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Site Name : Coupepolder te Alphen aan den Rijn

BRRTS No. = BC85F

Well Number = 100-1

Event Number	Sampling Date (most recent last)	Compound ->		Xylenen Concentration (leave blank if no data)	Naftaleen Concentration (leave blank if no data)	Dichlooretheen Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)
1	30-mrt-17		0,10	0,57	0,05				
2	18-jan-18		0,40	0,06	0,05				
3	11-sep-18		0,10	0,01	0,05				
4	23-mei-19		0,10	0,01	0,30				
5									
6									
7									
8									
9									
10									

Mann Kendall Statistic (S) =	-1,0	-5,0	3,0	0,0	0,0	0,0
Number of Rounds (n) =	4	4	4	0	0	0
Average =	0,18	0,16	0,11	#DEEL/0!	#DEEL/0!	#DEEL/0!
Standard Deviation =	0,150	0,273	0,125	#DEEL/0!	#DEEL/0!	#DEEL/0!
Coefficient of Variation(CV)=	0,857	1,678	1,111	#DEEL/0!	#DEEL/0!	#DEEL/0!

Error Check, Blank if No Errors Detected

Trend ≥ 80% Confidence Level	No Trend	DECREASING	No Trend	n<4	n<4	n<4
Trend ≥ 90% Confidence Level	No Trend	No Trend	No Trend	n<4	n<4	n<4
Stability Test, If No Trend Exists at 80% Confidence Level	CV <= 1 STABLE	NA	CV > 1 NON-STABLE	n<4	n<4	n<4

Data Entry By = ckw

Date = 19-jun-19

Checked By = KT

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Site Name : Coupepolder te Alphen aan den Rijn

BRRTS No. = BC85F

Well Number = 100-2

Compound ->

Event Number	Sampling Date (most recent last)	Xylenen Concentration (leave blank if no data)	Naftaleen Concentration (leave blank if no data)	Olle Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)
1	30-mrt-17	1,70	0,01	54,00			
2	18-jan-18	0,70	0,01	73,00			
3	11-sep-18	0,70	0,16	130,00			
4	23-mei-19	0,40	0,44	25,00			
5							
6							
7							
8							
9							
10							

Mann Kendall Statistic (S) =	-5,0	5,0	0,0	0,0	0,0	0,0	0,0
Number of Rounds (n) =	4	4	4	4	0	0	0
Average =	0,88	0,16	70,50	#DEEL/0!	#DEEL/0!	#DEEL/0!	#DEEL/0!
Standard Deviation =	0,568	0,203	44,306	#DEEL/0!	#DEEL/0!	#DEEL/0!	#DEEL/0!
Coefficient of Variation(CV)=	0,649	1,308	0,628	#DEEL/0!	#DEEL/0!	#DEEL/0!	#DEEL/0!

Error Check, Blank if No Errors Detected

Trend ≥ 80% Confidence Level	DECREASING	INCREASING	No Trend	No Trend	n<4	n<4	n<4
Trend ≥ 90% Confidence Level	No Trend	No Trend	No Trend	No Trend	n<4	n<4	n<4
Stability Test, If No Trend Exists at 80% Confidence Level	NA	NA	CV <= 1	STABLE	n<4	n<4	n<4

Data Entry By = ckw

Date = 19-jun-19

Checked By = KT

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Site Name : Coupepolder te Alphen aan den Rijn

BRRTS No. = BC85F

Well Number = 100-3

Compound ->

Event Number	Sampling Date (most recent last)	Xylenen Concentration (leave blank if no data)	Naftaleen Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)
1	30-mrt-17	0,80	0,01			
2	18-jan-18	0,10	0,04			
3	11-sep-18	0,10	0,01			
4	23-mei-19	0,10	0,01			
5						
6						
7						
8						
9						
10						

Mann Kendall Statistic (S) =	-3,0	-1,0	0,0	0,0	0,0	0,0
Number of Rounds (n) =	4	4	0	0	0	0
Average =	0,28	0,02	#DEEL/0!	#DEEL/0!	#DEEL/0!	#DEEL/0!
Standard Deviation =	0,350	0,015	#DEEL/0!	#DEEL/0!	#DEEL/0!	#DEEL/0!
Coefficient of Variation(CV)=	1,273	0,857	#DEEL/0!	#DEEL/0!	#DEEL/0!	#DEEL/0!

Error Check, Blank if No Errors Detected

Trend ≥ 80% Confidence Level	No Trend	No Trend	n<4	n<4	n<4	n<4
Trend ≥ 90% Confidence Level	No Trend	No Trend	n<4	n<4	n<4	n<4

Stability Test, If No Trend Exists at 80% Confidence Level

CV > 1 NON-STABLE	CV ≤ 1 STABLE	n<4	n<4	n<4	n<4	n<4
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Data Entry By = ckw

Date = 19-jun-19

Checked By = KT

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Site Name : Coupepolder te Alphen aan den Rijn

BRRTS No. = BC85F

Well Number = 101-1

Event Number	Sampling Date (most recent last)	Benzeen		Xylenen		Naftaleen		Olie		Dichlooretheen	
		Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)
1	30-mrt-17	0,30	1,60	2,10	99,00	0,10	0,05				
2	18-jan-18	0,20	0,60	0,43	73,00	0,10	0,05				
3	11-sep-18	0,10	0,20	0,22	61,00	0,10	0,05				
4	23-mei-19	1,80	3,60	6,10	25,00	1,30	0,20				
5											
6											
7											
8											
9											
10											

Mann Kendall Statistic (S) =	0,0	0,0	0,0	-6,0	3,0
Number of Rounds (n) =	4	4	4	4	4
Average =	0,60	1,50	2,21	64,50	0,40
Standard Deviation =	0,804	1,519	2,725	30,741	0,600
Coefficient of Variation(CV)=	1,340	1,013	1,232	0,477	1,500

Error Check, Blank if No Errors Detected

Trend ≥ 80% Confidence Level	No Trend	No Trend	No Trend	DECREASING	No Trend	No Trend
Trend ≥ 90% Confidence Level	No Trend	No Trend	No Trend	DECREASING	No Trend	No Trend
Stability Test, If No Trend Exists at 80% Confidence Level	CV > 1 NON-STABLE	CV > 1 NON-STABLE	CV > 1 NON-STABLE	NA	CV > 1 NON-STABLE	CV ≤ 1 STABLE

Data Entry By = ckw

Date = 19-jun-19

Checked By = KT

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Site Name : Coupepolder te Alphen aan den Rijn

BRRTS No. = BC85F

Well Number = 101-2

Compound ->

Event Number	Sampling Date (most recent last)	Xylenen Concentration (leave blank if no data)	Naftallen Concentration (leave blank if no data)	tolueen Concentration (leave blank if no data)	Olie Concentration (leave blank if no data)	Concentration (leave blank if no data)
1	30-mrt-17	1,00	0,01	1,70	25,00	Concentration (leave blank if no data)
2	18-jan-18	0,80	0,05	9,10	25,00	Concentration (leave blank if no data)
3	11-sep-18	0,40	0,06	89,00	260,00	Concentration (leave blank if no data)
4	23-mei-19	0,40	0,01	0,10	25,00	Concentration (leave blank if no data)
5						
6						
7						
8						
9						
10						

Mann Kendall Statistic (S) =	-5,0	1,0	0,0	1,0	0,0	0,0
Number of Rounds (n) =	4	4	4	4	0	0
Average =	0,65	0,03	24,98	83,75	#DEEL/0!	#DEEL/0!
Standard Deviation =	0,300	0,026	42,863	117,500	#DEEL/0!	#DEEL/0!
Coefficient of Variation(CV)=	0,462	0,809	1,716	1,403	#DEEL/0!	#DEEL/0!

Error Check, Blank if No Errors Detected

Trend ≥ 80% Confidence Level	DECREASING	No Trend	No Trend	No Trend	No Trend	n<4
Trend ≥ 90% Confidence Level	No Trend	No Trend	No Trend	No Trend	No Trend	n<4

Stability Test, If No Trend Exists at 80% Confidence Level

CV ≤ 1	STABLE	CV > 1	NON-STABLE	CV > 1	NON-STABLE	n<4
NA						n<4

Data Entry By = ckw

Date = 19-jun-19

Checked By = KT

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Site Name : Coupepolder te Alphen aan den Rijn

BRRTS No. = BC85F

Well Number = 101-3

Event Number	Sampling Date (most recent last)	Benzeen		Xylenen		Naftaleen		Olie		Concentration (leave blank if no data)
		Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)		
1	30-mrt-17	0,10	1,00	0,01	25,00					
2	18-jan-18	0,20	0,50	0,03	25,00					
3	11-sep-18	0,10	0,10	0,06	25,00					
4	23-mei-19	0,60	0,40	1,10	84,00					
5										
6										
7										
8										
9										
10										

Mann Kendall Statistic (S) =	3,0	-4,0	6,0	3,0	0,0	0,0
Number of Rounds (n) =	4	4	4	4	0	0
Average =	0,25	0,50	0,30	39,75	#DEEL/0!	#DEEL/0!
Standard Deviation =	0,238	0,374	0,534	29,500	#DEEL/0!	#DEEL/0!
Coefficient of Variation(CV)=	0,952	0,748	1,779	0,742	#DEEL/0!	#DEEL/0!

Error Check, Blank if No Errors Detected

n<4

Trend ≥ 80% Confidence Level No Trend **DECREASING** **INCREASING** No Trend n<4

Trend ≥ 90% Confidence Level No Trend No Trend n<4

Stability Test, If No Trend Exists at 80% Confidence Level CV <= 1 **STABLE** NA **CV <= 1 STABLE** n<4

Data Entry By = ckw Date = 19-jun-19 Checked By = KT n<4

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Site Name : Coupepolder te Alphen aan den Rijn

BRRTS No. = BC85F

Well Number = 102-1

Event Number	Sampling Date (most recent last)	xylene		Naftaleen		Dichlooretheen		Vinylchloride		Concentration	
		Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)
1	30-mrt-17	0,90	3,50	0,40				0,10			
2	18-jan-18	0,10	0,25	0,40				0,10			
3	11-sep-18	0,10	0,43	0,40				0,20			
4	23-mei-19	0,10	0,01	0,40				0,10			
5											
6											
7											
8											
9											
10											

Mann Kendall Statistic (S) =	-3,0	-4,0	0,0	1,0	0,0	0,0	0,0
Number of Rounds (n) =	4	4	4	4	4	0	0
Average =	0,30	1,05	0,40	0,13	#DEEL/0!	#DEEL/0!	#DEEL/0!
Standard Deviation =	0,400	1,644	0,000	0,050	#DEEL/0!	#DEEL/0!	#DEEL/0!
Coefficient of Variation(CV)=	1,333	1,569	0,000	0,400	#DEEL/0!	#DEEL/0!	#DEEL/0!

Error Check, Blank if No Errors Detected

Trend ≥ 80% Confidence Level	No Trend	DECREASING	No Trend	No Trend	No Trend	n<4	n<4
Trend ≥ 90% Confidence Level	No Trend	No Trend	No Trend	No Trend	No Trend	n<4	n<4
Stability Test, If No Trend Exists at 80% Confidence Level	CV > 1 NON-STABLE	NA	CV ≤ 1 STABLE	CV ≤ 1 STABLE	CV ≤ 1 STABLE	n<4	n<4

Data Entry By = ckw

Date = 19-jun-19

Checked By = KT

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Site Name : Coupepolder te Alphen aan den Rijn

BRRTS No. = BC85F

Well Number = 102-2

Compound ->

Event Number	Sampling Date (most recent last)	Benzeen Concentration (leave blank if no data)	Xylenen Concentration (leave blank if no data)	Naftaleen Concentration (leave blank if no data)	Toluueen Concentration (leave blank if no data)	olie Concentration (leave blank if no data)	Concentration (leave blank if no data)
1	30-mrt-17	0,10	0,60	0,01	0,40	25,00	
2	18-jan-18	0,30	0,60	0,05	0,50	25,00	
3	11-sep-18	0,10	0,10	0,07	55,00	140,00	
4	23-mei-19	0,10	0,10	0,01	9,60	25,00	
5							
6							
7							
8							
9							
10							

Mann Kendall Statistic (S) =	-1,0	-4,0	1,0	4,0	1,0	0,0
Number of Rounds (n) =	4	4	4	4	4	0
Average =	0,15	0,35	0,04	16,38	53,75	#DEEL/0!
Standard Deviation =	0,100	0,289	0,030	26,109	57,500	#DEEL/0!
Coefficient of Variation(CV)=	0,667	0,825	0,857	1,594	1,070	#DEEL/0!

Error Check, Blank if No Errors Detected

n<4

Trend ≥ 80% Confidence Level

No Trend

DECREASING

No Trend

INCREASING

No Trend

Trend ≥ 90% Confidence Level

No Trend

No Trend

No Trend

No Trend

n<4

Stability Test, If No Trend Exists at 80% Confidence Level

CV <= 1
STABLE

NA

CV <= 1
STABLE

NA

CV > 1
NON-STABLE

n<4

Data Entry By = ckw

Date =

19-jun-19

Checked By = KT

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State of Wisconsin

Department of Natural Resources

Remediation and Redevelopment Program

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**Mann-Kendall Statistical Test
Form 4400-215 (2/2001)**

Compound ->		BRRTS No. = BC85F			Well Number = 102-3		
Event Number	Sampling Date (most recent last)	Xylenen Concentration (leave blank if no data)	Naftaleen Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)
1	30-mrt-17	1,00	0,20				
2	18-jan-18	0,60	0,03				
3	11-sep-18	0,10	0,05				
4	23-mei-19	0,10	0,01				
5							
6							
7							
8							
9							
10							
Mann Kendall Statistic (S) =		-5,0	-4,0	0,0	0,0	0,0	0,0
Number of Rounds (n) =		4	4	0	0	0	0
Average =		0,45	0,07	#DEEL/0!	#DEEL/0!	#DEEL/0!	#DEEL/0!
Standard Deviation =		0,436	0,087	#DEEL/0!	#DEEL/0!	#DEEL/0!	#DEEL/0!
Coefficient of Variation(CV)=		0,969	1,194	#DEEL/0!	#DEEL/0!	#DEEL/0!	#DEEL/0!
Error Check, Blank if No Errors Detected		n<4 n<4 n<4 n<4 n<4 n<4					
Trend ≥ 80% Confidence Level		DECREASING DECREASING n<4 n<4 n<4 n<4 n<4 n<4					
Trend ≥ 90% Confidence Level		No Trend No Trend n<4 n<4 n<4 n<4					
Stability Test, if No Trend Exists at 80% Confidence Level		NA NA		n<4 n<4		n<4 n<4	
Data Entry By = ckw		Date = 19-jun-19		Checked By = KT			

State of Wisconsin

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Site Name : Coupepolder te Alphen aan den Rijn

BRRTS No. = BC85F

Well Number = 103-1

Event Number	Sampling Date (most recent last)	Benzeen		Xylenen		Naftaleen		Dichlooretheen		Olie	
		Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)		
1	30-mrt-17	1,10	0,70	0,71	0,20	25,00					
2	18-jan-18	1,50	0,60	0,15	0,05	57,00					
3	11-sep-18	2,10	1,00	0,19	0,05	62,00					
4	23-mei-19	1,20	0,40	0,12	0,05	56,00					
5											
6											
7											
8											
9											
10											

Mann Kendall Statistic (S) =	2,0	-2,0	-4,0	-3,0	2,0	0,0
Number of Rounds (n) =	4	4	4	4	4	0
Average =	1,48	0,68	0,29	0,09	50,00	#DEEL/0!
Standard Deviation =	0,450	0,250	0,280	0,075	16,872	#DEEL/0!
Coefficient of Variation(CV)=	0,305	0,370	0,957	0,857	0,337	#DEEL/0!

Error Check, Blank if No Errors Detected

n<4

Trend ≥ 80% Confidence Level	No Trend	No Trend	DECREASING	No Trend	No Trend	n<4
Trend ≥ 90% Confidence Level	No Trend	No Trend	No Trend	No Trend	No Trend	n<4

Stability Test, If No Trend Exists at 80% Confidence Level	CV <= 1 STABLE	CV <= 1 STABLE	NA	CV <= 1 STABLE	CV <= 1 STABLE	n<4
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Data Entry By = ckw	Date = 19-jun-19	Checked By = KT
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Site Name : Coupepolder te Alphen aan den Rijn

BRRTS No. = BC85F

Well Number = 103-2

Event Number	Sampling Date (most recent last)	Benzeen		Xylenen		Naftaleen		Toueen		Olie	
		Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)	
1	30-mrt-17	0,10	0,10	0,08	0,30	25,00					
2	18-jan-18	0,30	0,70	0,03	1,10	220,00					
3	11-sep-18	0,30	0,10	4,40	9,30	110,00					
4	23-mei-19	1,20	0,10	0,01	18,00	56,00					
5											
6											
7											
8											
9											
10											

Mann Kendall Statistic (S) =	5,0	-1,0	-2,0	6,0	0,0	0,0
Number of Rounds (n) =	4	4	4	4	4	0
Average =	0,48	0,25	1,13	7,18	102,75	#DEEL/0!
Standard Deviation =	0,492	0,300	2,180	8,284	85,695	#DEEL/0!
Coefficient of Variation(CV)=	1,037	1,200	1,929	1,155	0,834	#DEEL/0!

Error Check, Blank if No Errors Detected

n<4

Trend ≥ 80% Confidence Level	INCREASING	No Trend	No Trend	INCREASING	No Trend	n<4
Trend ≥ 90% Confidence Level	No Trend	No Trend	No Trend	INCREASING	No Trend	n<4

Stability Test, If No Trend Exists at 80% Confidence Level	NA	CV > 1 NON-STABLE	CV > 1 NON-STABLE	NA	CV ≤ 1 STABLE	n<4
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Data Entry By = ckw	Date = 19-jun-19	Checked By = KT
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Site Name : Coupepolder te Alphen aan den Rijn

BRRTS No. = BC85F

Well Number = 103-3

Compound ->

Event Number	Sampling Date (most recent last)	Benzeen Concentration (leave blank if no data)	Xylenen Concentration (leave blank if no data)	Naftaleen Concentration (leave blank if no data)	Toueen Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)
1	30-mrt-17	2,60	0,80	0,19	1,80		
2	18-jan-18	1,50	0,40	0,01	0,40		
3	11-sep-18	1,70	0,10	0,01	15,00		
4	23-mei-19	2,80	0,10	0,01	0,30		
5							
6							
7							
8							
9							
10							

Mann Kendall Statistic (S) =	2,0	-5,0	-3,0	-2,0	0,0	0,0
Number of Rounds (n) =	4	4	4	4	0	0
Average =	2,15	0,35	0,06	4,38	#DEEL/0!	#DEEL/0!
Standard Deviation =	0,645	0,332	0,090	7,116	#DEEL/0!	#DEEL/0!
Coefficient of Variation(CV)=	0,300	0,948	1,636	1,627	#DEEL/0!	#DEEL/0!

Error Check, Blank if No Errors Detected

Trend ≥ 80% Confidence Level	No Trend	DECREASING	No Trend	No Trend	n<4	n<4
Trend ≥ 90% Confidence Level	No Trend	No Trend	No Trend	No Trend	n<4	n<4
Stability Test, If No Trend Exists at 80% Confidence Level	CV <= 1 STABLE	NA	CV > 1 NON-STABLE	CV > 1 NON-STABLE	n<4	n<4

Data Entry By = ckw

Date = 19-jun-19

Checked By = KT

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Site Name : Coupepolder te Alphen aan den Rijn

BRRTS No. = BC85F

Well Number = 104-1

Event Number	Compound -> Sampling Date (most recent last)	Benzeen		ethylbenzeen		xyleneen		naftaleen		dichlooretheen		olie	
		Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)
1	30-mrt-17	2,30	1,60	8,40	5,30	0,20	220,00						
2	18-jan-18	2,50	4,70	20,00	6,40	0,30	150,00						
3	11-sep-18	2,30	0,60	4,60	10,00	0,20	80,00						
4	23-mei-19	2,60	0,60	5,80	2,60	0,30	53,00						
5													
6													
7													
8													
9													
10													

Mann Kendall Statistic (S) =	3,0	-3,0	-2,0	0,0	2,0	-6,0
Number of Rounds (n) =	4	4	4	4	4	4
Average =	2,43	1,88	9,70	6,08	0,25	125,75
Standard Deviation =	0,150	1,941	7,047	3,065	0,058	74,959
Coefficient of Variation(CV)=	0,062	1,035	0,727	0,505	0,231	0,596

Error Check, Blank if No Errors Detected

Trend ≥ 80% Confidence Level	No Trend	No Trend	No Trend	No Trend	No Trend	DECREASING
Trend ≥ 90% Confidence Level	No Trend	No Trend	No Trend	No Trend	No Trend	DECREASING
Stability Test, If No Trend Exists at 80% Confidence Level	CV <= 1 STABLE	CV > 1 NON-STABLE	CV <= 1 STABLE	CV <= 1 STABLE	CV <= 1 STABLE	NA

Data Entry By = ckw

Date = 19-jun-19

Checked By = KT

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Site Name : Coupepolder te Alphen aan den Rijn

BRRTS No. = BC85F

Well Number = 104-2

Event Number	Sampling Date (most recent last)	Benzeen		xylene		naftaleen		tolueen		olie	
		Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)
1	30-mrt-17	0,10	0,60	0,04	0,30	60,00					
2	18-jan-18	0,60	0,80	0,05	1,50	290,00					
3	11-sep-18	0,50	0,10	28,00	0,50	220,00					
4	23-mei-19	0,50	0,10	0,01	17,00	590,00					
5											
6											
7											
8											
9											
10											

Mann Kendall Statistic (S) =	1,0	-3,0	0,0	4,0	4,0	0,0
Number of Rounds (n) =	4	4	4	4	4	0
Average =	0,43	0,40	7,03	4,83	290,00	#DEEL/0!
Standard Deviation =	0,222	0,356	13,983	8,134	221,961	#DEEL/0!
Coefficient of Variation(CV)=	0,522	0,890	1,991	1,686	0,765	#DEEL/0!

Error Check, Blank if No Errors Detected

n<4

Trend ≥ 80% Confidence Level	No Trend	No Trend	No Trend	INCREASING	INCREASING	n<4
Trend ≥ 90% Confidence Level	No Trend	No Trend	No Trend	No Trend	No Trend	n<4

Stability Test, If No Trend Exists at 80% Confidence Level	CV <= 1 STABLE	CV <= 1 STABLE	CV > 1 NON-STABLE	NA	NA	n<4
--	--------------------------	--------------------------	-----------------------------	----	----	-----

Data Entry By = ckw	Date = 19-jun-19	Checked By = KT
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Department of Natural Resources

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Site Name : Coupepolder te Alphen aan den Rijn

BRRTS No. = BC85F

Well Number = 104-3

Event Number	Sampling Date (most recent last)	Compound ->				Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)
		Benzeen	xylene	naftaleen					
1	30-mrt-17	0,10	0,10	0,01					
2	18-jan-18	0,80	1,00	0,17					
3	11-sep-18	1,50	0,80	0,14					
4	23-mei-19	1,10	0,80	0,08					
5									
6									
7									
8									
9									
10									

Mann Kendall Statistic (S) =	4,0	1,0	0,0	0,0	0,0	0,0	0,0
Number of Rounds (n) =	4	4	4	4	0	0	0
Average =	0,88	0,68	0,10	#DEEL/0!	#DEEL/0!	#DEEL/0!	#DEEL/0!
Standard Deviation =	0,591	0,395	0,071	#DEEL/0!	#DEEL/0!	#DEEL/0!	#DEEL/0!
Coefficient of Variation(CV)=	0,675	0,585	0,707	#DEEL/0!	#DEEL/0!	#DEEL/0!	#DEEL/0!

Error Check, Blank if No Errors Detected

Trend ≥ 80% Confidence Level	INCREASING	No Trend	No Trend	n<4	n<4	n<4	n<4
Trend ≥ 90% Confidence Level	No Trend	No Trend	No Trend	n<4	n<4	n<4	n<4
Stability Test, If No Trend Exists at 80% Confidence Level	NA	CV <= 1 STABLE	CV <= 1 STABLE	n<4	n<4	n<4	n<4

Data Entry By = ckw

Date = 19-jun-19

Checked By = KT

THIS BLOCK OF CELLS IS USED TO SEARCH FOR DATA ENTRY ERRORS

State of Wisconsin

**Department of Natural Resources
Remediation and Redevelopment Program**

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Site Name : Coupepolder te Alphen aan den Rijn

BRRTS No. = BC85F

Well Number = 105-1

Event Number	Sampling Date (most recent last)	Benzeen		xylene		naftaleen		dichlooretheen		olie	
		Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)		
1	30-mrt-17	4,60	1,20	2,50	0,20	25,00					
2	18-jan-18	4,80	0,80	6,30	0,20	25,00					
3	11-sep-18	3,00	0,40	29,00	0,20	58,00					
4	23-mei-19	3,50	0,40	2,00	0,20	25,00					
5											
6											
7											
8											
9											
10											

Mann Kendall Statistic (S) =	-2,0	-5,0	0,0	0,0	1,0	0,0
Number of Rounds (n) =	4	4	4	4	4	0
Average =	3,98	0,70	9,95	0,20	33,25	#DEEL/0!
Standard Deviation =	0,866	0,383	12,844	0,000	16,500	#DEEL/0!
Coefficient of Variation(CV)=	0,218	0,547	1,291	0,000	0,496	#DEEL/0!

Error Check, Blank if No Errors Detected

n<4

Trend ≥ 80% Confidence Level	No Trend	DECREASING	No Trend	No Trend	No Trend	n<4
Trend ≥ 90% Confidence Level	No Trend	No Trend	No Trend	No Trend	No Trend	n<4

Stability Test, If No Trend Exists at 80% Confidence Level	CV <= 1 STABLE	NA	CV > 1 NON-STABLE	CV <= 1 STABLE	CV <= 1 STABLE	n<4
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Data Entry By = ckw	Date = 19-jun-19	Checked By = KT
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State of Wisconsin

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Site Name : Coupepolder te Alphen aan den Rijn

BRRTS No. = BC85F

Well Number = 105-2

Event Number	Sampling Date (most recent last)	Benzeen		xylene		naftaleen		dichlooretheen		olie	
		Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)		
1	30-mrt-17	4,60	1,20	2,50	0,20	25,00					
2	18-jan-18	4,80	0,80	6,30	0,20	25,00					
3	11-sep-18	3,00	0,40	29,00	0,20	58,00					
4	23-mei-19	3,50	0,40	2,00	0,20	25,00					
5											
6											
7											
8											
9											
10											

Mann Kendall Statistic (S) =	-2,0	-5,0	0,0	0,0	1,0	0,0
Number of Rounds (n) =	4	4	4	4	4	0
Average =	3,98	0,70	9,95	0,20	33,25	#DEEL/0!
Standard Deviation =	0,866	0,383	12,844	0,000	16,500	#DEEL/0!
Coefficient of Variation(CV)=	0,218	0,547	1,291	0,000	0,496	#DEEL/0!

Error Check, Blank if No Errors Detected

Trend ≥ 80% Confidence Level	No Trend	DECREASING	No Trend	No Trend	No Trend	n<4
Trend ≥ 90% Confidence Level	No Trend	No Trend	No Trend	No Trend	No Trend	n<4

Stability Test, If No Trend Exists at 80% Confidence Level	CV <= 1 STABLE	NA	CV > 1 NON-STABLE	CV <= 1 STABLE	CV <= 1 STABLE	n<4
Data Entry By = ckw	Date = 19-jun-19	Checked By = KT				n<4

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Site Name : Coupepolder te Alphen aan den Rijn

BRRTS No. = BC85F

Well Number = 106-1

Event Number	Sampling Date (most recent last)	Benzeen		xylene		naftaleen		dichloormethaan		dichlooretheen		olie	
		Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)
1	30-mrt-17	13,00	1,80	71,00	0,10	0,20	150,00						
2	18-jan-18	7,30	1,30	31,00	0,10	0,20	25,00						
3	11-sep-18	12,00	1,60	25,00	0,10	0,20	130,00						
4	23-mei-19	11,00	5,70	57,00	1,10	0,30	110,00						
5													
6													
7													
8													
9													
10													

Mann Kendall Statistic (S) =	-2,0	2,0	-2,0	3,0	3,0	-2,0
Number of Rounds (n) =	4	4	4	4	4	4
Average =	10,83	2,60	46,00	0,35	0,23	103,75
Standard Deviation =	2,488	2,077	21,695	0,500	0,050	54,981
Coefficient of Variation(CV)=	0,230	0,799	0,472	1,429	0,222	0,530

Error Check, Blank if No Errors Detected

Trend ≥ 80% Confidence Level	No Trend	No Trend	No Trend	No Trend	No Trend	No Trend
Trend ≥ 90% Confidence Level	No Trend	No Trend	No Trend	No Trend	No Trend	No Trend
Stability Test, If No Trend Exists at 80% Confidence Level	CV <= 1 STABLE	CV <= 1 STABLE	CV <= 1 STABLE	CV > 1 NON-STABLE	CV <= 1 STABLE	CV <= 1 STABLE

Data Entry By = ckw

Date = 19-jun-19

Checked By = KT

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Site Name : Coupepolder te Alphen aan den Rijn

BRRTS No. = BC85F

Well Number = 106-2

Compound ->

Event Number	Sampling Date (most recent last)	Benzeen Concentration (leave blank if no data)	xylene Concentration (leave blank if no data)	naftaleen Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)
1	30-mrt-17	2,40	1,60	1,60			
2	18-jan-18	0,40	0,90	0,02			
3	11-sep-18	0,90	0,40	0,01			
4	23-mei-19	2,60	0,50	0,59			
5							
6							
7							
8							
9							
10							

Mann Kendall Statistic (S) =	2,0	-4,0	-2,0	0,0	0,0	0,0	0,0
Number of Rounds (n) =	4	4	4	0	0	0	0
Average =	1,58	0,85	0,56	#DEEL/0!	#DEEL/0!	#DEEL/0!	#DEEL/0!
Standard Deviation =	1,090	0,545	0,748	#DEEL/0!	#DEEL/0!	#DEEL/0!	#DEEL/0!
Coefficient of Variation(CV)=	0,692	0,641	1,347	#DEEL/0!	#DEEL/0!	#DEEL/0!	#DEEL/0!

Error Check, Blank if No Errors Detected

Trend ≥ 80% Confidence Level	No Trend	DECREASING	No Trend	n<4	n<4	n<4	n<4
Trend ≥ 90% Confidence Level	No Trend	No Trend	No Trend	n<4	n<4	n<4	n<4
Stability Test, If No Trend Exists at 80% Confidence Level	CV <= 1 STABLE	NA	CV > 1 NON-STABLE	n<4	n<4	n<4	n<4

Data Entry By = ckw

Checked By = KT

Date = 19-jun-19

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**State of Wisconsin
Department of Natural Resources
Remediation and Redevelopment Program**

**Mann-Kendall Statistical Test
Form 4400-215 (2/2001)**

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Compound ->		Benzene	xylene	naftaleen	dichloorethee	dichloormethaan	Vinylchloride
Event Number	Sampling Date (most recent last)	Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)
1	30-mrt-17	4,50	8,50	100,00	0,30	0,10	0,10
2	18-jan-18	3,70	7,60	77,00	0,40	0,10	0,10
3	11-sep-18	4,20	4,60	67,00	0,30	0,10	0,10
4	23-mei-19	3,00	4,50	25,00	0,30	5,20	0,40
5							
6							
7							
8							
9							
10							
Mann Kendall Statistic (S) =		-4,0	-6,0	-6,0	-1,0	3,0	3,0
Number of Rounds (n) =		4	4	4	4	4	4
Average =		3,85	6,30	67,25	0,33	1,38	0,18
Standard Deviation =		0,656	2,054	31,373	0,050	2,550	0,150
Coefficient of Variation(CV)=		0,170	0,326	0,467	0,154	1,855	0,857

Error Check, Blank if No Errors Detected							
Trend ≥ 80% Confidence Level	DECREASING	DECREASING	DECREASING	DECREASING	No Trend	No Trend	No Trend
Trend ≥ 90% Confidence Level	No Trend	DECREASING	DECREASING	DECREASING	No Trend	No Trend	No Trend
Stability Test, If No Trend Exists at 80% Confidence Level	NA	NA	NA	NA	CV <= 1 STABLE	CV > 1 NON-STABLE	CV <= 1 STABLE
Data Entry By = ckw		Date = 19-jun-19		Checked By = KT			

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**Mann-Kendall Statistical Test
Form 4400-215 (2/2001)**

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Compound ->		BRRTS No. = BC85F			Well Number = 107-1		
Event Number	Sampling Date (most recent last)	Olie Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)
1	30-mrt-17	350,00					
2	18-jan-18	310,00					
3	11-sep-18	240,00					
4	23-mei-19	250,00					
5							
6							
7							
8							
9							
10							
Mann Kendall Statistic (S) =		-4,0	0,0	0,0	0,0	0,0	0,0
Number of Rounds (n) =		4	0	0	0	0	0
Average =		287,50	#DEEL/0!	#DEEL/0!	#DEEL/0!	#DEEL/0!	#DEEL/0!
Standard Deviation =		51,881	#DEEL/0!	#DEEL/0!	#DEEL/0!	#DEEL/0!	#DEEL/0!
Coefficient of Variation(CV)=		0,180	#DEEL/0!	#DEEL/0!	#DEEL/0!	#DEEL/0!	#DEEL/0!
Error Check, Blank if No Errors Detected			n<4	n<4	n<4	n<4	n<4
Trend ≥ 80% Confidence Level		DECREASING	n<4	n<4	n<4	n<4	n<4
Trend ≥ 90% Confidence Level		No Trend	n<4	n<4	n<4	n<4	n<4
Stability Test, If No Trend Exists at 80% Confidence Level		NA	n<4	n<4	n<4	n<4	n<4
Data Entry By = ckw			Date = 19-jun-19		Checked By = KT		

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Site Name : Coupepolder te Alphen aan den Rijn

BRRTS No. = BC85F

Well Number = 107-2

Event Number	Compound -> Sampling Date (most recent last)	Benzene		Ethylbenzene		Touene		Xylenen		Naftaleen		Dichlooretheen	
		Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)	
1	30-mrt-17	2,70	13,00	7,10	46,00	4,30	0,30						
2	18-jan-18	1,40	1,90	0,40	14,00	1,50	0,10						
3	11-sep-18	1,90	0,80	0,50	2,20	2,40	0,10						
4	23-mei-19	2,10	1,10	0,60	2,80	2,90	0,20						
5													
6													
7													
8													
9													
10													

Mann Kendall Statistic (S) =	0,0	-4,0	0,0	-4,0	0,0	0,0	-1,0
Number of Rounds (n) =	4	4	4	4	4	4	4
Average =	2,03	4,20	2,15	16,25	2,78	2,78	0,18
Standard Deviation =	0,538	5,885	3,301	20,562	1,170	1,170	0,096
Coefficient of Variation(CV)=	0,266	1,401	1,535	1,265	0,422	0,422	0,547

Error Check, Blank if No Errors Detected

Trend ≥ 80% Confidence Level	No Trend	DECREASING	No Trend	DECREASING	No Trend	No Trend	No Trend
Trend ≥ 90% Confidence Level	No Trend	No Trend	No Trend	No Trend	No Trend	No Trend	No Trend
Stability Test, If No Trend Exists at 80% Confidence Level	CV <= 1 STABLE	NA	CV > 1 NON-STABLE	NA	CV <= 1 STABLE	CV <= 1 STABLE	CV <= 1 STABLE

Data Entry By = ckw

Date = 19-jun-19

Checked By = KT

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Site Name : Coupepolder te Alphen aan den Rijn

BRRTS No. = BC85F

Well Number = 107-2

Event Number	Sampling Date (most recent last)	Compound -> dichloormethaan		Vinylchloride		olie		Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)
		Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)			
1	30-mrt-17	0,10	0,20	100,00						
2	18-jan-18	0,10	0,10	25,00						
3	11-sep-18	0,10	0,10	52,00						
4	23-mei-19	5,90	0,40	25,00						
5										
6										
7										
8										
9										
10										

Mann Kendall Statistic (S) =	3,0	1,0	-3,0	0,0	0,0	0,0
Number of Rounds (n) =	4	4	4	0	0	0
Average =	1,55	0,20	50,50	#DEEL/0!	#DEEL/0!	#DEEL/0!
Standard Deviation =	2,900	0,141	35,369	#DEEL/0!	#DEEL/0!	#DEEL/0!
Coefficient of Variation(CV)=	1,871	0,707	0,700	#DEEL/0!	#DEEL/0!	#DEEL/0!

Error Check, Blank if No Errors Detected

Trend ≥ 80% Confidence Level	No Trend	No Trend	No Trend	n<4	n<4	n<4
Trend ≥ 90% Confidence Level	No Trend	No Trend	No Trend	n<4	n<4	n<4

Stability Test, If No Trend Exists at 80% Confidence Level

CV > 1	NON-STABLE	CV ≤ 1	STABLE	n<4	n<4	n<4
CV ≤ 1	STABLE	CV ≤ 1	STABLE	n<4	n<4	n<4

Data Entry By = ckw

Date = 19-jun-19

Checked By = KT

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State of Wisconsin

**Department of Natural Resources
Remediation and Redevelopment Program**

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Site Name : Coupepolder te Alphen aan den Rijn

BRRTS No. = BC85F

Well Number = 108-1

Event Number	Sampling Date (most recent last)	benzeen		Xylenen Concentration (leave blank if no data)	Naftaleen Concentration (leave blank if no data)		2trichloorethaan Concentration (leave blank if no data)		1dichlooretheen Concentration (leave blank if no data)	
		Concentration (leave blank if no data)	Concentration (leave blank if no data)		Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)		
1	30-mrt-17	2,80		2,30	14,00	0,05	0,10	0,10	0,10	0,10
2	18-jan-18	1,70		1,20	0,50	0,05	0,10	0,10	0,05	0,05
3	11-sep-18	1,90		0,70	0,32	0,05	0,10	0,10	0,05	0,05
4	23-mei-19	1,10		1,20	0,09	0,10	5,90	0,05	0,05	0,05
5										
6										
7										
8										
9										
10										

Mann Kendall Statistic (S) =	-4,0	-3,0	-6,0	3,0	3,0	3,0	-3,0
Number of Rounds (n) =	4	4	4	4	4	4	4
Average =	1,88	1,35	3,73	0,06	1,55	1,55	0,06
Standard Deviation =	0,704	0,676	6,850	0,025	2,900	2,900	0,025
Coefficient of Variation(CV)=	0,376	0,501	1,838	0,400	1,871	1,871	0,400

Error Check, Blank if No Errors Detected

Trend ≥ 80% Confidence Level	DECREASING	No Trend	DECREASING	No Trend	No Trend	No Trend	No Trend
Trend ≥ 90% Confidence Level	No Trend	No Trend	DECREASING	No Trend	No Trend	No Trend	No Trend
Stability Test, If No Trend Exists at 80% Confidence Level	NA	CV <= 1 STABLE	NA	CV <= 1 STABLE	CV > 1 NON-STABLE	CV <= 1 STABLE	CV <= 1 STABLE

Data Entry By = ckw

Date = 19-jun-19

Checked By = KT

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Site Name : Coupepolder te Alphen aan den Rijn

BRRTS No. = BC85F

Well Number = 108-1

Event Number	Sampling Date (most recent last)	Compound ->		Olie Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)
		dichlooretheen Concentration (leave blank if no data)	Vinylchloride Concentration (leave blank if no data)				
1	30-mrt-17	0,30	0,30	160,00			
2	18-jan-18	0,30	0,30	79,00			
3	11-sep-18	0,20	0,10	25,00			
4	23-mei-19	0,20	0,20	25,00			
5							
6							
7							
8							
9							
10							

Mann Kendall Statistic (S) =	-4,0	-3,0	-5,0	0,0	0,0	0,0	0,0
Number of Rounds (n) =	4	4	4	0	0	0	0
Average =	0,25	0,23	72,25	#DEEL/0!	#DEEL/0!	#DEEL/0!	#DEEL/0!
Standard Deviation =	0,058	0,096	63,799	#DEEL/0!	#DEEL/0!	#DEEL/0!	#DEEL/0!
Coefficient of Variation(CV)=	0,231	0,426	0,883	#DEEL/0!	#DEEL/0!	#DEEL/0!	#DEEL/0!

Error Check, Blank if No Errors Detected

Trend ≥ 80% Confidence Level	DECREASING	No Trend	DECREASING	n<4	n<4	n<4	n<4
Trend ≥ 90% Confidence Level	No Trend	No Trend	No Trend	n<4	n<4	n<4	n<4
Stability Test, If No Trend Exists at 80% Confidence Level	NA	CV <= 1 STABLE	NA	n<4	n<4	n<4	n<4

Data Entry By = ckw

Date = 19-jun-19

Checked By = KT

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**State of Wisconsin
Department of Natural Resources
Remediation and Redevelopment Program**

**Mann-Kendall Statistical Test
Form 4400-215 (2/2001)**

Notice: This form is the DNR supplied spreadsheet referenced in Appendices A of Comm 46 and NK 746, Wis. Adm. Code. It is provided to consultants as an optional tool for groundwater contaminant trend analysis to support site closure requests under s. Comm 46.07, Comm 46.08, NR 746.07, NR 746.08, Wis. Adm. Code. Use this form or a manual method when seeking case closure under those rules. Earlier versions of this form should not be used.

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Site Name : Coupepolder te Alphen aan den Rijn		BRRTS No. =	BC85F	Well Number =	108-2	
Compound ->		Benzeen Concentration (leave blank if no data)	Xylenen Concentration (leave blank if no data)	Naftaleen Dichloormethaan Concentration (leave blank if no data)	Dichlooretheen Concentration (leave blank if no data)	Vinylchloride Concentration (leave blank if no data)
Event Number	Sampling Date (most recent last)					
1	30-mrt-17	2,70	2,20	17,00	0,10	0,10
2	18-jan-18	1,40	1,50	1,30	0,10	0,30
3	11-sep-18	2,00	0,80	5,30	0,10	0,10
4	23-mei-19	2,40	1,10	0,41	4,90	0,30
5						
6						
7						
8						
9						
10						
Mann Kendall Statistic (S) =		0,0	-4,0	-4,0	3,0	2,0
Number of Rounds (n) =		4	4	4	4	4
Average =		2,13	1,40	6,00	1,30	0,20
Standard Deviation =		0,562	0,606	7,634	2,400	0,115
Coefficient of Variation(CV)=		0,264	0,433	1,272	1,846	0,577

Error Check, Blank if No Errors Detected

Trend ≥ 80% Confidence Level	No Trend	DECREASING	DECREASING	No Trend	No Trend	No Trend
Trend ≥ 90% Confidence Level	No Trend	No Trend	No Trend	No Trend	No Trend	No Trend
Stability Test, If No Trend Exists at 80% Confidence Level	CV <= 1 STABLE	NA	NA	CV > 1 NON-STABLE	CV <= 1 STABLE	CV <= 1 STABLE
Data Entry By =	ckw	Date =	19-jun-19	Checked By =	KT	

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State of Wisconsin

**Department of Natural Resources
Remediation and Redevelopment Program**

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Site Name : Coupepolder te Alphen aan den Rijn

BRRTS No. = BC85F

Well Number = 108-2

Compound ->

Event Number	Sampling Date (most recent last)	Olie Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)
1	30-mrt-17	110,00				
2	18-jan-18	230,00				
3	11-sep-18	50,00				
4	23-mei-19	25,00				
5						
6						
7						
8						
9						
10						

Mann Kendall Statistic (S) =	-4,0	0,0	0,0	0,0	0,0	0,0
Number of Rounds (n) =	4	0	0	0	0	0
Average =	103,75	#DEEL/0!	#DEEL/0!	#DEEL/0!	#DEEL/0!	#DEEL/0!
Standard Deviation =	91,413	#DEEL/0!	#DEEL/0!	#DEEL/0!	#DEEL/0!	#DEEL/0!
Coefficient of Variation(CV)=	0,881	#DEEL/0!	#DEEL/0!	#DEEL/0!	#DEEL/0!	#DEEL/0!

Error Check, Blank if No Errors Detected

n<4

n<4

n<4

n<4

n<4

n<4

n<4

n<4

Trend ≥ 80% Confidence Level

DECREASING

n<4

n<4

n<4

Trend ≥ 90% Confidence Level

No Trend

n<4

n<4

n<4

Stability Test, If No Trend Exists at 80% Confidence Level

NA

n<4

n<4

n<4

Data Entry By = ckw

Date = 19-jun-19

Checked By = KT

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State of Wisconsin

Department of Natural Resources

Remediation and Redevelopment Program

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Mann-Kendall Statistical Test Form 4400-215 (2/2001)

Site Name = Coupepolder te Alphen aan den Rijn		BRRTS No. = BC85F		Well Number = 109-1		
Compound ->	benzeen	Xylenen	Naftaleen	Dichlooretheen	lichtloormethaan	Olie
Event Number	Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)
1	30-mrt-17 6,00	1,60	24,00	0,10	0,10	280,00
2	18-jan-18 6,00	1,00	17,00	0,20	0,10	130,00
3	11-sep-18 5,70	0,60	75,00	0,30	1,20	62,00
4	23-mei-19 8,70	4,60	28,00	0,30	1,50	60,00
5						
6						
7						
8						
9						
10						

Mann Kendall Statistic (S) =	1,0	0,0	2,0	5,0	5,0	-6,0
Number of Rounds (n) =	4	4	4	4	4	4
Average =	6,60	1,95	36,00	0,23	0,73	133,00
Standard Deviation =	1,407	1,814	26,394	0,096	0,732	103,260
Coefficient of Variation(CV)=	0,213	0,930	0,733	0,426	1,010	0,776

Error Check, Blank if No Errors Detected

Trend ≥ 80% Confidence Level	No Trend	No Trend	No Trend	INCREASING	INCREASING	DECREASING
Trend ≥ 90% Confidence Level	No Trend	No Trend	No Trend	No Trend	No Trend	DECREASING

Stability Test, if No Trend Exists at 80% Confidence Level	CV ≤ 1 STABLE	CV ≤ 1 STABLE	CV ≤ 1 STABLE	NA	NA	NA
--	-------------------------	-------------------------	-------------------------	----	----	----

Data Entry By = ckw Date = 19-jun-19 Checked By = KT

State of Wisconsin

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Site Name : Coupepolder te Alphen aan den Rijn

BRRTS No. = BC85F

Well Number = 109-2

Event Number	Sampling Date (most recent last)	benzeen		xylene		naftaleen		dichlooretheen		dichloormethaan		olie	
		Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)
1	30-mrt-17	4,20	3,90	59,00	0,05	0,10	250,00						
2	18-jan-18	5,40	2,90	40,00	0,05	0,10	290,00						
3	11-sep-18	5,90	2,30	38,00	0,20	0,10	180,00						
4	23-mei-19	6,80	5,60	24,00	0,20	1,30	100,00						
5													
6													
7													
8													
9													
10													

Mann Kendall Statistic (S) =	6,0	0,0	-6,0	4,0	3,0	-4,0
Number of Rounds (n) =	4	4	4	4	4	4
Average =	5,58	3,68	40,25	0,13	0,40	205,00
Standard Deviation =	1,084	1,443	14,385	0,087	0,600	83,467
Coefficient of Variation(CV)=	0,195	0,393	0,357	0,693	1,500	0,407

Error Check, Blank if No Errors Detected

Trend ≥ 80% Confidence Level	INCREASING	No Trend	DECREASING	INCREASING	No Trend	DECREASING
Trend ≥ 90% Confidence Level	INCREASING	No Trend	DECREASING	No Trend	No Trend	No Trend
Stability Test, If No Trend Exists at 80% Confidence Level	NA	CV <= 1 STABLE	NA	NA	CV > 1 NON-STABLE	NA

Data Entry By = ckw

Date = 19-jun-19

Checked By = KT

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