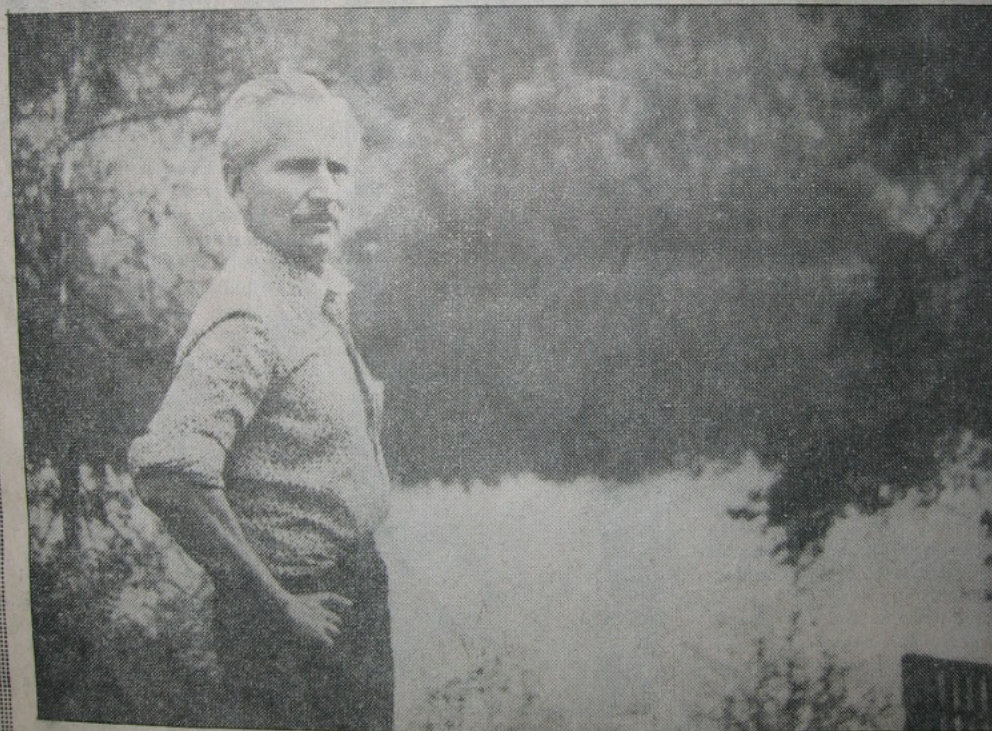




Østlandets Blad 14. juni 1977

Kommunen gjør ikke nok for å redde Kolbotnvannet



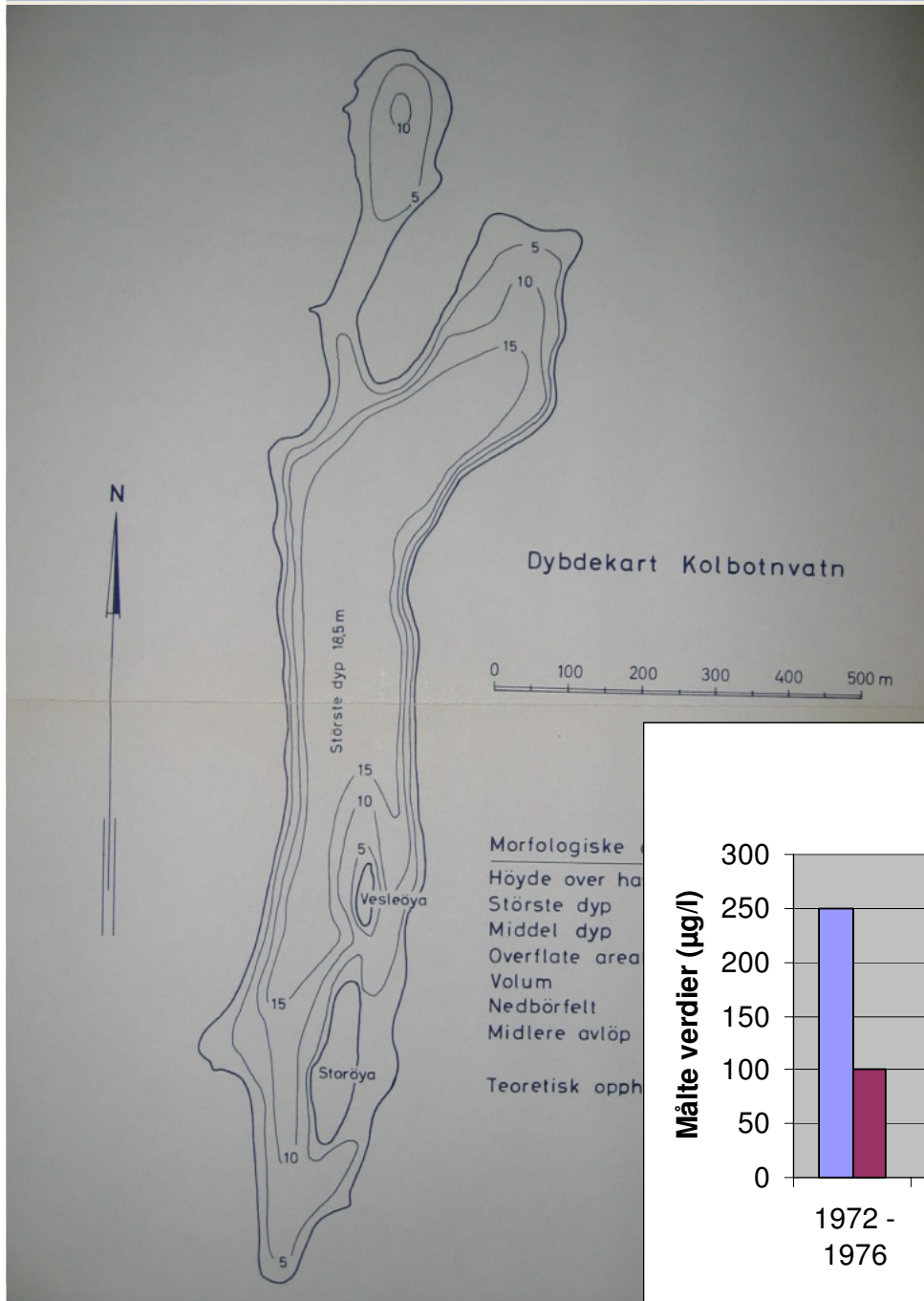
AV GUDMUND LINDBÆK

— Både vi som bor rundt Kolbotnvannet og

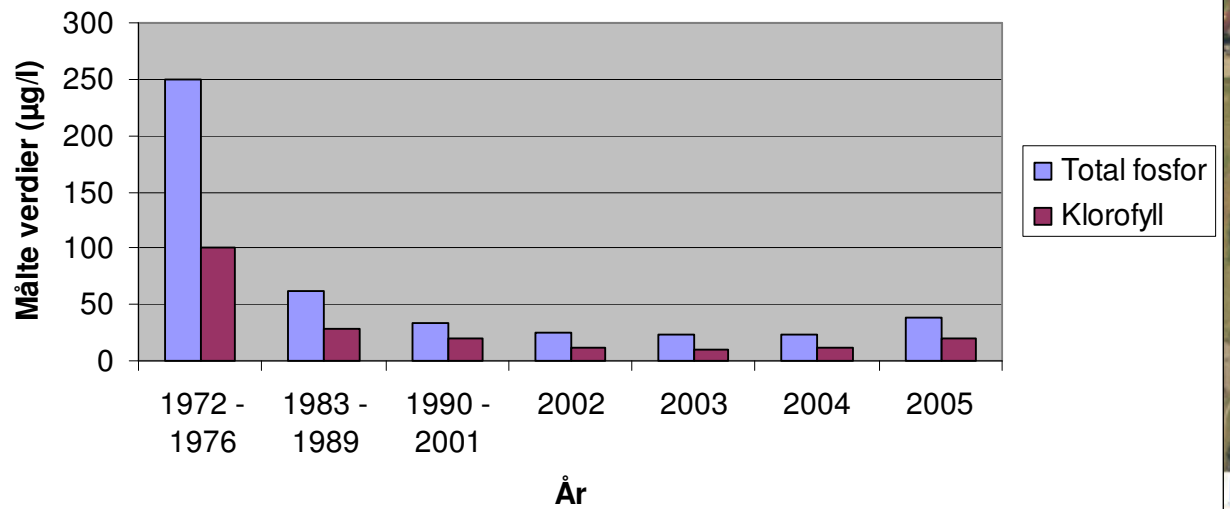
de kommunale myndigheter er interessert i å redde vannet fra total

Bilde: Erik Lie har bodd ved Kolbotnvannet siden 1919. I dag er han sjokkert over vannkvaliteten.

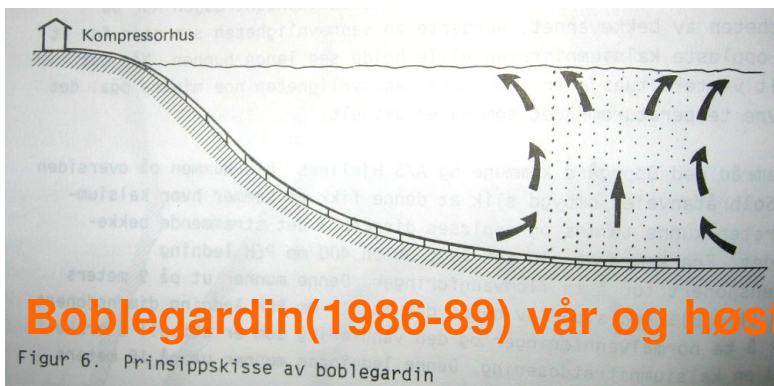
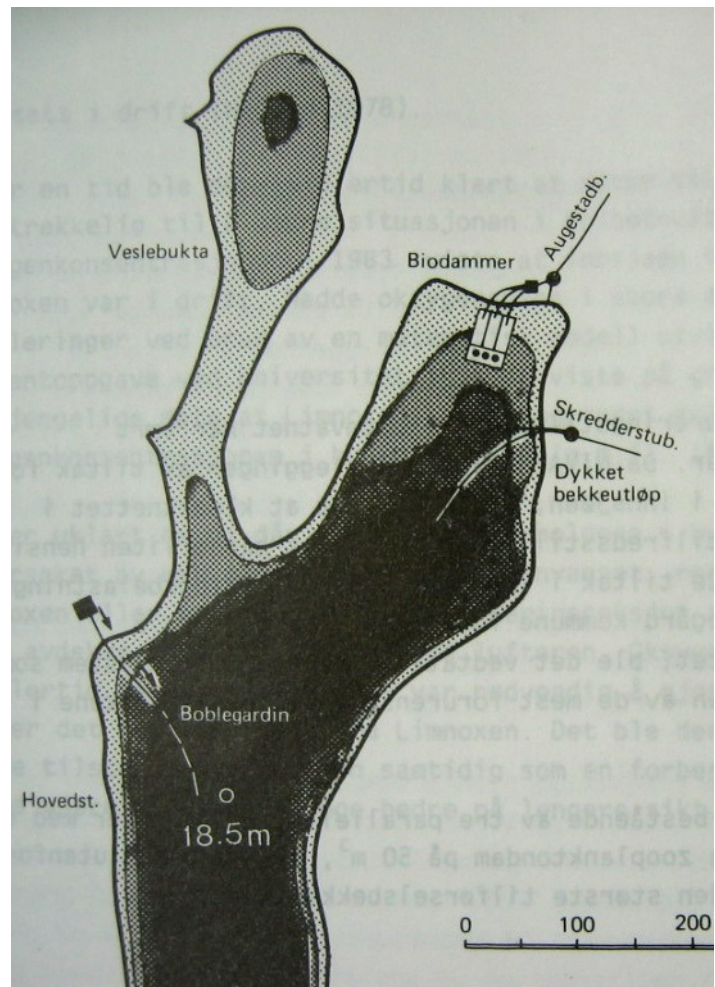
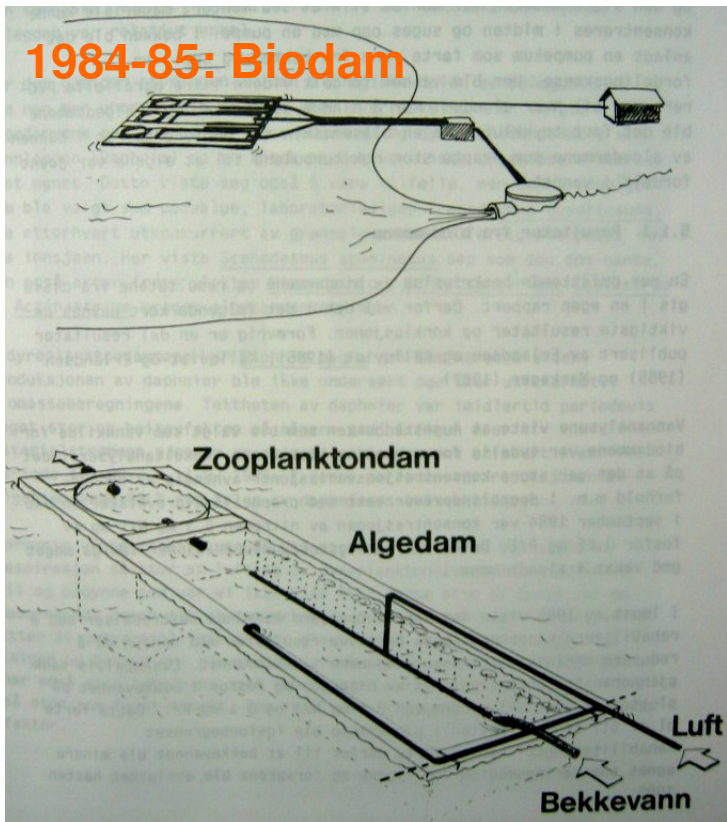
Nest siste side **1**

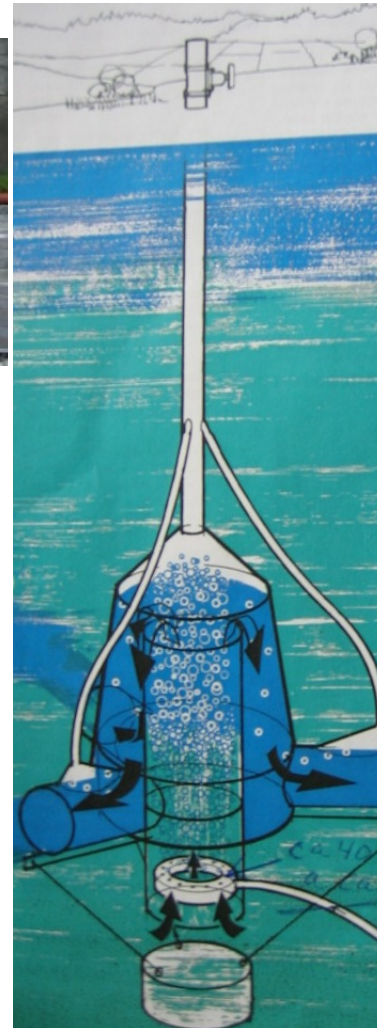


Vannkvalitet i Kolbotnvann



Innsjøinterne tiltak som er som er prøvd:





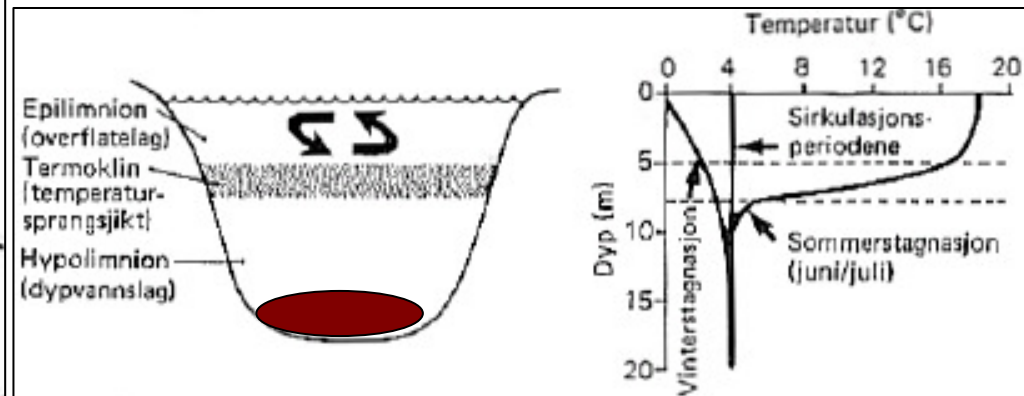
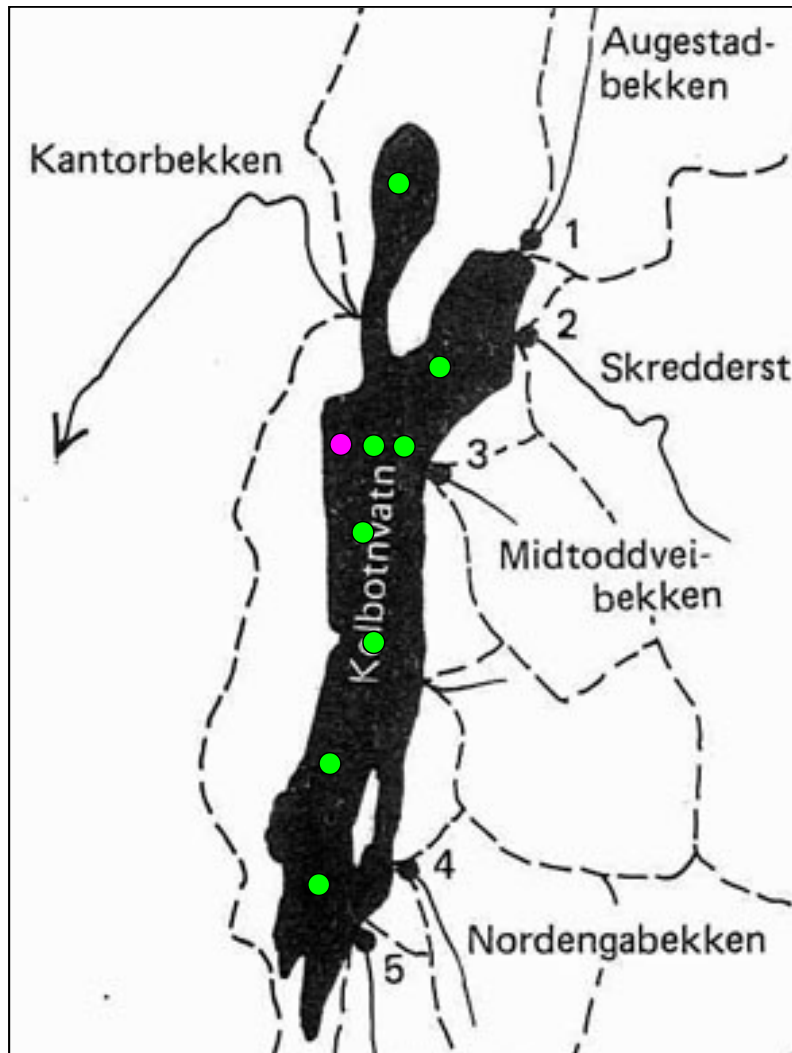
- **Installert 1972**
- **Årsrapport Kolbotnvannet 1975:**
Mange driftsproblemer i 1975.
Dykkerinspeksjon 8 ganger. 19 ganger stopp over i alt 71 døgn. Kompressormotor er skiftet på garanti.
- **NIVA samlerapport 1972-77:**
Det er derfor av stor betydning at lufteren (Limnoxen) holdes i drift.
- **NIVA samlerapport 1978-79:**
Lufteren må snarest mulig settes i drift
- **1980-83:** Fungerte Limnoxen bra?

Limnox sin virkemåte:

1. Komprimert luft fra land tilføres som luftbobler i underkant av installasjonen. Dette blander seg med oksygenfattig bunnvann.
2. Oksygenrikt vann føres ut i de 6 rørene på sidene og deretter ut i bunnvannet.
3. Overskuddsluft føres mot toppen av installasjonen og deretter i rør mot vannoverflaten. På toppen sitter en sikkerhetsventil.

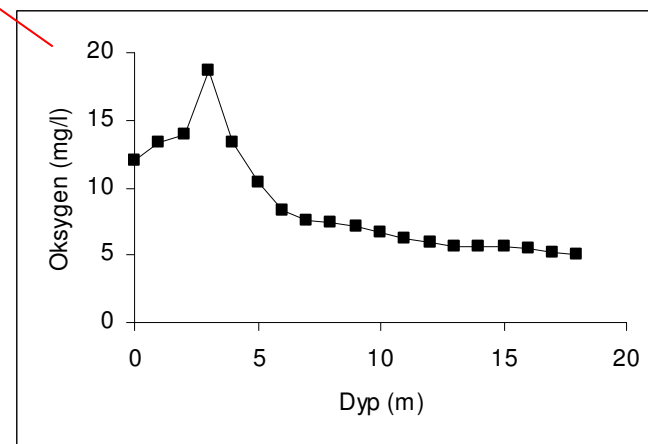
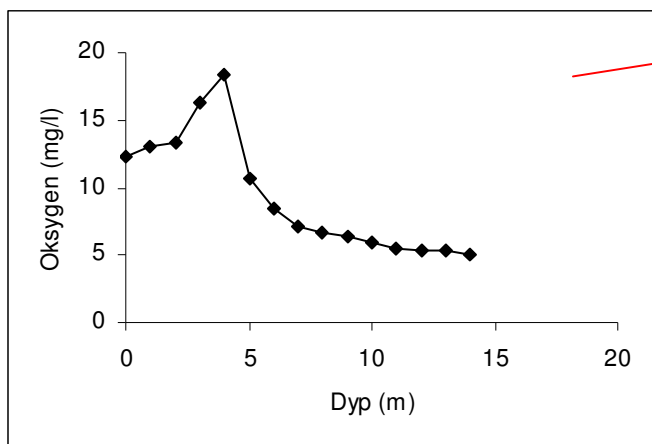
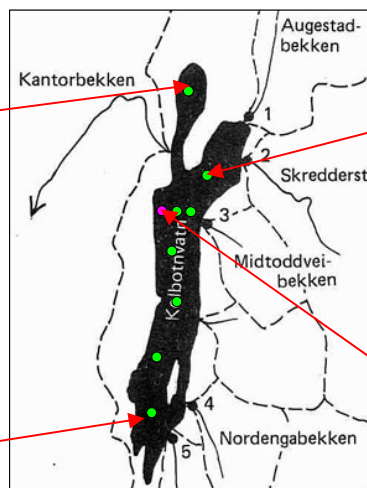
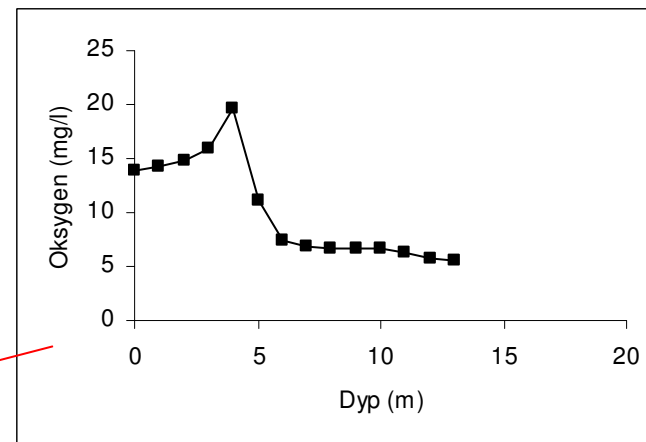
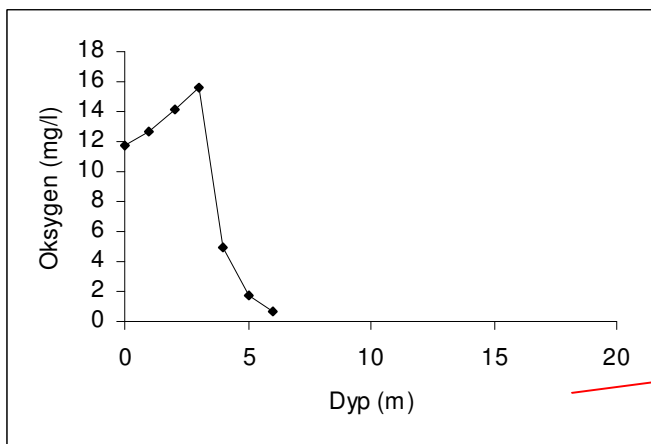
Utvidet måleprogramprogram

- Temperatur og Oksygen profil
- Total fosfor i bunnvann
- Gjennomført fra 11. april 2007 og frem til i dag
- Limnox i full drift fra midten av august 2007

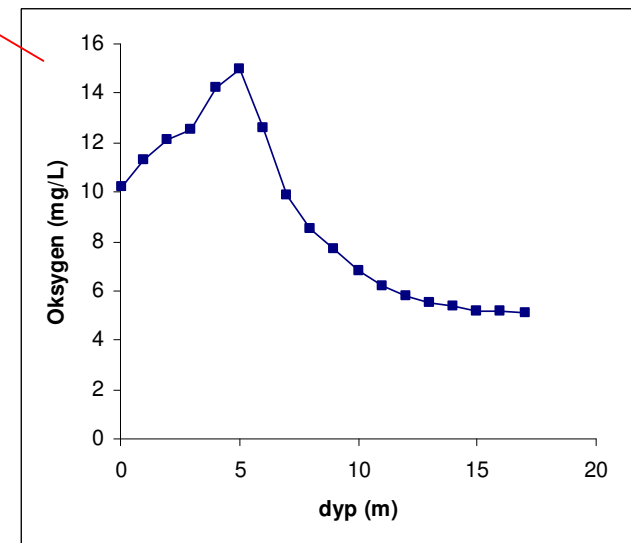
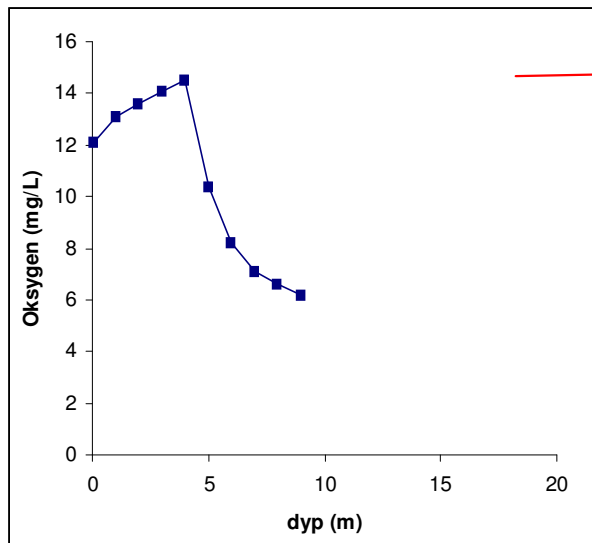
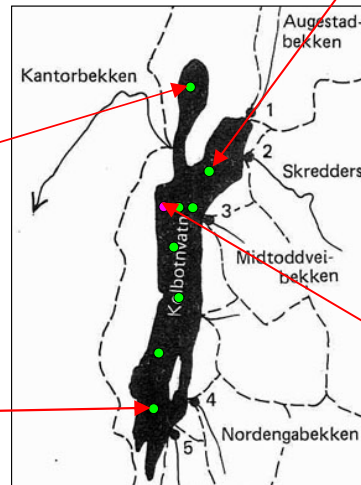
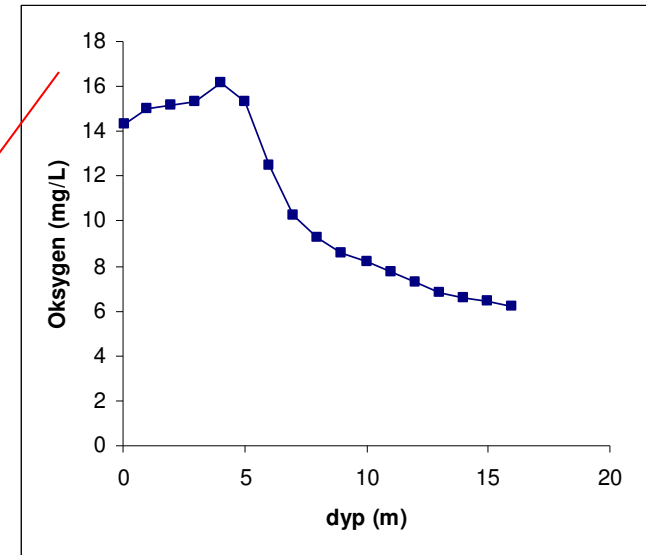
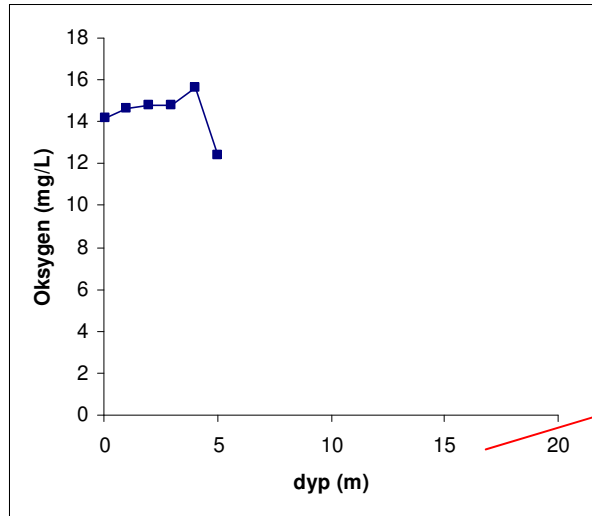




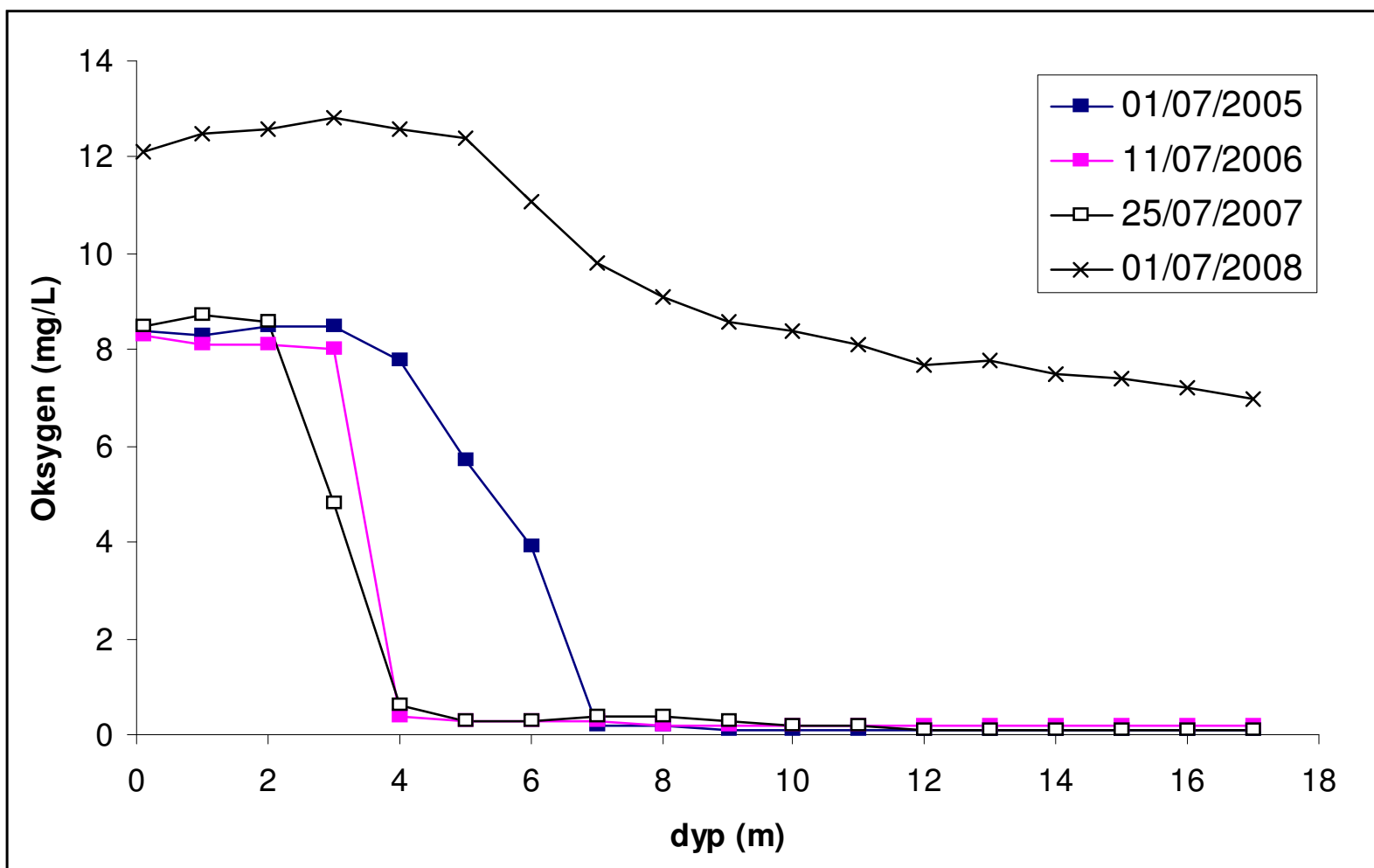
Utvidede program Kolbotnvannet 22/6-07



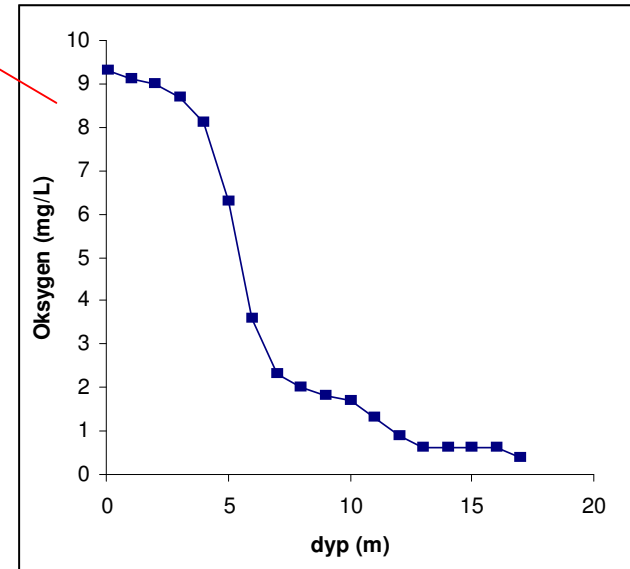
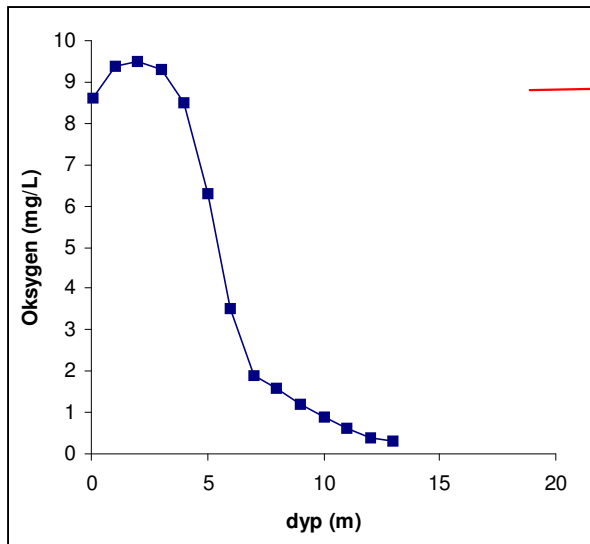
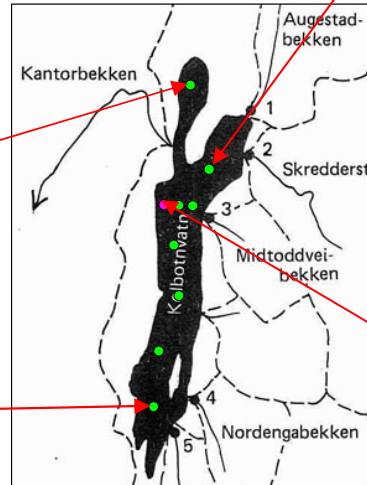
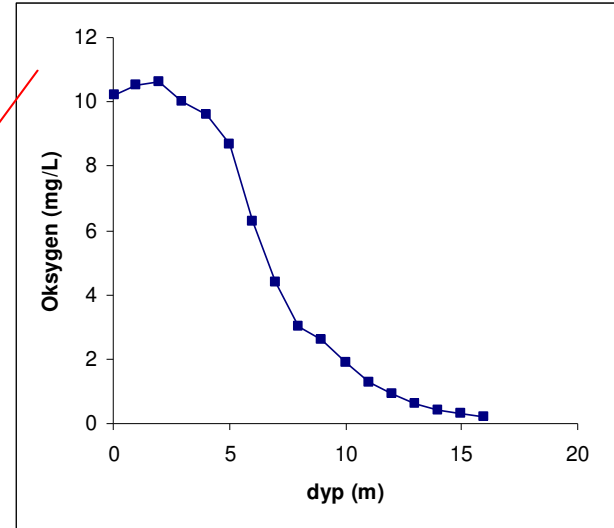
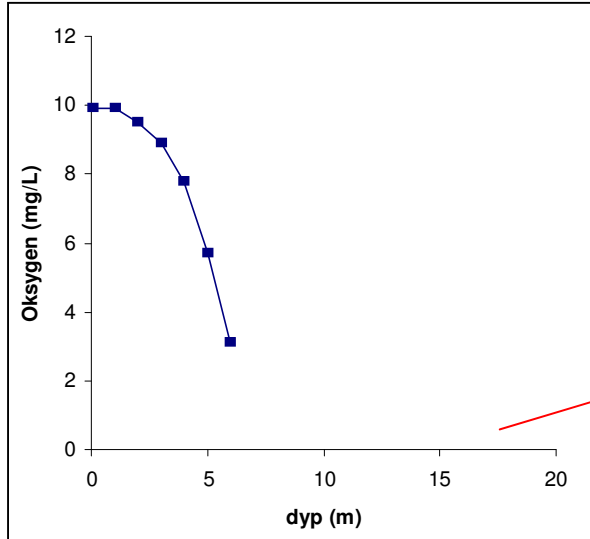
Utvidede program Kolbotnvannet 18/7-08



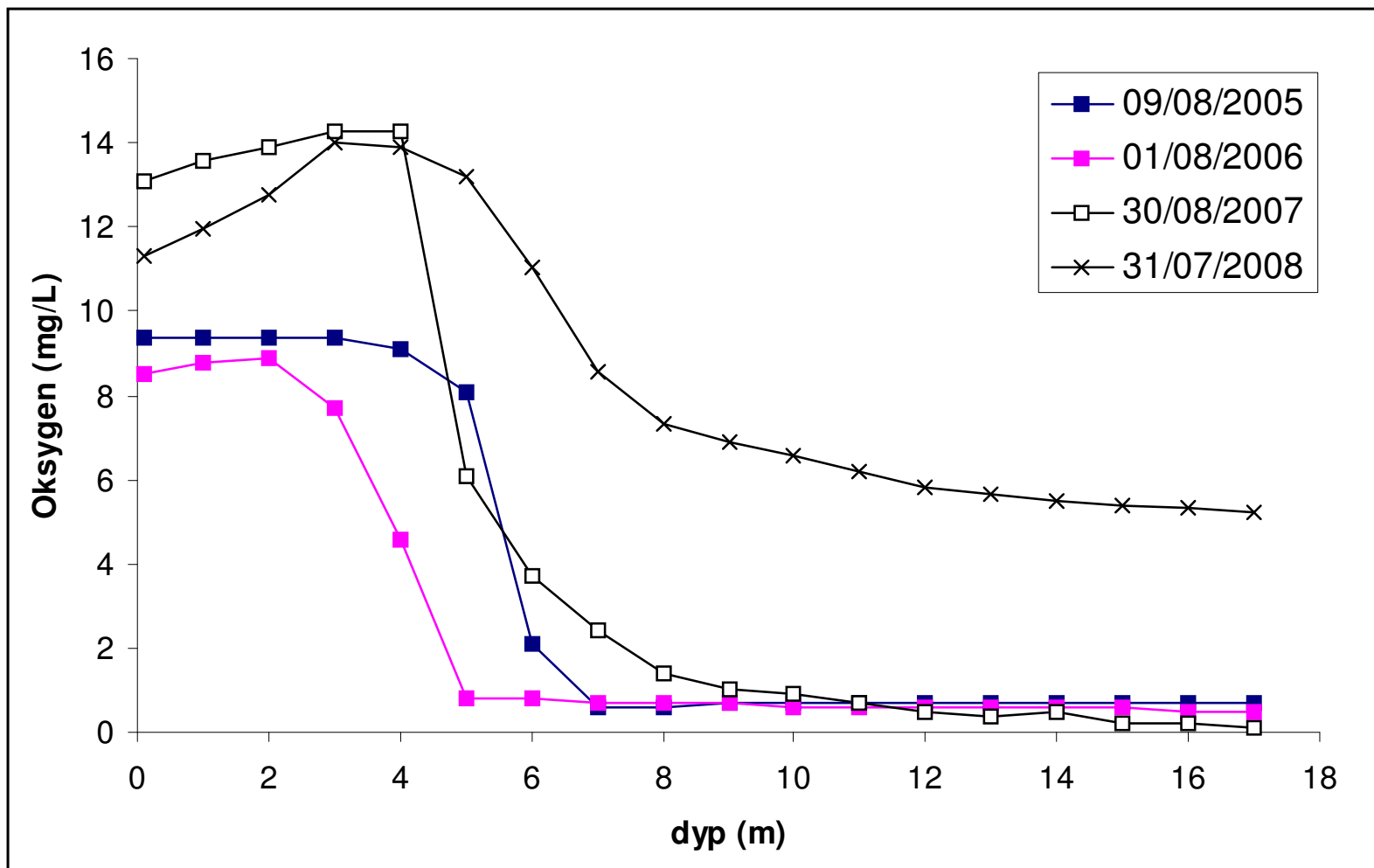
Oksygen profil Juli 2005-2008



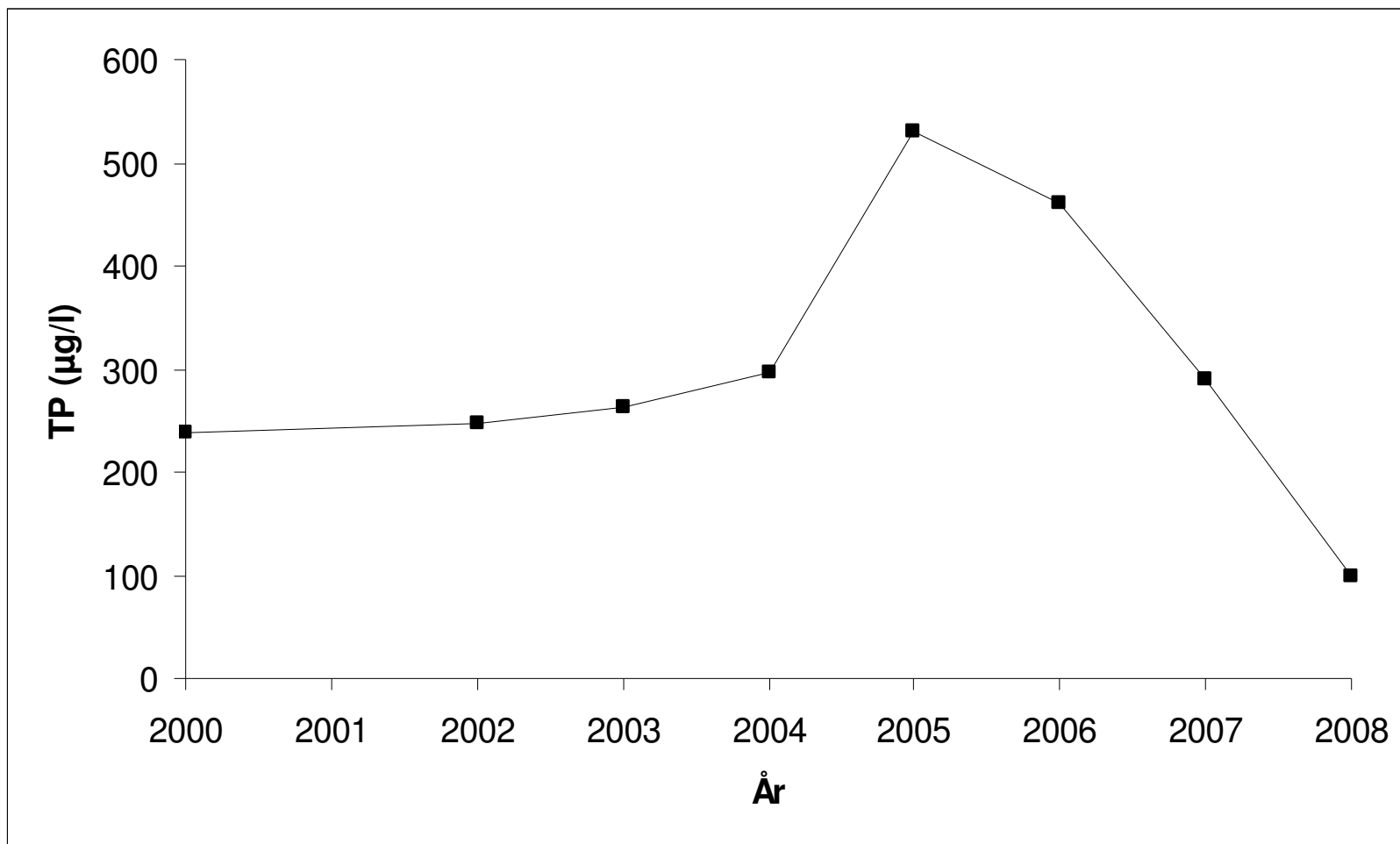
Utvidede program Kolbotnvannet 21/8-08



Oksygen profil August 2005-2008



Total fosfor i bunnvann i September (indikator for fosforutslipp fra sediment)



År	1983	1984	1985	1986	1987	1988	1989	1990	1992	1994	1996	1998	2000	2002	2003	2004	2005	2006	2007	2008
Total fosfor (µg/l)	81	70	57	48	60	44	73	47	41	29	25	36	23	25	23	24	38	44	37.6	31.2
Klorofyll (µg/l)	23	28	23	28	27	33	43	10	23	19	22	27	18	11	10	11	20	19.5	30.6	20.2
Total nitrogen (µg/l)	1100	900	1100	1100	1250	1100	1000	1185	850	750	800	900	600	700	500	723	622	618	753	620