

TARRANT REGIONAL WATER DISTRICT				
2015/2016 PARAMETER LIST				
Reservoirs	Res. Intakes			
General	Additional	Tributaries	WWTP	Rainfall
TSS	Sulfate	TSS	CBOD ₅ ✓	TSS
VSS	Calcium	VSS	TSS	NH ₃ -N
TDS	Magnesium	NH ₃ -N	VSS	NO ₃ +NO ₂ -N
NH ₃ -N	Sodium	NO ₃ +NO ₂ -N	NH ₃ -N ✓	TKN
NO ₃ +NO ₂ -N	Potassium	TKN	NO ₃ +NO ₂ -N	TP-P
TKN	Total Arsenic	TP-P	TKN	DOPO ₄ -P
TP-P	Bromide	DOPO ₄ -P	TP-P ✓	TDS
DOPO ₄ -P	Fe Total	Chlorides	DOPO ₄ -P	Chlorides
Chlorides	Mn Total	<i>E. coli</i>	Chlorides	
<i>E. coli</i>	Algae Count ✓	TOC	<i>E. coli</i>	
Chl'a'	Algae Biovolume ✓	Total Arsenic	TOC	
TOC	Silica Total			
DOC	Silica Dissolved			
Alkalinity	Metals Blank ¹			
TOC/DOC Blank ¹				
TRV Tribs	4th/Beach St.	Field Parameters	Special	Wetlands
TSS	TKN	Temperature ✓✓	<i>E. coli</i> /Turbidity	TSS ✓
VSS	NH ₃ -N	pH ✓	Atrazine	VSS ✓
TDS	NO ₃ +NO ₂ -N	Dissolved Oxygen ✓✓	Cyanobacteria Toxins	NH ₃ -N ✓
NH ₃ -N	TP-P	Spec. Conductivity ✓	Crypto/Giardia	NO ₂ -N ✓
NO ₃ +NO ₂ -N	DOPO ₄ -P		Quarterly Virus	NO ₃ -N ✓
TKN	Sulfate		Zebra Mussels	TKN ✓
TP-P	Chlorides		Geosmin / MIB / Turb.	TP-P ✓
DOPO ₄ -P	<i>E. coli</i>			DOPO ₄ -P ✓
Chlorides	Chl'a'			Chlorides ✓
<i>E. coli</i>	Cd dissolved			Chl'a' ✓
Chl'a'	Cr Dissolved			TOC
TOC	Pb Dissolved			DOC
DOC	Arsenic Dissolved			Atrazine
Algae Count ✓	Metals Blank ¹			% Soil Moisture
Algae Biovolume ✓				Soil TP
CBOD ₅				
Silica Total				
Silica Dissolved				
Dissolved TP				
Dissolved TKN				
Key: Red - Water Quality Inventory (CWA)		Purple - Modeling/Special Studies		Green - Wetland Performance
Blue - Water Treatment Plants (SDWA)		Orange - TPDES Permit Compliance		Black - Sedimentation Rates

The red indicate tests that are used to evaluate the reservoirs and river against the Clean Water Act. Blue parameters are more important to water treatment plant operations governed by the Safe Drinking Water Act. Purple are used in water quality model development. Orange help evaluate the efficiency and permit compliance of wastewater plants. Green is used for Wetland performance analysis and black is used for reservoir sedimentation estimates.