

# Eikerenovervåkingen 2016

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VESTFOLD VANN IKS

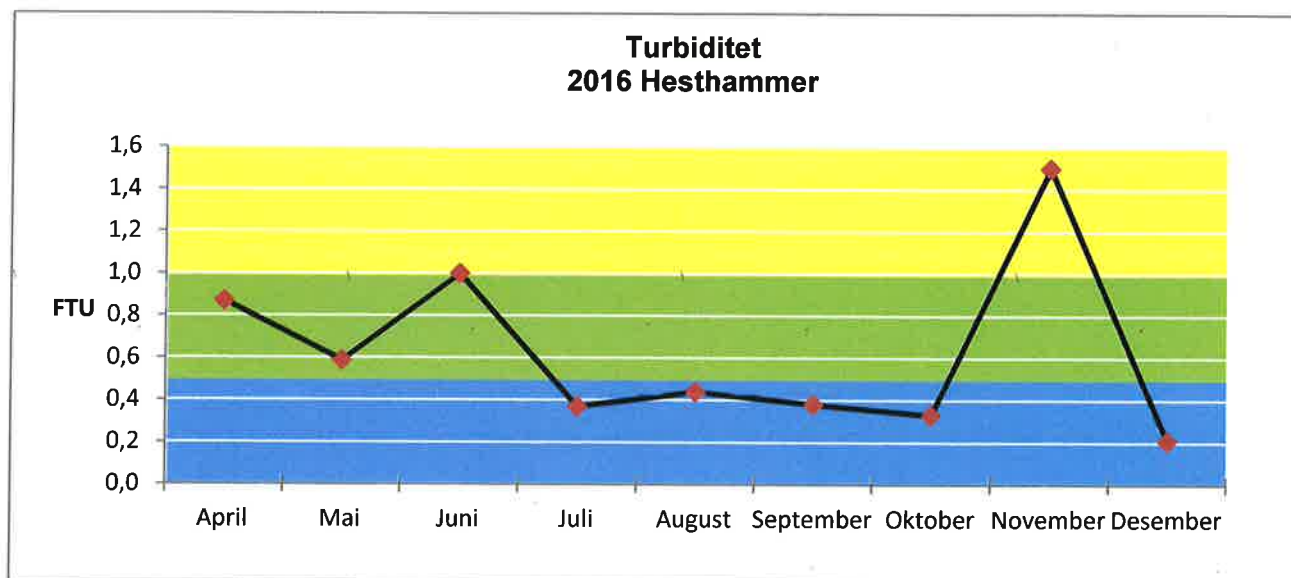
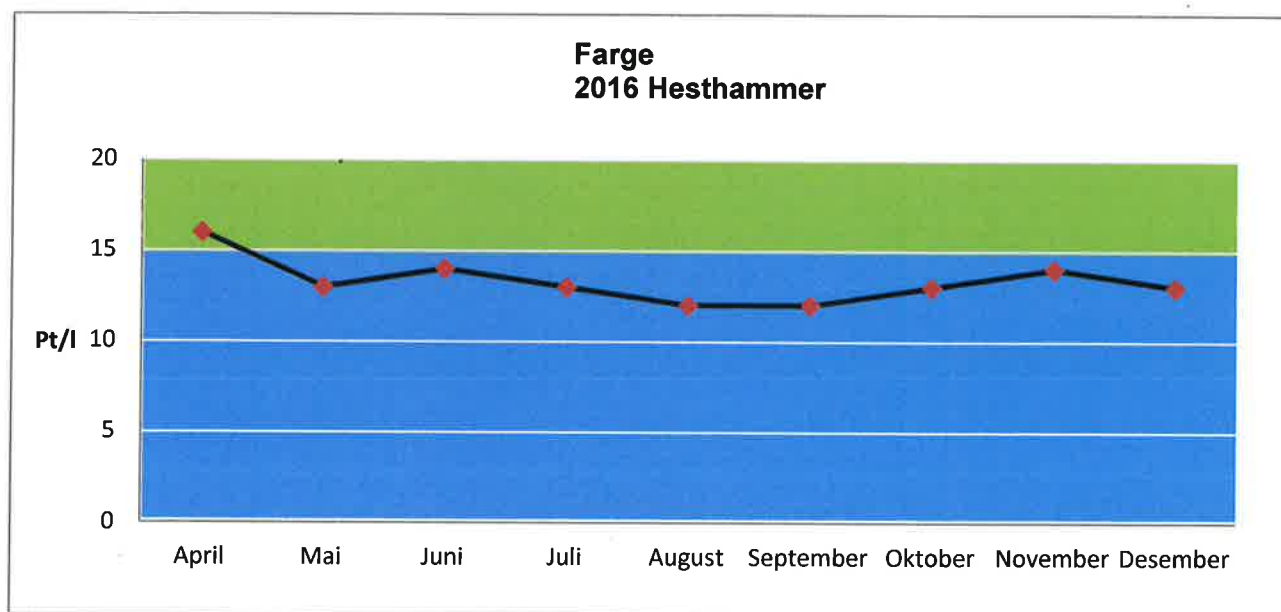
Rent vann vår fremtid

# Eikerenovervåkingen 2016

## Eikeren Hesthammer 2016 Blandprøve fra overflaten 1 - 10 m

	April	Mai	Juni	Juli	August	September	Oktober	November	Desember
pH	6,7	6,7	7,4	7,5	7,2	7,1	6,8	7,1	7,2
Farge Pt/l	16	13	14	13	12	12	13	14	13
Turb. FTU	0,87	0,59	1,00	0,37	0,44	0,38	0,33	1,50	0,21
Tot P µg/P/l	3	10,0	2,0	25,0	9,0	1,0	12,0	8,0	14
Tot N µg N/l	680	1000	720	720	790	680	760	950	790
Klorofyll µg/l	0,6	0,40	1,3	0,80	1,50	2,00	2,90	0,80	1,10
E-coli ant/100 ml	0	0	0	1	0	0	0	0	0
Kolliforme /100ml	0	5	0	0	1	0	0	0	1
Kimtall /ml	5	80	150	90	170	150	180	150	90
TOC mg/C/l	3,6	4	4	4,9	4	5,1	3,9	3,6	4
Siktedyp m	7,5		7,5	8	7,5	7,5	5,8		7
Temperatur	3,5		11,4	15,8	16,6	15,9	10,2		4,1

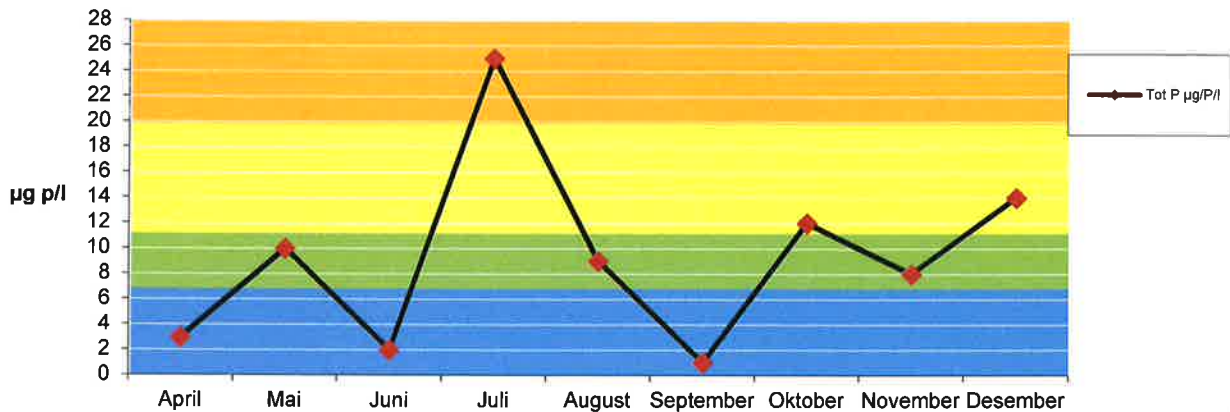
Tall merket rødt = 1/2 par av deteksjonsgrensen (benyttet når prøveresultat er mindre enn grensen)



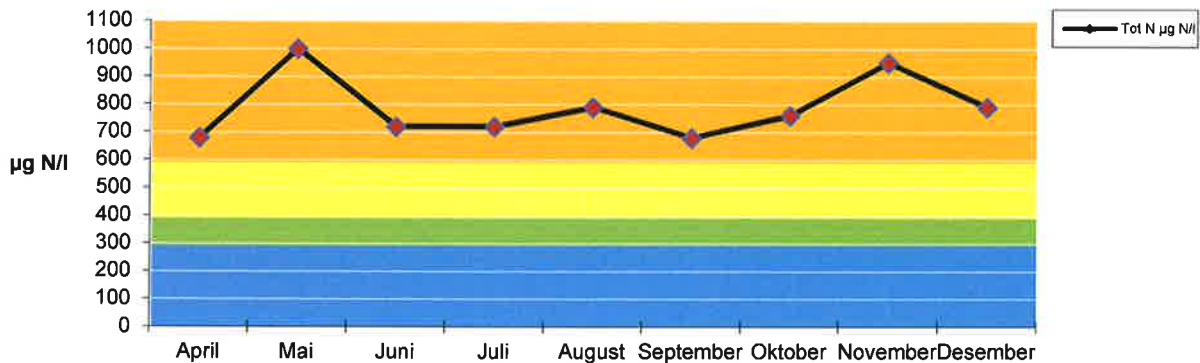
I påvente av gode grenseverdier i klassifiserings veilederen (konferert med Dag Berge, NIVA) for store og dype innsjøer, er det benyttet verdier fra SFTsin veileder 97:04 "Klassifisering av miljøkvalitet i ferskvann."

■ Meget god    
 ■ God    
 ■ Mindre god    
 ■ Dårlig

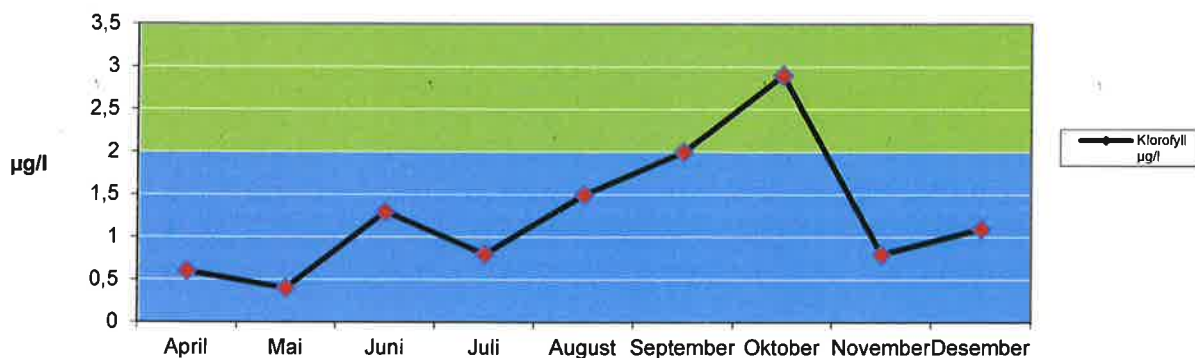
**Tot. fosfor  
2016 Hesthammer**



**Tot. nitrogen  
2016 Hesthammer**



**Klorofyll  
2016 Hesthammer**



Meget god
  God
  Mindre god
  Dårlig

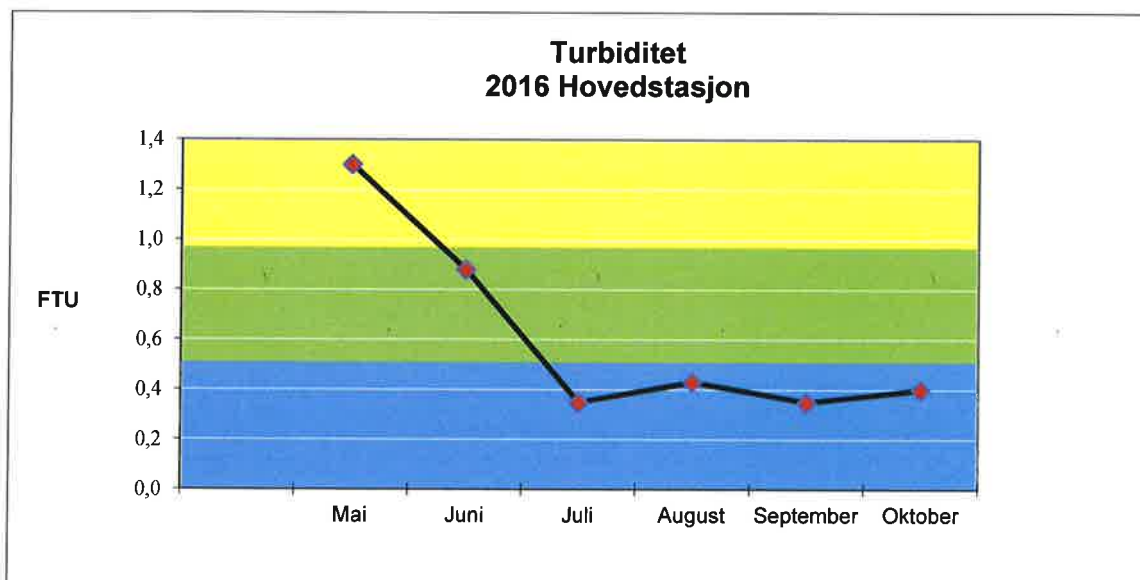
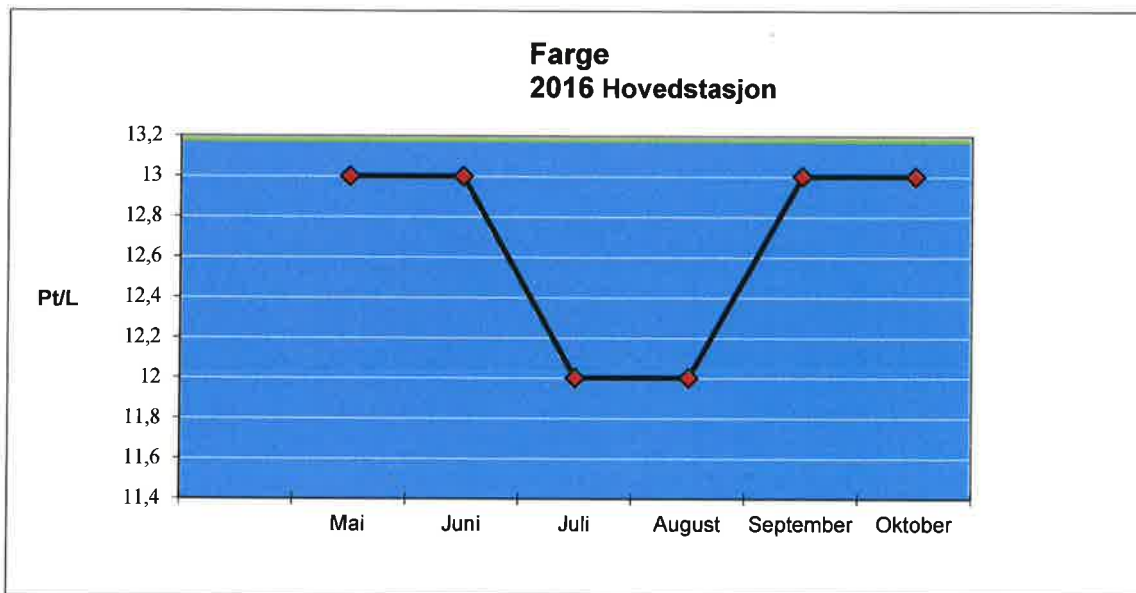
# Eikeren - hovedstasjon Analyseresultater 2016 Blandprøver fra overflaten 0 - 10 m

Prøvetakingsdatoer:

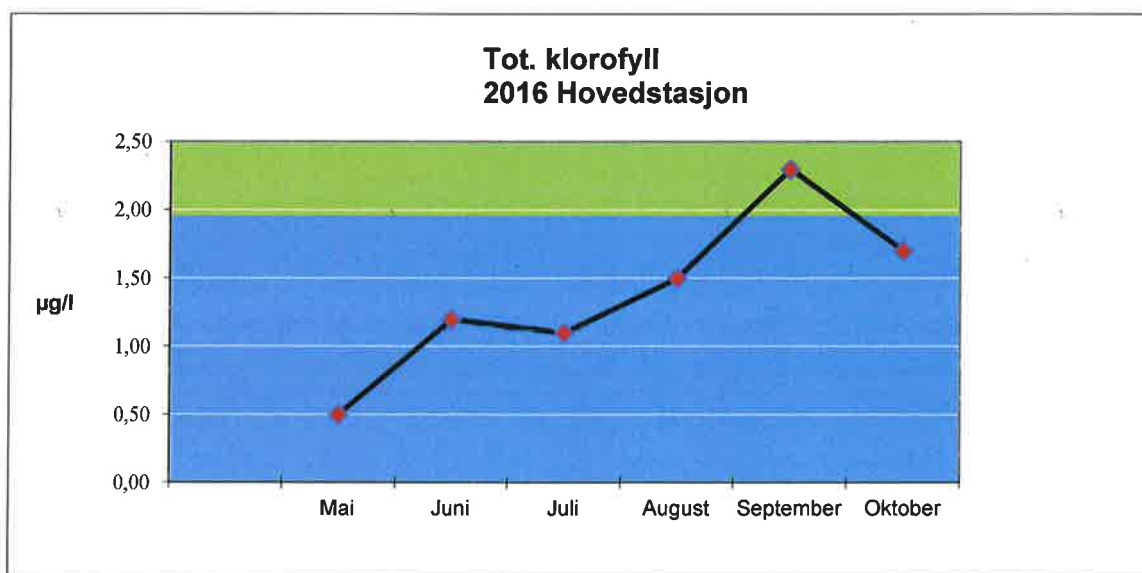
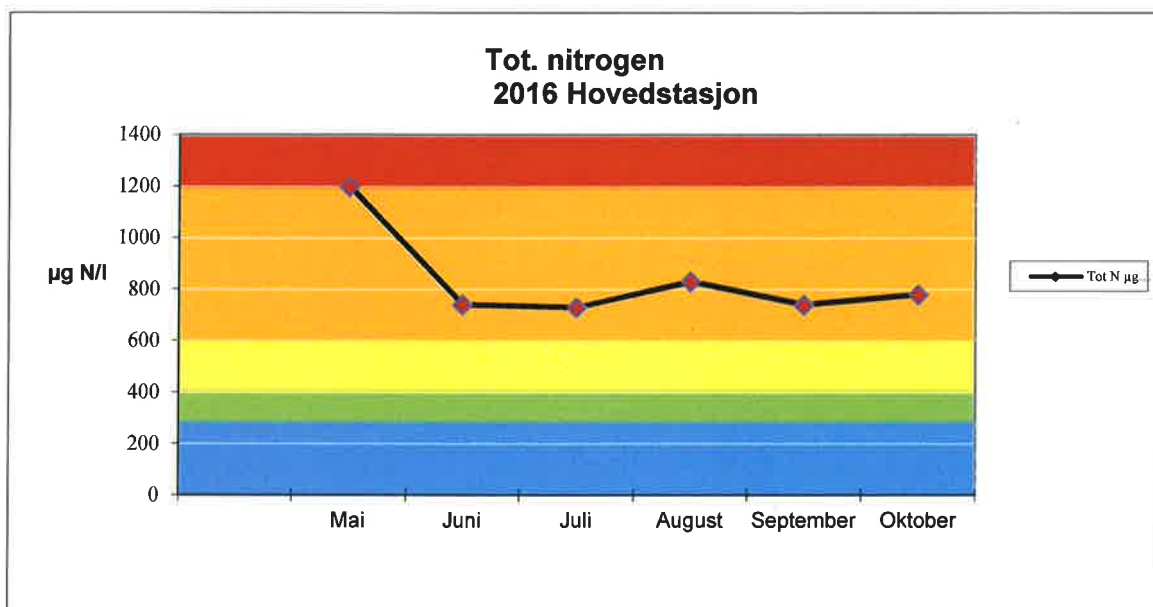
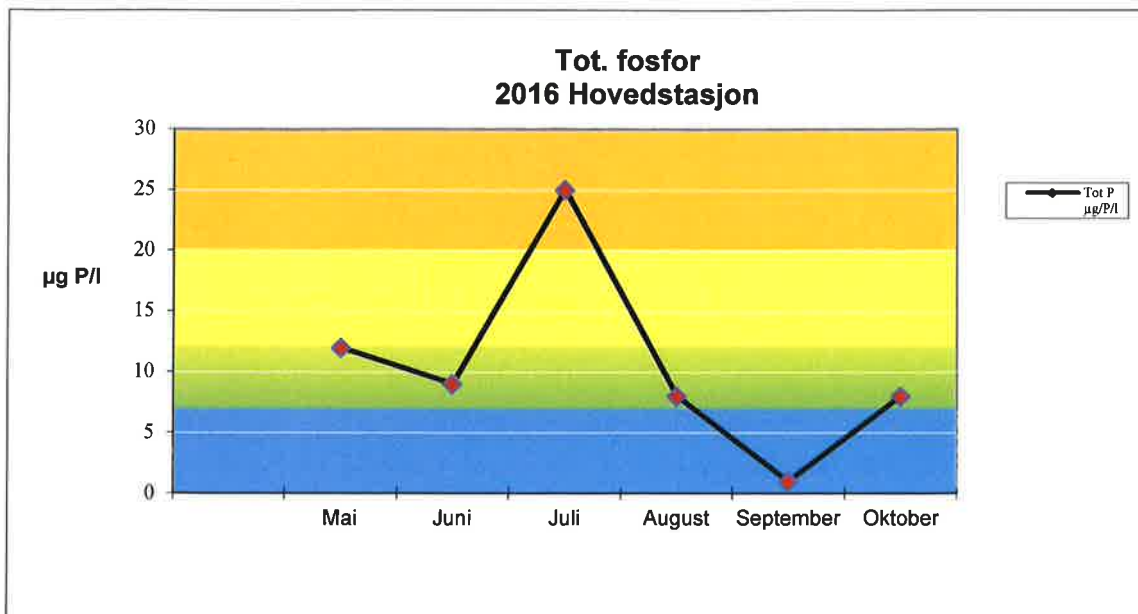
## Parameter

	Mai	Juni	Juli	August	September	Oktober
pH	6,8	7,5	7,5	7,3	7,1	7,2
Farge Pt/l	13	13	12	12	13	13
Turb. FTU	1,30	0,88	0,35	0,43	0,35	0,40
Tot P µg/P/l	12,0	9,0	25,0	8,0	1,0	8,0
Tot N µg N/l	1200	740	730	830	740	780
Klorofyll µg/l	0,50	1,20	1,10	1,50	2,30	1,70
E-coli ant/100 ml	0	0	0	0	0	0
Kolliforme /100ml	4	0	2	10	0	0
Kimtall /ml	60	60	130	400	260	780
TOC	5,2	4,2	4,6	4,3	5,2	4,3
Siktedyp		6,5	8,0	7,0		
Temperatur		12,6	15,2	16,9		10,0

Tall merket rødt = 1/2 par av deteksjonsgrensen (benyttet når prøveresultat er mindre enn grensen)



Meget god
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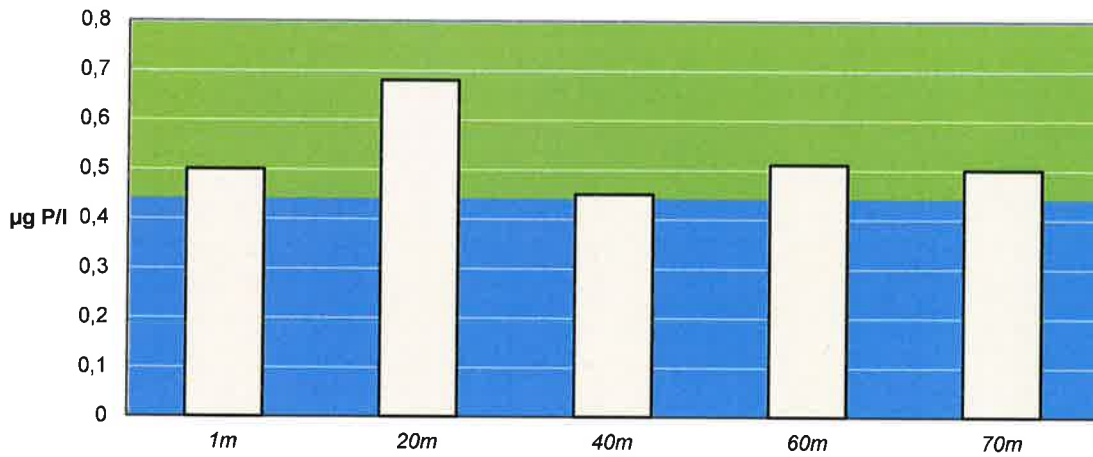


Meget god
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  Meget dårlig

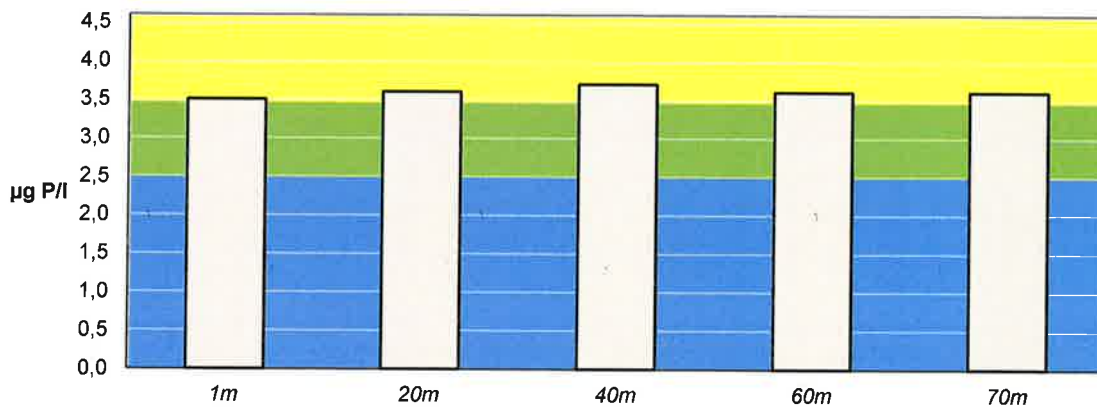
## Vannkvalitet i dybdeprofiler i Eikeren Hesthammer

	April 1m	April 20m	April 40m	April 60m	April 70m
pH	6,7	6,7	6,7	6,8	6,7
Farge Pt/l	15	15	14	13	14
Turb. FTU	0,5	0,68	0,45	0,51	0,5
TOC mg/l	3,5	3,6	3,7	3,6	3,6
E-coli ant/100 ml	0	0	0	0	0
Koliforme /100ml	0	0	1	0	0
Kimtall /ml	20	5	5	10	20
Intestinale enterokokker	0	0	0	0	0
Clostridium perfringens	0	0	0	0	0
Jern µg/Fe/l	13,7	12	14,2	14,9	16,9
Mangan µg Mn/l	2,4	2,3	2,6	2,9	3,1

Turb. Hesthammer dybde april 2016

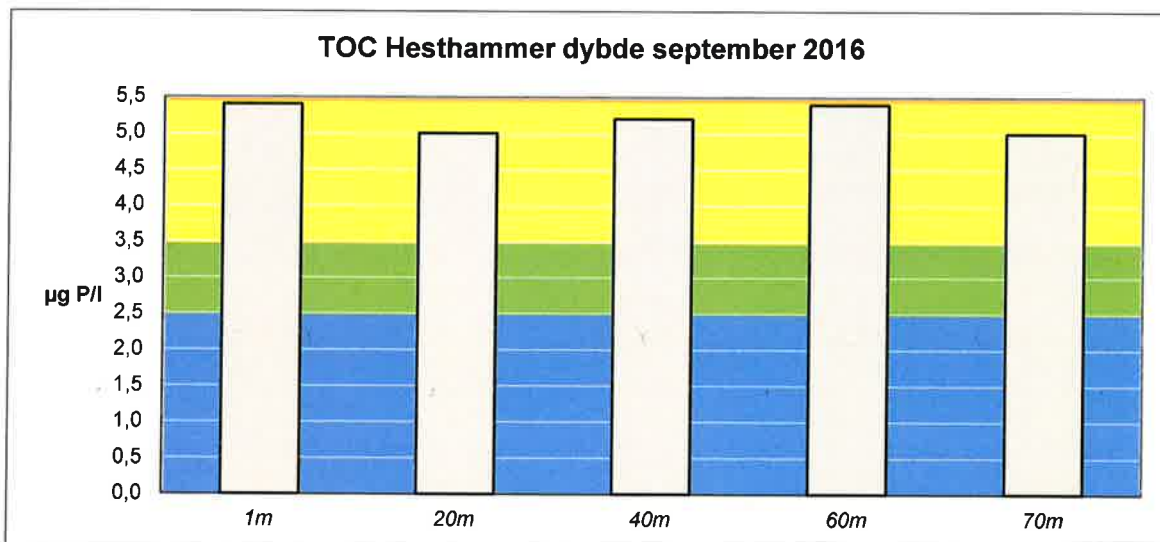
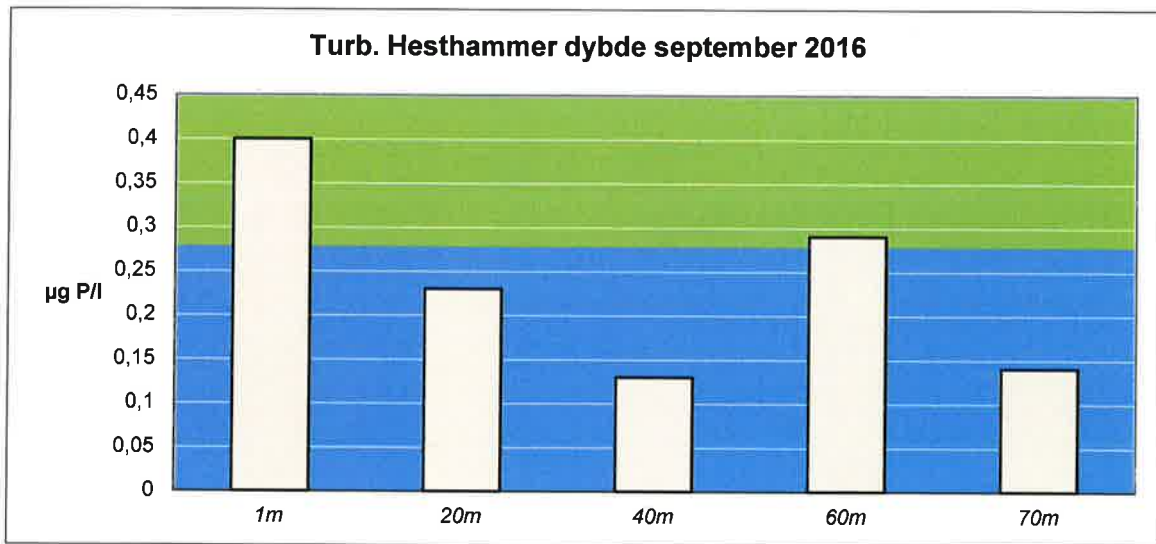


TOC Hesthammer dybde april 2016



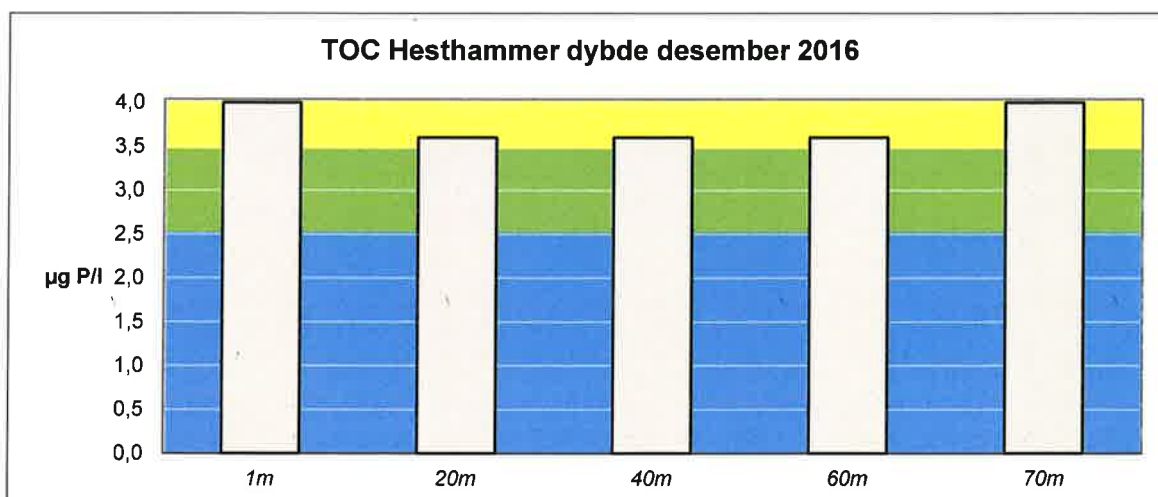
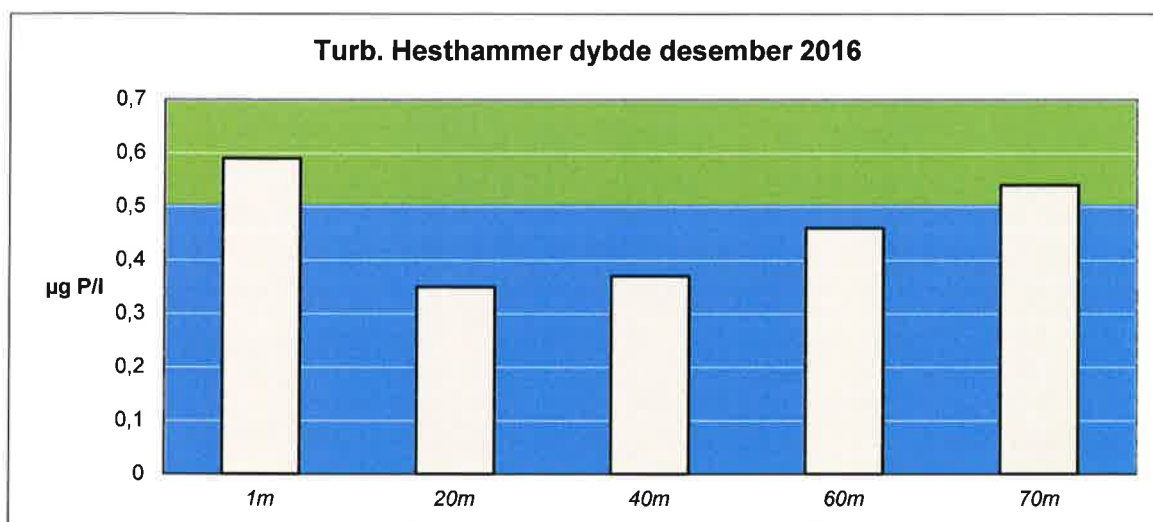
■ Meget god   
 ■ God   
 ■ Mindre god   
 ■ Dårlig

	Sept 1m	Sept 20m	Sept 40m	Sept 60m	Sept 70m
pH	7,2	7,1	7,0	7,1	7,1
Farge Pt/l	12	14	14	14	14
Turb. FTU	0,4	0,23	0,13	0,29	0,14
TOC mg/l	5,4	5,0	5,2	5,4	5,0
E-coli ant/100 ml	0	0	0	0	0
Koliforme /100ml	0	0	0	0	0
Kimtall /ml	130	80	320	100	140
Intestinale enterokokker	0	0	0	0	0
Clostridium perfringens	0	0	0	0	0
Jern µg/Fe/l	7,6	8,5	9,5	9,9	9,4
Mangan µg Mn/l	1,8	1,5	1,3	1,2	1,1
Temperatur	15,8	7,2	4,8	4,2	4,2



Meget god
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  Mindre god
  Dårlig

	Des 1m	Des 20m	Des 40m	Des 60m	Des 70m
pH	7,2	7,2	7,2	7,2	7,2
Farge Pt/l	14	14	14	15	15
Turb. FTU	0,59	0,35	0,37	0,46	0,54
TOC mg/l	4,0	3,6	3,6	3,6	4,0
E-coli ant/100 ml	0	0	0	0	2
Koliforme /100ml	0	0	0	0	2
Kimtall /ml	180	5	40	100	130
Intestinale enterokokker	0	0	0	0	0
Clostridium perfringens	0	0	0	0	0
Jern µg/Fe/l	10,4	10,4	9,5	14,3	15,9
Mangan µg Mn/l	2,4	2,3	2,1	3,6	4,1

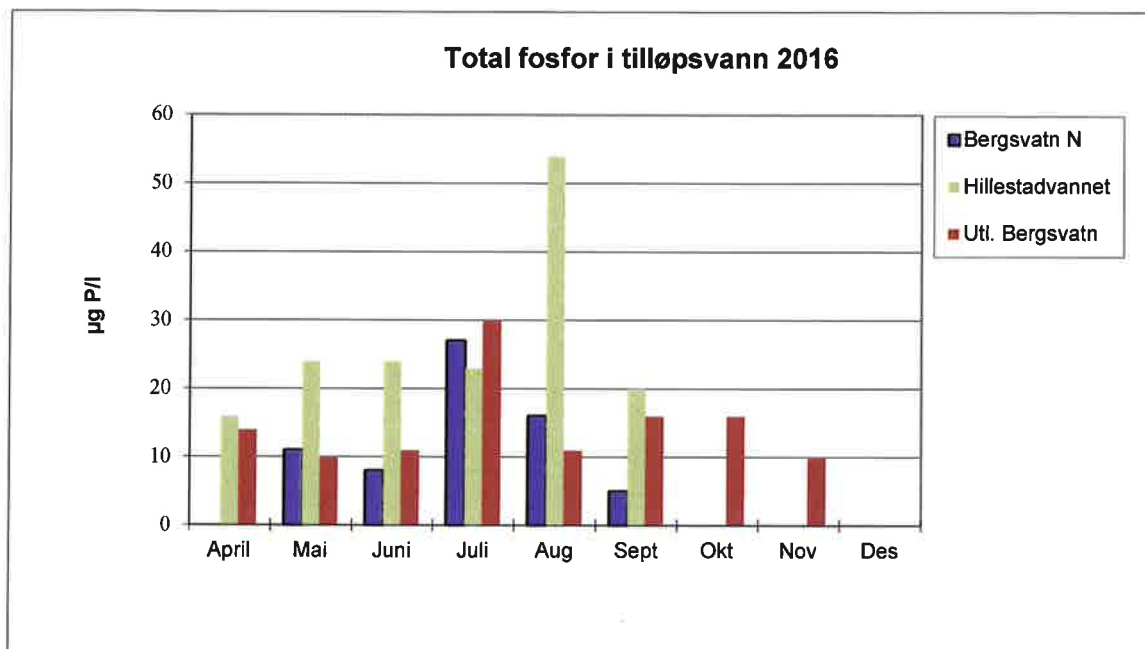


■ Meget god   
 ■ God   
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 ■ Dårlig

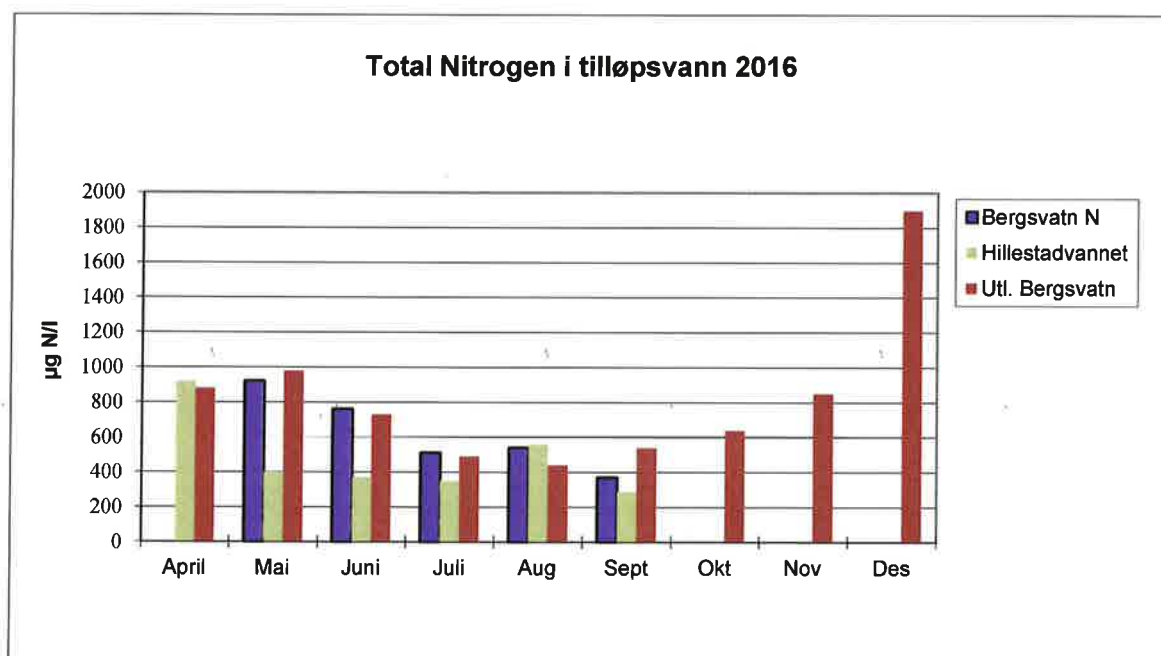


## Vannkvalitet i tilløpsvann 2016

Total fosfor	April	Mai	Juni	Juli	Aug	Sept	Okt	Nov	Des
Bergsvatn N		11	8	27	16	5			
Utl. Bergsvatn	14	10	11	30	11	16	16	10	
Hillestadvannet	16	24	24	23	54	20			

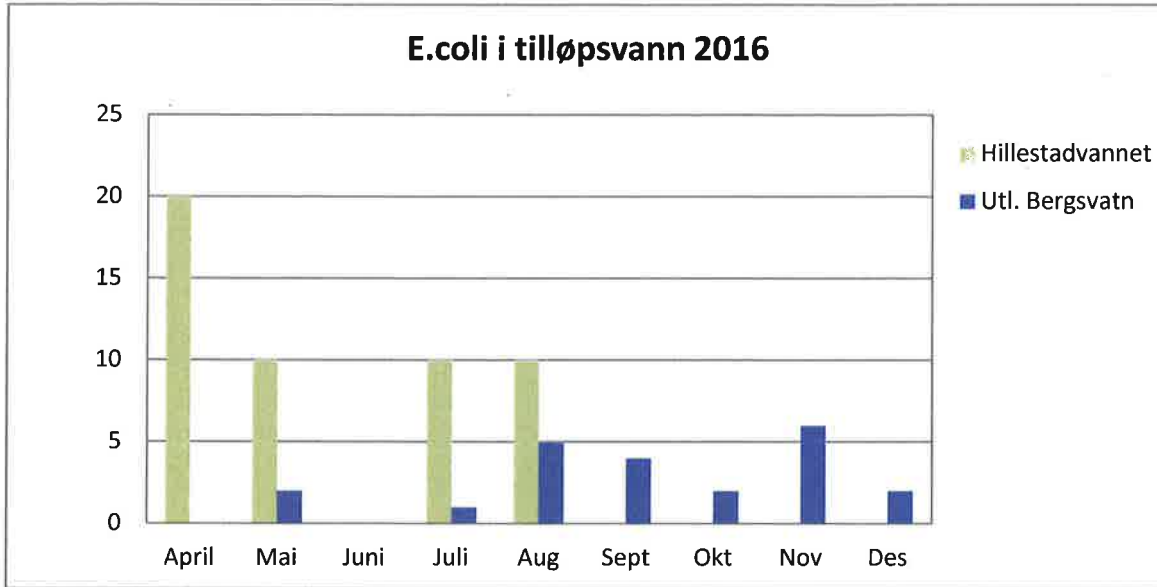


Tot.nitrogen 2016	April	Mai	Juni	Juli	Aug	Sept	Okt	Nov	Des
Bergsvatn N		920	760	510	540	370			
Utl. Bergsvatn	880	980	730	490	440	540	640	850	1900
Hillestadvannet	920	400	370	350	560	290			



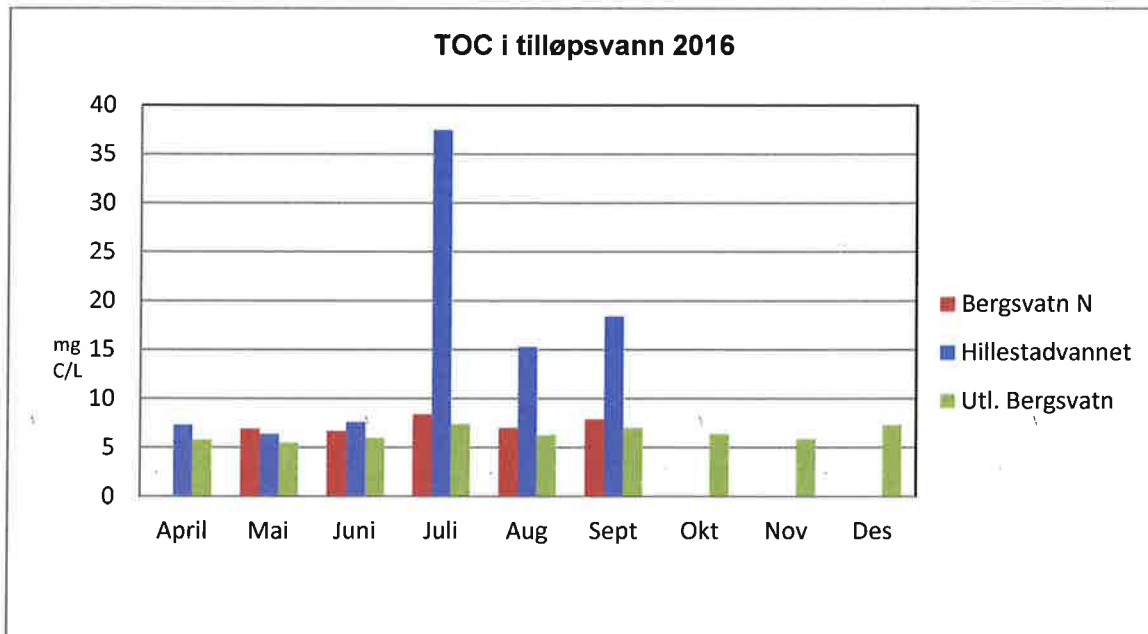
**E.coli**

	April	Mai	Juni	Juli	Aug	Sept	Okt	Nov	Des
Hillestadvannet	20	10	0	10	10	0			
Utl. Bergsvatn	0	2	0	1	5	4	2	6	2



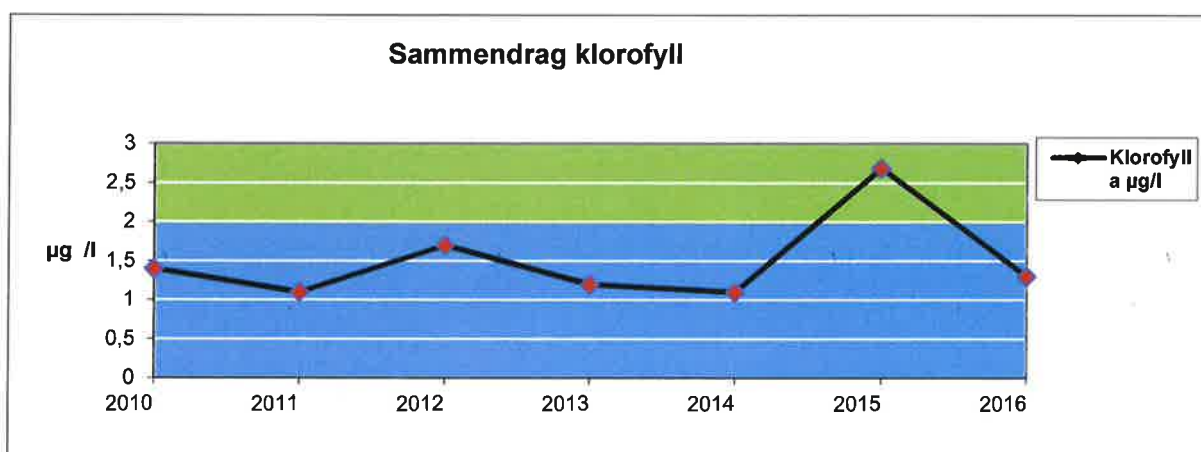
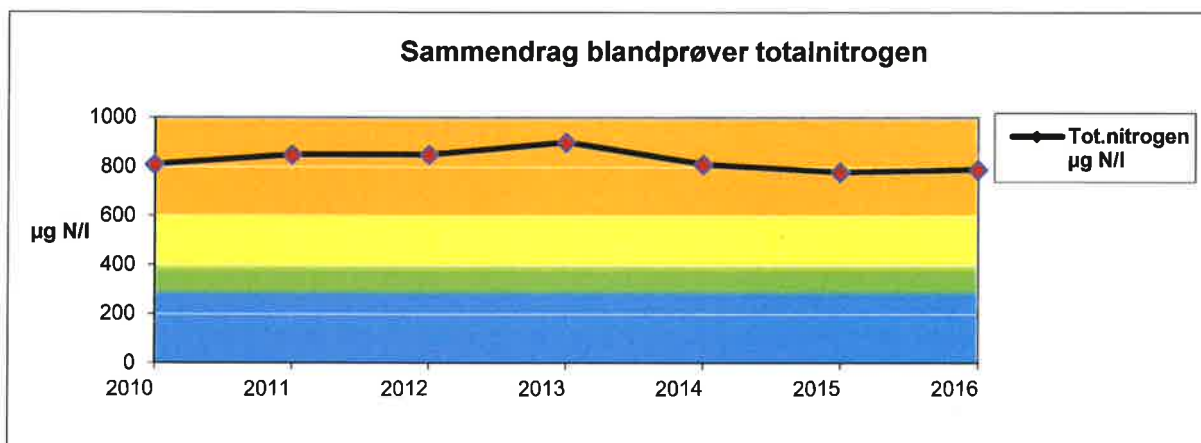
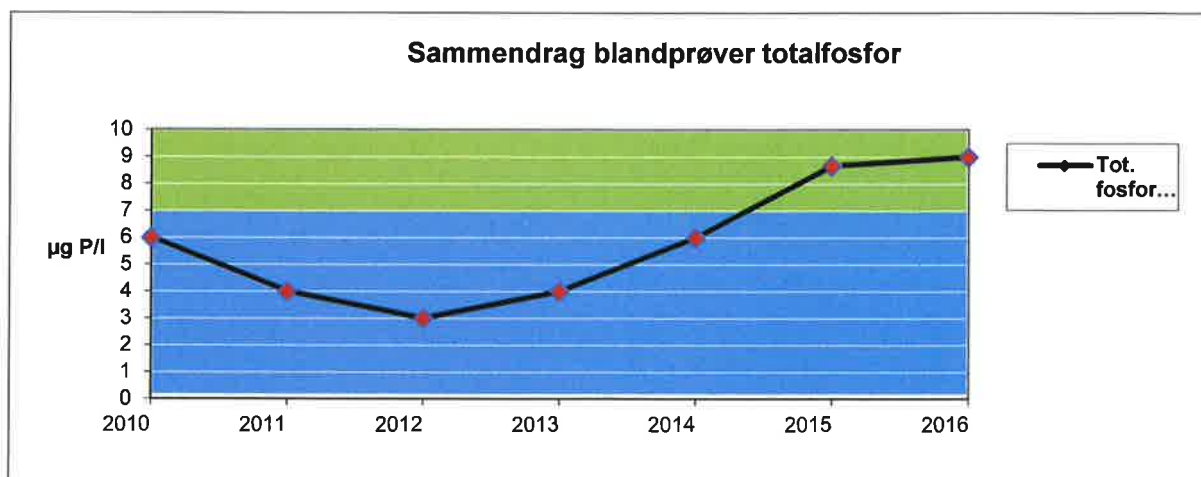
**TOC**

	April	Mai	Juni	Juli	Aug	Sept	Okt	Nov	Des
Bergsvatn N		6,9	6,7	8,4	7,0	7,9			
Utl. Bergsvatn	5,8	5,5	6	7,4	6,3	7	6,4	5,9	7,3
Hillestadvannet	7,3	6,4	7,6	37,5	15,3	18,4			



## Sammendrag Hesthammer, blandprøver fra overflaten 0 - 10 m

	2010	2011	2012	2013	2014	2015	2016
Tot. fosfor $\mu\text{g P/l}$	6	4	3	4	6	8,7	9
Tot.nitrogen $\mu\text{g N/l}$	810	850	850	900	810	778	790
Klorofyll a $\mu\text{g/l}$	1,4	1,1	1,7	1,2	1,1	2,7	1,3



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