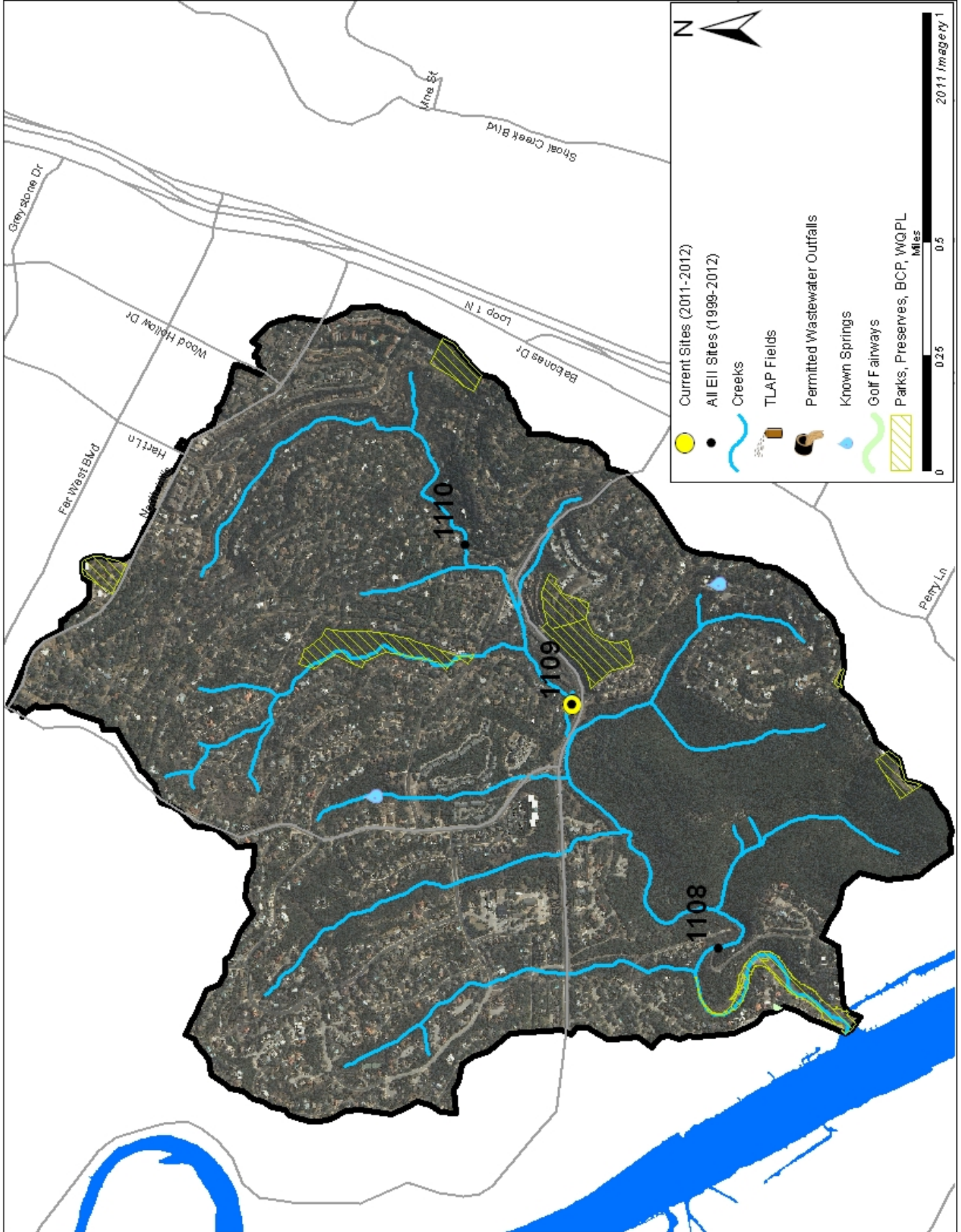


Dry Creek Watershed

Aerial Map



Dry Creek Watershed

Water Quality Data – Temperature, Conductivity, pH, Dissolved Oxygen & E. coli for 2016 Sample Sites (Downstream to Upstream)

Qualifiers to the left of the value	>	Greater than	Qualifiers to the right of the value	(blank)	Useable
	<	Less than		S	Exceeds standard range
	<J	Less than detected limit		R	Rejected, failed QC
	J	Estimated			

Watershed	Site	EII Reach	Date	<> Temp. flag	<> Cond. flag	<> pH flag	<> D.O. flag	< E. Coli flag
Dry North	1108	DRN1	01/12/2016	9.1	737	7.90	10.6	28.5
Dry North	1108	DRN1	04/12/2016	17.8	746	7.57	5.7	23.1
Dry North	1108	DRN1	06/22/2016	25.0	718	7.55	4.7	
Dry North	1108	DRN1	07/12/2016	25.3	692	7.84	5.8	42.6
Dry North	1108	DRN1	09/13/2016	25.0	714	7.58	5.3	49.5
DRN1 Mean				20.4	722	7.69	6.4	35.9
Dry North Mean				20.4	722	7.69	6.4	35.9

Gray highlighting indicates that the value exceeds one standard deviation from the mean of all E.I.I. sites combined.

Summary Statistics for all 2015-2016 E.I.I. Sites Combined					
Parameter	2015-2016 Average	2015-2016 Minimum	2015-2016 Maximum	1 Standard Deviation Above	1 Standard Deviation Below
Temperature (C°)	20.7	5.8	34.2	27.5	
Conductivity (uS/cm)	722	160	3549	955	
pH (Standard units)	7.86	5.85	10.25	8.24	7.47
D.O. (mg/l)	7.9	0.1	18.7	10.4	5.5
E. Coli (col/100ml)	316.1	1.0	2420.0	883.7	

Dry Creek Watershed

Water Quality Data – Ammonia, Nitrate / Nitrite, Ortho-Phosphorus, Total Suspended Solids & Turbidity for 2016 Sample Sites (Downstream to Upstream)

Qualifiers to the left of the value	>	Greater than	Qualifiers to the right of the value	(blank)	Useable
	<	Less than		S	Exceeds standard range
	<J	Less than detected limit		R	Rejected, failed QC
	J	Estimated			

Watershed	Site	EII Reach	Date	NH3-N		NO3/NO2		Ortho-P		T.S.S		Turb.		
				<>	flag	<>	flag	<>	flag	<>	flag	<>	flag	
Dry North	1108	DRN1	01/12/2016	<J	0.008		0.77	<J	0.004	<J	1.0		0.6	R
Dry North	1108	DRN1	04/12/2016	<J	0.008		0.01	<J	0.004	<J	1.1		0.2	
Dry North	1108	DRN1	06/22/2016											
Dry North	1108	DRN1	07/12/2016	<J	0.008		0.04	<J	0.004	<J	1.0		1.5	R
Dry North	1108	DRN1	09/13/2016	<J	0.008		0.01	<J	0.004	<J	1.0		1.1	
DRN1 Mean					0.008		0.20		0.004		1.0		0.8	
Dry North Mean					0.008		0.20		0.004		1.0		0.8	

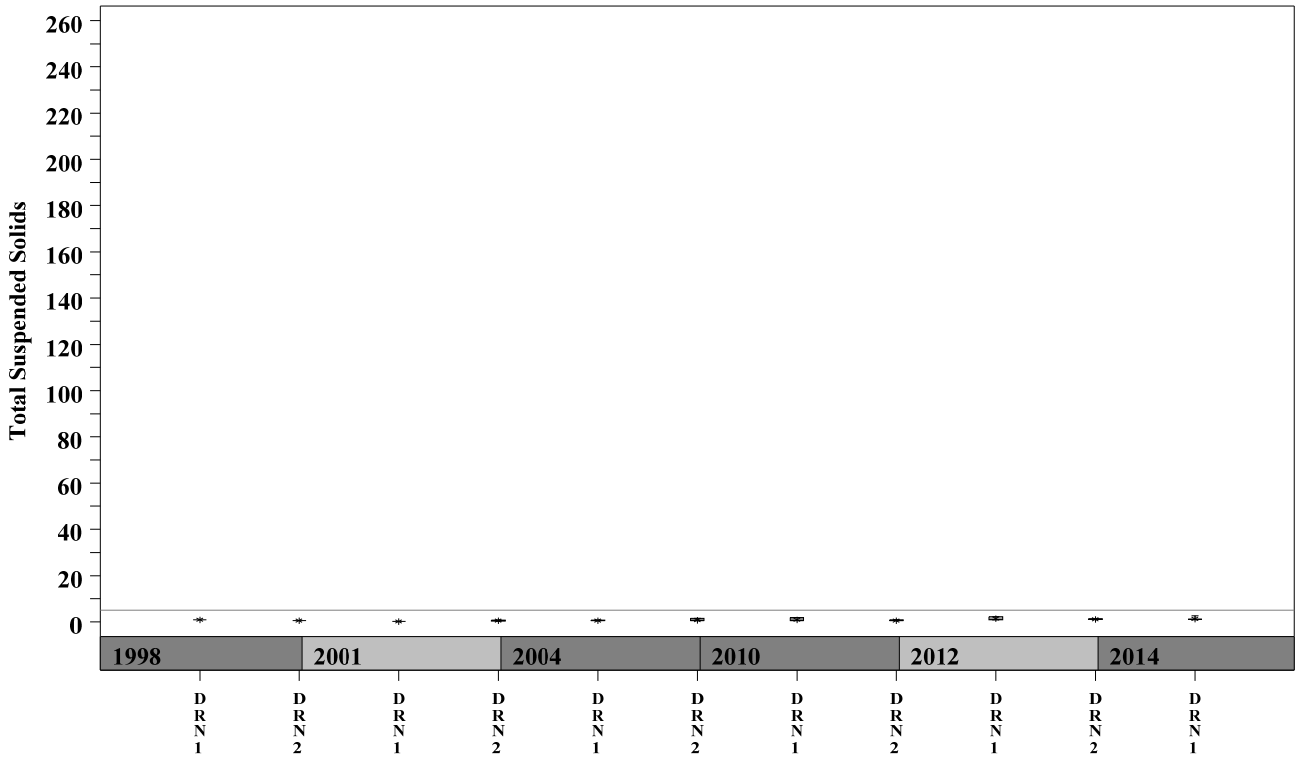
Gray highlighting indicates that the value exceeds one standard deviation from the mean of all E.I.I. sites combined.

Summary Statistics for all 2015-2016 E.I.I. Sites Combined				
Parameter	2015-2016 Average	2015-2016 Minimum	2015-2016 Maximum	1 Standard Deviation Above
NH3-N (mg/l)	0.018	0.008	0.881	0.085
NO3-N (mg/l)	1.14	0.01	12.0	3.16
Ortho-P (mg/l)	0.016	0.004	0.661	0.08
T.S.S. (mg/l)	3.7	1.0	58.2	9.7
Turbidity (NTU)	4.4	0.2	98.6	11.7

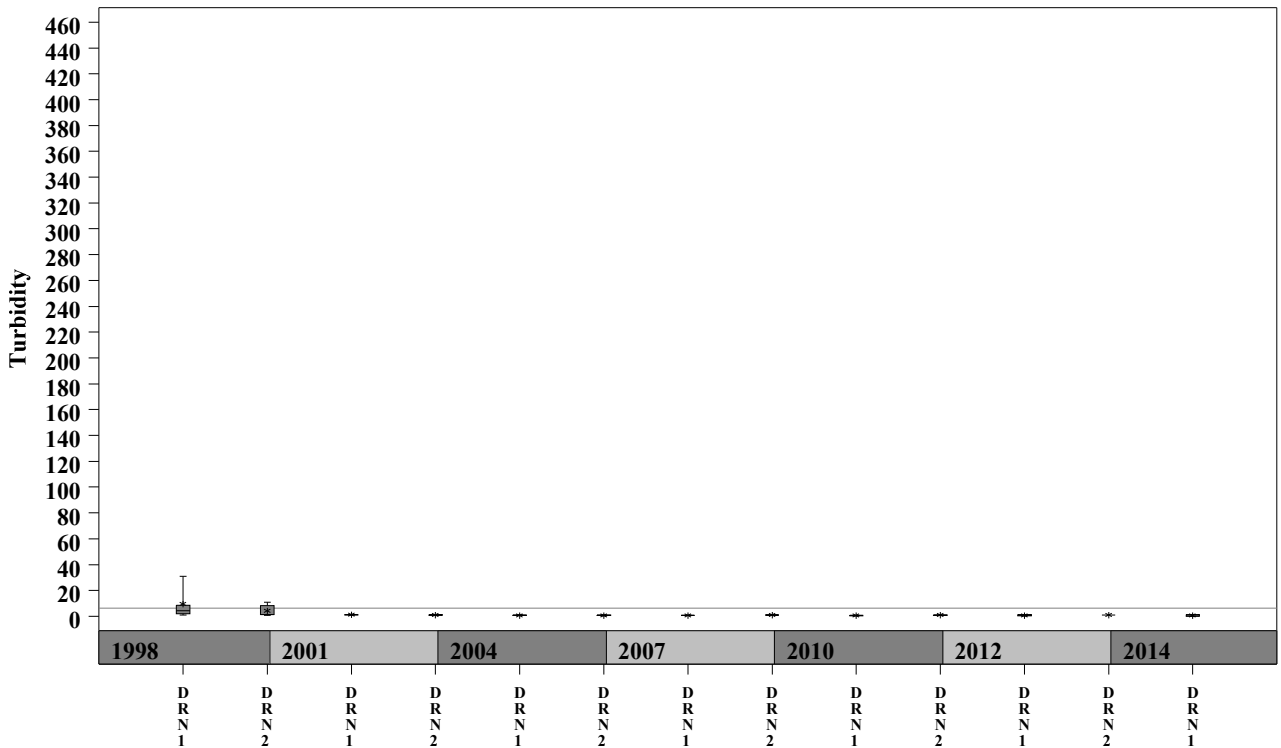
Dry Creek Watershed

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

Parameter=TOTAL SUSPENDED SOLIDS Unit=mg/L Watershed=Dry North



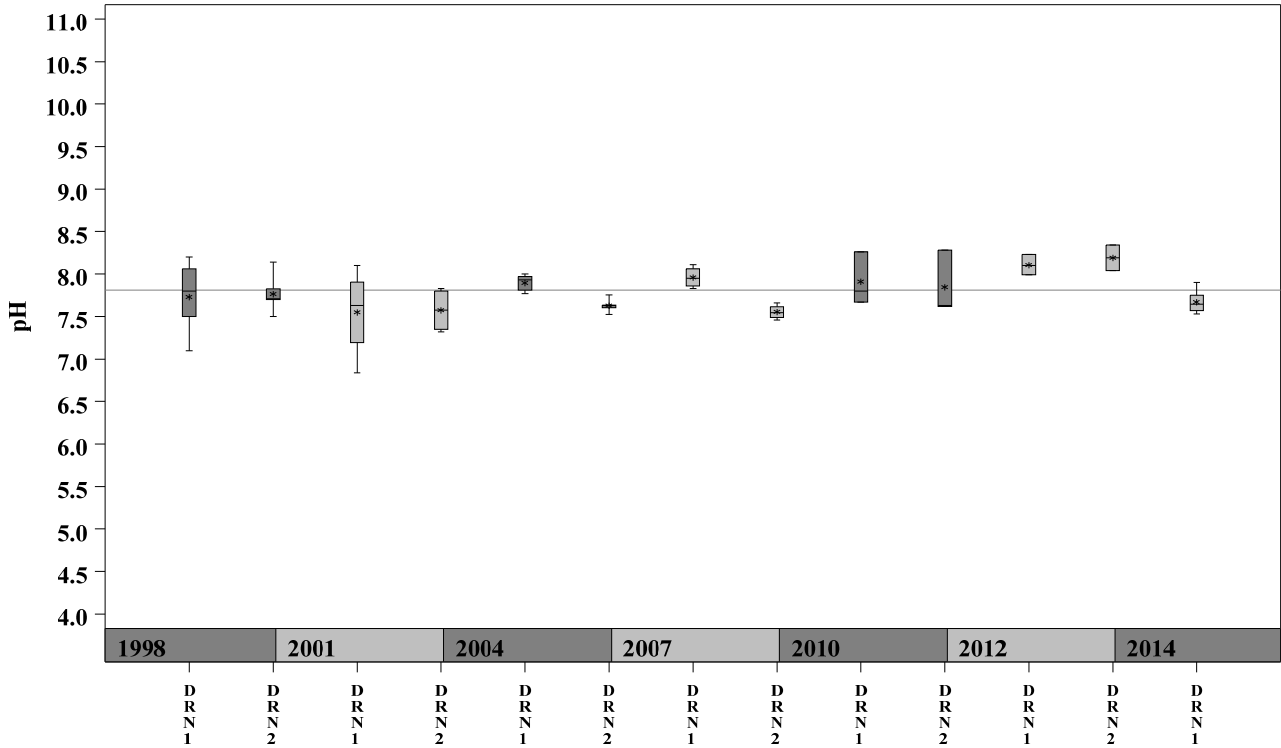
Parameter=TURBIDITY Unit=NTU Watershed=Dry North



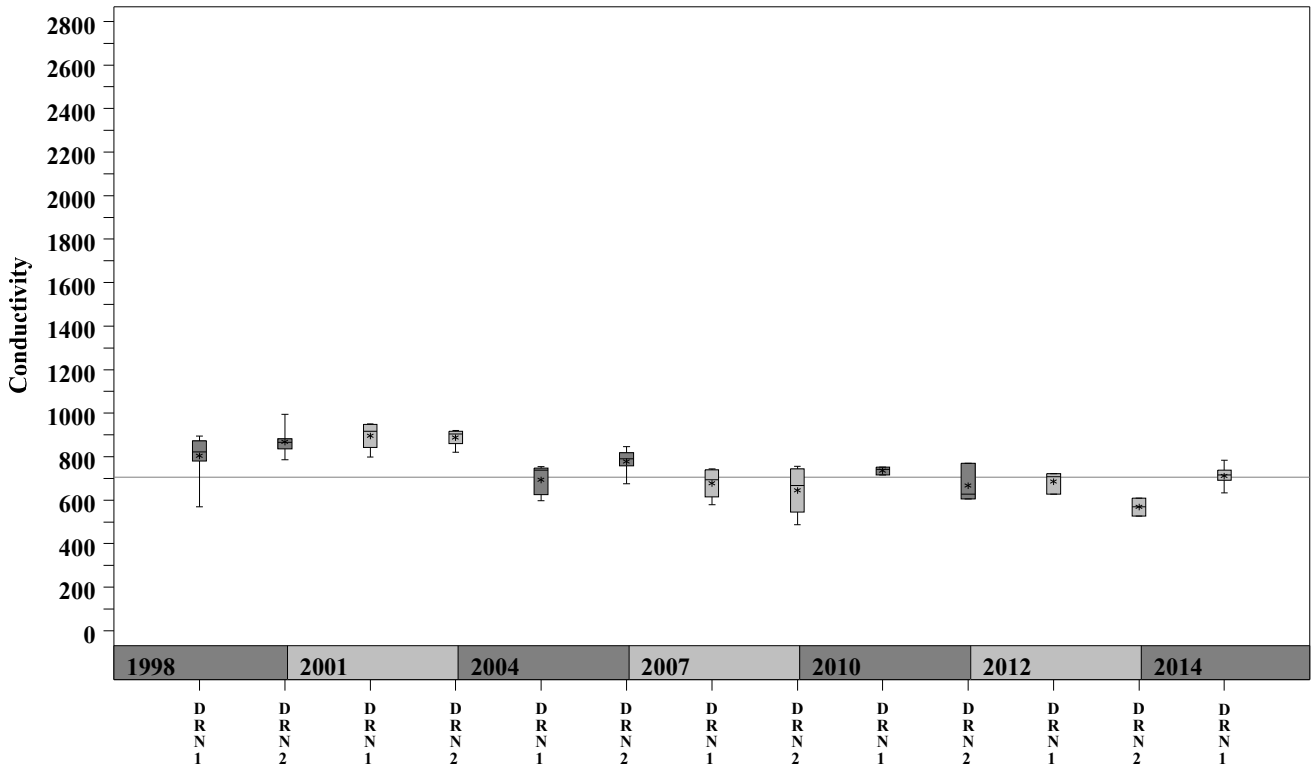
Dry Creek Watershed

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

Parameter = pH Unit = Standard Units Watershed = Dry North



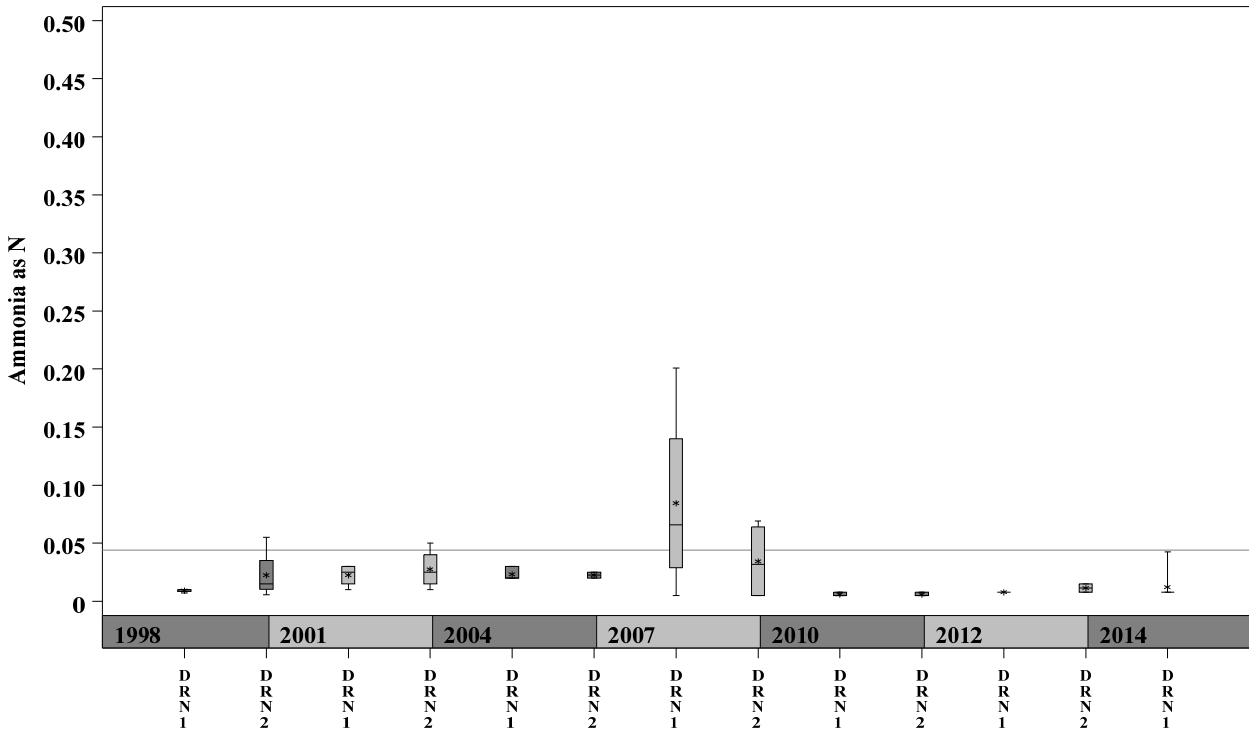
Parameter = CONDUCTIVITY Unit = uS/cm Watershed = Dry North



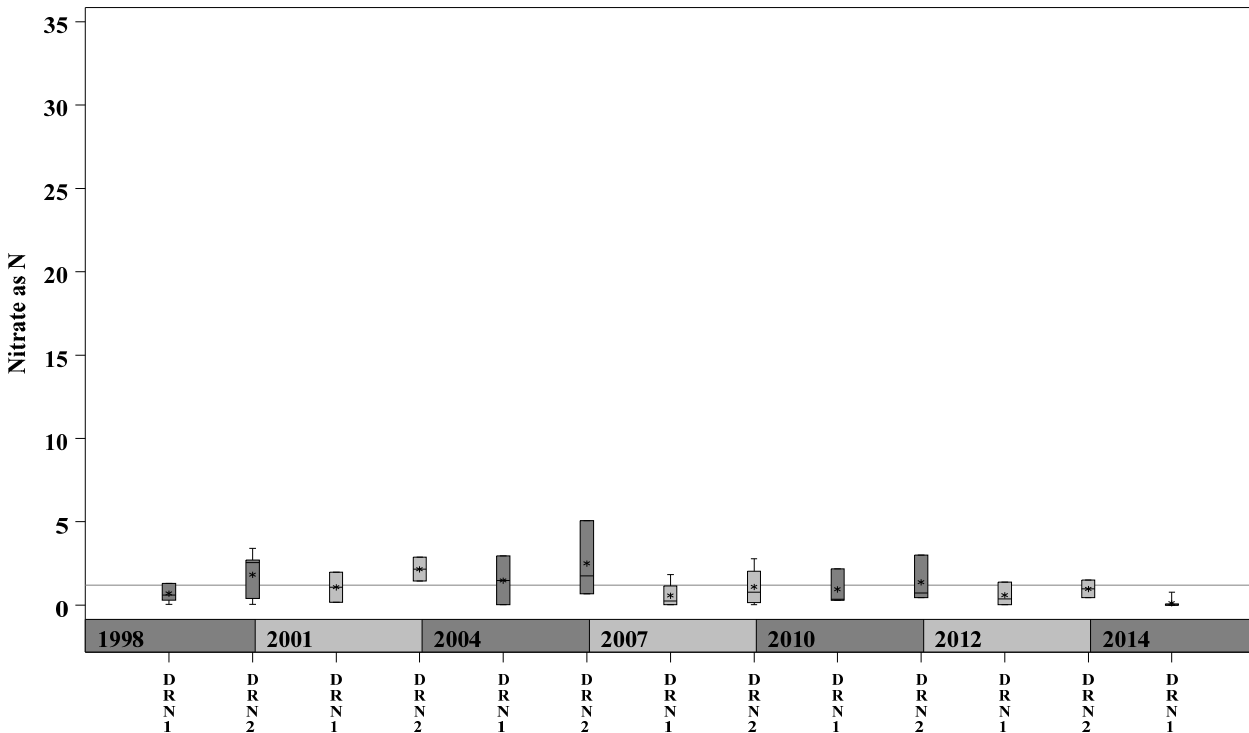
Dry Creek Watershed

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

Parameter = AMMONIA AS N Unit = mg/L Watershed = Dry North



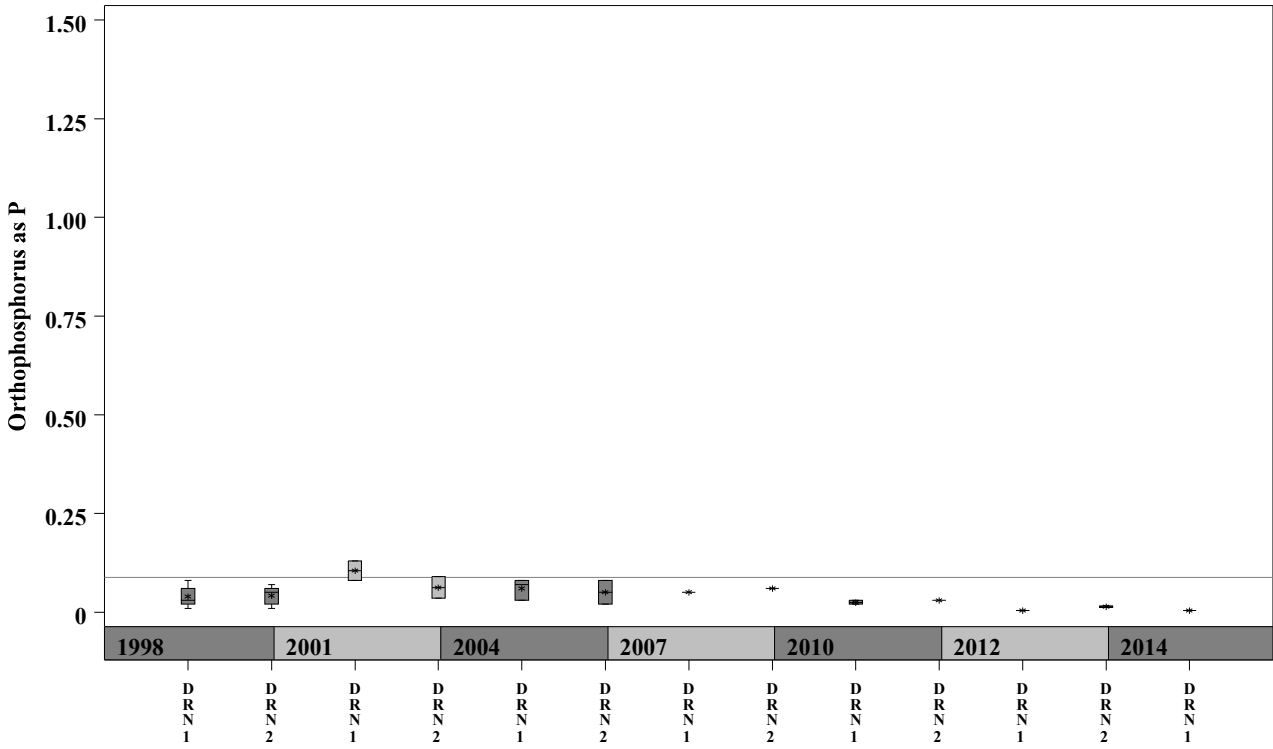
Parameter = NITRATE AS N Unit = mg/L Watershed = Dry North



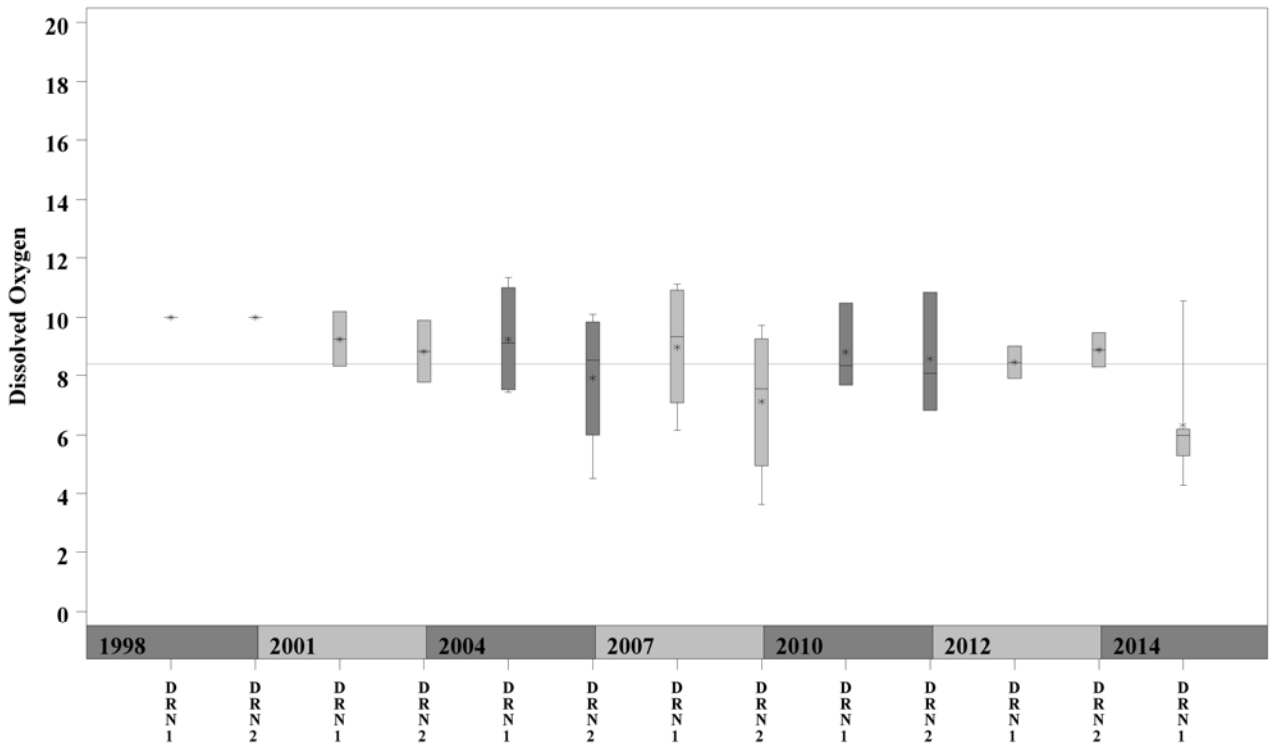
Dry Creek Watershed

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

Parameter= ORTHOPHOSPHORUS AS P Unit=mg/L Watershed= Dry North



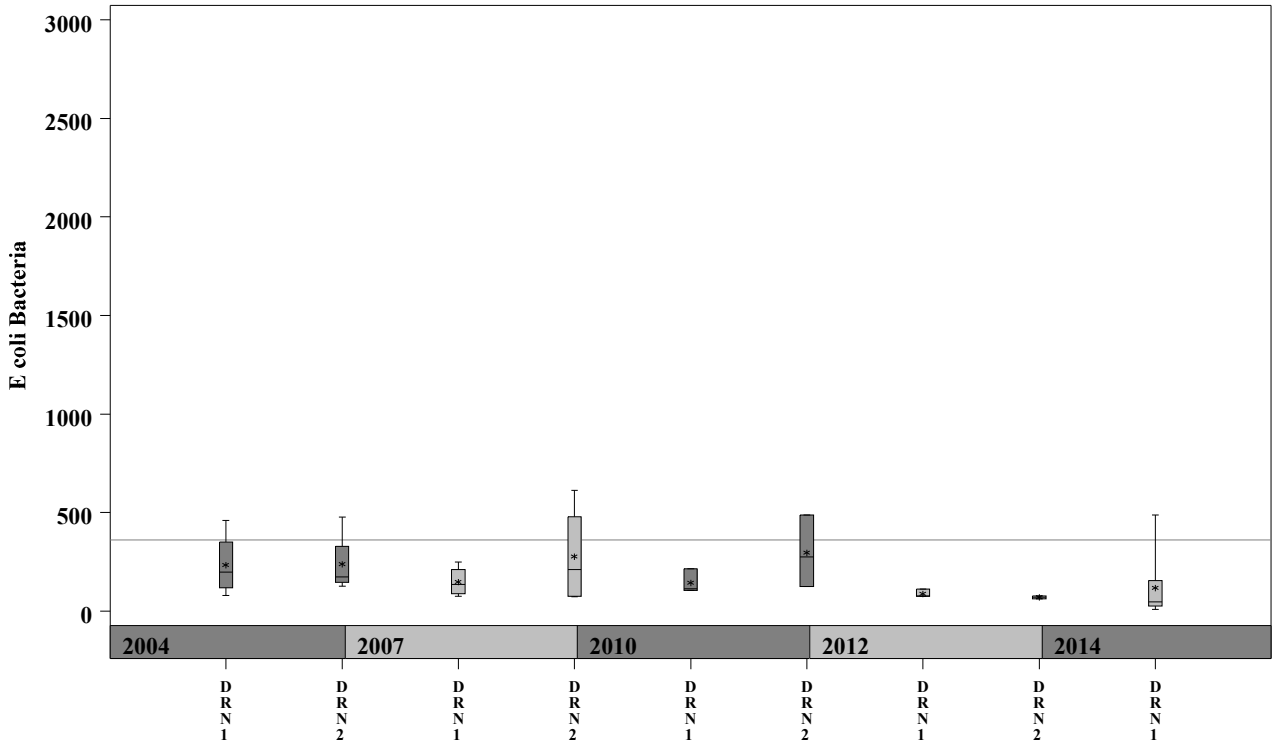
Parameter= DISSOLVED OXYGEN Unit= mg/L Watershed= Dry North



Dry Creek Watershed

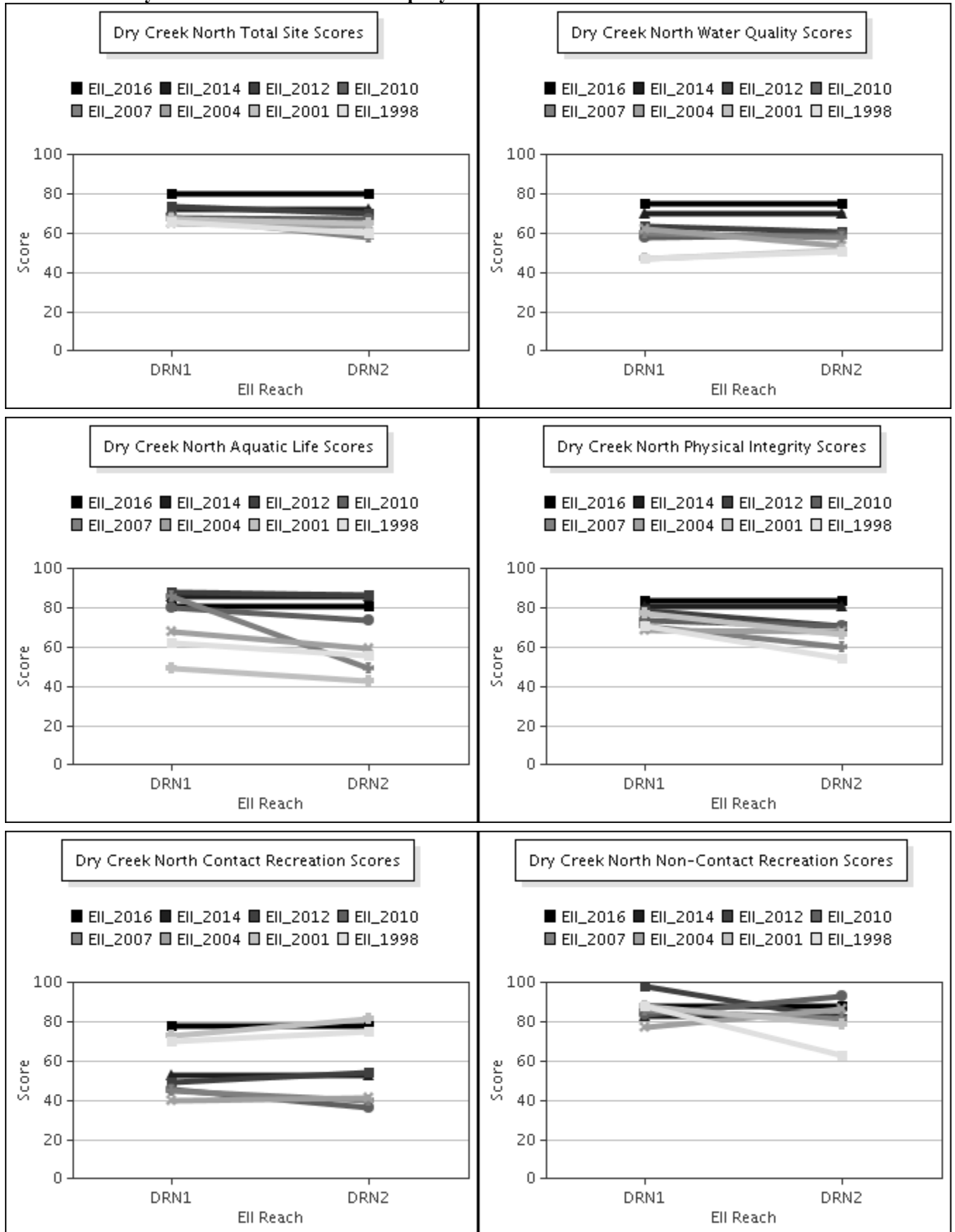
Data Summary Graphs – *E.coli* (Downstream to Upstream by Year)

Parameter=E COLI BACTERIA Unit=MPN/100mL Watershed=Dry North



Dry Creek Watershed

Score Summary – Reach scores for each sample year



Dry Creek Watershed

Benthic Macroinvertebrates – Taxa List, Pollution Tolerance Index & Functional Feeding Group for 2016 Sample Sites (Downstream to Upstream)

Benthic Macroinvertebrates - Dry Creek North			DRN @ Mt Bonnel Rd (1108) 06/22/2016 (WRE)
Benthic Macroinvertebrate ID	PTI	FFG	
Chimarra	2	FC	52
Helicopsyche	2	SC	1
Camelobaetidium	4	CG	2
Fallceon	4	CG,SC	27
Psephenus	4	SC	1
Simulium	4	FC	16
Argia	6	P	68
Cheumatopsyche	6	FC	73
Chironomidae	6	FC,P	9
Hemerodromia	6	CG,P	2
Hydracarina	6		2
Rhagovelia	6	P	2
Stenelmis	7	CG,SC	9
Caloparyphus/Euparyphus	8	CG,SC	2
Oligochaeta	8	CG	3
Physella	9	SC	1
Dugesia		CG,P	6

Dry Creek Watershed

Site Photographs



1110_t00-us-05_17_2004



1110_t00-ds-05_17_2004



1109_t00-us-05_17_2004



1109_t00-ds-05_17_2004



1109_ur_06_18_2007



1109_ds_06_18_2007

Dry Creek Watershed

Site Photographs



1108_t00-ds-05_17_2004



1108_t00-us-05_17_2004



1108_ds_06_18_2007



1108_ur_06_18_2007



1108_00-ds-05_17_2010



1108_00-us-05_17_2010