

A brown dog, possibly a Weimaraner, is sitting on a dirt path. In the background, there is a blue plastic container with various items inside, a white bottle, a black bag, and some other equipment. The dog is looking towards the camera with its mouth open, appearing happy. The text "2005 TLBP MONITORING PRESENTATION" is overlaid on the right side of the image in a light blue, sans-serif font.

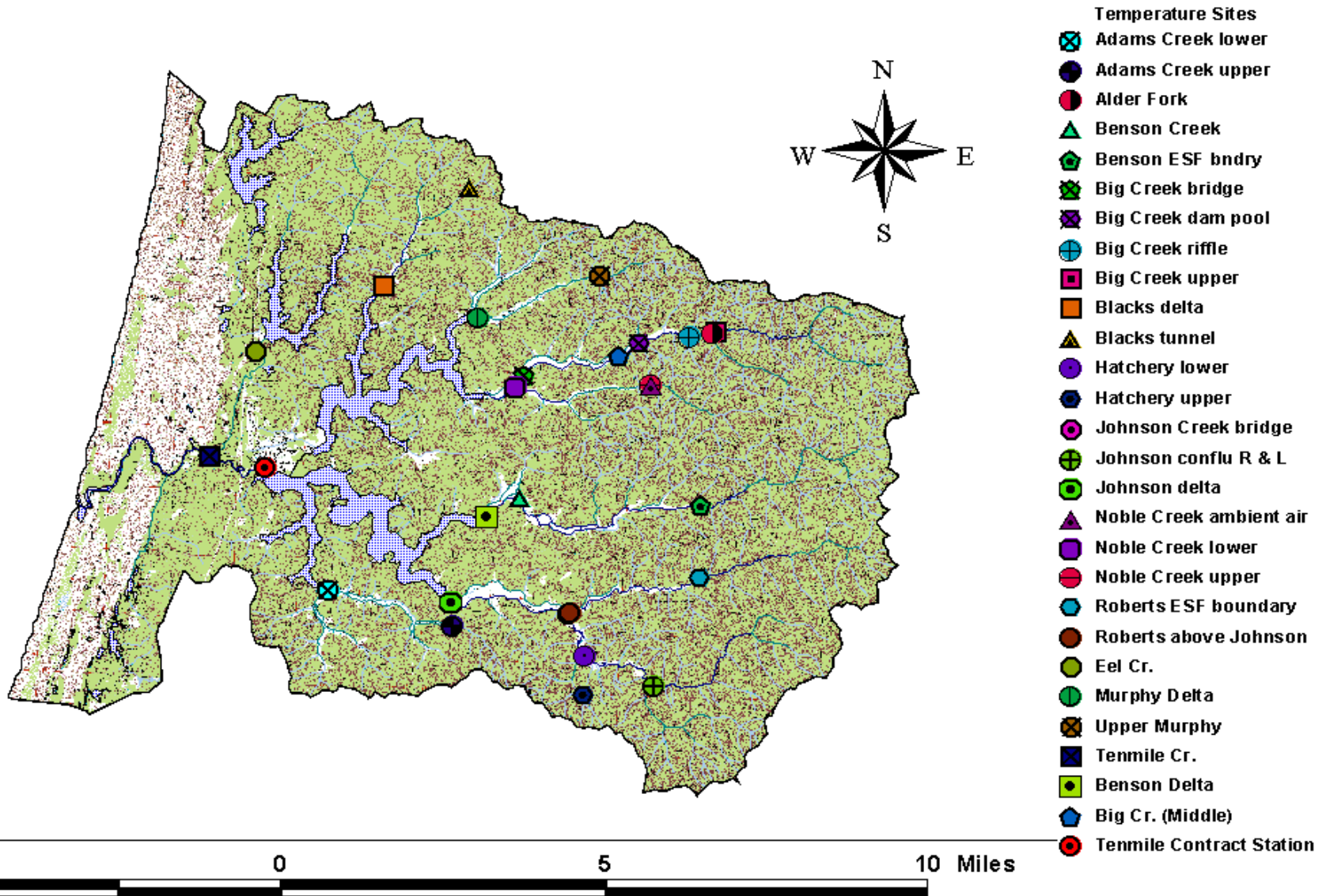
2005 TLBP  
MONITORING  
PRESENTATION

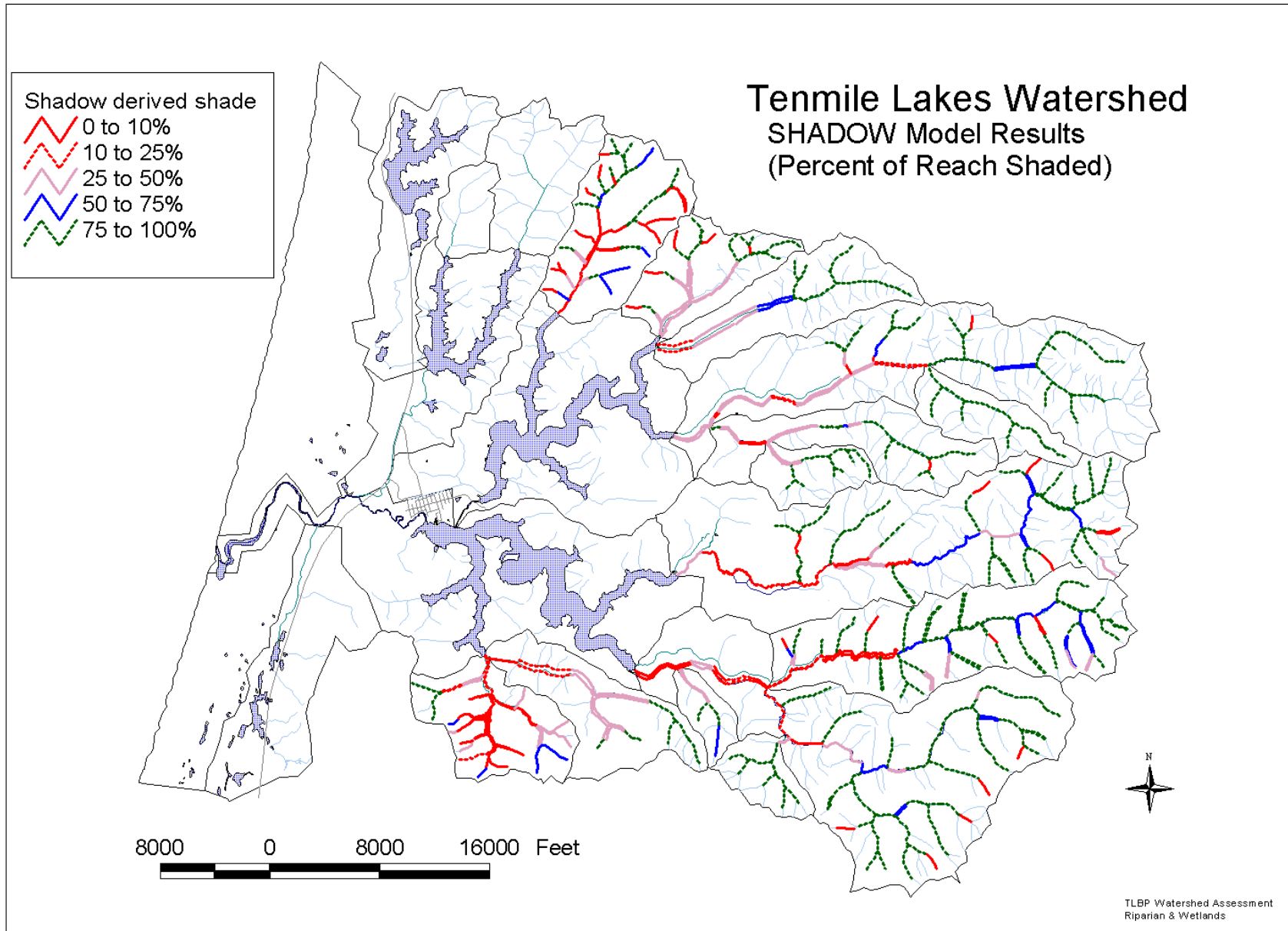
# ***TONIGHTS PRESENTATION***

- ***TEMPERATURE MONITORING***
- ***ALGAE MONITORING***
- ***NUTRIENT SAMPLING***
- ***DELTA BUILDING***
- ***STORM CHASING***
- ***TENMILE FISH ASSEMBLAGE***



# 2005 Temperature Monitoring



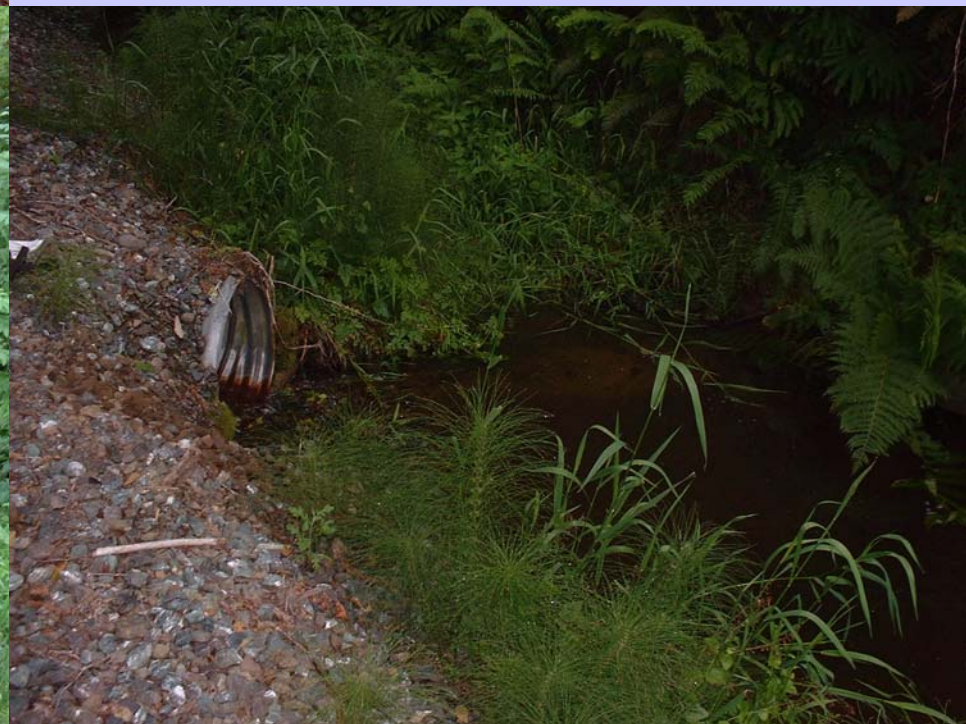








# Upper Blacks Cr.





# Blacks Delta





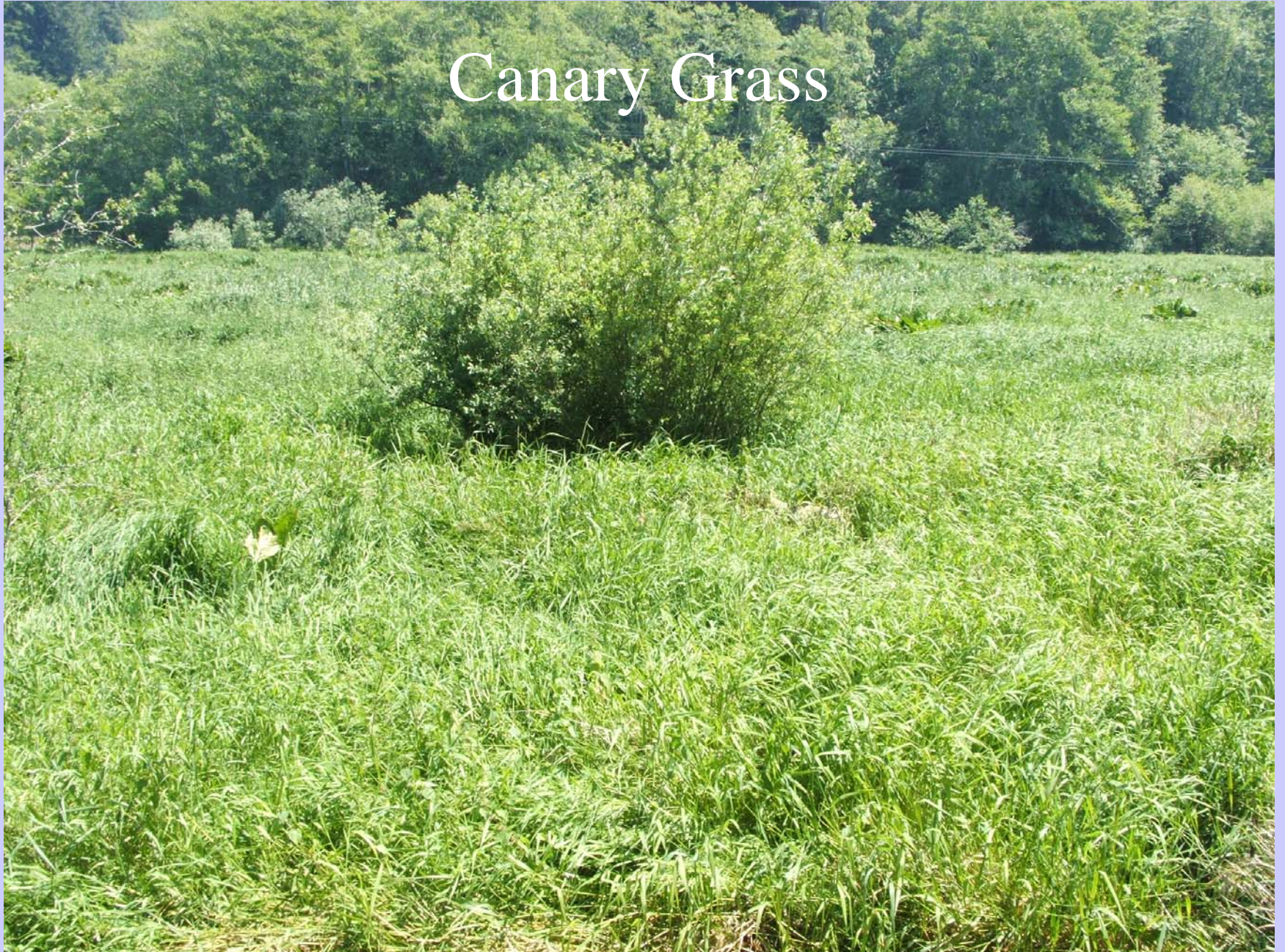
Site Name	Seasonal Maximum		Seasonal Minimum		Seasonal Max $\Delta T$		7-Day averages			
	Date	Value	Date	Value	Date	Value	Date	Maximum	Minimum	$\Delta T$
Upper Black	08/18/05	62.7	09/29/05	45.3	08/11/05	9.1	08/09/05	61.6	53.7	7.9
Upper Black	08/10/04	64.7	10/01/04	49.8	07/09/04	10.8	07/20/04	63.4	56.6	6.8
Blacks Delta	07/18/05	61.6	09/29/05	48.8	06/08/05	4.8	07/16/05	61.1	59.0	2.1
Blacks Delta	07/25/04	63.8	09/21/04	53.5	07/09/04	4.6	07/22/04	63.2	60.4	2.8

Days > 55 F	Days > 64 F	Days > 70 F	Hours > 55 F	Hours > 64 F	Hours > 70 F	Warmest day of 7-day max		
						Date	Maximum	Minimum
107	0	0	1539.0	0.0	0.0	08/06/05	62.7	55.7
125	4	0	2191.5	2.5	0.0	07/20/04	64.1	58.4
111	0	0	2290.0	0.0	0.0	07/18/05	61.6	58.9
110	0	0	2478.5	0.0	0.0	07/20/04	63.8	61.6

Site Name	Seasonal Maximum		7-Day averages				Days > 55 F	Days > 64 F	Days > 70 F
	Date	Value	Date	Maximum	Minimum	$\Delta$ T			
Big Cr. Upper	08/31/04	66.9	08/29/04	65.0	59.0	6.0	107	6	0
Big Cr. Upper	07/22/03	65.2	07/21/03	63.2	60.3	2.9	136	4	0
Big Cr. Upper	07/29/02	66.9	07/30/02	64.5	57.6	6.9	114	18	0
Big Cr. Upper	08/07/01	66.2	08/08/01	63.9	59.0	4.9	115	4	0
Alder Fork	07/19/04	62.4	07/18/04	61.0	58.1	2.9	105	0	0
Alder Fork	06/05/03	63.3	06/06/03	60.3	54.4	5.8	126	0	0
Alder Fork	07/10/02	61.3	07/09/02	60.4	56.0	4.4	86	0	0
Alder Fork	07/24/01	60.8	07/11/01	60.5	54.6	5.9	104	0	0
Big Cr. Riffle	08/20/04	75.6	08/10/04	73.9	60.2	13.7	107	71	29
Big Cr. Riffle	08/18/03	77.7	07/28/03	75.9	60.5	15.4	92	81	53
Big Cr. Riffle	07/29/02	74.4	07/14/02	70.9	58.7	12.2	82	37	13
Big Cr. Dam Pool	07/20/04	72.3	07/22/04	70.7	66.1	4.6	129	72	7
Big Cr. Dam Pool	07/22/03	72.6	07/20/03	70.7	65.6	5.1	135	74	10
Big Cr. Dam pool	07/11/02	69.8	07/11/02	68.1	62.3	5.7	116	53	0
Big Cr. Dam Pool	08/11/01	68.0	08/10/01	67.2	64.7	2.6	118	62	0
Big Cr. (Middle)	07/20/04	68.9	07/19/04	67.4	63.9	3.5	129	64	0
Big Cr. Bridge	07/20/04	70.6	07/22/04	69.5	64.1	5.4	108	69	1
Big Cr. Birdge	06/05/03	68.9	06/06/03	66.3	59.7	6.6	135	34	0
Big Cr. Bridge	07/11/02	69.6	07/11/02	67.6	61.7	5.9	119	39	0
Big Cr. Bridge	08/07/01	66.2	07/10/01	64.9	60.0	4.9	116	33	0



# Canary Grass



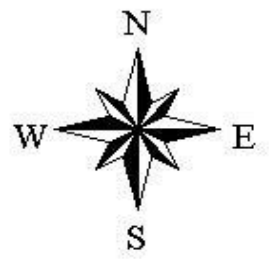
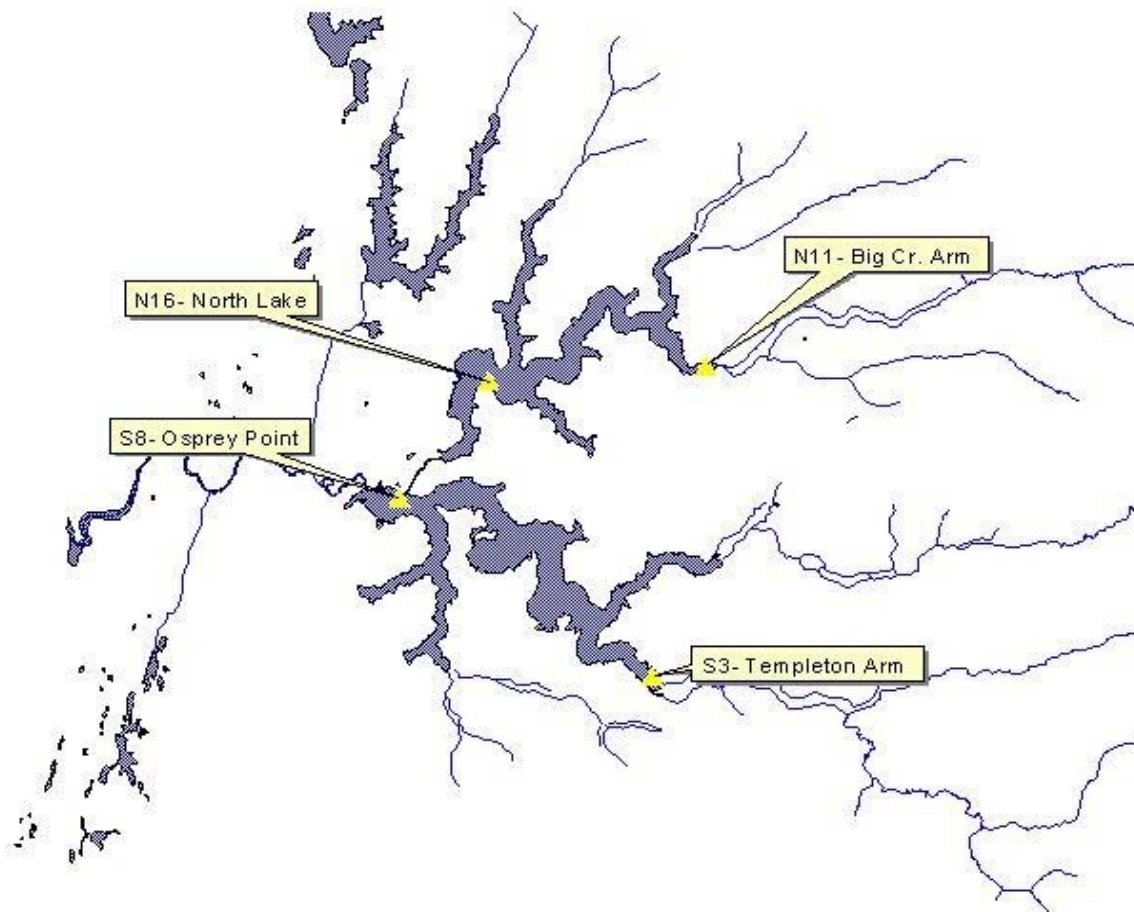


Johnson Cr.  
Fence  
8-2-05





# Algae



































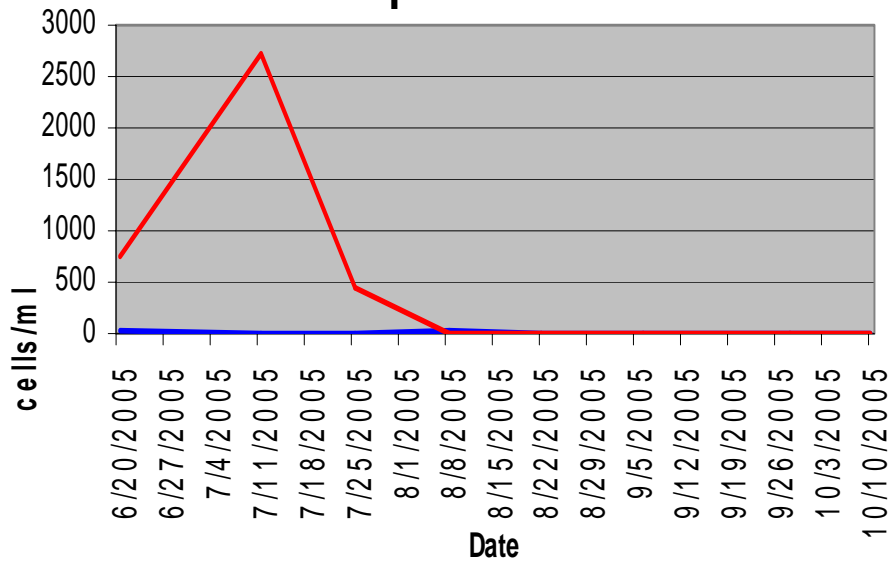




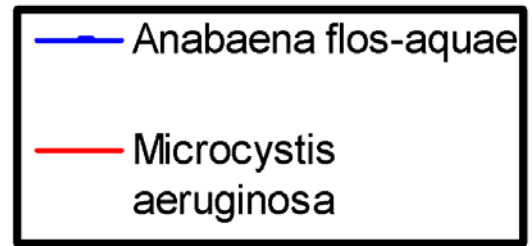
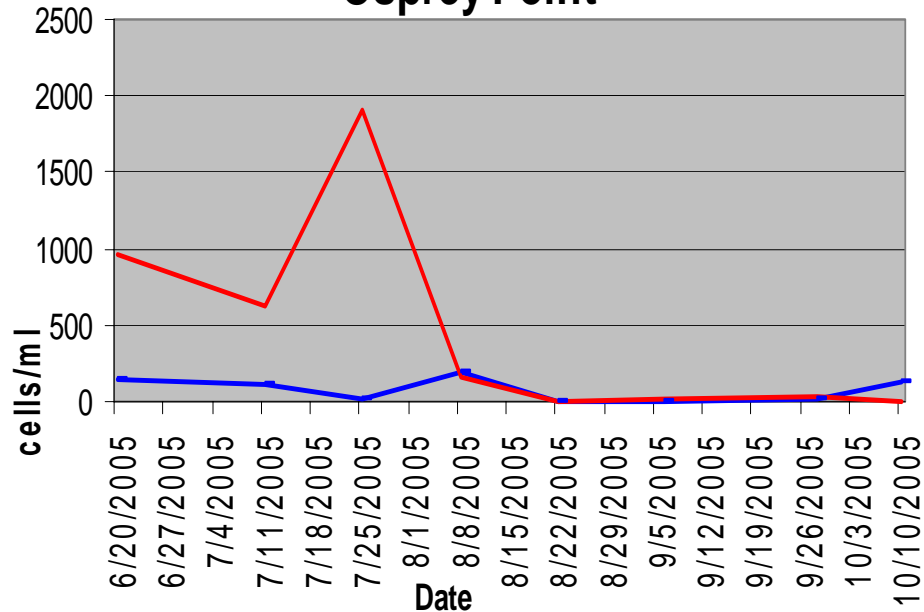


# SOUTH LAKE SITES

## Templeton Arm



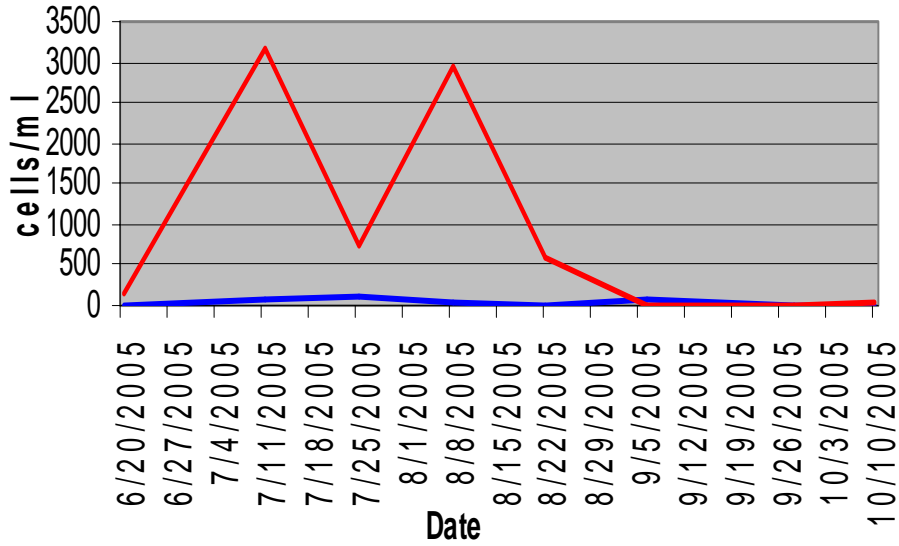
## Osprey Point



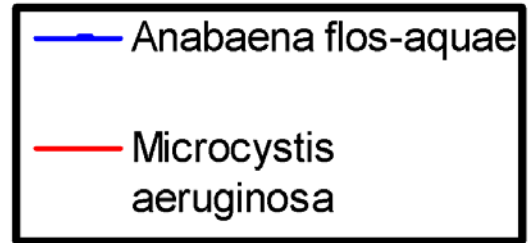
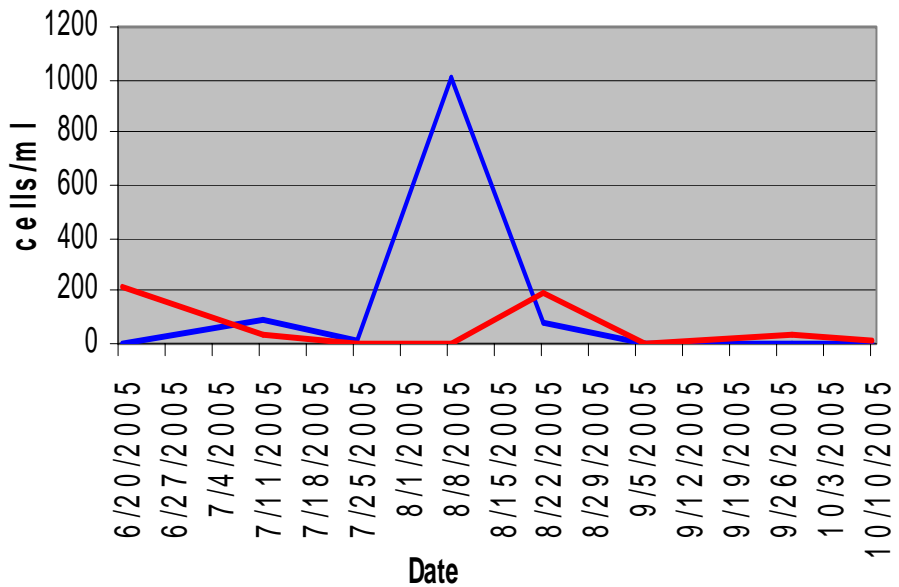


# NORTH LAKE SITES

## Big Arm

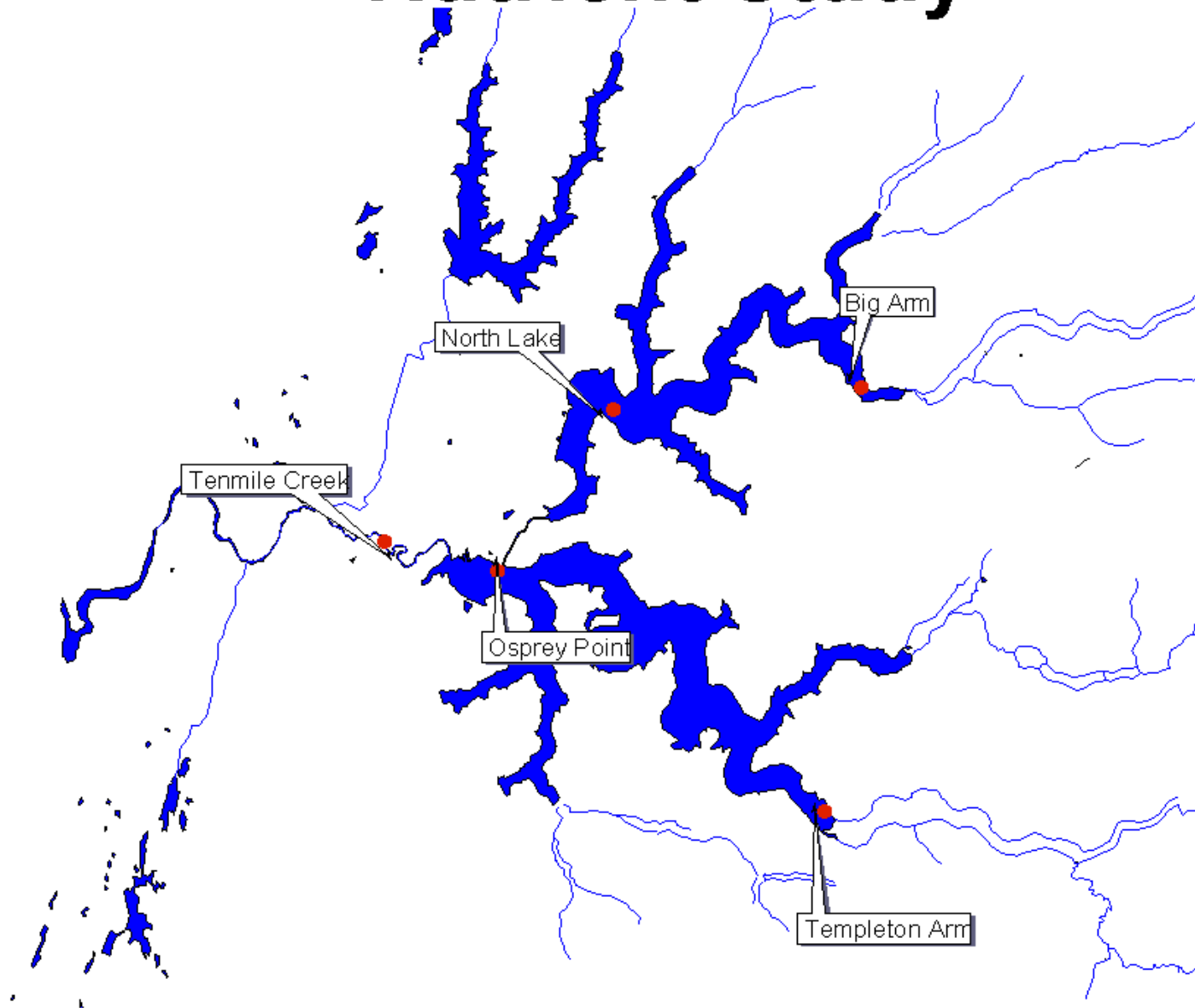


## North Lake





# Nutrient Study







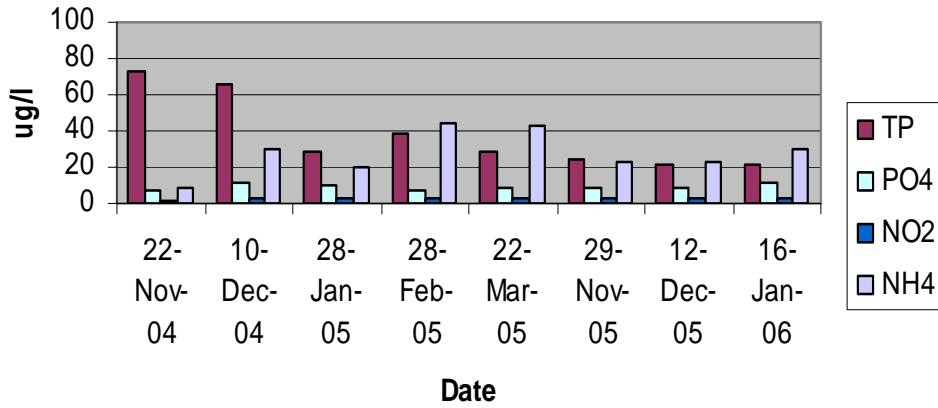




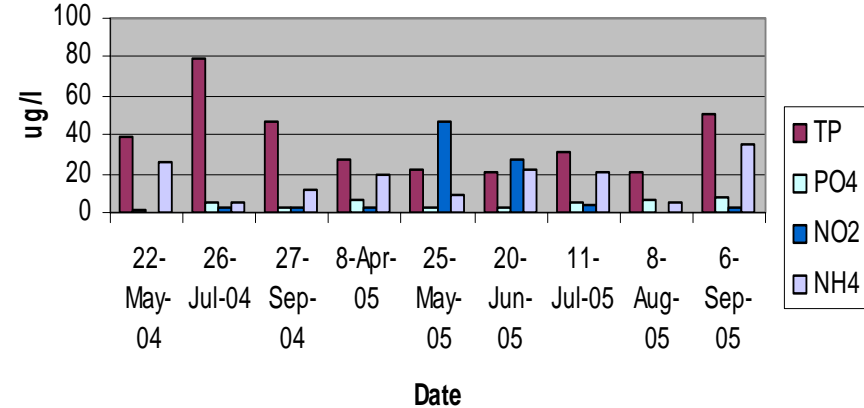


# TEMPLETON ARM

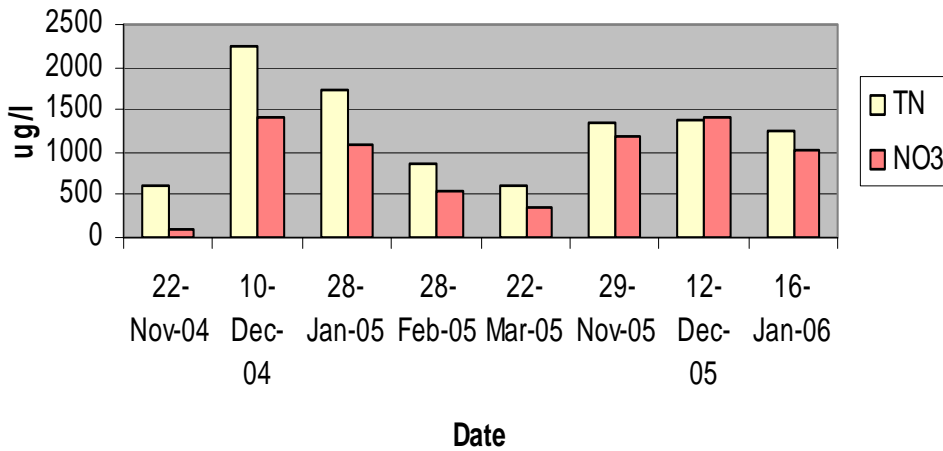
## Winter Nutrients



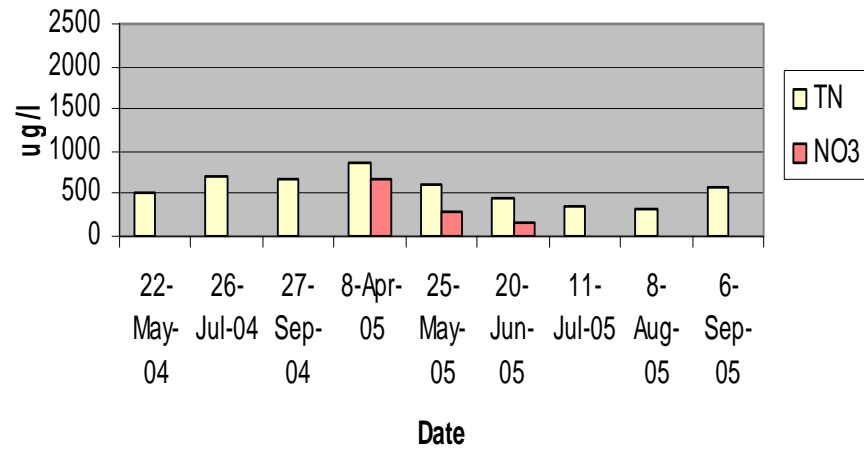
## Summer Nutrients



## Winter

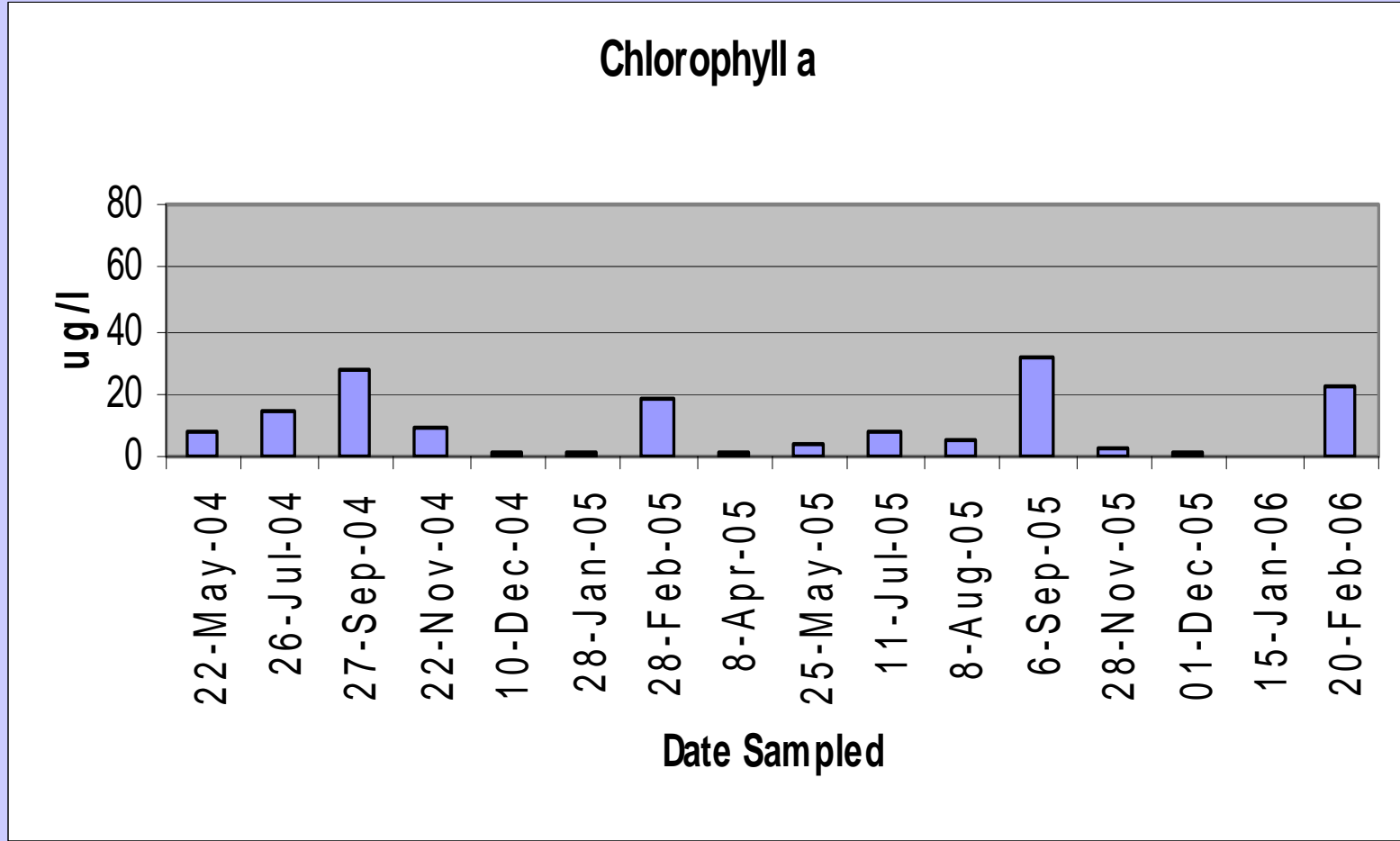


## Summer





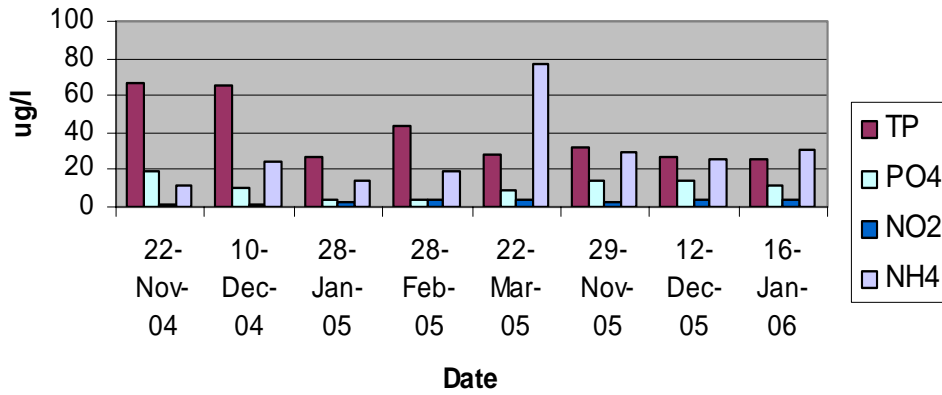
# TEMPLETON ARM



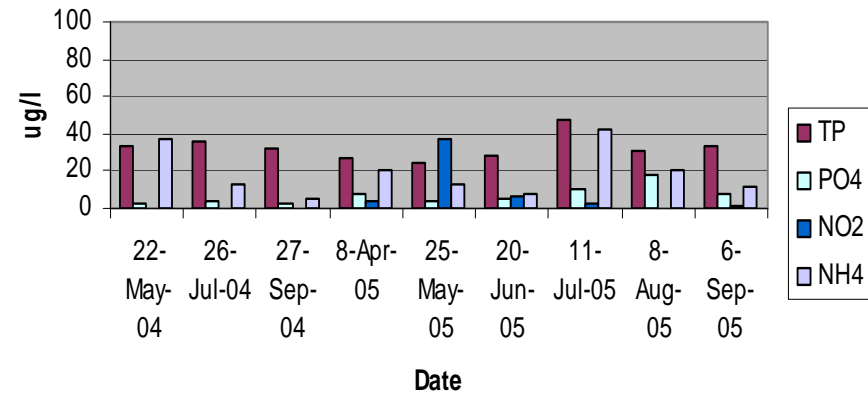


# OSPREY POINT

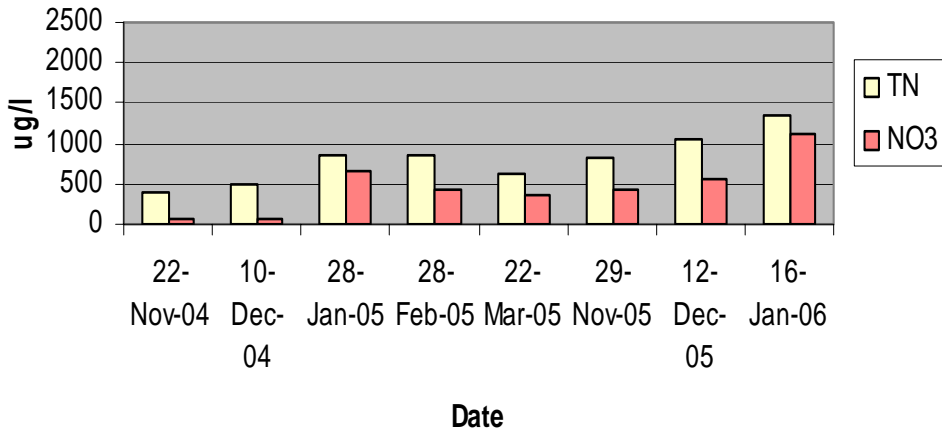
## Winter



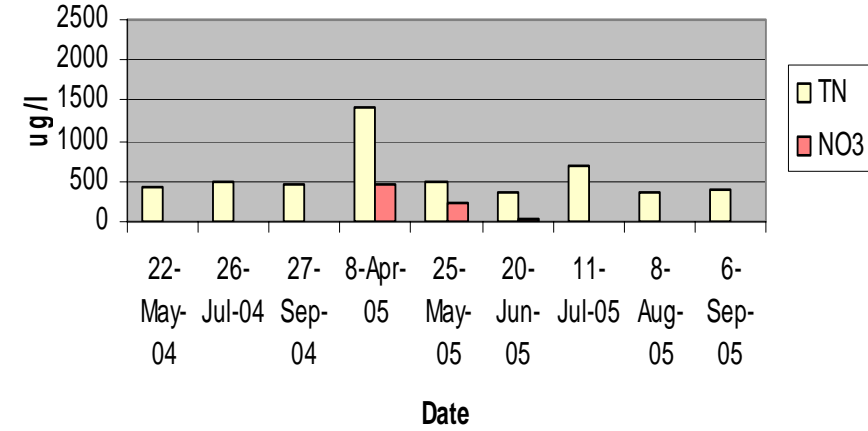
## Summer



## Winter

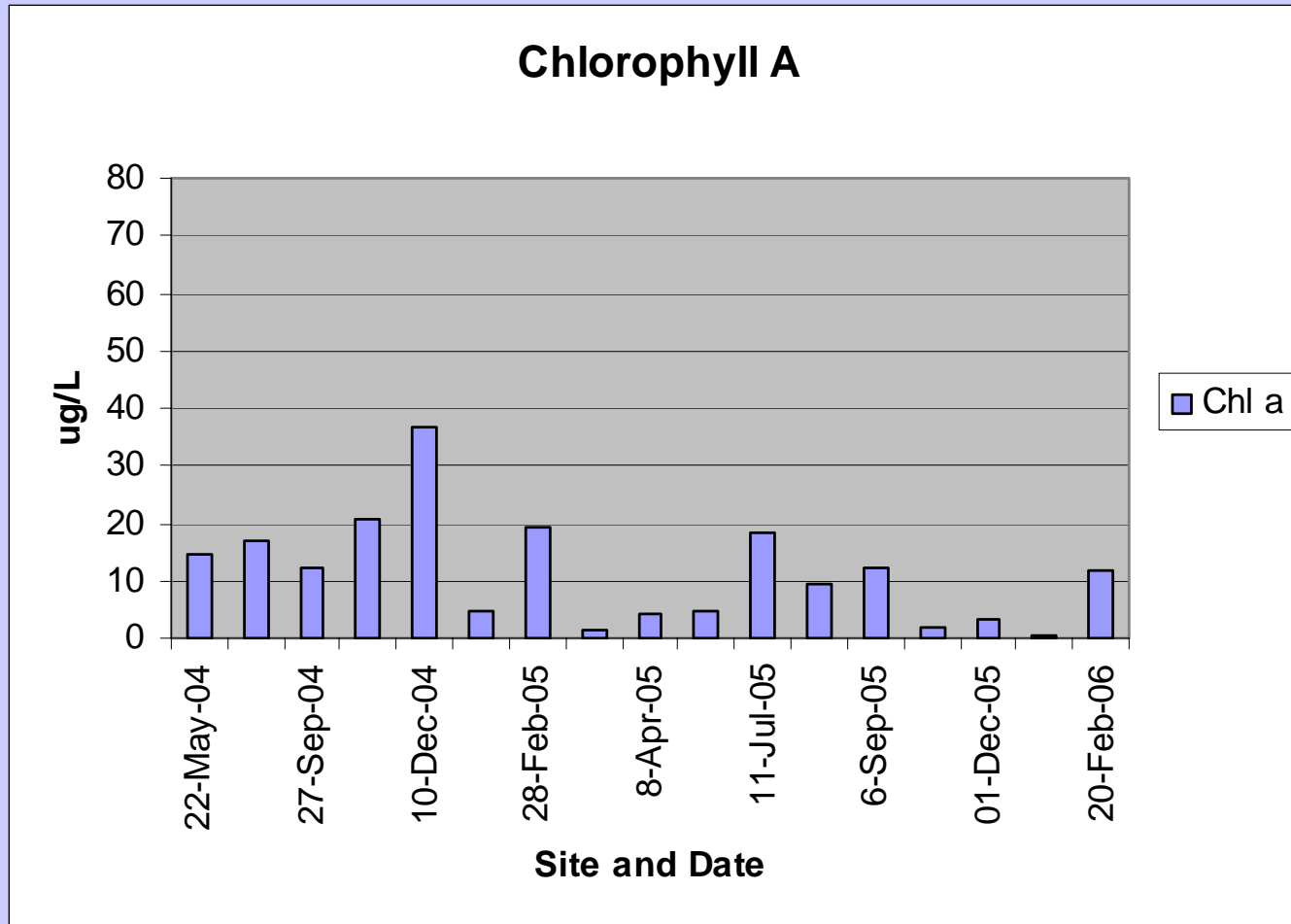


## Summer





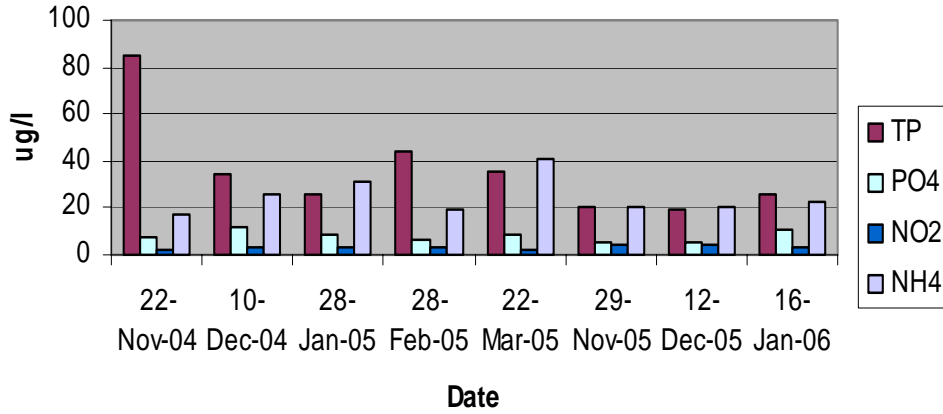
# OSPREY POINT



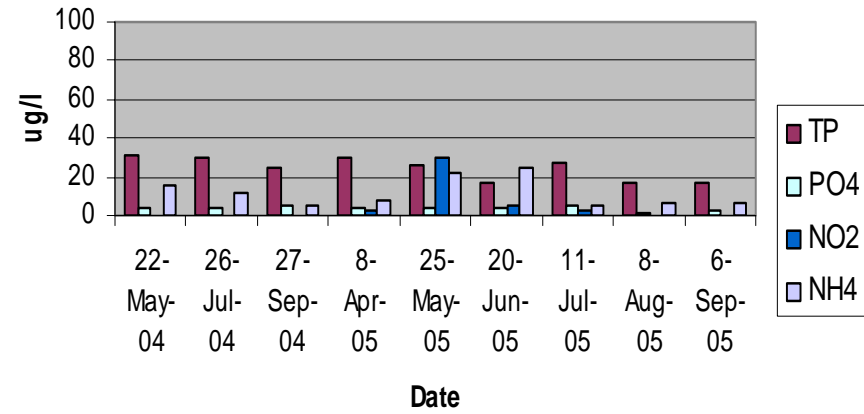


# BIG CREEK ARM

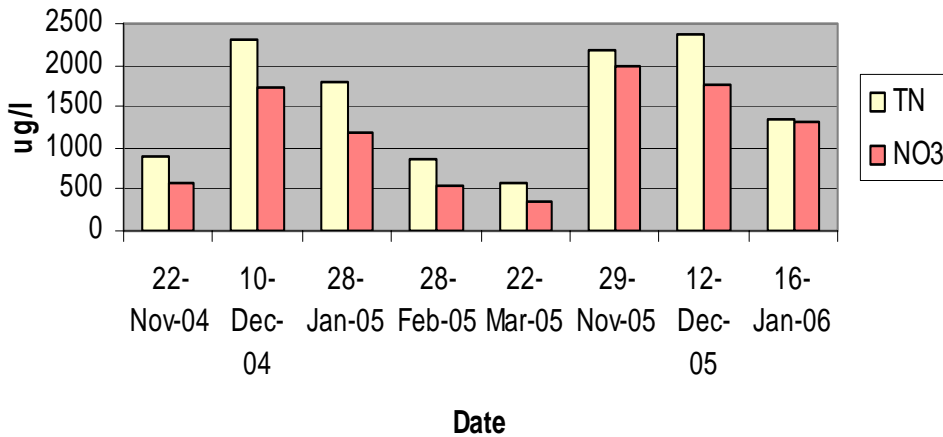
## Winter



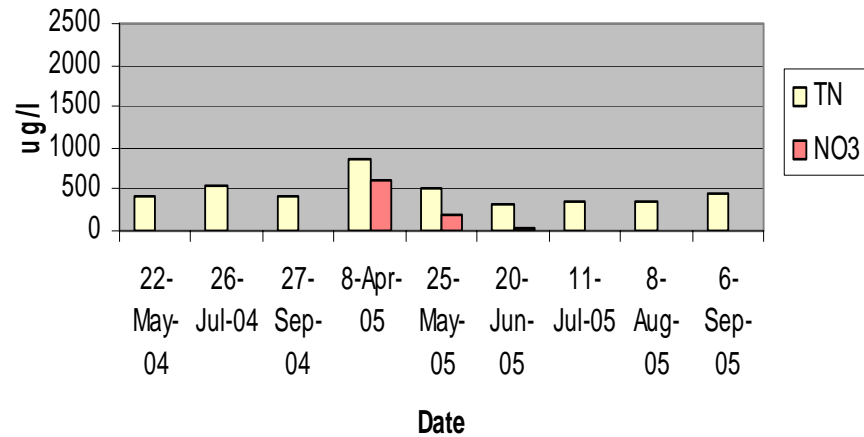
## Summer



## Winter

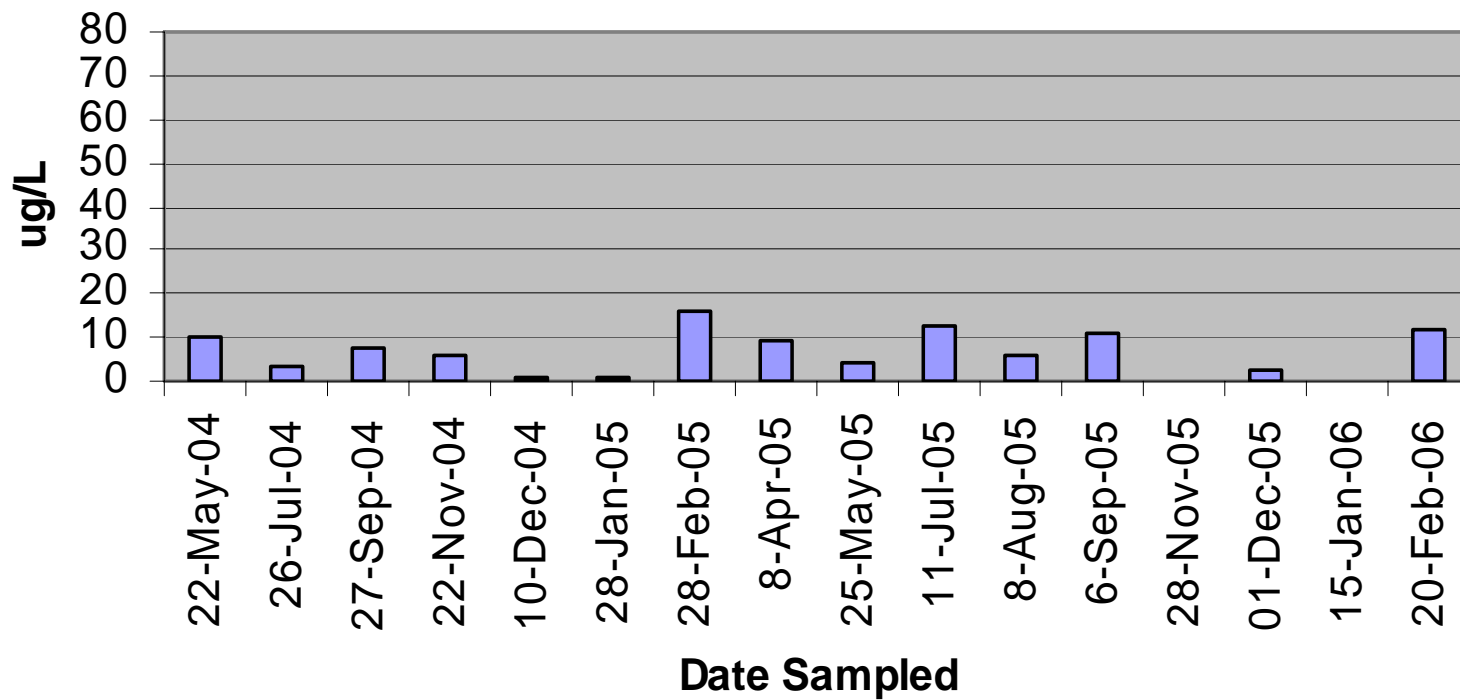


## Summer



# BIG CREEK ARM

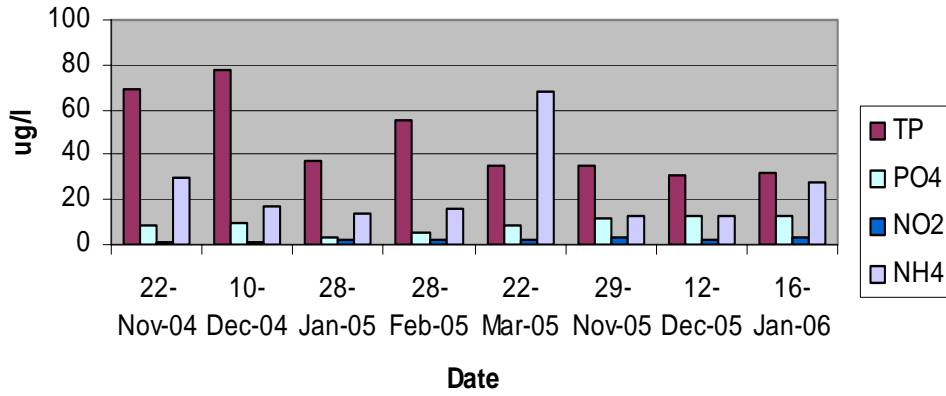
## Chlorophyll A



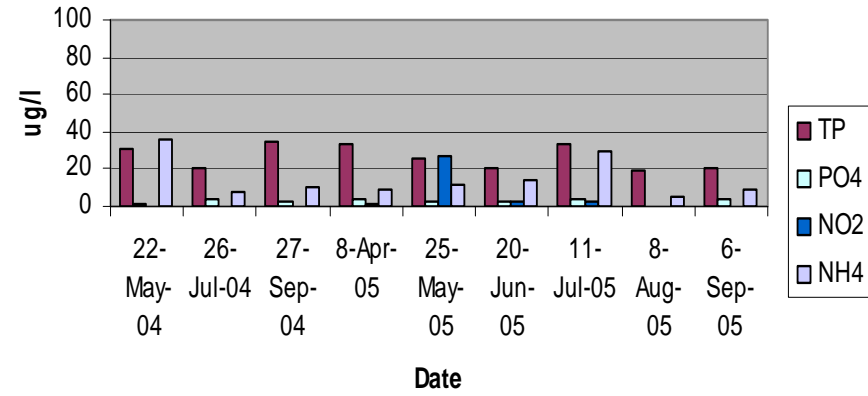


# NORTH LAKE

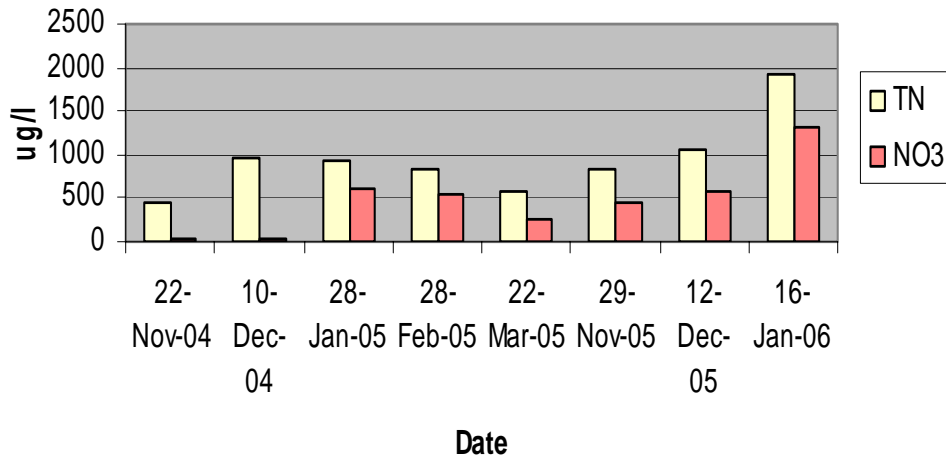
## Winter



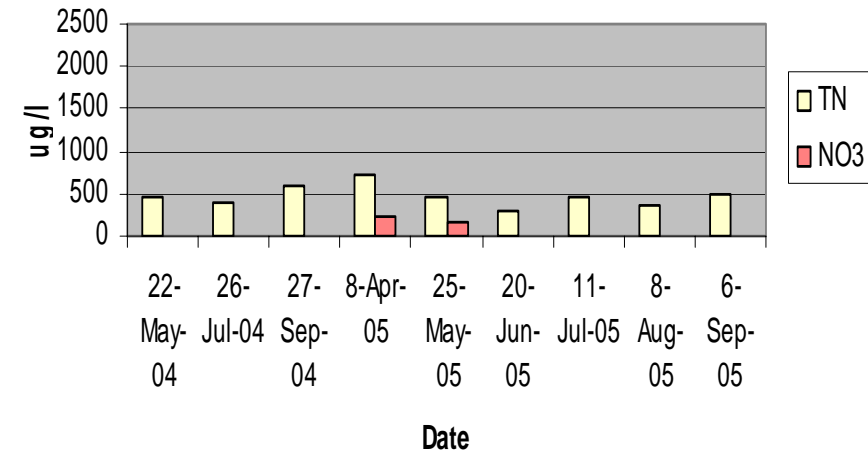
## Summer



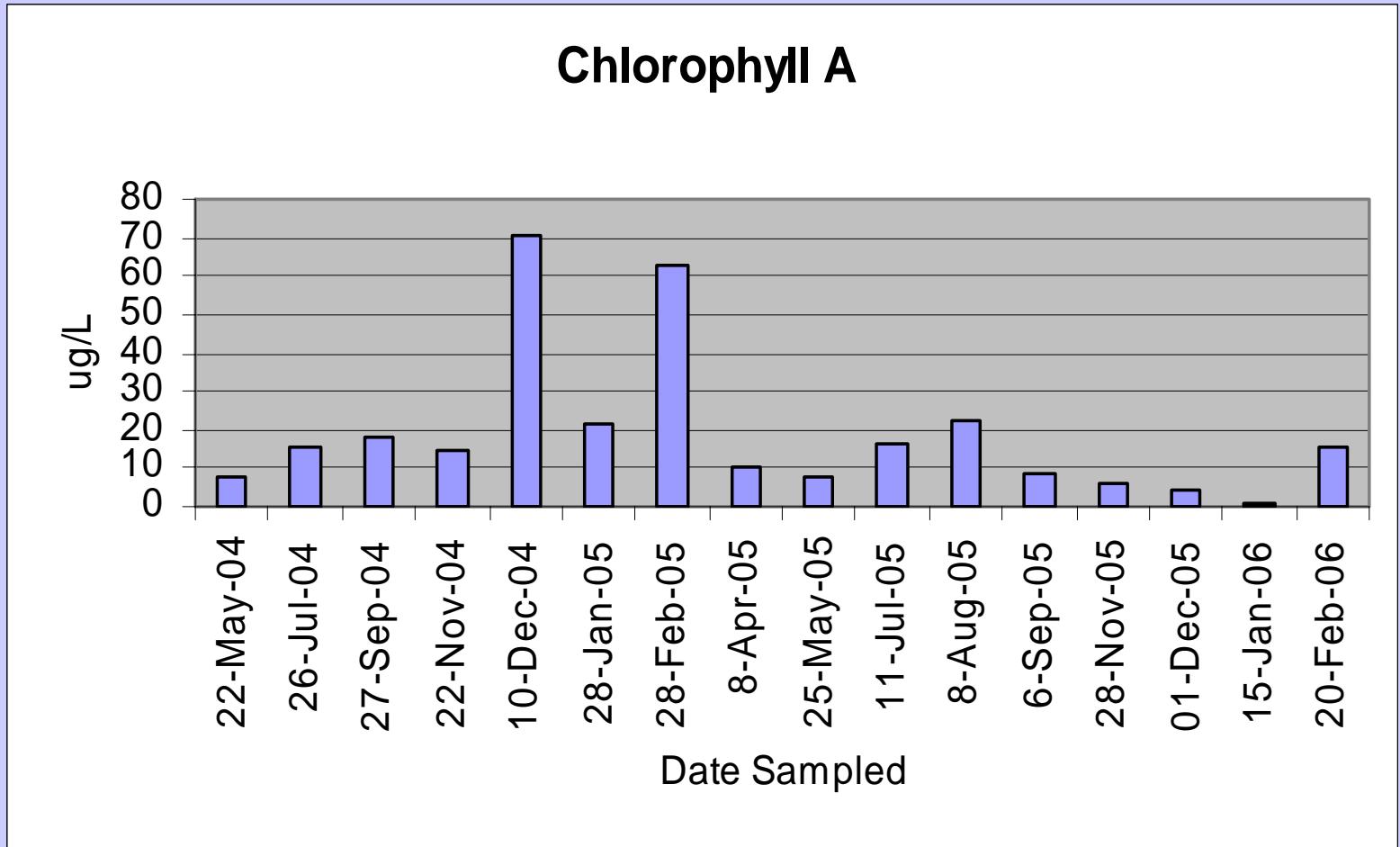
## Winter



## Summer



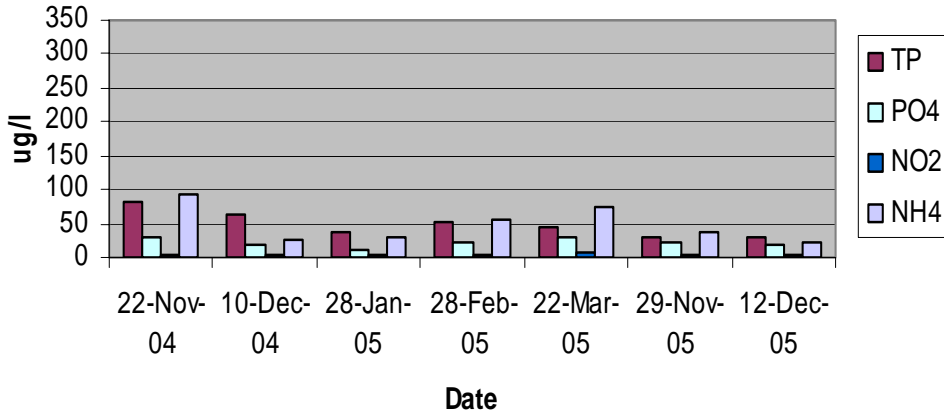
# NORTH LAKE



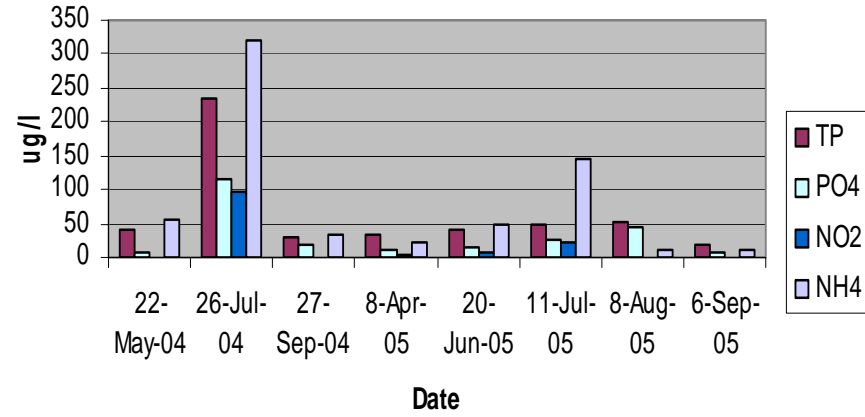


# TENMILE CREEK

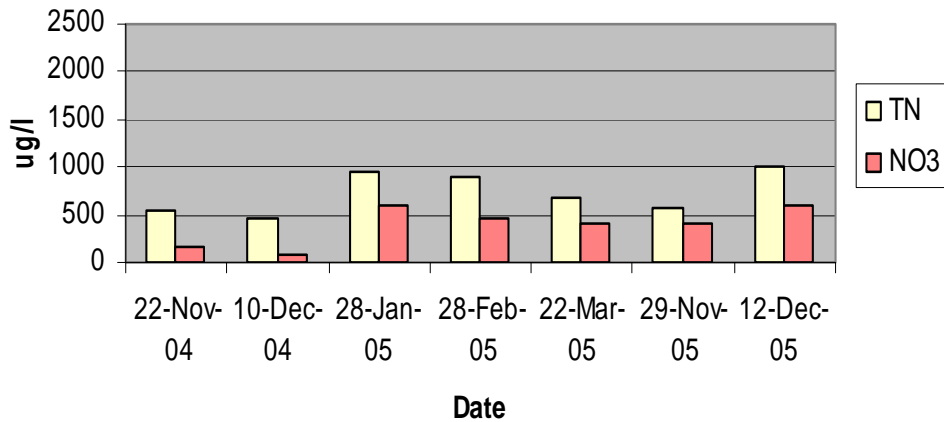
## Winter



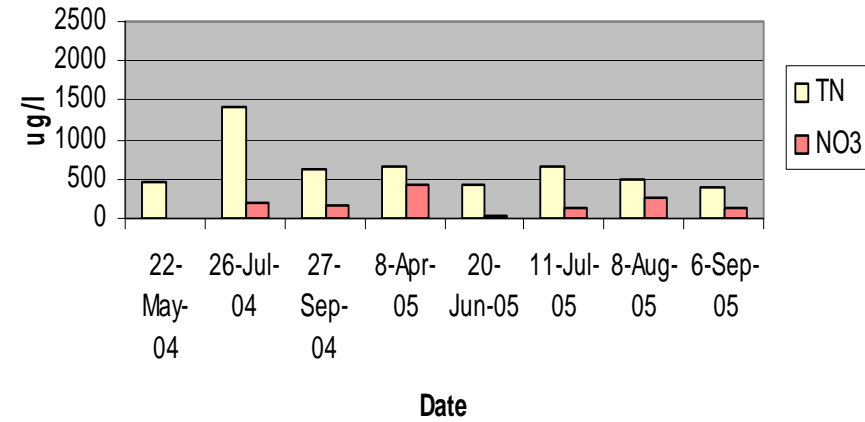
## Summer



## Winter

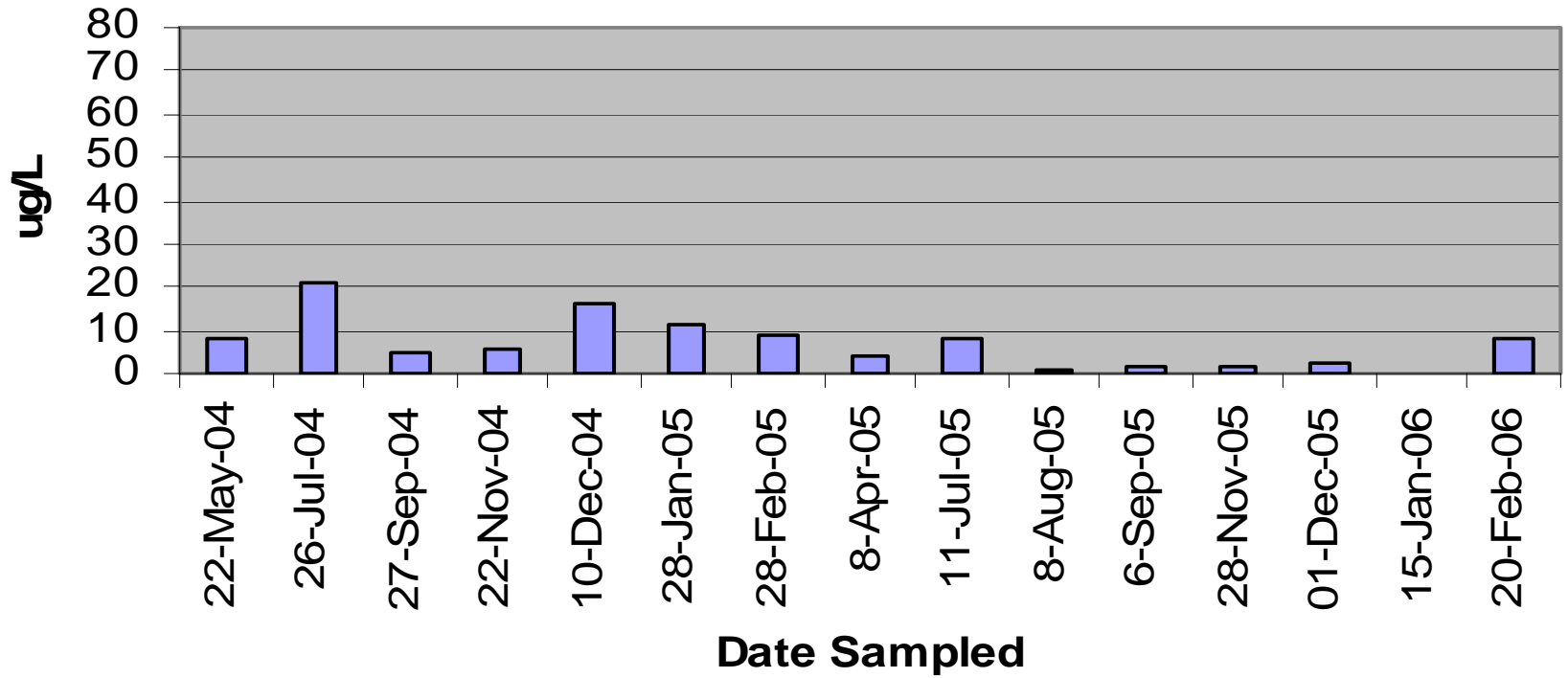


## Summer



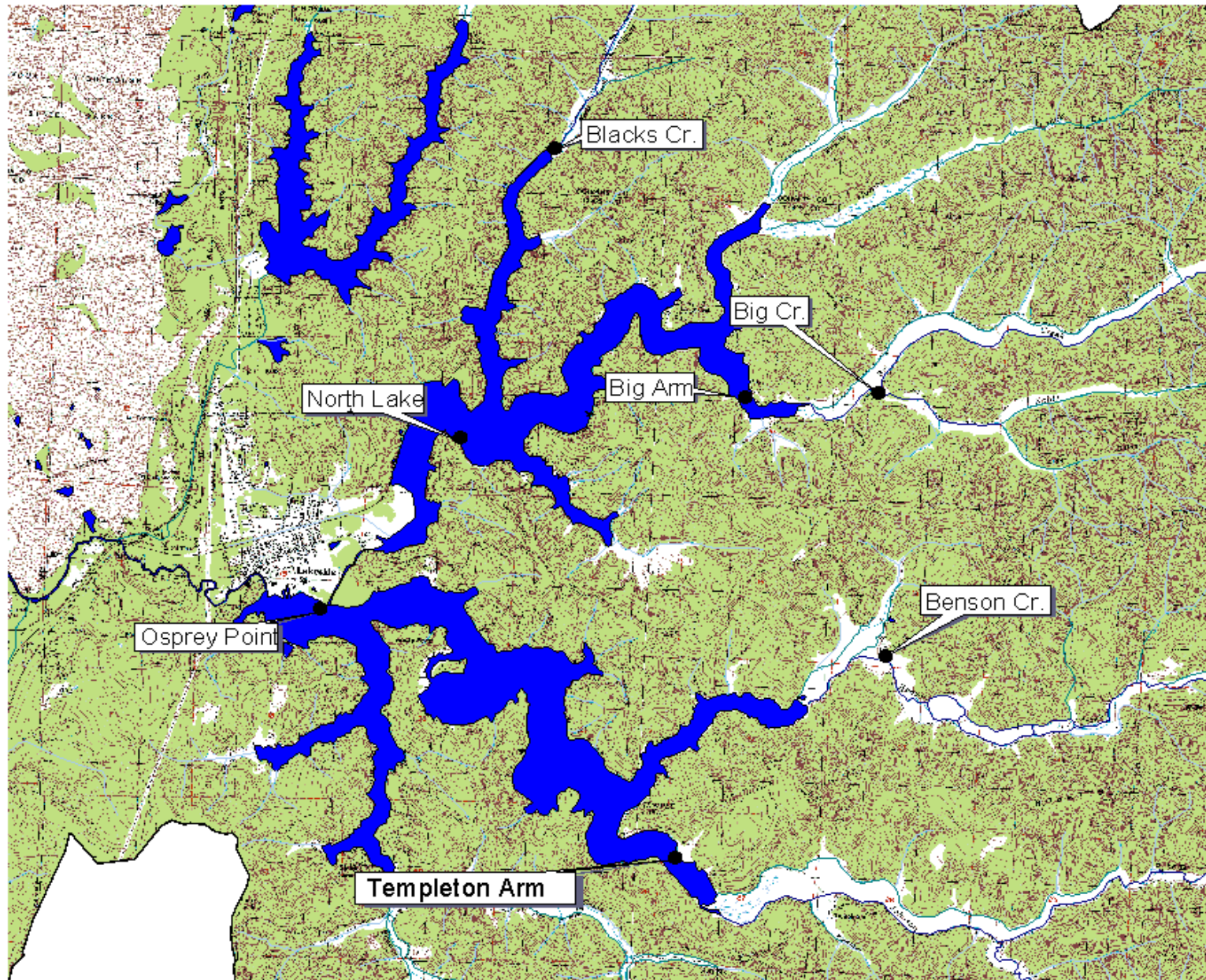
# TENMILE CREEK

## Chlorophyll A





# Storm Chasing







# Blacks Creek Auto Sampler







# Big Cr. Auto Sampler







# Benson Auto Sampler



















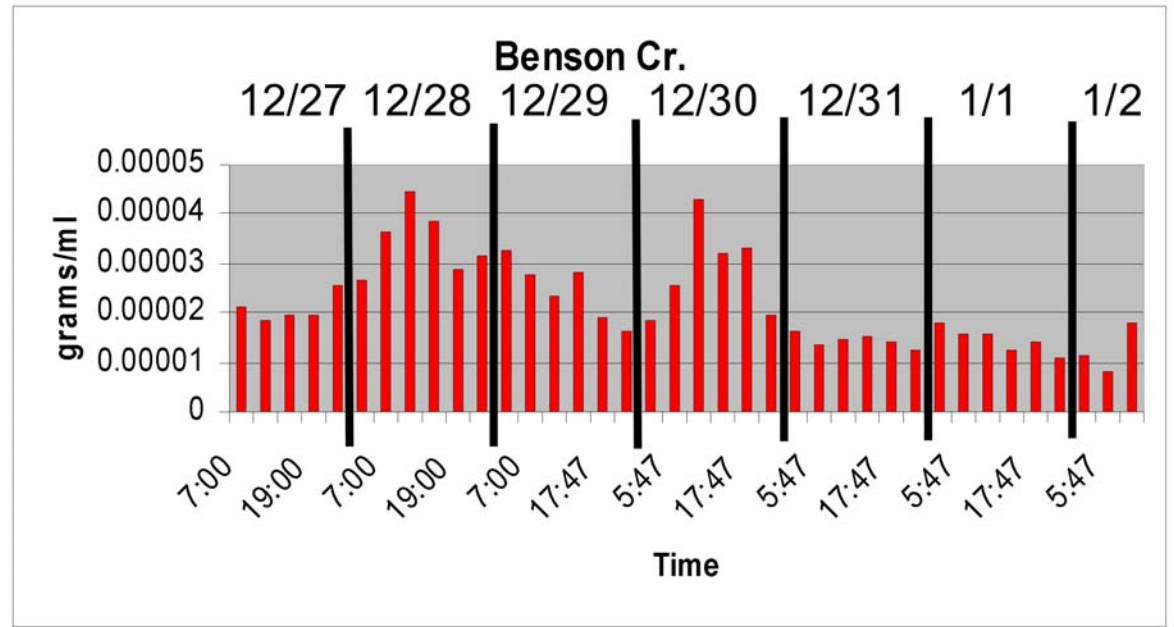




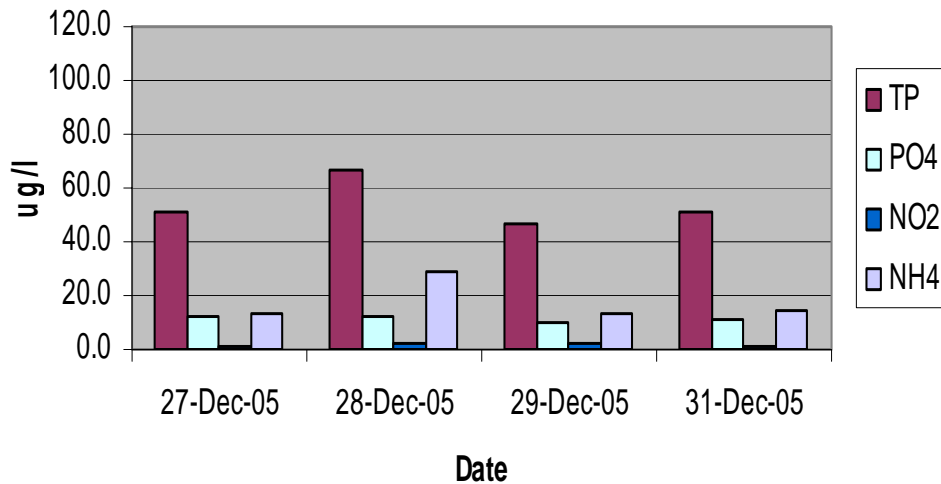
# Benson Cr.

Avg. TSS-

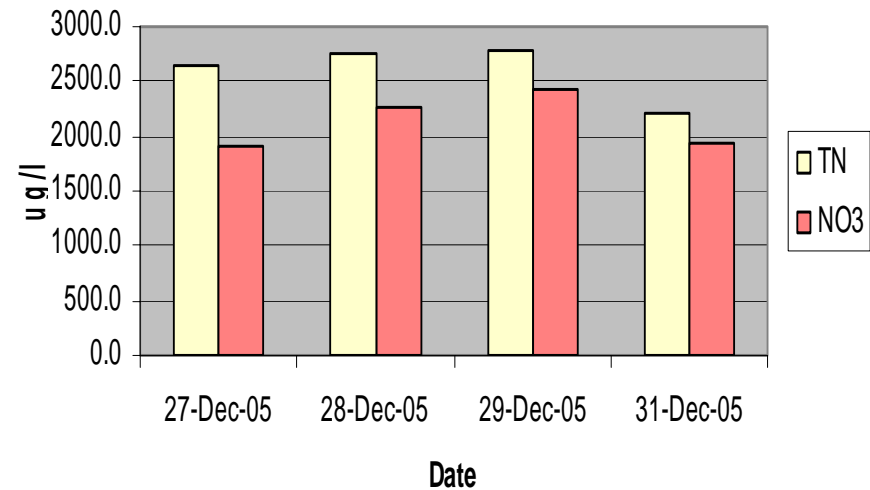
2.27E-05 grams/ml



## Benson



## Benson

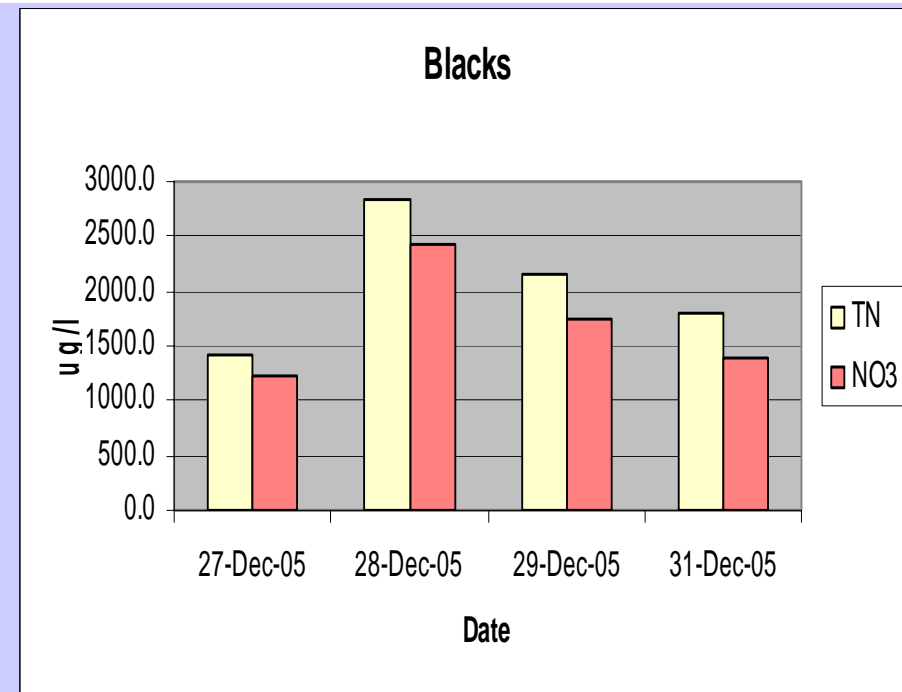
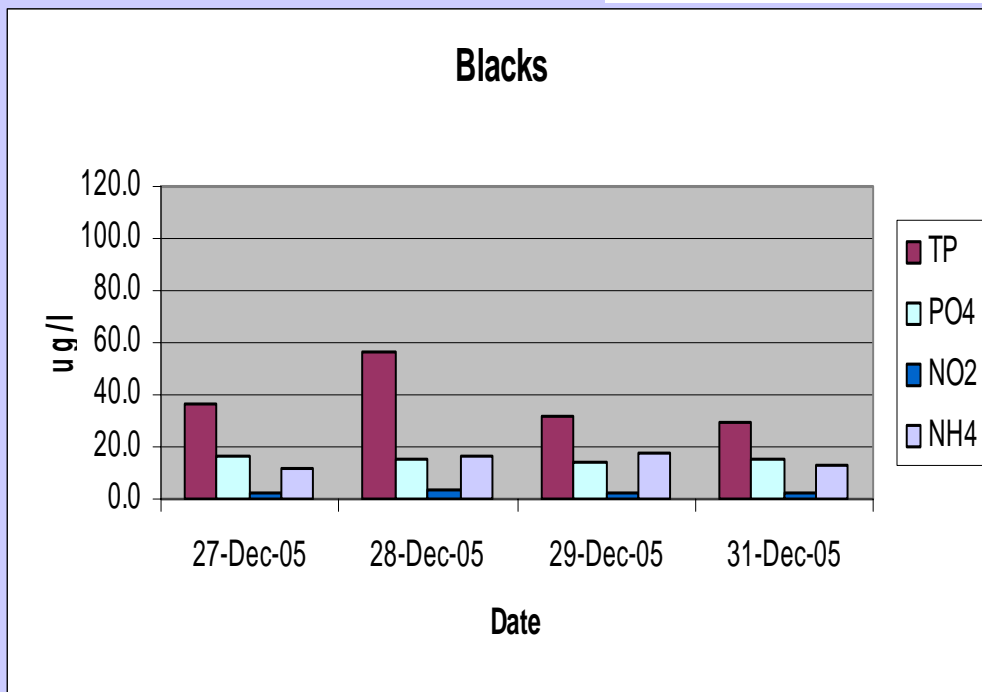
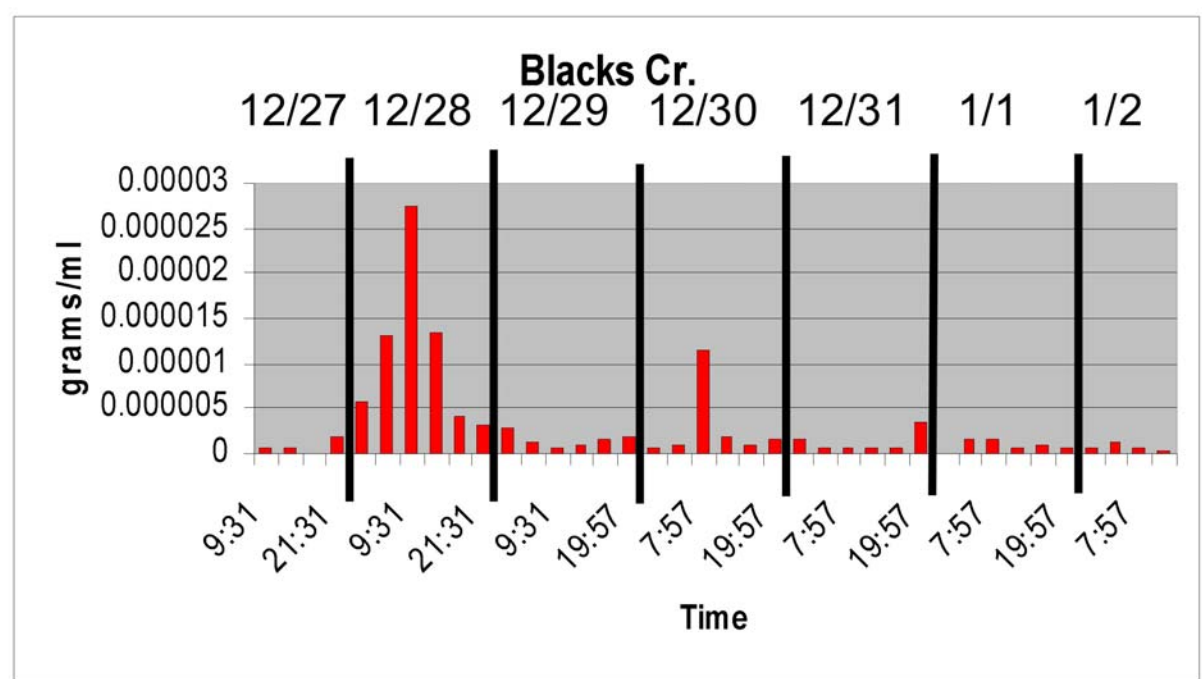




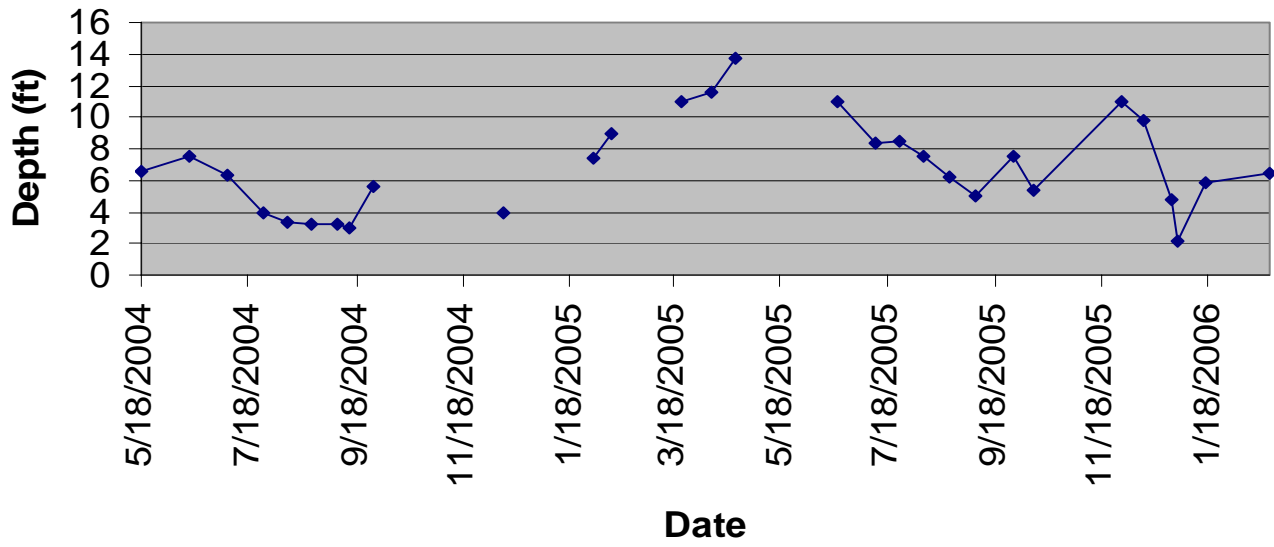
# Blacks Creek

Avg. TSS-

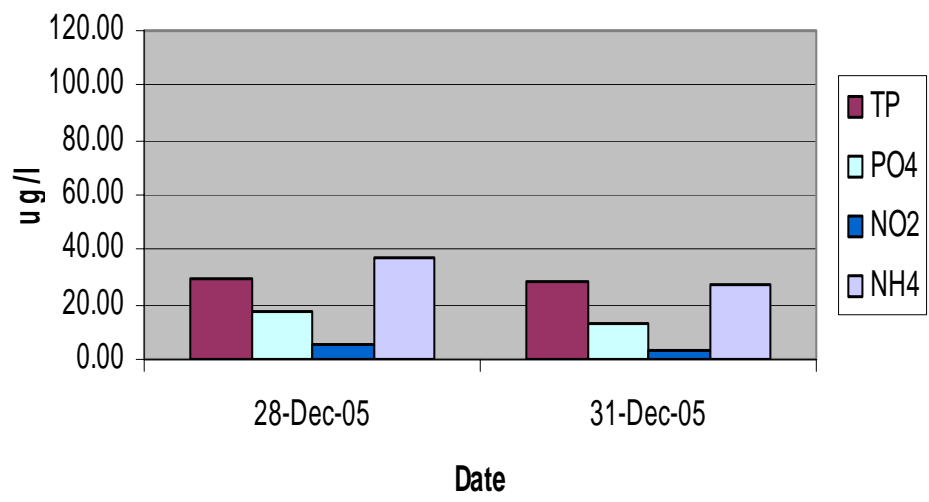
3.01E-06 grams/ml



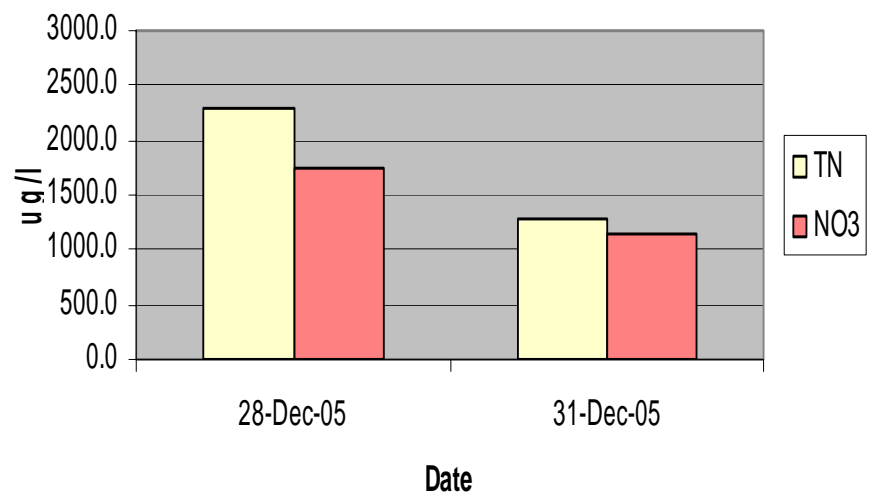
### Templeton Secchi Readings



### Templeton

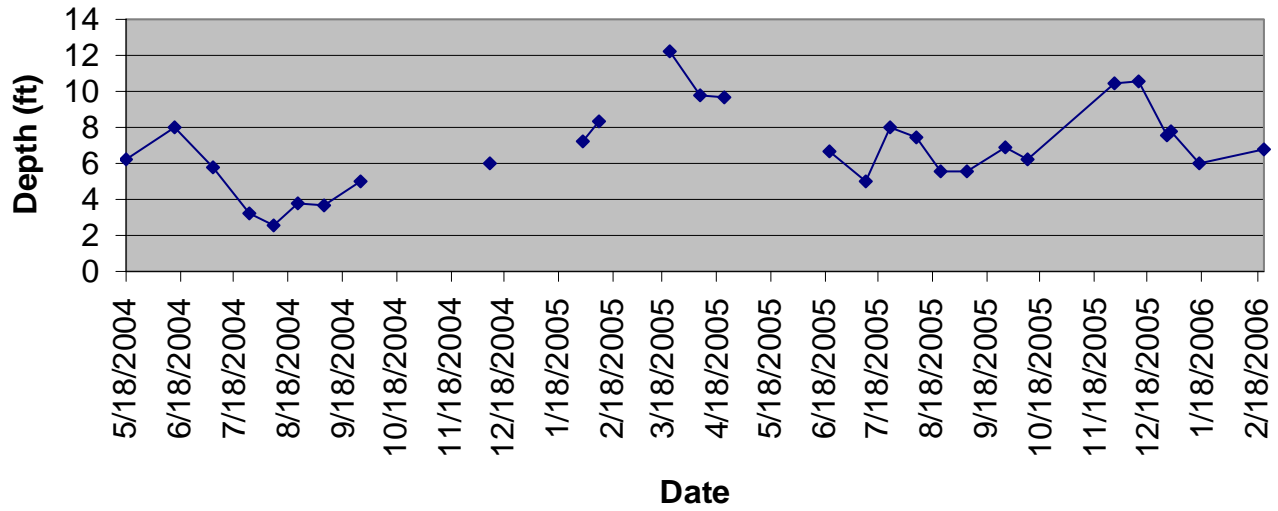


### Templeton

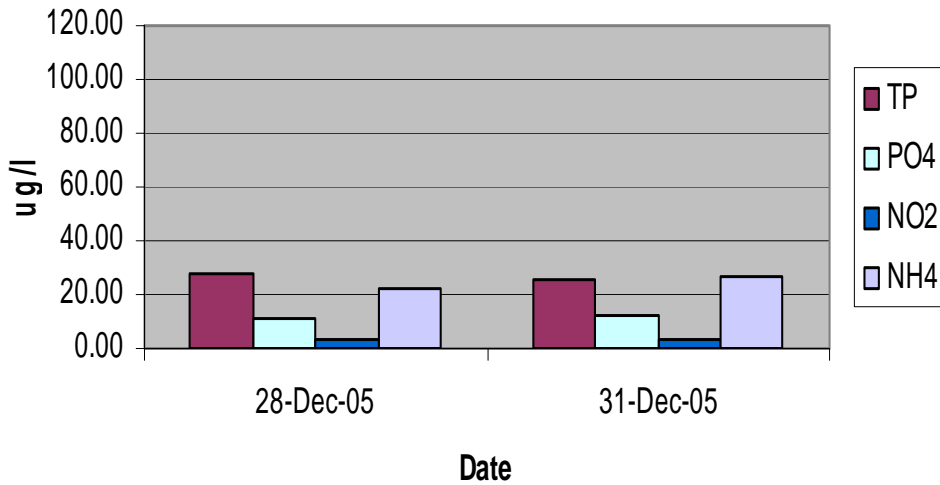




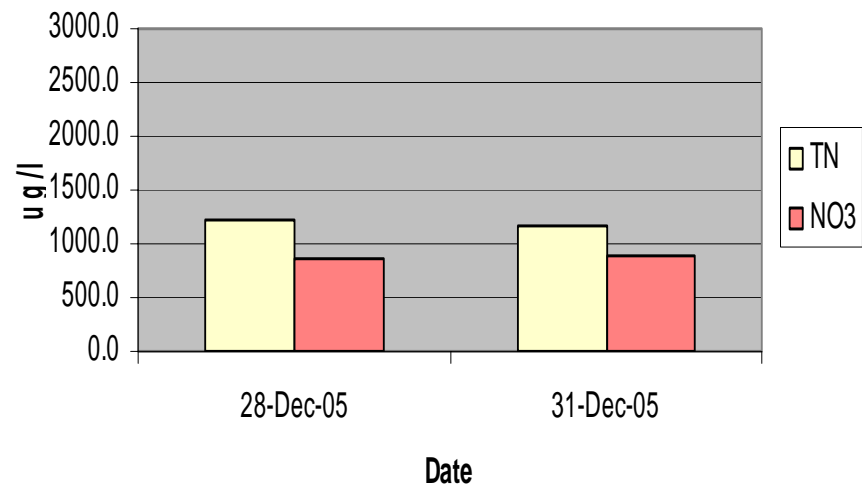
## Osprey Point Secchi Readings



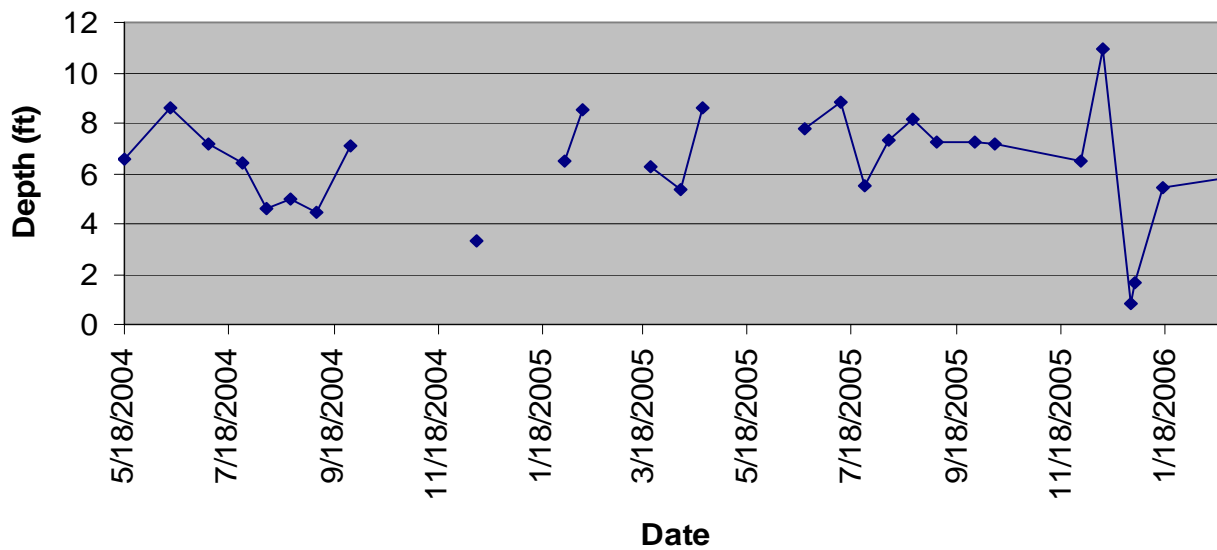
### Osprey Point



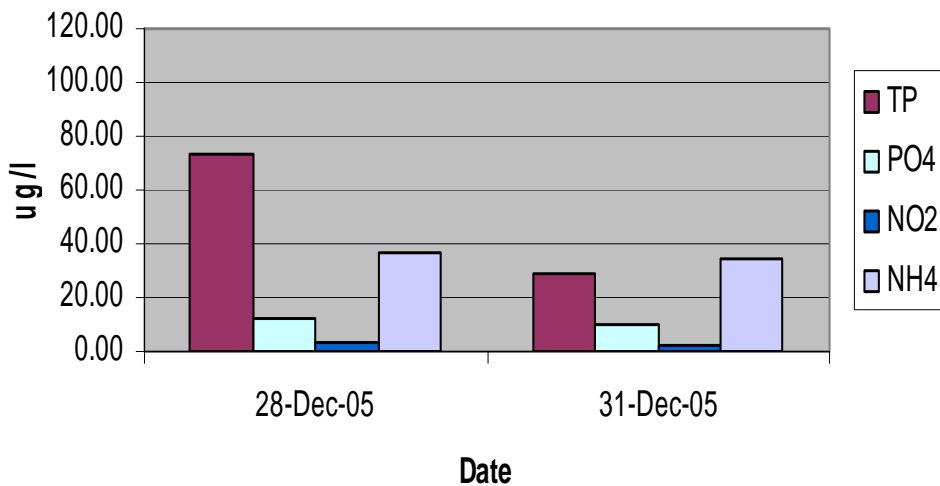
### Osprey Point



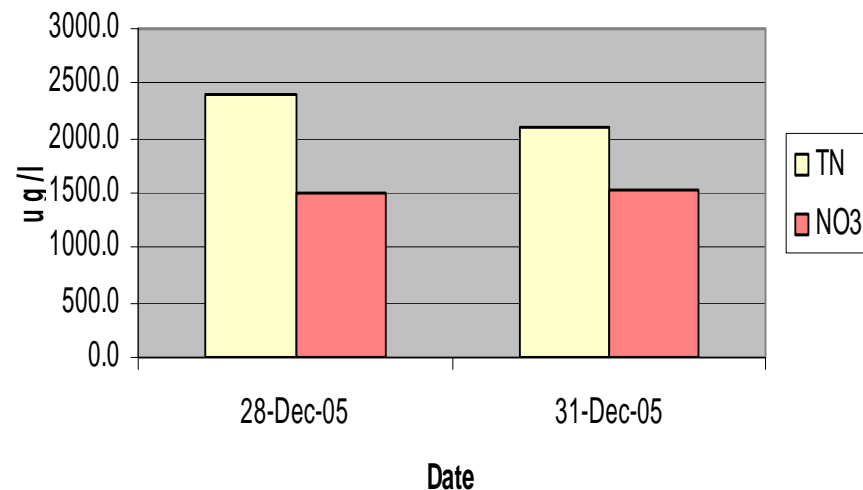
### Big Arm Secchi Readings



### Big Arm

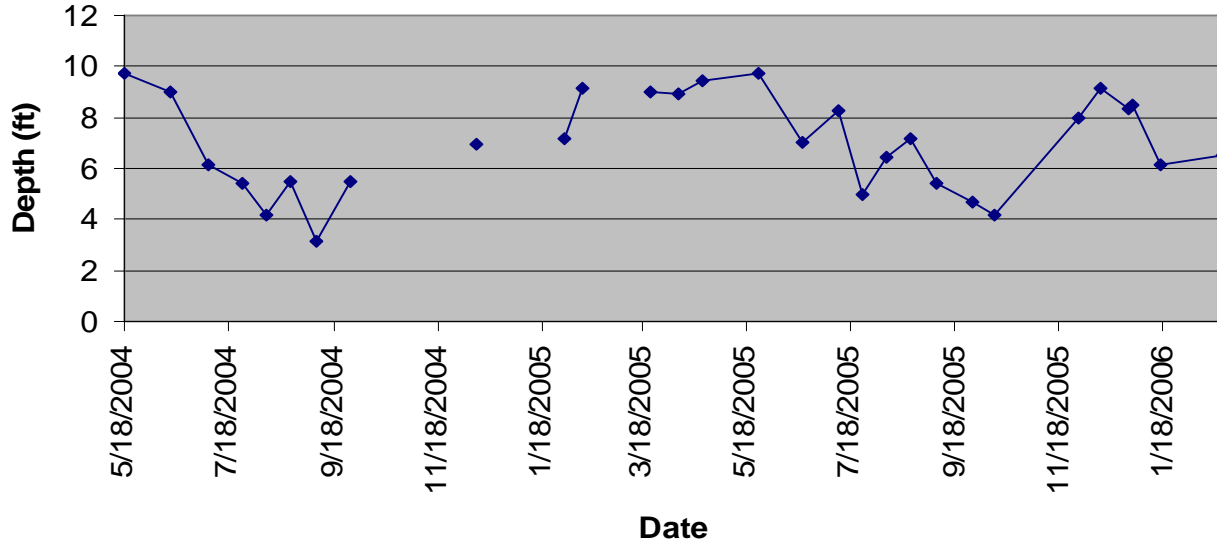


### Big Arm

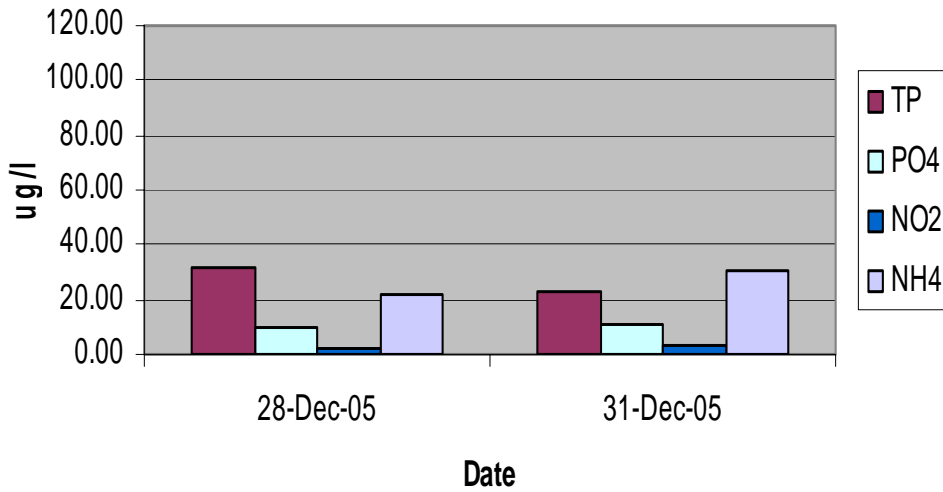




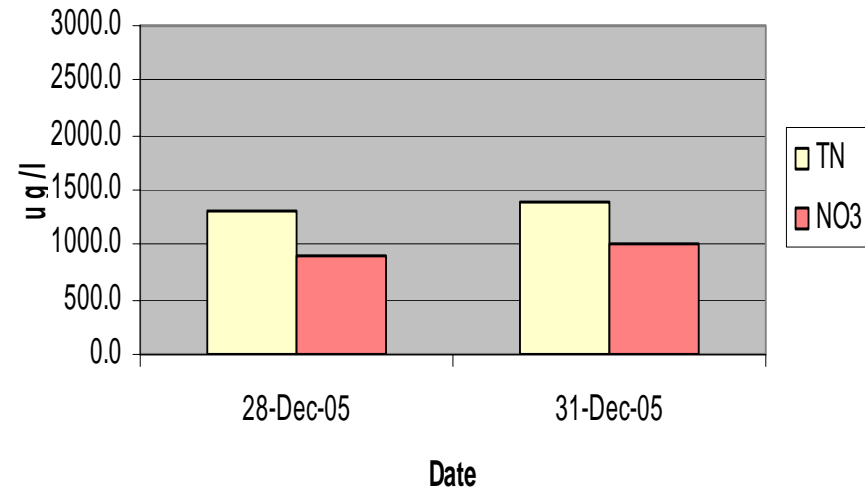
### North Lake Secchi Readings



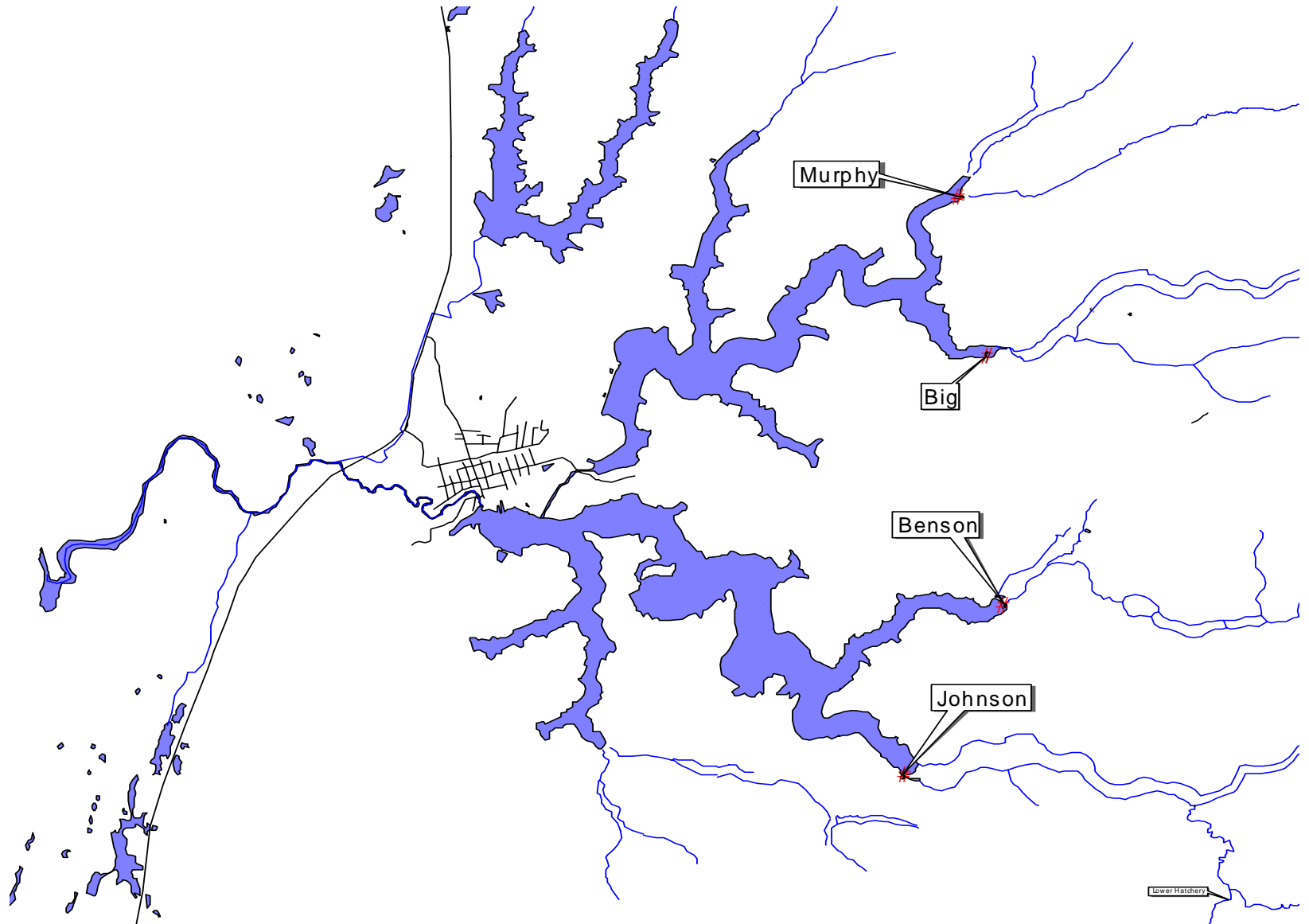
### North Lake



### North Lake



# Delta Building Sites





# Templeton Arm

2005



2004





# Benson Cr.

2005

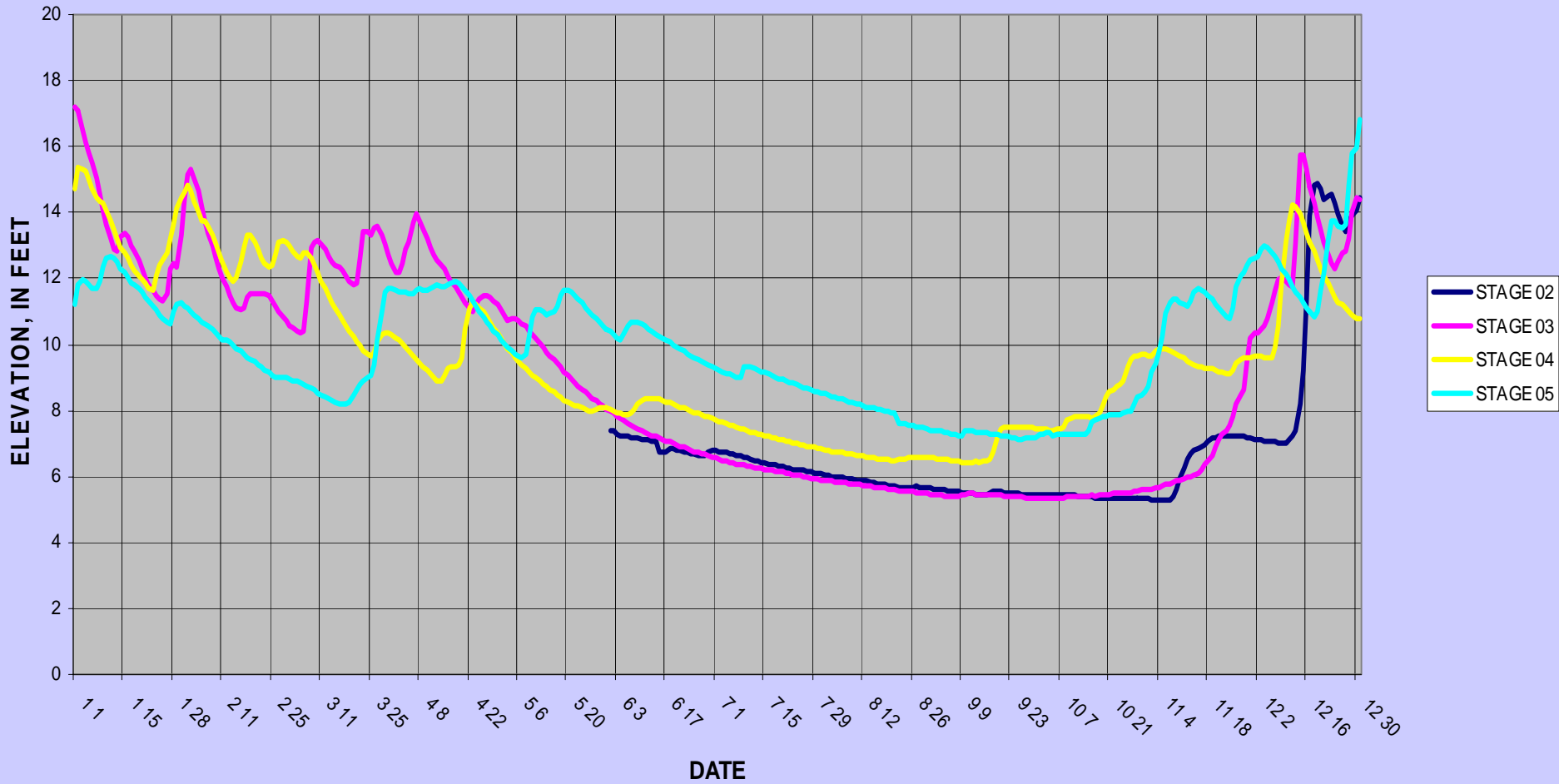


2004

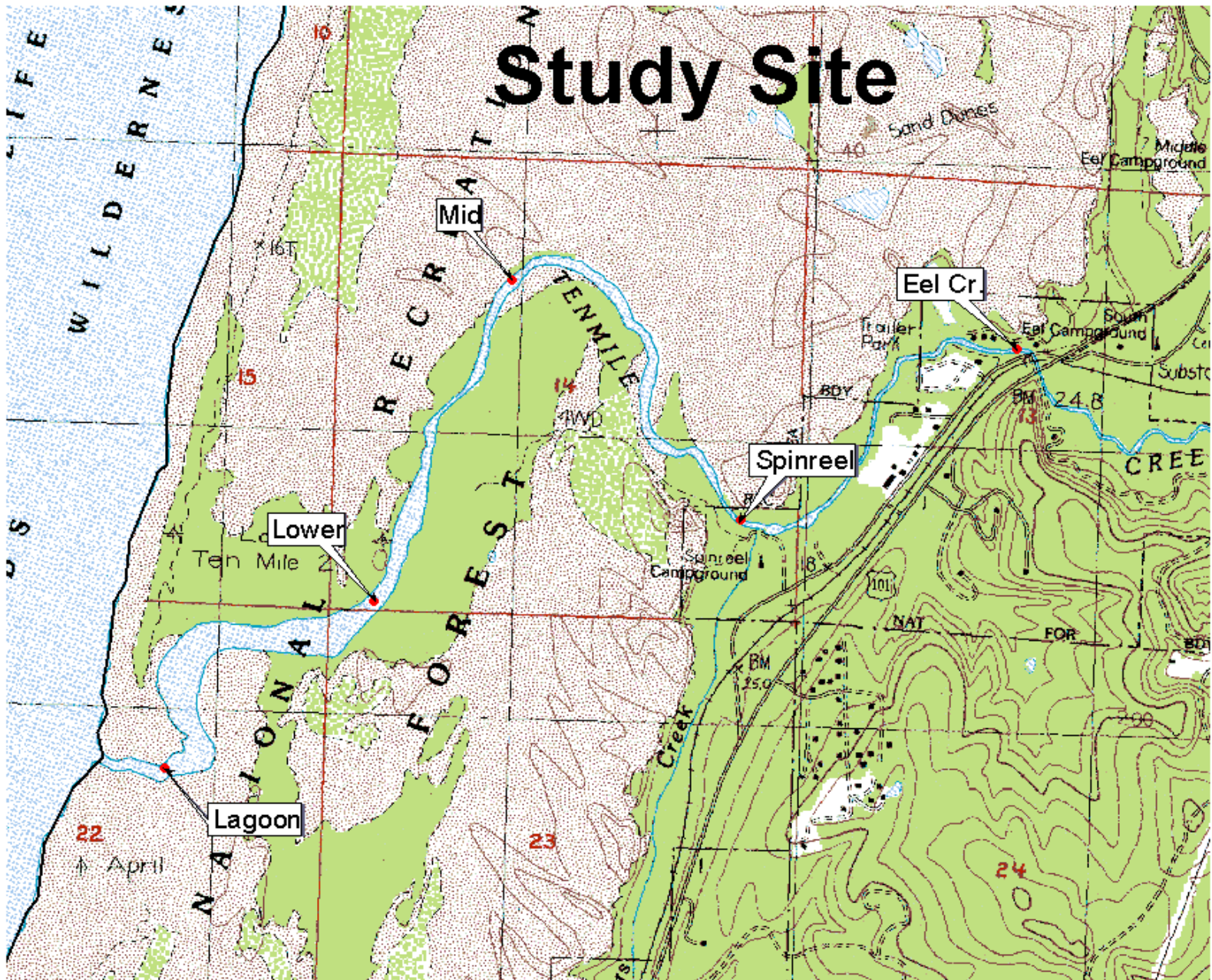




# TENMILE LAKE DAILY MEAN ELEVATIONS, CALENDAR YEARS



# Study Site







ODFW Staff

Nick Wilsman

Shannon Osborn









# TENMILE CR. SEINING RESULTS

SITE	SALMONID	BLUE Gill	LM BASS	PRICKLY SCULPIN	STAGHORN SCULPIN	THREE SPINE STICKLEBACK
EEL CR.		29	9	7		
SPINREEL		6	16	4		
MID				1		4
LOWER						
LAGOON					7	

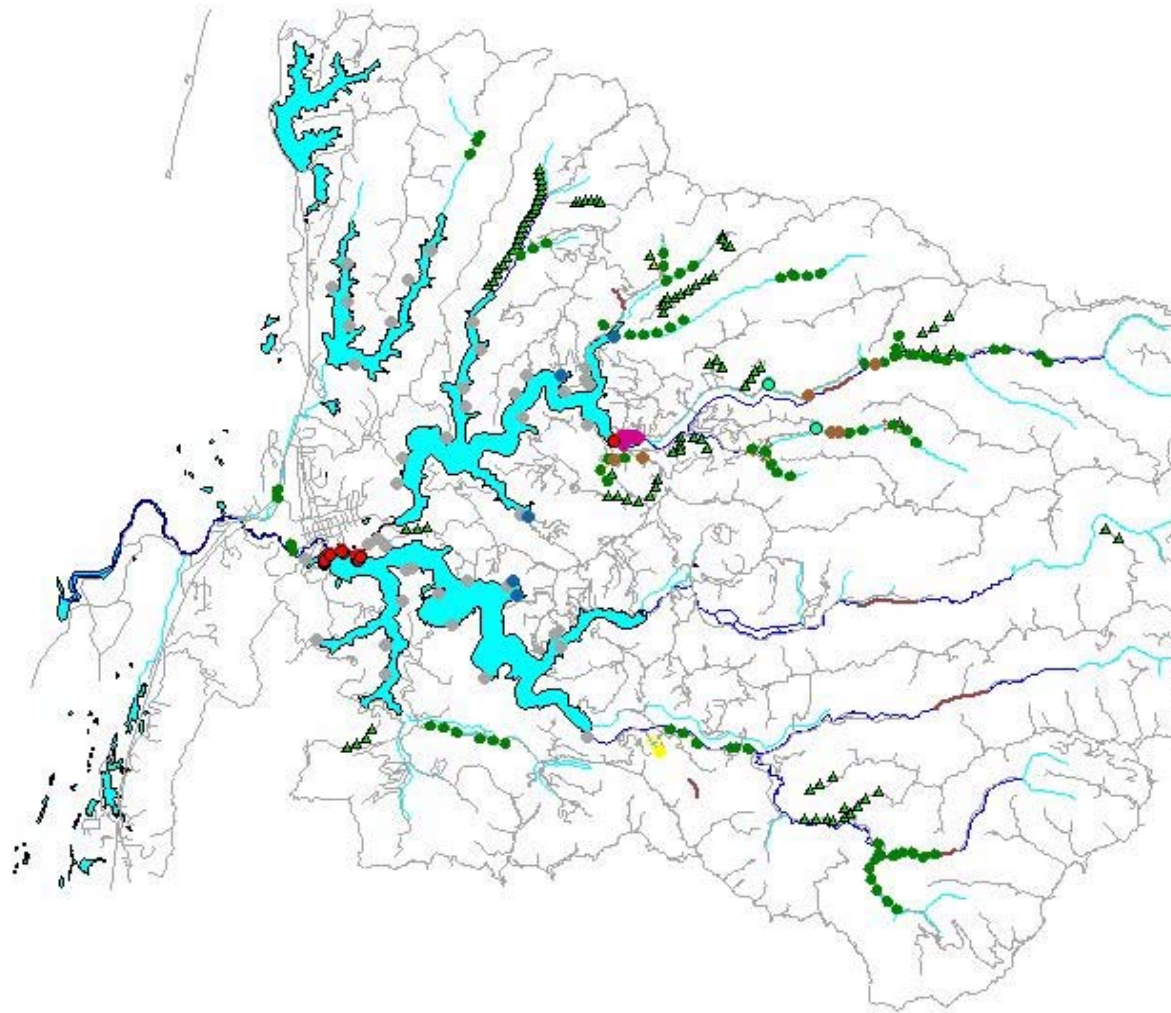


**WEEDS**

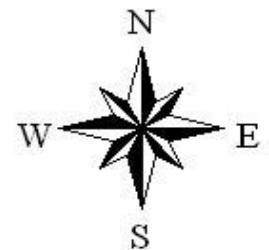




# Projects



- Instream projects
- Western pond turtles
- Purple Martins
- Purple loosestrife
- Osprey nests
- Nutrient management
- Riparian plantings
- Large woody debris
- Fencing
- Seeding
- Roads
- Streams
  - Large
  - Medium
  - Small



4 0 4 8 Miles





House Gulch  
Fence  
1/10/06



Noble/  
Alder Cr.  
Bridge  
1/10/06







Adams Cr.  
Culvert #2  
Inlet  
2-8-06



Swanson  
Culvert  
outlet  
1/11/06



Eel Cr.  
Erosion Mat  
8-9-05





# 2006 Monitoring Projects

- Eagle/ Osprey Surveys
- Algae Sampling
- Nutrient Sampling
- Temperature Monitoring
- Delta Building
- Effectiveness Monitoring
- Storm Chasing
- Summer Baseline Water Quality Monitoring



Thank You  
ODFW  
City of Lakeside  
ODEQ  
Milo Crumrine  
Landowners in the Tenmile  
Watershed  
Lakeside Marina  
BLM  
OWEB

