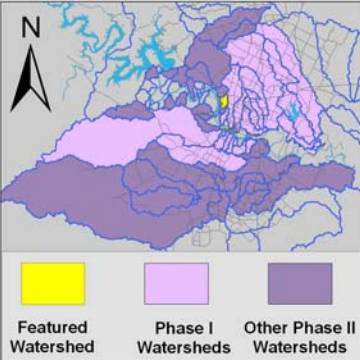


# Taylor Slough North Watershed

## Summary Sheet

Catchment	Total area	1.4 square miles			
	Area in recharge	1.1 square miles			
	Creek length	2 miles			
Demographics	Receiving water	Lake Austin			
	2000 population	2,219			
	2030 projected population	3,779			
Land Use	30 year projected % increase	70 %			
	Impervious cover (2003 estimate)	27.24 %			
Overall EII Scores	2001	2004	2007	2010	2012
	61	61	62	69	68



### Flow Regime\* for Sample Sites on Taylor Slough North

Site #	Site Name	2004						2007					2010				2011	2012	
		Mar	May	May	Jun	Oct	Dec	Feb	May	Jun	Sep	Dec	Mar	May	May	Oct	Dec	Mar	Apr
		WQ	WQ	Bio	WQ	WQ	WQ	WQ	WQ	Bio	WQ	WQ	WQ	WQ	Bio	WQ	WQ	WQ	Bio
177	Pecos	B	B	B	n	n	B												
1091	Old Bull Ck Rd	B	B	B	B	n	B												
3969	Mayfield Pk							B	B	S	B	B	B	B	B	B	B	B	B

\* B = baseflow    n = no flow    storm = storm flow    blue = Samples were taken    grey = Samples were not taken    blank = not visited

### Summary of 2012 Data for Taylor Slough North Creek

Summary	Parameter	Mean	Max	Min	Discussion
Physicochemical	D.O. mg/l	6.3	7.1	5.6	Within normal range.
	pH st.units	7.88	8.01	7.75	Within normal range.
	Cond uS/cm	812	820	803	Within normal range.
Nutrients	NH <sub>3</sub> mg/l	0.008	0.008	0.008	Consistently low.
	NO <sub>3</sub> mg/l	0.45	0.534	0.366	Within normal range.
	Ortho P mg/l	0.014	0.014	0.014	Within normal range.
Sediment Load	TSS mg/l	1.0	1.0	1.0	Consistently low.
	Turbidity ntu	0.81	0.81	0.81	Within normal range.
Biology	E.Coli /100ml	64	115	13	Within normal range.
Benthic Macroinvertebrates and Diatoms: evaluations are provided in the introduction of this report					

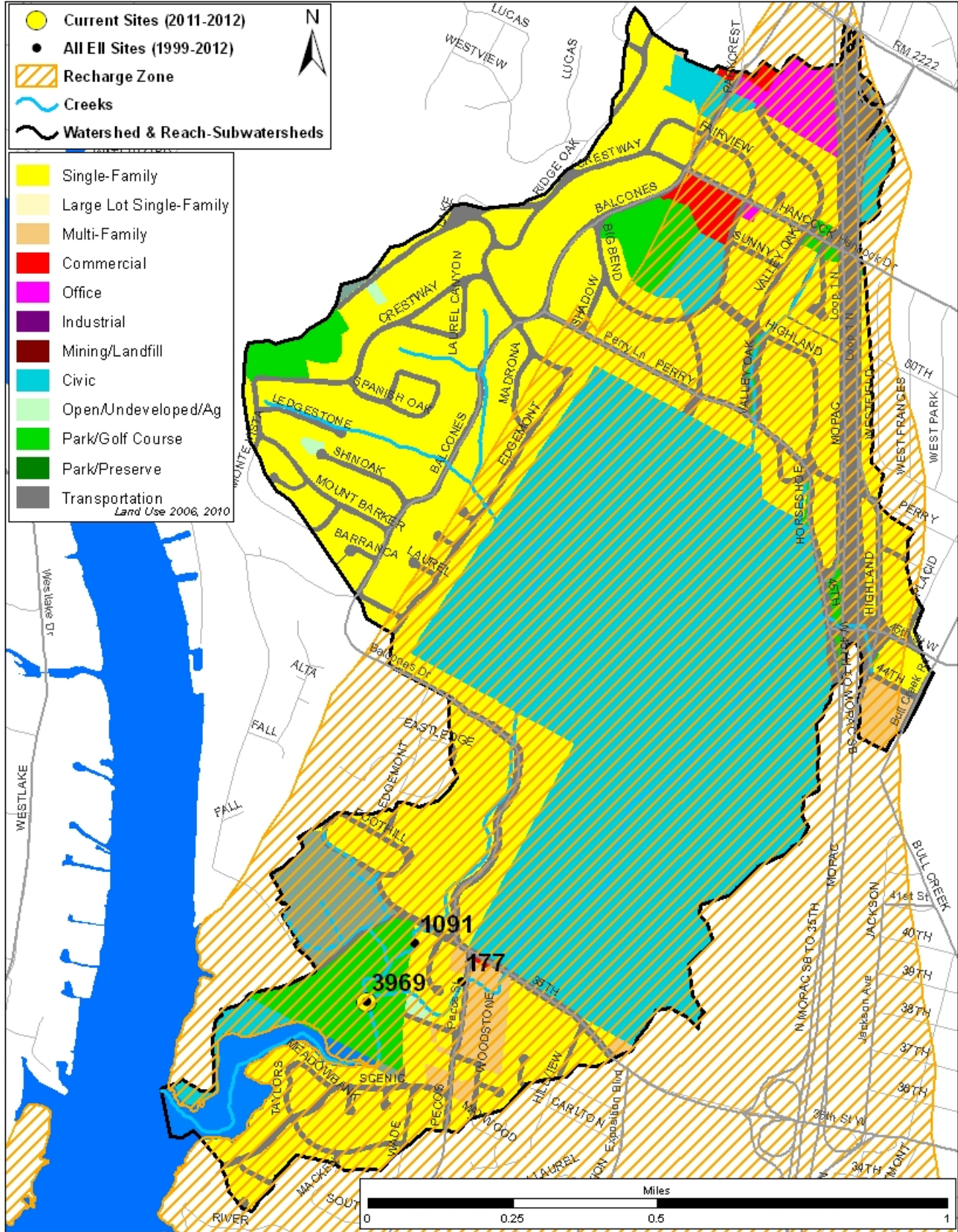
### Index scores\* for Taylor Slough North Sites by Year

Reach	Site	Site Name	Year	Water Quality	Sediment**	Contact Rec.	Non-Contact Rec.	Physical Integrity	Aquatic Life	Benthic subindex	Diatom subindex	Total EII Score
TYN1	177	Taylor Slough North @ Pecos St	1998	57	52	86	73	48	32	38	25	58
TYN1	1091	Taylor Slough North @ Old Bull Creek Rd	1998	61	52	88	67	58	42	34	50	61
TYN1	177	Taylor Slough North @ Pecos St	2001	68	49	65	84	70	32	45	19	57
TYN1	1091	Taylor Slough North @ Old Bull Creek Rd	2001	50	49	75	63	64	63	48	77	57
TYN1	177	Taylor Slough North @ Pecos St	2004	62	60	43	78	76	62	44	79	64
TYN1	1091	Taylor Slough North @ Old Bull Creek Rd	2004	60	60	36	78	60	49	32	66	57
TYN1	3969	Taylor Slough North @ Mayfield Park	2007	53	61	37	89	71	60	43	77	62
TYN1	3969	Taylor Slough North @ Mayfield Park	2010	63	62	53	93	72	73	64	82	69
TYN1	3969	Taylor Slough North @ Mayfield Park	2012	62	61	70	77	73	66	53	79	68

\* blank cells indicate parameter was not collected, blank row indicate site was dropped    \*\*sediment samples only collected at the downstream site  
■ 100-87.5 Excellent    ■ 87.5-75 V. Good    ■ 75-62.5 Good    ■ 62.5-50 Fair    ■ 50-37.5 Marginal    ■ 37.5-25 Poor    ■ 25-12.5 Bad    ■ 12.5-0 V. Bad

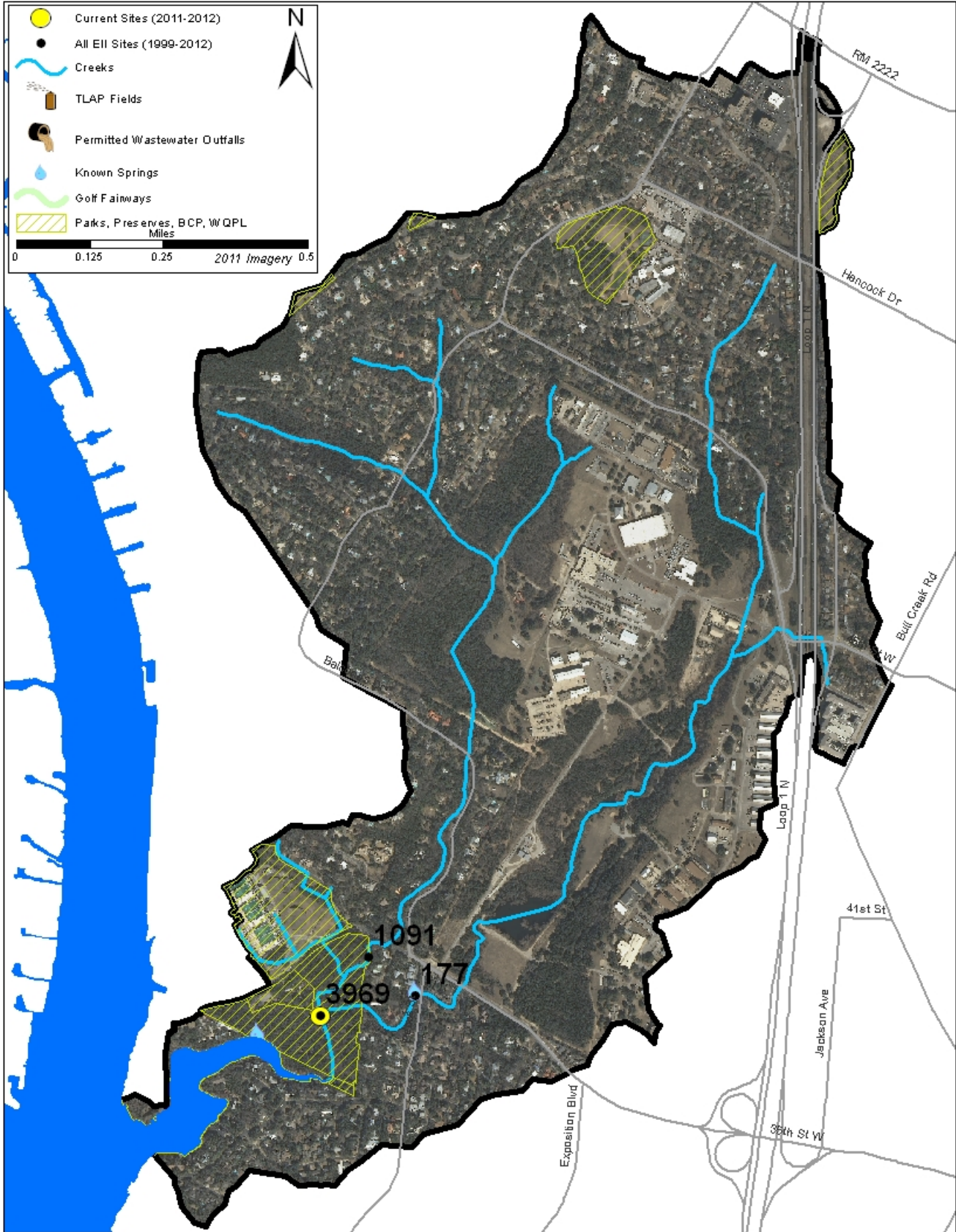
# Taylor Slough North Watershed

## Land Use Map



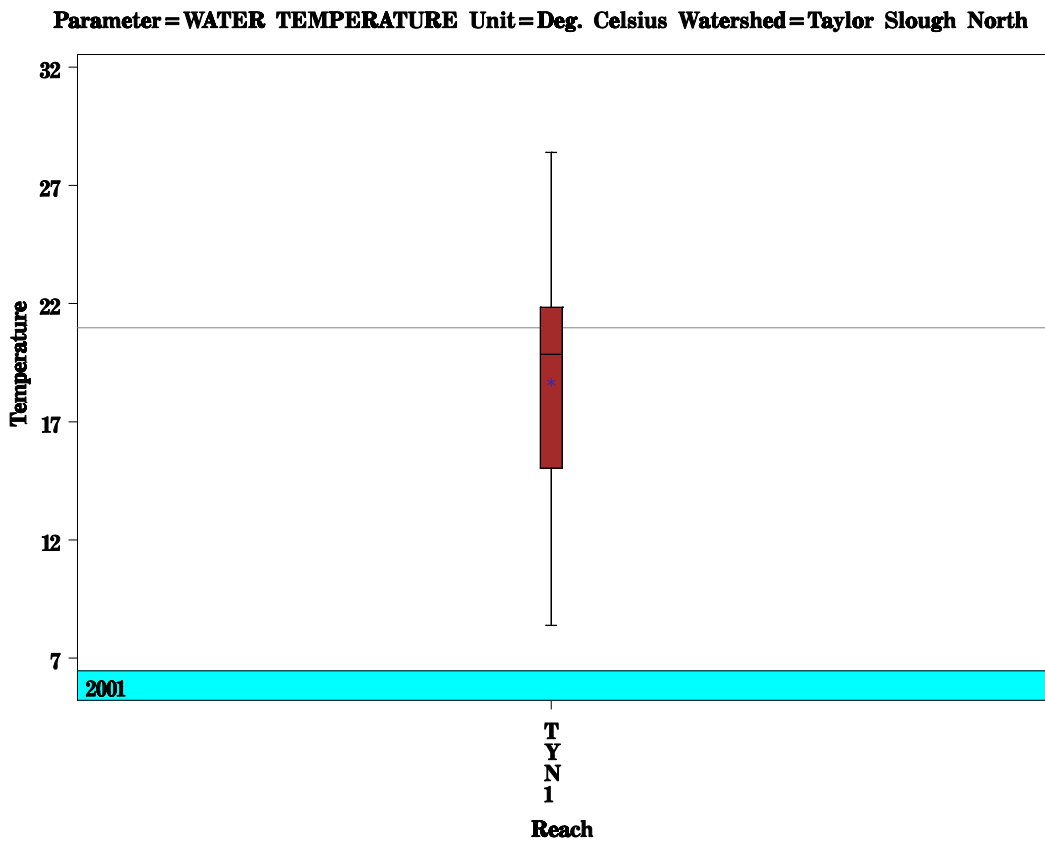
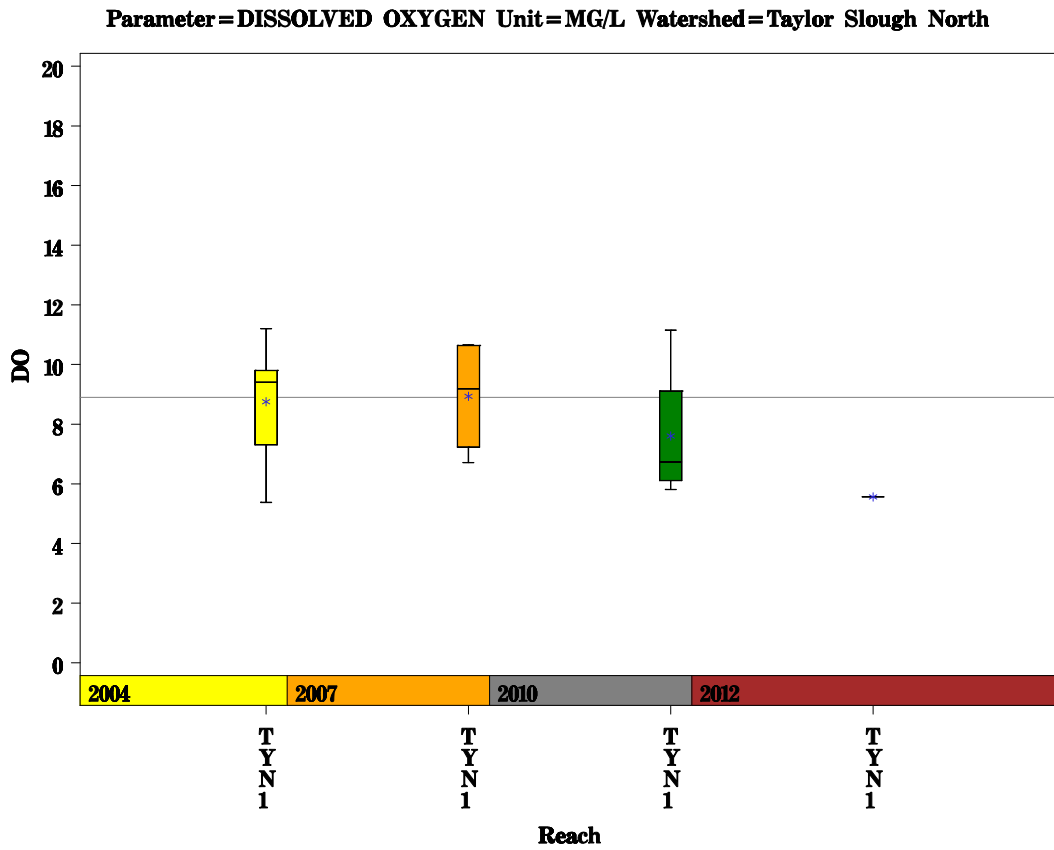
# Taylor Slough North Watershed

## Aerial Map



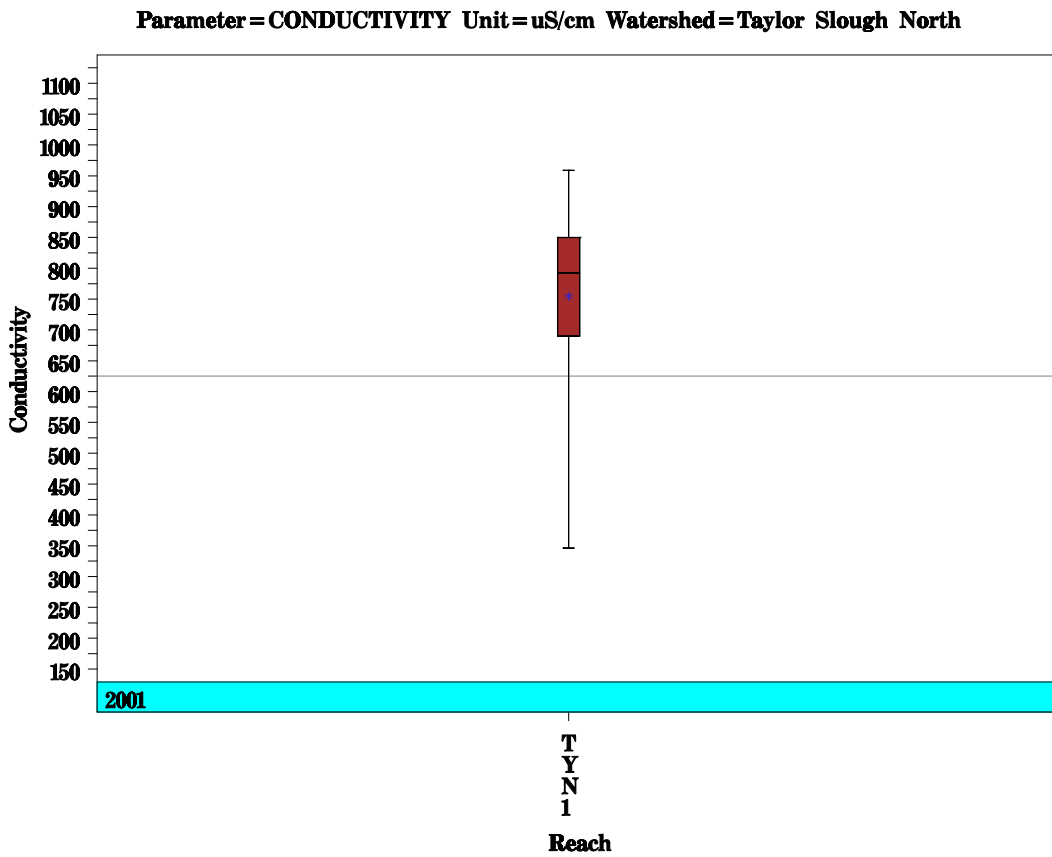
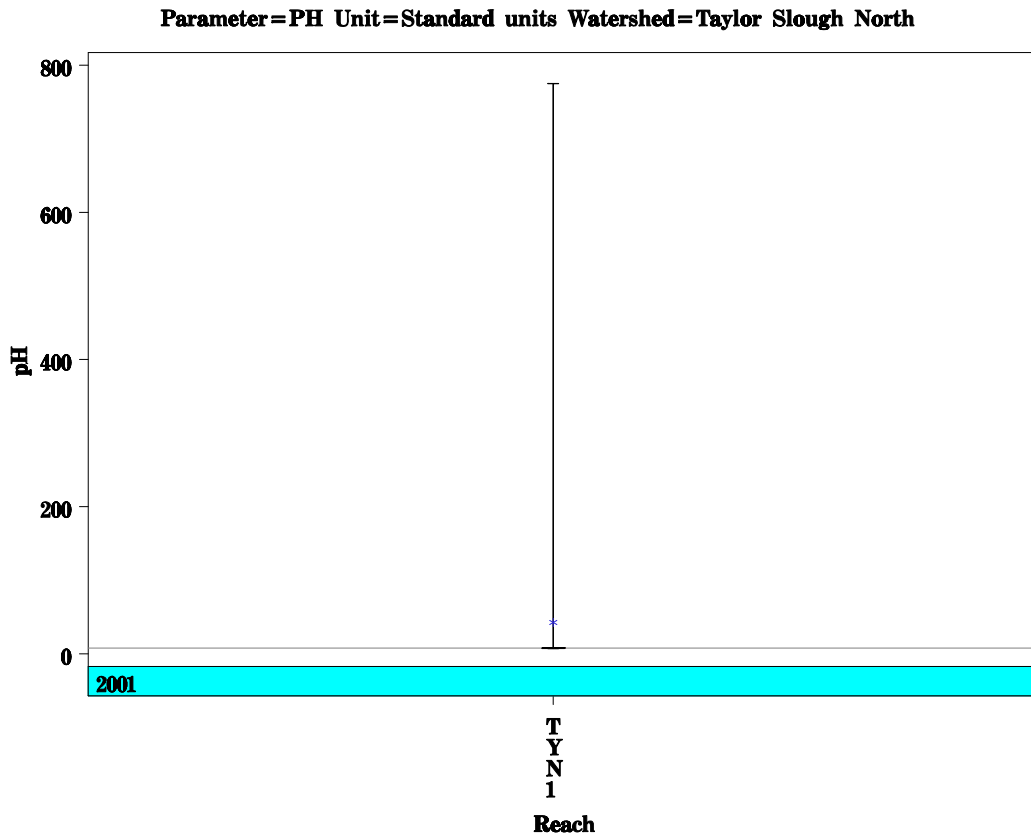
# Taylor Slough North Watershed

Data Summary Graphs – Dissolved Oxygen and Temperature (Downstream to Upstream by Year)



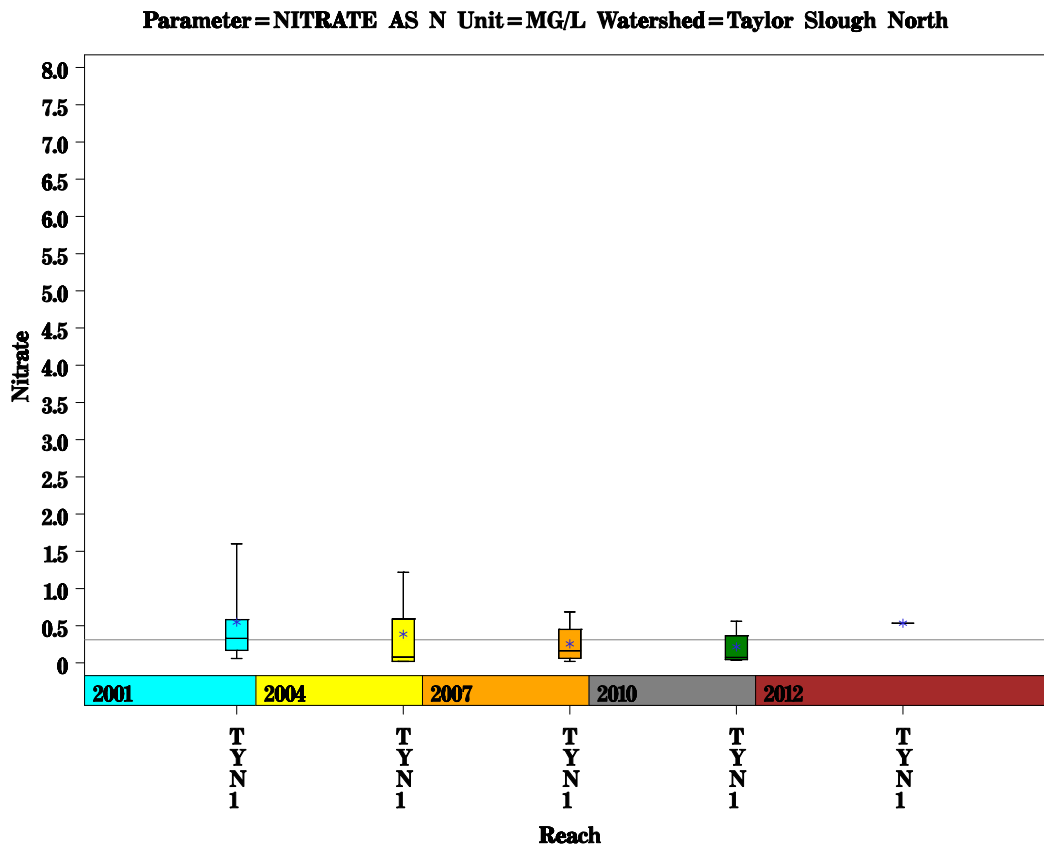
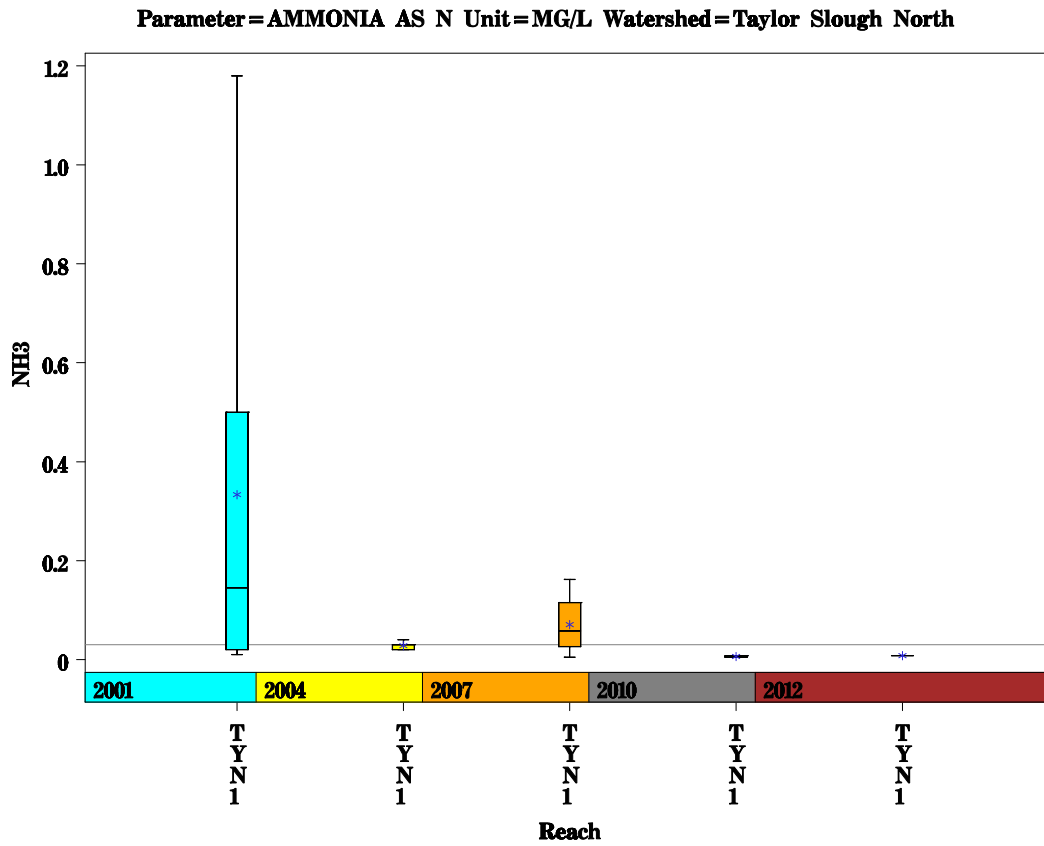
# Taylor Slough North Watershed

Data Summary Graphs – pH and Conductivity (Downstream to Upstream by Year)



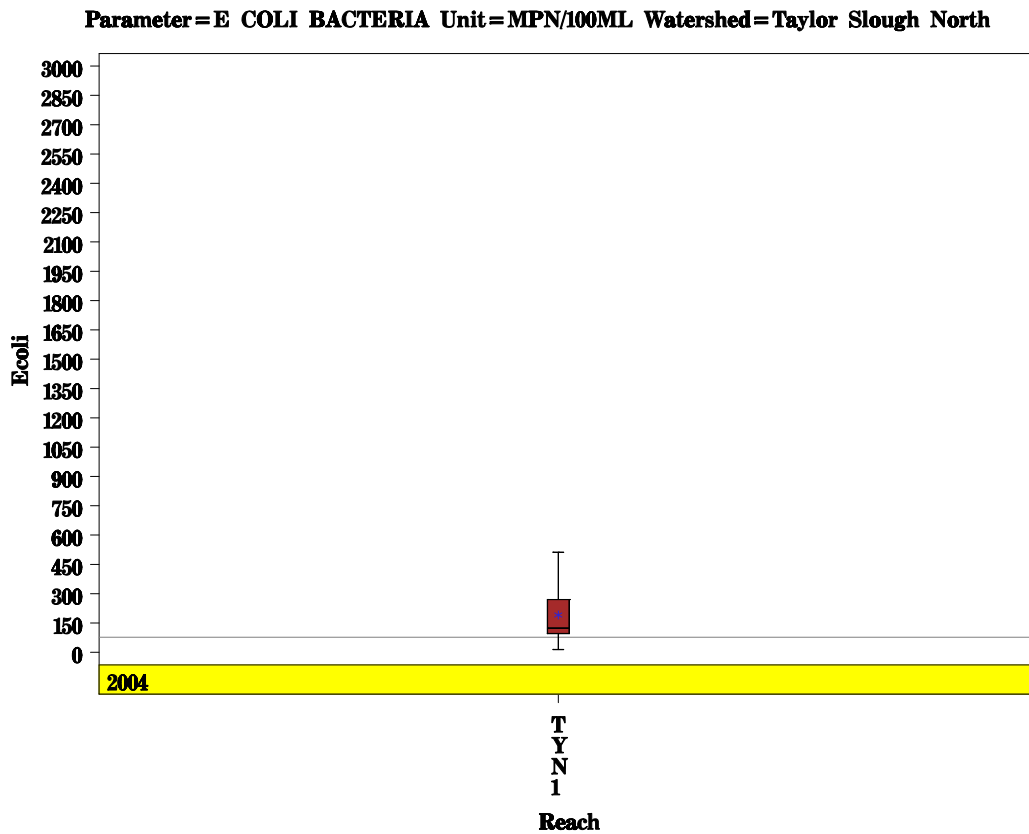
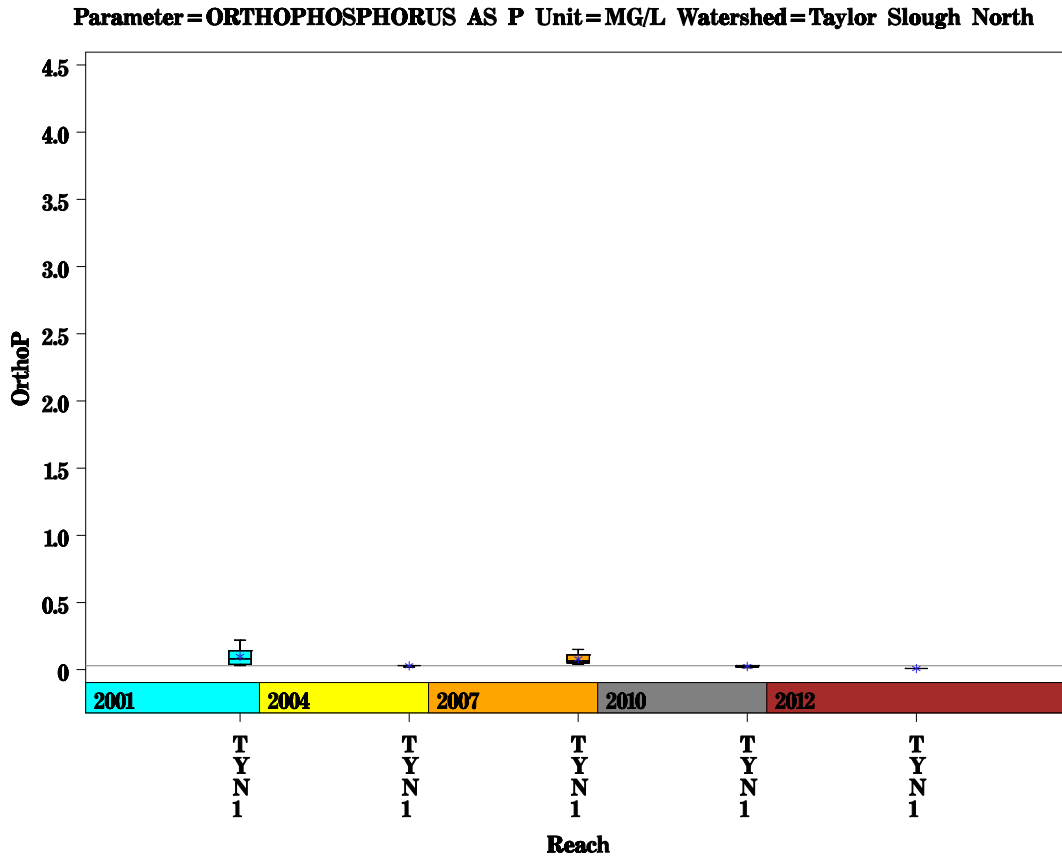
# Taylor Slough North Watershed

Data Summary Graphs – Ammonia and Nitrate/Nitrite (Downstream to Upstream by Year)



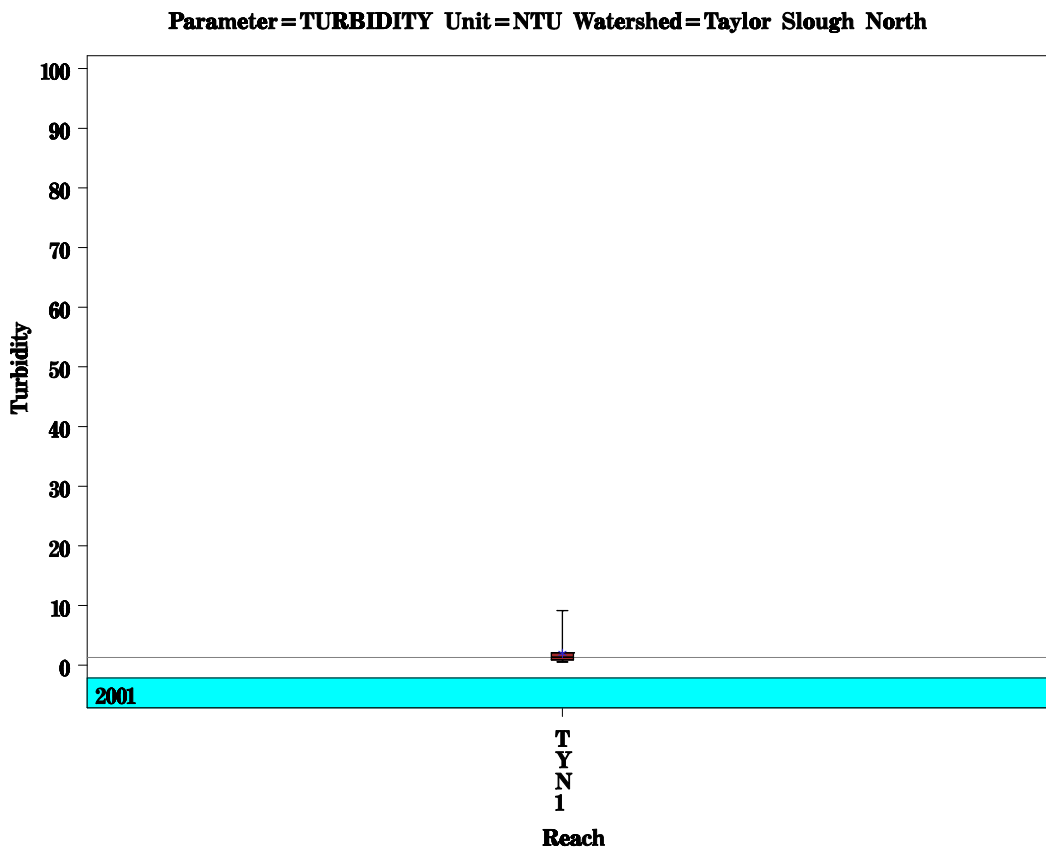
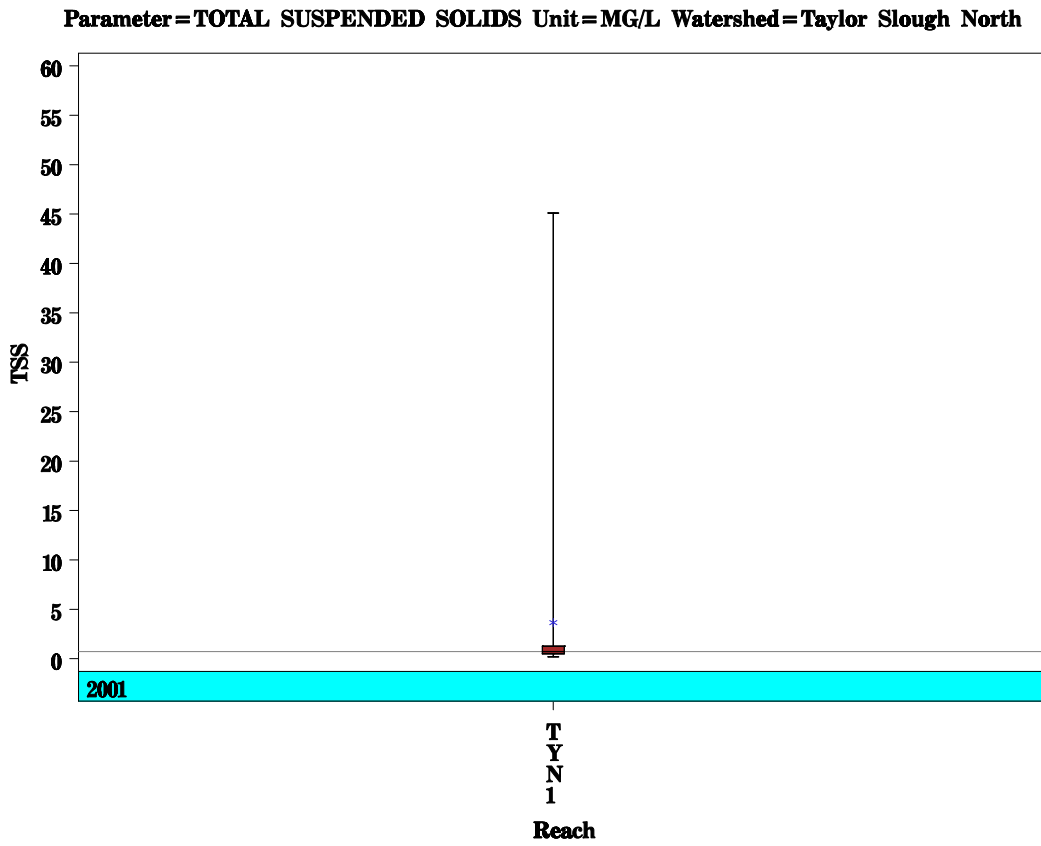
# Taylor Slough North Watershed

Data Summary Graphs – Orthophosphate and E.coli (Downstream to Upstream by Year)



# Taylor Slough North Watershed

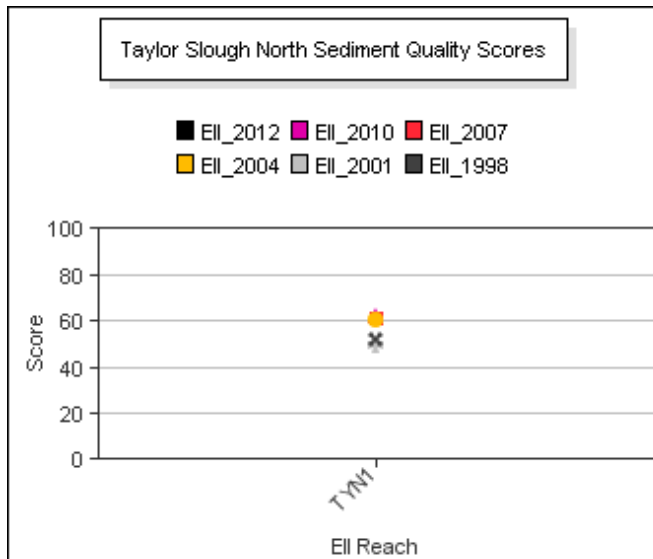
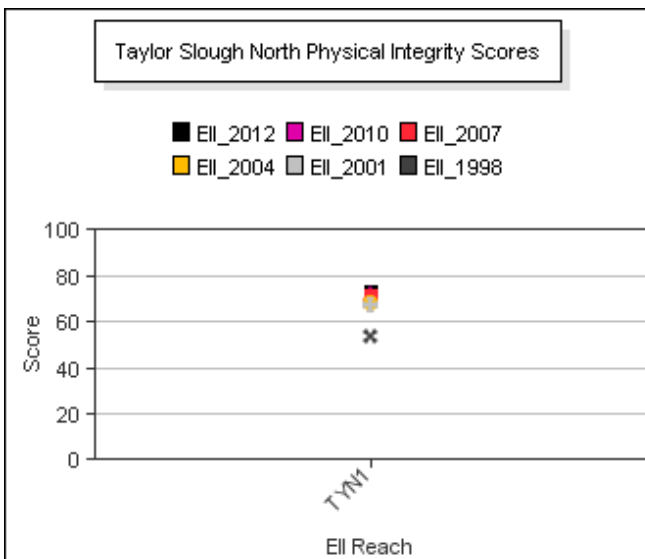
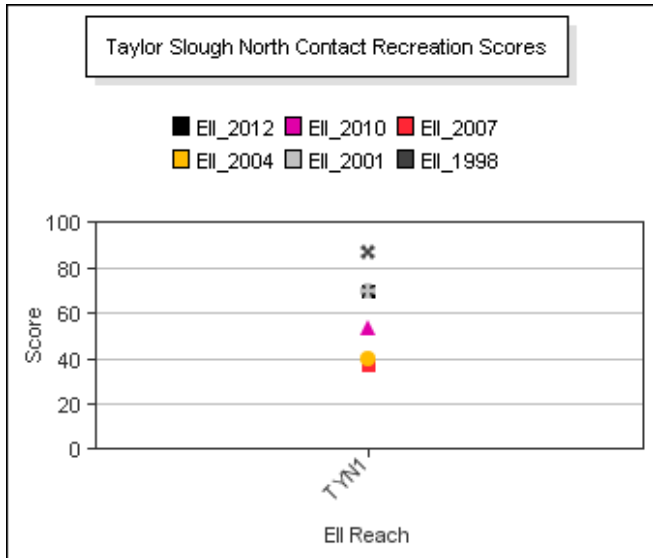
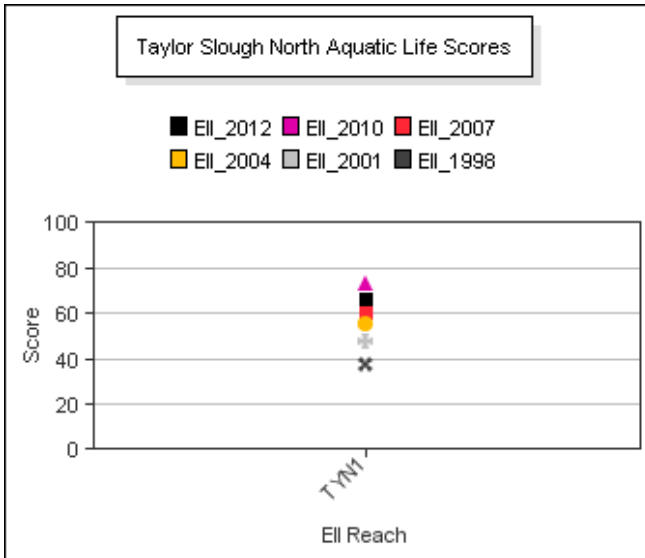
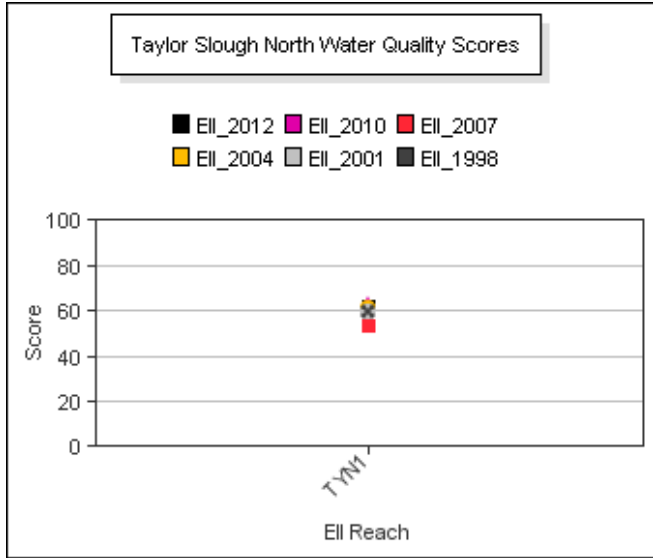
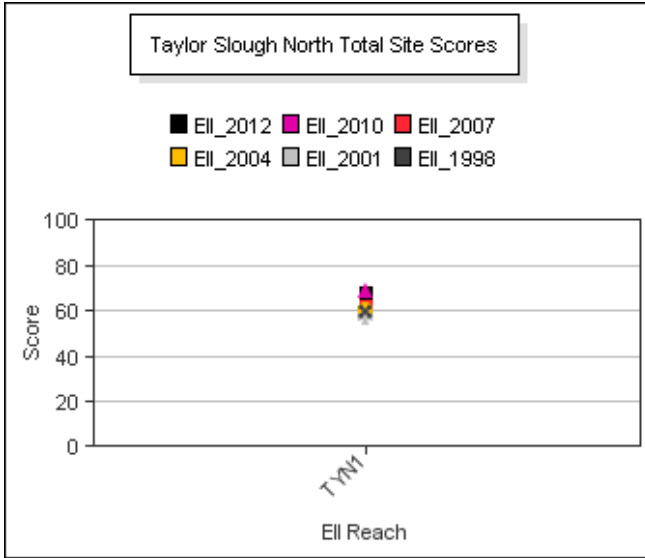
Data Summary Graphs – Total Suspended Solids and Turbidity (Downstream to Upstream by Year)





# Taylor Slough North Watershed

## Score Summary – Reach scores for each sample year



# Taylor Slough North Watershed

## Site Photographs



177\_t00-us-05\_17\_2004



177\_t00-ds-05\_17\_2004



177\_t00-ur-05\_17\_2004



1091\_t00-ur-05\_17\_2004



1091\_t00-us-05\_17\_2004

# Taylor Slough North Watershed

## Site Photographs



3969\_ds\_06\_18\_2007



3969\_ur\_06\_18\_2007



3969\_us\_06\_18\_2007



3969\_00-us-05\_17\_2010



3969\_00-ur-05\_17\_2010



3969\_00-ds-05\_17\_2010

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