

***Appendix E-
Identification of Water Quality
Improvement, Degradation, and
Progress Toward Measured
Reduction of Pollutants and
Representative Monitoring Data***

**APPENDIX E: IDENTIFICATION OF WATER QUALITY IMPROVEMENT, DEGRADATION, AND PROGRESS
TOWARD MEASURED REDUCTION OF POLLUTANTS**

See MCM 8, "Monitoring, Evaluation, and Reporting."

See tables E-6a, E-6b, and E-7 below.

Water quality improvements and degradation have been assessed according to measurable goals established in the SWMP created as part of the City's TPDES permit requirements.

The water quality sampling and analyses that was used to support the rapid bio assessment protocols (RBP) analyses, uses basic indicator chemicals such as pH and Chemical Oxygen Demand, to determine an overall assessment of watershed health. Because the RBP program involves regular data collection from representative watersheds within the MS4 each year, an evaluation of the trends of these analytes can be used to assess water quality improvements, degradations, and progress.

Table E-1 provides a summary of water quality trends. This table compares average values aggregated from water quality sampling sites across the MS4. The dataset supporting the Assessment in Table E-1 includes values from PY1 to PY8 of the prior permit term (February 2011 to September 2019) and PY1 of this permit year.

Additional information on water quality trends can be found in MCM 8, "Monitoring, Evaluation, and Reporting".

Table E-1: Water Quality Trends

Water Quality Parameter	Average, Last Permit Term	PY1	PY2	PY3	PY4	PY5	Assessment
Dissolved Oxygen (mg/L)	7.3	7.27					No significant change
Temperature (C)	24.7	22.8					No significant change
Conductivity (µS/cm)	620	698					No significant change
Total Suspended Solids (TSS)	18.2	17.41					No significant change
Iron (mg/L)	0.42	0.3					No significant change
pH	7.82	7.83					No significant change
Phosphorus (mg/L)	0.20	0.101					No significant change
Chemical Oxygen Demand (mg/L)	29.2	17.8					No significant change
Ammonia (mg/L)	0.20	0.222					No significant change
E. coli (MPN)	194	400.6					Slight Degradation

NOTE: Chemical Oxygen Demand was not assessed in PY1; the City used 3 contract laboratories during the year, each with different quantitation limits, making the data difficult to evaluate.

APPENDIX E – REPRESENTATIVE MONITORING DATA

As required by Part IV.C.4.h of the TPDES Permit No. WQ0004396000, this Annual Report includes representative monitoring data and a summary of the data collected over the reporting period. Data accumulated during the reporting period is summarized in this Appendix. As described in MCM 8, “Monitoring, Evaluation and Reporting”, water quality samples are obtained as a part of several ongoing City programs, including the dry weather program, local and regional wet weather programs and the rapid bioassessment protocol (RBP) program. Analytes sampled for vary by program and include, but are not limited to:

- Total suspended solids (TSS)
- Turbidity
- pH
- Temperature
- Arsenic
- Iron
- Copper
- Lead
- Zinc
- Cadmium
- Sulfate
- Nitrite/ Nitrate
- Ammonia
- Dissolved Oxygen
- Oil & Grease
- Total Petroleum Hydrocarbons (TPH – as needed)
- Total Dissolved Solids (TDS)
- Total Chlorine
- Total Phosphorous
- Chemical Oxygen Demand (COD)
- Biochemical Oxygen Demand (BOD)
- Surfactants
- *E. coli* bacteria
- Total Coliform bacteria
- Orthophosphate
- Temperature and hardness
- Specific conductance
- Temperature
- Hardness

See the tables that begin on page E-5.

Dry Weather Screening Program

See MCM 8 “Monitoring, Evaluating, and Reporting” table 8-2.

Wet Weather Screening

See MCM 8 “Monitoring, Evaluating, and Reporting” table 8-3.

See tables E-2, E-2a, E-2b, E-2c, E-3, and E-3a below.

Rapid Bioassessment Protocol Program

See MCM 8 “Monitoring, Evaluating, and Reporting” figures 8-1 and 8-2 and tables 8-4 and 8-5.

See tables E-4, E-4a, E-5, E-6, E-6a, E-6b, E-6c, E-6d, E-6e, and E-7.

Table E-2 Wet Weather Data - Local Watershed Program

HUC Watershed	Sample ID	Collection Date	Temperature (°C)	pH	Nitrate + Nitrite (as N) (mg/L)	Nitrogen, Total Kjeldahl (mg/L)	Total Nitrogen (calculated)	Chemical Oxygen Demand (mg/L)	Biochemical Oxygen Demand (mg/L)	Total Phosphorus (as P) (mg/L)	Phosphorus, Dissolved (as p) mg/L
Upper Prairie Creek-Trinity River	PRAI3	01/29/2025	11.2	7.68	0.0482	1.18	1.23	<3.36	<2.40	0.0350	0.0180
		05/30/2025	22.8	7.86	0.412	0.672	1.08	9.00	4.09	0.181	0.143
Low Branch-Mountain Creek	JPB-LBMC1	02/11/2025	12.7	7.8	1.00	<0.0890	1.00	9.09	2.66	0.0290	0.0180
		05/30/2025	20.6	8.14	1.25	0.473	1.72	<8.48	<2.14	0.0160	<0.0143
Grapevine Creek – Elm Fork Trinity River	GC-EFTR1	01/29/2025	12.2	7.96	0.167	0.730	0.897	<3.36	<2.40	0.0240	0.0180
		04/30/2025	18.5	7.87	0.329	3.10	3.43	16.1	<3.00	0.112	0.0830
Bachman Branch – Elm Fork Trinity River	UBAC1	12/16/2024	18.8	7.94	0.379	1.41	1.79	25.0	9.83	0.184	0.0330
		04/30/2025	18.0	8.42	0.339	2.92	3.26	43.3	6.00	0.403	0.394
	LBAC1	11/03/2024	23.8	8.04	0.125	4.31	4.44	6.00	2.98	0.0940	0.081
		06/04/2025	26.5	8.01	<0.0391	1.41	1.41	25.0	<4.00	0.107	0.0780

Table E-2 (continued) Wet Weather Data - Local Watershed Program

HUC Watershed	Sample ID	Collection Date	E. Coli (MPN)	Total Coliform (MPN)	Oil & Grease (mg/L)	Total Suspended Solids (mg/L)	Total Dissolved Solids (mg/L)	Hardness (mg/L)
Upper Prairie Creek – Trinity River	PRAI3	01/29/2025	20	>2400	2.47	16	354	188
		05/30/2025	>2400	>2400	1.45	37	196	98.5
Low Branch-Mountain Creek	JPB-LBMC1	02/11/2025	1700	>2400	1.62	93	429	351
		05/30/2025	99	>2400	2.10	5	489	360
Grapevine Creek – Elm Fork Trinity River	GC-EFTR1	01/29/2025	490	>2400	1.72	63	714	339
		04/30/2025	>2400	>2400	<1.26	125	133	83.2
Bachman Branch – Elm fork Trinity River	UBAC1	12/16/2024	>2400	>2400	<1.28	62	248	192
		4/30/2025	>2400	>2400	<1.31	543	105	143
	LBAC1	11/03/2024	580	>2400	1.41	47	342	153
		06/04/2025	370	>2400	1.41	23	214	120

Table E-2 (continued) Wet Weather Data - Local Watershed Program

HUC Watershed	Sample ID	Collection Date	Arsenic (mg/L)	Cadmium (mg/L)	Chromium (mg/L)	Copper (mg/L)	Lead (mg/L)	Zinc (mg/L)
Upper Prairie Creek-Trinity River	PRAI3	01/29/2025	<0.000929	<0.000258	<0.000890	0.00375	<0.000369	0.00810
		05/30/2025	0.00154	<0.000258	<0.000890	0.0392	0.00137	0.0173
Low Branch – Mountain Creek	JPB-LBMC1	02/11/2025	0.000966	<0.000258	0.00104	0.0556	0.000811	0.0183
		05/30/2025	<0.000929	0.000325	<0.000890	0.0270	<0.000369	0.000421
Grapevine Creek – Elm Fork Trinity River	GC-EFTR1	01/29/2025	<0.000929	<0.000258	0.000891	0.0206	<0.000369	0.00500
		04/30/2025	0.00105	<0.000258	0.0563	0.0284	0.00145	0.0176
Bachman Branch – Elm Fork Trinity River	UBAC1	12/16/2024	0.00190	0.00122	0.00462	0.0320	0.00659	0.0602
		04/30/2025	0.00191	<0.000258	0.0125	0.0125	0.00529	0.0296
	LBAC1	11/03/2024	0.00141	0.000594	0.00124	0.00688	0.00153	0.00802
		06/04/2025	0.00271	<0.000258	<0.000890	0.0218	0.00171	0.0482

Table E-2a Pesticides Wet Weather Data - Local Watershed Program			
HUC Watershed	Sample ID	Collection Date	Atrazine (µg/L)
Upper Prairie Creek- Trinity River	PRAI3	01/29/2025	<1.48
		05/30/2025	<6.00
Low Branch – Mountain Creek	JPB-LBMC1	02/11/2025	<1.45
		05/30/2025	<1.45
Grapevine Creek – Elm Fork Trinity River	GC-EFTR1	01/29/2025	<1.45
		04/30/2025	<7.50
Bachman Branch – Elm Fork Trinity River	UBAC1	12/16/2024	0.565
		04/30/2025	<15.0
	LBAC1	11/03/2024	<0.290
		06/04/2025	<1.51

Table E-2b Wet Weather Data – MS4 Permit Representative Outfalls

HUC Watershed	Sample ID	Collection Date	Temperature (°C)6.12	pH	Nitrate + Nitrite (as N) (mg/L)	Nitrogen, Total Kjeldahl (mg/L)	Total Nitrogen (calculated)	Chemical Oxygen Demand (mg/L)	Biochemical Oxygen Demand (mg/L)	Total Phosphorus (as P) (mg/L)	Phosphorus, Dissolved (as p) mg/L
Five Mile Creek-Trinity River	Outfall 001	11/17/2024	23.5	7.78	0.351	1.95	2.30	41.0	19.5	0.319	0.252
		04/30/2025	19.5	8.27	0.296	1.14	1.44	<3.36	4.52	0.140	0.131
+Floyd Branch-White Rock Creek	Outfall 002	12/16/2024	20.0	8.20	0.407	5.91	6.32	15.0	6.95	0.122	0.0220
		04/30/2025	17.4	8.97	0.199	0.636	0.835	<3.36	<3.00	0.0700	0.0510
Turtle Creek-Trinity River	Outfall 003	11/03/2024	26.8	7.52	0.932	4.65	5.58	54.0	11.9	0.158	0.156
		04/19/2025	21.3	7.75	0.853	<0.089	0.853	59	<120	0.042	0.133
Headwaters Turtle Creek	Outfall 004	11/17/2024	23.2	7.12	0.327	1.29	1.62	26.0	14.6	0.251	0.227
		04/19/2025	21.1	7.83	1.77	77.3	79.1	172	65.3	0.546	0.773

Table E-2b (continued) Wet Weather Data – MS4 Permit Representative Outfalls

HUC Watershed	Sample ID	Collection Date	E. Coli (MPN)	Total Coliform (MPN)	Oil & Grease (mg/L)	Total Suspended Solids (mg/L)	Total Dissolved Solids (mg/L)	Hardness (mg/L)
Five Mile Creek-Trinity River	Outfall 001	11/17/2024	>2400	>2400	2.24	78	85.5	40.9
		04/30/2025	>2400	>2400	1.57	154	53.5	94.1
Floyd Branch-White Rock Creek	Outfall 002	12/16/2024	>2400	>2400	<1.44	162	101	94.8
		04/30/2025	>2400	>2400	<1.36	131	54.5	130
Turtle Creek-Trinity River	Outfall 003	11/03/2024	>2400	>2400	<1.24	15	270	119
		04/19/2025	>2400	>2400	<1.34	93	97.5	62
Headwaters Turtle Creek	Outfall 004	11/17/2024	610	>2400	1.60	76	89.5	33.2
		04/19/2025	>2400	>2400	1.63	92	255	112

Table E-2b (continued) Wet Weather Data – TCEQ Permitted Outfalls

HUC Watershed	Sample ID	Collection Date	Arsenic (mg/L)	Cadmium (mg/L)	Chromium (mg/L)	Copper (mg/L)	Lead (mg/L)	Zinc (mg/L)
Five Mile Creek-Trinity River	Outfall 001	11/17/2024	<0.000929	<0.000258	0.00141	0.00628	0.00174	0.0258
		04/30/2025	<0.000929	<0.000258	0.00256	0.00476	0.00519	0.0272
Floyd Branch-White Rock Creek	Outfall 002	12/16/2024	0.000956	0.00137	0.00505	0.0100	0.00326	0.0539
		04/30/2025	<0.000929	<0.000258	0.00368	0.00271	0.00127	0.0131
Turtle Creek-Trinity River	Outfall 003	11/03/2024	0.00210	<0.000258	0.00111	0.0170	0.000769	0.0133
		04/19/2025	0.00172	0.000558	0.004488	0.0214	0.0118	0.194
Headwaters Turtle Creek	Outfall 004	11/17/2024	0.00119	<0.000258	0.00157	0.00717	0.00336	0.0375
		04/19/2025	0.00152	0.00372	0.0052	0.0558	0.00627	0.141

Table E-2c Pesticides Wet Weather Data – TCEQ Permitted Outfalls			
HUC Watershed	Sample ID	Collection Date	Atrazine (µg/L)
Five Mile Creek-Trinity River	Outfall 001	11/17/2024	<0.287
		04/30/2025	<7.50
Floyd Branch-White Rock Creek	Outfall 002	12/16/2024	<0.291
		04/30/2025	<7.50
Turtle Creek-Trinity River	Outfall 003	11/03/2024	<0.280
		04/19/2025	1.49
Headwaters Turtle Creek	Outfall 004	11/17/2024	<0.280
		04/19/2025	1.90

Table E-3 Wet Weather Data - Regional Watershed Program

HUC Watershed	Sample ID	Collection Date	Water Temperature (°C)	Total Suspended Solids (mg/L)	Total Dissolved Solids (mg/L)	Nitrogen Total (mg/L)	Nitrate Nitrogen (mg/L)	Ammonia (mg/L)	Total Phosphorus (mg/L)	Dissolved Phosphorus (mg/L)	Orthro-Phosphorus (mg/L)	Chemical Oxygen Demand (mg/L)	Biochemical Oxygen Demand (mg/L)
White Rock Creek-White Rock Lake	WRC-100	02/11/2025	7.61	343	3.48	0.00126	<0.00089	0.0185	0.00125	0.0192	>2400	100	7.61
		04/02/2025	6.97	419	2.16	0.00163	<0.00089	0.00259	0.00063	0.0114	>2400	110	6.97
		08/03/2025	7.73	394	<1.33	0.00344	<0.000890	0.00310	0.000545	0.00950	>2400	>2400	7.73
	WRC-200	02/11/2025	7.70	389	2.32	0.00129	0.00117	0.0092	0.00264	0.0176	>2400	>2400	7.70
		04/02/2025	7.95	482	1.56	0.00199	0.00263	0.00333	0.00229	0.00804	>2400	980	7.95
		08/03/2025	7.20	361	6.03	0.00333	0.00114	0.00660	0.00162	0.0136	>2400	>2400	7.20
	WRC-300	02/11/2025	7.58	397	2.54	0.00108	<0.00089	0.0478	0.000462	0.00587	>2400	130	7.58
		04/02/2025	7.93	448	1.42	0.00162	<0.00089	0.00432	0.000793	0.00319	>2400	230	7.93
		08/03/2025	7.89	428	<1.52	0.00249	<0.000890	0.00394	0.000432	0.0117	>2400	>2400	7.89
Five Mile Creek-Trinity River	FMC-100	01/29/2025	7.14	539	2.42	<0.000929	0.00197	0.110	<0.000369	0.00682	>2400	170	7.14
		04/19/2025	7.92	581	1.45	0.00126	0.000975	0.00371	0.00180	0.00849	>2400	820	7.92
		07/14/2025	7.97	468	<1.31	0.00134	0.000895	0.00383	0.00149	0.00881	>2400	1600	7.97
	FMC-200	01/29/2025	7.86	547	2.35	0.000978	0.00215	0.0259	<0.000369	0.00435	>2400	210	7.86
		04/19/2025	7.18	446	<1.31	0.00341	0.00114	0.00249	0.000645	0.00883	>2400	690	7.18
		07/14/2025	7.84	503	2.11	0.00187	<0.000890	0.00211	0.000574	0.00669	>2400	>2400	7.84
	FMC-300	01/29/2025	7.59	436	3.92	0.000971	0.00173	0.00289	0.000865	0.0286	>2400	1200	7.59
		04/19/2025	7.93	575	<1.31	0.00138	0.00446	0.00866	0.00484	0.0377	>2400	2400	7.93
		07/14/2025	8.12	495	<1.36	0.00222	0.00128	0.00358	0.00223	0.0123	>2400	>2400	8.12

Table E-3 (continued) Wet Weather Data - Regional Watershed Program

HUC Watershed	Sample ID	Collection Date	pH	Conductivity (µS/cm)	Oil & Grease (mg/L)	Arsenic Total (mg/L)	Chromium Total (mg/L)	Copper Total (mg/L)	Lead Total (mg/L)	Zinc total (mg/L)	Total Coliform (MPN/100 mg)	E. Coli (MPN/100 mg)
White Rock Creek-White Rock Lake	WRC-100	02/11/2025	7.61	343	3.48	0.00126	<0.00089	0.0185	0.00125	0.0192	>2400	100
		04/02/2025	6.97	419	2.16	0.00163	<0.00089	0.00259	0.00063	0.0114	>2400	110
		08/03/2025	7.73	394	<1.33	0.00344	<0.000890	0.00310	0.000545	0.00950	>2400	>2400
	WRC-200	02/11/2025	7.70	389	2.32	0.00129	0.00117	0.0092	0.00264	0.0176	>2400	>2400
		04/02/2025	7.95	482	1.56	0.00199	0.00263	0.00333	0.00229	0.00804	>2400	980
		08/03/2025	7.20	361	6.03	0.00333	0.00114	0.00660	0.00162	0.0136	>2400	>2400
	WRC-300	02/11/2025	7.58	397	2.54	0.00108	<0.00089	0.0478	0.000462	0.00587	>2400	130
		04/02/2025	7.93	448	1.42	0.00162	<0.00089	0.00432	0.000793	0.00319	>2400	230
		08/03/2025	7.89	428	<1.52	0.00249	<0.000890	0.00394	0.000432	0.0117	>2400	>2400
Five Mile Creek-Trinity River	FMC-100	01/29/2025	7.14	539	2.42	<0.000929	0.00197	0.110	<0.000369	0.00682	>2400	170
		04/19/2025	7.92	581	1.45	0.00126	0.000975	0.00371	0.00180	0.00849	>2400	820
		07/14/2025	7.97	468	<1.31	0.00134	0.000895	0.00383	0.00149	0.00881	>2400	1600
	FMC-200	01/29/2025	7.86	547	2.35	0.000978	0.00215	0.0259	<0.000369	0.00435	>2400	210
		04/19/2025	7.18	446	<1.31	0.00341	0.00114	0.00249	0.000645	0.00883	>2400	690
		07/14/2025	7.84	503	2.11	0.00187	<0.000890	0.00211	0.000574	0.00669	>2400	>2400
	FMC-300	01/29/2025	7.59	436	3.92	0.000971	0.00173	0.00289	0.000865	0.0286	>2400	1200
		04/19/2025	7.93	575	<1.31	0.00138	0.00446	0.00866	0.00484	0.0377	>2400	2400
		07/14/2025	8.12	495	<1.36	0.00222	0.00128	0.00358	0.00223	0.0123	>2400	>2400

Table E-3a Pesticides Wet Weather Data - Regional Watershed Program

HUC Watershed	Sample ID	Collection Date	Atrazine (ug/L)
White Rock Creek- White Rock Lake	WRC-100	02/11/2025	<1.60
		04/02/2025	<1.48
		08/03/2025	<1.49
	WRC-200	02/11/2025	<1.59
		04/02/2025	<1.49
		08/03/2025	<1.52
	WRC-300	02/11/2025	<1.50
		04/02/2025	<1.46
		08/03/2025	<1.50
Five Mile Creek- Trinity River	FMC-100	01/29/2025	<1.50
		04/19/2025	<1.48
		07/14/2025	<1.49
	FMC-200	01/29/2025	<1.50
		04/19/2025	9.95
		07/14/2025	<1.48
	FMC-300	01/29/2025	<1.47
		04/19/2025	1.58
		07/14/2025	<1.50

Table E-4 Reference Sites Used for Rapid Bioassessment Program		
	Site	Reference Site
	EPA ECOREGION 32	

Note: The City of Dallas has chosen to use Ecoregion 32 as a reference site, which is outlined in TCEQ's RG-416, Methods for Collecting and Analyzing Biological Assemblage and Habitat Data.

Table E-4a Rapid Bioassessment Protocol – Habitat Assessment Data 1

HUC Watershed	Sample ID	Collection Date	Habitat Score	Average Stream Depth (meters)	Average Stream Width (meters)	Channel Alteration	Channel Sinuosity	Embeddedness
Bachman Branch - Elm Fork Trinity River	JOES-1	4/9/25	77	0.2	12.1	11	0	6
	BAB-B	3/18/25	127	0.03	10.9	5	10	17
		7/21/25	98	0.3	11.1	2	3	16
	NWDA-1	3/18/25	124	0.2	14.6	12	2	18
RIB-A	3/18/25	81	0.1	1.8	13	8	10	
City of Dallas White Rock Creek	ASH-A	3/19/25	98	0.03	15.2	10	1	5
		7/23/25	128	0.03	10.4	12	5	2
Delaware Creek – West Fork Trinity River	MOC-A							
Farmers Branch - Elm Fork Trinity River	FARM-1	3/17/25	142	0.1	29.6	8	3	20
		7/21/25	134	0.2	31.5	8	2	3
Five Mile Creek – Trinity River	FIV-A							
	NEW-A	3/19/25	214	0.003	5.4	14	18	20
		7/21/25	119	0.1	6.4	10	10	13
	SEDA-1	4/9/25	115	0.1	2.1	12	8	7
7/22/25		97	0.03	2.1	5	9	7	
Floyd Branch - White Rock Creek	FLO-A	3/18/25	134	0.1	6.1	15	10	19
		7/21/25	184	0.1	7.0	20	10	20
	MCK-C	3/17/25	131	0.1	4.1	12	8	18
		7/21/25	129	0.1	2.4	15	16	11

Table E-4a (continued) Bioassessment Protocol – Habitat Assessment Data 1

HUC Watershed	Sample ID	Collection Date	Habitat Score	Average Stream Depth (meters)	Average Stream Width (meters)	Channel Alteration	Channel Sinuosity	Embeddedness
Headwaters Five Mile Creek	FIV-D	3/19/25	55	0.02	5.2	2	6	10
		7/22/25	81	0.08	5.5	4	10	6
Headwaters Ten Mile Creek	TEN-B	3/19/25	140	0.01	14	11	10	16
		7/21/25	164	0.3	7.9	16	15	18
	TEN-D	3/19/25	137	0.01	12.8	13	9	19
		7/21/25	139	0.1	12.8	13	10	13
Headwaters Turtle Creek	CEB-B	4/9/25	117	0.03	2.1	11	8	15
		7/23/25	126	0.06	2.1	10	8	16
	KNI-A	4/9/25	90	0.1	11.1	3	3	7
		7/23/25	128	0.1	11.9	10	9	10
	TRO-A	4/9/25	90	0.1	2.7	11	6	17
		7/22/25	65	0.05	2.7	6	3	0
	TUR-A	3/19/25	105	0.03	5.4	6	6	19
		7/23/25	177	0.3	3.7	17	13	14
Prairie Creek - Trinity River	PRA-A	3/19/25	139	0.003	6.7	15	11	14
		7/22/25	135	0.12	6.7	10	9	11
South Mesquite Creek	SMC-A	4/9/25	137	0.1	10.7	12	10	9
		7/21/25	169	0.1	10.1	12	15	10
	SMC-B	4/9/25	99	0.2	6.1	4	7	7
		7/21/25	146	0.2	4.0	10	10	16
	SMC-C	4/9/25	133	0.1	8.5	12	8	14
7/21/25		139	0.1	5.5	14	10	16	
Turtle Creek - Trinity River	CEDR-1	4/9/25	193	0.1	5.8	19	15	14
		7/23/25	136	0.2	8.2	11	11	5
	COO-A	3/18/25	127	0.01	7.0	10	10	6
		7/22/25	141	0.08	7.0	5	10	2
White Rock Creek - White Rock Lake	DIX-A	3/19/25	117	0.1	3.0	15	11	8
		7/21/25	171	0.2	4.6	17	14	13

Table E-4a (continued) Rapid Bioassessment Protocol – Habitat Assessment Data 1

HUC Watershed	Sample ID	Collection Date	Epifaunal Substrate / Available Cover	Frequency of Riffles	Left Bank Stability	Right Bank Stability	Left Bank Vegetative Protection	Right Bank Vegetative Protection	Pool Substrate Characterization
Bachman Branch - Elm Fork Trinity River	JOES-1	4/9/25	2	0	4	6	3	5	7
	BAB-B	3/18/25	9	14	5	3	8	8	11
		7/21/25	10	5	2	4	4	4	13
	NWDA-1	3/18/25	6	1	1	7	6	5	7
	RIB-A	3/18/25	10	8	1	1	1	1	6
City of Dallas White Rock Creek	ASH-A	3/19/25	5	1	8	8	3	3	10
		7/23/25	10	5	5	5	6	6	12
Delaware Creek – West Fork Trinity River	MOC-A								
Farmers Branch – Elm Fork Trinity River	FARM-1	3/17/25	6	2	10	10	10	10	2
		7/21/25	17	4	9	9	9	9	10
Five Mile Creek – Trinity River	FIV-A								
	NEW-A	3/19/25	17	12	8	7	8	8	13
		7/21/25	10	5	4	4	5	5	10
	SEDA-1	4/9/25	7	9	8	8	3	3	11
7/22/25		4	12	2	3	3	3	11	
Floyd Branch - White Rock Creek	FLO-A	3/18/25	10	10	5	2	7	7	2
		7/21/25	10	18	8	8	9	9	5
	MCK-C	3/17/25	8	6	7	4	4	4	5
		7/21/25	10	11	7	6	2	3	11

Table E-4a (continued) Rapid Bioassessment Protocol – Habitat Assessment Data 1

HUC Watershed	Sample ID	Collection Date	Epifaunal Substrate / Available Cover	Frequency of Riffles	Left Bank Stability	Right Bank Stability	Left Bank Vegetative Protection	Right Bank Vegetative Protection	Pool Substrate Characterization
Headwaters Five Mile Creek	FIV-D	3/19/25	2	4	1	1	2	2	4
		7/22/25	0	5	6	5	0	0	2
Headwaters Ten Mile Creek	TEN-B	3/19/25	16	16	4	2	8	7	5
		7/21/25	14	13	7	5	7	4	5
	TEN-D	3/19/25	10	17	5	6	3	5	3
		7/21/15	11	10	3	6	7	7	10
Headwaters Turtle Creek	CEB-B	4/9/25	7	9	7	7	2	2	11
		7/23/25	7	7	3	6	4	6	11
	KNI-A	4/9/25	4	5	3	6	2	4	8
		7/23/25	12	5	5	3	4	2	13
	TRO-A	4/9/25	4	1	2	2	4	4	4
		7/22/25	3	1	4	4	4	4	7
	TUR-A	3/19/25	7	0	9	8	6	6	7
		7/23/25	14	6	6	6	8	8	16
Prairie Creek - Trinity River	PRA-A	3/19/25	10	10	8	9	9	9	8
		7/22/25	10	10	4	3	5	5	13
South Mesquite Creek	SMC-A	4/9/25	11	10	7	4	5	3	11
		7/21/25	13	10	3	3	7	7	16
	SMC-B	4/9/25	9	5	4	2	6	3	12
		7/21/25	11	6	3	5	5	3	10
	SMC-C	4/9/25	12	7	5	2	6	3	15
		7/21/25	13	5	3	5	5	5	11
Turtle Creek - Trinity River	CEDR-1	4/9/25	14	13	10	10	7	7	16
		7/23/25	16	2	6	3	7	7	16
	COO-A	3/18/25	6	9	4	5	5	4	13
		7/22/25	13	16	3	3	7	7	18
White Rock Creek - White Rock Lake	DIX-A	3/19/25	5	2	8	6	7	7	12
		7/21/25	12	12	8	8	9	9	18

Table E-4a (continued) Rapid Bioassessment Protocol – Habitat Assessment Data 1

HUC Watershed	Sample ID	Collection Date	Pool Variability	Channel Flow Status	Riparian Vegetative Zone Width-Left	Riparian Vegetative Zone Width-Right	Sediment Deposition	Velocity / Depth Regime
Bachman Branch - Elm Fork Trinity River	JOES-1	4/9/25	7	8	3	3	11	1
	BAB-B	3/18/25	10	7	5	3	4	8
		7/21/25	6	6	4	3	10	6
	NWDA-1	3/18/25	11	16	4	4	17	1
RIB-A	3/18/25	5	3	0	1	6	7	
City of Dallas White Rock Creek	ASH-A	3/19/25	11	12	3	6	11	1
		7/23/25	8	16	8	8	10	10
Delaware Creek – West Fork Trinity River	MOC-A							
Farmers Branch – Elm Fork Trinity River Five Mile Creek – Trinity River	FARM-1	3/17/25	14	16	4	4	19	4
		7/21/25	9	13	8	9	10	5
	FIV-A							
	NEW-A	3/19/25	19	20	10	10	15	15
		7/21/25	6	8	2	2	15	10
SEDA-1	4/9/25	7	12	5	5	6	4	
	7/22/25	5	10	2	2	10	10	
Floyd Branch - White Rock Creek	FLO-A	3/18/25	7	8	3	5	16	10
		7/21/15	8	18	3	3	20	15
	MCK-C	3/17/25	10	11	2	2	16	9
		7/21/25	8	7	2	3	7	10

Table E-4a (continued) Rapid Bioassessment Protocol – Habitat Assessment Data 1

HUC Watershed	Sample ID	Collection Date	Pool Variability	Channel Flow Status	Riparian Vegetative Zone Width-Left	Riparian Vegetative Zone Width-Right	Sediment Deposition	Velocity / Depth Regime
Headwaters Five Mile Creek	FIV-D	3/19/25	3	5	1	1	5	6
		7/22/25	11	4	3	4	11	10
Headwaters Ten Mile Creek	TEN-B	3/19/25	10	11	6	6	12	16
		7/21/25	15	10	5	5	12	13
	TEN-D	3/19/25	3	7	4	4	18	9
		7/21/25	6	8	3	2	16	14
Headwaters Turtle Creek	CEB-B	4/9/25	4	6	2	2	15	9
		7/23/25	4	9	5	5	15	10
	KNI-A	4/9/25	11	11	3	2	16	2
		7/23/25	9	12	4	4	16	10
	TRO-A	4/9/25	5	6	4	3	16	1
		7/22/25	8	18	0	0	0	3
	TUR-A	3/19/25	1	5	4	2	18	1
		7/23/25	10	16	7	7	19	10
Prairie Creek - Trinity River	PRA-A	3/19/25	8	8	3	2	6	9
		7/22/25	10	10	4	3	14	14
South Mesquite Creek	SMC-A	4/9/25	10	8	5	5	13	14
		7/21/25	18	12	6	6	16	15
	SMC-B	4/9/25	8	6	5	2	11	8
		7/21/25	14	15	3	8	16	11
	SMC-C	4/9/25	10	9	5	4	12	9
		7/21/25	6	9	8	8	11	10
Turtle Creek - Trinity River	CEDR-1	4/9/25	16	15	6	6	13	12
		7/23/25	10	13	8	8	7	6
	COO-A	3/18/25	13	14	3	4	13	8
		7/22/25	7	15	6	6	10	13
White Rock Creek - White Rock Lake	DIX-A	3/19/25	8	7	5	5	5	6
		7/21/25	16	8	2	2	6	17

Table E-5 Aquatic Life Use Rating Data					
HUC Watershed	Sample ID	Spring 2025		Summer 2025	
Bachman Branch - Elm Fork Trinity River	JOES-1	23	Intermediate		Unwadable
	BAB-B	22	Intermediate	30	High
	NWDA-1	24	Intermediate		Unwadable
	RIB-A	24	Intermediate		Inaccessible
City of Dallas – White Rock Creek	ASH-A	20	Limited	23	Intermediate
Delaware Creek - West Fork Trinity River	MOC-A		Unwadable		Unwadable
Farmers Branch - Elm Fork Trinity River	FARM-1	21	Limited	25	Intermediate
Five Mile Creek – Trinity River	FIV-A		Unwadable		Unwadable
	NEW-A	29	High	26	Intermediate
	SEDA-1	27	Intermediate	31	High
	FLO-A	22	Intermediate	28	Intermediate
Floyd Branch - White Rock Creek	MCK-C	18	Limited	29	Intermediate
	FIV-D		Dry		Dry
Headwaters Five Mile Creek	TEN-B	26	Intermediate	27	Intermediate
Headwaters Ten Mile Creek	TEN-D	32	High	26	Intermediate
	CEB-B	24	Intermediate	26	Intermediate
Headwaters Turtle Creek	KNI-A	26	Intermediate	23	Intermediate
	TRO-A	21	Limited	30	High
	TUR-A	26	Intermediate	26	Intermediate
	PRA-A	29	High	29	High
Prairie Creek - Trinity River	SMC-A	30	High	28	Intermediate
South Mesquite Creek	SMC-B	22	Intermediate	31	High
	SMC-C	23	Intermediate	25	Intermediate
	CEDR-1	24	Intermediate	26	Intermediate
Turtle Creek - Trinity River	COO-A	22	Intermediate	25	Intermediate
	DIX-A	22	Intermediate	25	Intermediate
White Rock Creek-White Rock Lake	JOES-1	23	Intermediate		Unwadable

Table E-6a Water Quality Data 1

HUC Watershed	Sample ID	Collection Date	Temperature (°C)	pH	Turbidity (NTU)	Conductivity (µS/cm)	Dissolved Oxygen (mg/L)	Ammonia (as N) (mg/L)	Nitrate + Nitrite (as N) (mg/L)	Total Phosphorus (as P) (mg/L)	Chemical Oxygen Demand (mg/L)	Total Suspended Solids (mg/L)
Bachman Branch - Elm Fork Trinity River	ELMT-1	4/17/25	20	7.83	10	1831	7.59	<0.0508	<0.0391	<0.0143	15.0	9
		8/11/25	28.4	7.55	12	1935	2.87	<0.0508	0.126	0.0330	<8.48	14
	JOES-1	4/9/25	14	7.99	18	873	8.18	<0.0508	1.85	<0.0143	<3.36	18
		7/22/25	26.5	7.65	12	748	3.22	0.0525	0.913	0.0160	22.0	10
	BAB-B	3/18/25	17.8	8.06	23	807	8.86	<0.0508	0.286	0.0180	<3.36	20
		7/21/25	28.6	7.80	6	681	6.62	<0.0508	0.443	0.0250	<8.48	9
	LBAC-1	4/17/25	20.8	7.66	31	469	7.17	0.0637	0.0545	<0.0143	12.0	33
		4/17/25 DUP	20.8	7.87	33	471	7.14	0.0646	0.0606	<0.0143	17.0	29
		7/31/25	28.0	7.45	32	470	2.42	0.474	0.511	0.0470	15.4	30
	CAC-A	3/24/25	18.5	8.20	20	1328	14.09	1.25	0.433	0.0570	41.0	23
		3/24/25 DUP	19.5	8.23	16	1320	14.70	1.28	0.436	0.0650	32.0	22
		7/31/25	26.0	7.46	31	886	2.76	0.310	0.332	0.717	<42.4	27
	DAN-A	4/17/25	18.9	7.58	67	797	0.85	6.27	<0.0391	1.01	61.0	58
		8/11/25	28.2	7.56	16	586	1.71	7.04	0.117	0.975	12.0	14
	NWD-5	3/24/25	18.8	8.95	15	928	13.14	<0.0508	<0.0391	0.0710	27.0	11
		7/29/25	30.9	9.05	12	1019	8.25	0.0803	<0.0391	0.203	36.5	14
	NWDA-1	3/18/25	17.7	7.87	8	939	8.92	0.0800	0.763	0.0250	<3.36	9
		7/22/25	26.1	7.59	72	498	6.60	0.785	0.756	0.312	23.0	74
	RIB-A	3/18/25	15.8	7.63	12	1091	7.36	<0.0508	0.0500	0.0330	<3.36	7
		3/18/25 DUP	15.8	7.63	12	1099	7.39	<0.0508	0.0444	0.0420	10.0	6
7/21/25		26.9	7.48	4	1035	5.14	<0.0508	0.317	0.0630	14.0	8	
City of Dallas - White Rock Creek	BAB-C	3/24/25	16.8	7.78	6	802	7.48	<0.0508	0.247	<0.0143	<3.36	8
		7/29/25	29.7	7.81	5	668	5.87	0.0763	0.174	0.0150	10.5	4
	ASH-A	3/19/25	17.7	8.01	16	627	9.94	<0.0508	0.821	<0.0143	3.49	19
		7/23/25	27.2	7.34	5	470	9.86	<0.0508	0.210	<0.0143	13.0	3
	WHC-A	4/10/25	17.3	7.87	21	404	8.20	0.168	0.282	0.0230	24.0	22
		7/25/25	31.3	8.05	43	318	6.44	<0.0508	<0.0391	0.0410	18.3	49

Table E-6a (continued) Water Quality Data 1

HUC Watershed	Sample ID	Collection Date	Temperature (°C)	pH	Turbidity (NTU)	Conductivity (µS/cm)	Dissolved Oxygen (mg/L)	Ammonia (as N) (mg/L)	Nitrate + Nitrite (as N) (mg/L)	Total Phosphorus (as P) (mg/L)	Chemical Oxygen Demand (mg/L)	Total Suspended Solids (mg/L)
Delaware Creek - West Fork Trinity River	DELA-1	4/17/25	20.7	7.47	14	506	4.99	0.0915	0.145	0.153	14.0	15
		8/11/25	28.4	7.50	10	390	5.17	0.0532	0.302	0.207	<8.48	9
	LMOC-1	4/10/25	19.3	7.90	62	483	9.05	<0.0508	0.0501	<0.0143	13.0	55
		8/11/25	29.1	7.71	34	532	5.85	<0.0508	0.149	<0.0143	<8.48	39
	MOC-A	3/18/25	16.3	8.45	26	535	9.21	<0.0508	0.0699	0.0260	4.00	20
		7/22/25	27.2	7.88	105	407	8.00	<0.0508	0.0489	0.0460	24.0	159
Duck Creek	LON-B	3/25/25	16.2	7.48	4	630	6.53	0.149	0.364	0.0300	11.8	3
		7/28/2025	26.8	7.77	9	477	6.30	<0.0508	0.117	0.0160	9.09	5
Farmers Branch - Elm Fork Trinity River	EFCB-1	3/24/25	18.2	7.98	40	527	7.78	<0.0508	<0.0391	0.0250	10.0	38
		7/29/25	30.3	7.51	62	367	2.90	0.143	<0.0391	0.141	15.1	59
		7/29/25 DUP	30.8	7.67	62	370	3.89	0.132	<0.0391	0.124	18.4	57
	FARM-1	3/17/2025	16	7.87	30	561	7.60	<0.0508	0.129	0.0180	7.00	33
		7/21/25	28.9	7.70	30	331	5.21	<0.0508	0.141	0.0350	<8.48	30
Fish Creek - Mountain Creek Lake	ART-A	3/27/25	18.1	7.94	23	641	7.80	<0.0508	0.165	<0.0143	12.0	24
		7/30/25	26.8	7.70	75	594	5.96	<0.0508	0.0736	0.0350	<8.48	78
		7/30/25 DUP	26.8	7.75	69	594	5.53	<0.0508	0.182	<0.0143	<8.48	69
	MOC-B	3/27/25	17.2	8.11	49	484	9.26	0.0516	0.365	0.0150	7.00	54
		7/30/25	28.6	8.08	40	462	5.14	<0.0508	0.0485	0.0150	13.0	38
Five Mile Creek - Trinity River	ELA-A	3/25/25	16.9	7.00	0	682	8.60	<0.0508	0.349	<0.0143	5.40	0
		7/28/25	27.1	7.88	0	707	6.88	<0.0508	0.609	0.0310	133	0
		7/28/25 DUP	26.4	7.88	0	720	6.88	<0.0508	0.609	0.0260	<8.48	0
	ELA-B	3/25/25	17.3	7.86	8	571	7.85	0.0795	0.430	0.0190	6.07	7
		3/25/25 DUP	17.5	7.84	5	575	7.92	0.0804	0.431	0.0190	9.29	3
		7/28/2025	27.5	7.76	0	605	6.50	0.0549	0.112	0.0220	<8.48	0
	FIV-A	3/19/25	16.4	7.79	8	745	4.08	<0.0508	<0.0391	0.209	8.00	4
7/22/25		26.4	7.57	18	377	3.54	<0.0508	0.195	0.0810	19.0	16	

	FIV-B	3/26/25	19.9	7.75	5	628	7.81	<0.0508	1.09	<0.0143	5.50	4
		7/30/25	27	7.71	3	548	5.92	<0.0508	0.503	<0.0143	<8.48	3
	NEW-A	3/19/25	16.5	8.07	0	643	8.50	<0.0508	0.570	0.0170	<3.36	3
		7/21/25	29.8	7.40	2	566	7.95	<0.0508	0.533	<0.0143	<8.48	0

Table E-6a (continued) Water Quality Data 1

HUC Watershed	Sample ID	Collection Date	Temperature (°C)	pH	Turbidity (NTU)	Conductivity (µS/cm)	Dissolved Oxygen (mg/L)	Ammonia (as N) (mg/L)	Nitrate + Nitrite (as N) (mg/L)	Total Phosphorus (as P) (mg/L)	Chemical Oxygen Demand (mg/L)	Total Suspended Solids (mg/L)
Five Mile Creek - Trinity River	SDAL-1	4/10/25	19	8.07	0	808	7.77	<0.0508	2.20	<0.0143	<3.36	0
		7/28/2025	29.1	7.90	0	693	6.65	<0.0508	2.37	0.0620	<8.48	1
	SEDA-1	4/9/25	15.4	7.95	2	758	8.78	<0.0508	2.40	0.0960	5.00	9
		7/22/25	28.2	7.67	7	790	6.93	0.244	1.39	0.0470	<8.48	10
Floyd Branch - White Rock Creek	COT-C	3/24/25	14.2	7.84	10	862	9.29	<0.0508	1.05	<0.0143	5.00	5
		7/29/25	28.7	7.86	4	711	7.06	<0.0508	1.04	0.0270	<8.48	2
	FLO-A	3/18/25	16.1	7.95	11	918	8.03	<0.0508	8.91	0.255	<3.36	11
		7/21/25	26.1	8.19	6	817	7.76	<0.0508	11.9	1.70	21.0	4
		7/21/25 (DUP)	26.3	7.93	6	816	7.77	<0.0508	12.0	1.68	28.0	5
	MCK-C	3/17/25	13.5	7.85	5	771	9.88	<0.0508	0.968	<0.0143	4.00	5
		7/21/25	25.4	7.80	3	667	6.99	<0.508	1.47	<0.0143	<8.48	0
	Grapevine Creek - Elm Fork Trinity River	HUTT-1	3/24/25	15.6	7.58	0	736	7.75	<0.0508	0.121	<0.0143	10.0
7/29/25			29.0	7.78	5	656	6.50	<0.0508	<0.0391	<0.0143	9.93	2
Headwaters Five Mile Creek	CRO-A	3/26/25	20.3	8.08	0	613	8.75	<0.0508	1.02	<0.0143	7.45	0
		7/30/25	26.7	8.06	4	603	6.76	<0.0508	0.510	<0.0143	<8.48	5
	FIV-C	3/26/25	19.7	7.93	0	616	7.96	<0.0508	1.00	0.0420	<3.36	0
		7/30/25	27.5	7.83	9	544	6.13	<0.0508	0.482	<0.0143	<8.48	8
	FIV-D	3/19/25	18.1	8.01	9	593	9.23	<0.0508	1.15	<0.0143	<3.36	6
		7/22/25	27.1	7.75	84	494	5.46	0.0521	0.656	0.0420	15.0	75
	FIV-E	3/26/25	20.1	8.19	8	670	10.05	<0.0508	0.651	0.0320	<3.36	8
		7/30/25	26.7	8.21	8	603	7.82	<0.0508	1.21	0.0320	<8.48	8
	RIC-B	3/26/25	18.3	8.26	0	585	10.17	0.0603	1.39	0.0510	5.87	2
		7/30/25	26.8	8.23	1	470	7.45	0.144	0.703	0.0550	8.65	0
	WOO-A	3/26/25	20.0	7.80	0	592	8.35	<0.0508	0.717	0.0230	10.2	0
		7/30/25	27.3	7.62	0	581	7.05	<0.0508	0.757	<0.0143	10.2	0

Table E-6a (continued) Water Quality Data 1

HUC Watershed	Sample ID	Collection Date	Temperature (°C)	pH	Turbidity (NTU)	Conductivity (µS/cm)	Dissolved Oxygen (mg/L)	Ammonia (as N) (mg/L)	Nitrate + Nitrite (as N) (mg/L)	Total Phosphorus (as P) (mg/L)	Chemical Oxygen Demand (mg/L)	Total Suspended Solids (mg/L)
Headwaters Ten Mile Creek	TEN-B	3/19/25	16.9	7.90	9	601	8.52	<0.0508	0.900	0.0150	<3.36	7
		7/21/25	26.7	7.92	3	491	8.13	<0.0508	0.558	<0.0143	9.00	1
	TEN-D	3/19/25	16.8	7.93	6	626	9.26	<0.0508	0.929	<0.0143	<3.36	5
		7/21/25	26.8	7.41	3	565	7.95	<0.0508	0.731	<0.0143	16.0	0
Headwaters Turtle Creek	DAEB-1	3/27/25	20.9	7.84	28	887	7.08	0.209	0.848	0.0770	14.0	24
		7/31/25	29.9	7.61	17	691	6.63	<0.0508	0.369	0.0590	13.8	21
	DAEB-2	3/27/25	21.9	7.71	14	875	7.08	0.183	0.979	0.0520	12.0	18
		7/31/25	28.5	7.54	18	720	5.79	0.0807	0.488	0.149	<8.48	21
	CBD-2	4/15/25	20.7	8.03	13	884	10.39	0.409	0.624	0.147	35.0	16
		4/15/25 DUP	20.9	8.04	12	888	10.90	0.238	0.615	0.118	15.0	17
		7/31/25	26.0	7.67	20	865	4.90	1.24	1.50	0.327	19.5	24
	CEB-B	4/9/25	17.6	8.07	0	987	8.28	0.270	1.89	0.0320	18.0	0
		7/23/25	25.5	7.55	3	837	6.31	<0.0508	2.25	0.0460	<8.48	3
	KNI-A	4/9/25	15.6	8.35	18	787	9.99	0.0789	1.62	<0.0143	<3.36	16
		7/23/25	25.2	7.32	3	825	7.55	<0.0508	1.18	<0.0143	<8.48	1
	TRO-A	4/9/25	19.3	7.85	29	520	5.69	<0.0508	0.256	0.0910	11.0	29
		7/22/25	26.8	7.85	23	666	3.80	0.352	0.145	0.166	14.0	25
	TRO-C	4/17/25	21.5	8.03	33	956	8.49	<0.0508	0.281	<0.0143	<3.36	27
		7/31/25	29.1	7.56	11	701	5.19	<0.0508	0.769	0.0350	<8.48	7
		7/31/25 DUP	29.1	7.72	10	703	4.96	<0.0508	0.726	0.0260	19.7	8
	TUR-A	3/19/25	18	7.95	3	861	10.18	<0.0508	2.15	0.0260	<3.36	6
		7/23/25	28.4	7.71	9	819	4.97	<0.0508	2.41	0.0300	<8.48	8
	TUR-C	3/27/25	21.6	8.11	12	756	8.07	<0.0508	0.115	0.0340	19.0	5
		7/31/25	28.5	7.78	7	580	6.18	0.0521	0.474	0.0430	<8.48	4
Headwaters White Rock Creek	UWRC-1	3/24/25	16.3	7.70	11	750	8.96	<0.0508	0.302	<0.0143	<3.36	9
		7/29/25	30.9	7.72	7	499	7.54	<0.0508	<0.0391	<0.0143	<8.48	5
Hickory Creek - Parsons Slough	HIC-D	3/25/25	16.7	7.75	41	751	8.00	<0.0508	0.137	0.216	9.93	47
		7/28/2025	26.1	7.72	0	711	6.54	0.165	0.134	0.128	9.36	0
	ATEN-1	3/25/25	15.9	7.79	101	800	7.41	<0.0508	<0.0391	0.0510	13.7	99
		7/28/25	26.7	7.46	299	493	5.14	0.106	0.0514	0.420	17.0	310

Table E-6a (continued) Water Quality Data 1

HUC Watershed	Sample ID	Collection Date	Temperature (°C)	pH	Turbidity (NTU)	Conductivity (µS/cm)	Dissolved Oxygen (mg/L)	Ammonia (as N) (mg/L)	Nitrate + Nitrite (as N) (mg/L)	Total Phosphorus (as P) (mg/L)	Chemical Oxygen Demand (mg/L)	Total Suspended Solids (mg/L)
Indian Creek - Elm Fork Trinity River	FUR-A	3/24/25	17.1	7.94	4	741	9.43	<0.0508	<0.0391	<0.0143	5	0
		7/29/25	28.9	8.05	9	665	7.17	<0.0508	<0.0391	<0.0143	<8.48	11
Pitman Creek - Spring Creek	SPC-A	3/25/25	17.7	7.73	4	818	7.34	<0.0508	0.483	0.228	8.52	3
		7/29/25	29.9	7.63	1	646	6.22	<0.0508	0.277	<0.0143	<8.48	0
Prairie Creek – Trinity River	PRA-A	3/19/25	18.1	8.00	0	731	8.19	<0.0508	<0.0391	0.0370	<3.36	1
		7/22/25	26.7	7.76	19	669	5.96	<0.0508	0.0662	<0.0143	11.0	30
		7/22/25 DUP	26.8	7.78	5	664	5.98	<0.0508	0.0628	<0.0143	<8.48	7
	PRAI-2	3/25/25	18.6	7.75	30	613	6.76	<0.0508	0.147	<0.0143	11.8	26
		7/28/25	21.1	7.89	8	471	6.99	<0.0508	0.0570	<0.0143	10.5	6
South Mesquite Creek	SMC-A	4/9/25	14.4	7.89	17	615	8.45	0.0637	0.746	0.0270	9.00	11
		4/9/25 DUP	13.5	8.12	13	618	8.71	<0.0508	0.670	0.0250	31.0	17
		7/21/25	28	7.95	7	500	9.05	<0.0528	0.155	0.0260	<8.48	6
	SMC-B	4/9/25	16	7.70	12	614	8.40	<0.0508	0.801	<0.0143	26.0	9
		7/21/25	28	7.88	12	549	6.49	0.0514	0.342	0.0210	16.0	8
	SMC-C	4/9/25	17.9	8.27	15	586	9.46	0.0648	0.958	<0.0143	8.00	10
		7/21/25	28.2	8.09	7	352	6.57	<0.0508	0.144	0.0180	<8.48	7
White Rock Creek - White Rock Lake	DIX-A	3/19/25	17	7.81	5	700	6.79	<0.0508	0.894	0.0160	<3.36	3
		7/21/25	28.6	7.59	2	574	5.89	<0.0508	0.686	<0.0143	<8.48	0
	DIX-A-DUP	3/19/25	16.8	7.76	2	701	6.85	<0.0508	1.10	0.0150	<3.36	5
	JAC-A	4/10/25	18.2	7.90	5	707	8.11	<0.0508	2.11	<0.0143	19.0	8
		4/10/25 DUP	18.1	7.93	8	709	7.99	<0.0508	2.09	<0.0143	<3.36	8
		7/29/25	31.8	7.75	14	573	9.28	<0.0508	0.764	0.0330	<8.48	13
	MCC-A	3/25/25	18.6	7.69	9	649	9.21	<0.0508	0.364	<0.0143	11.1	4
		7/28/25	29	7.58	26	452	4.60	<0.0508	<0.0391	0.0180	<8.48	23
	WIL-A	3/25/25	19.2	7.45	19	779	5.77	0.0987	0.520	<0.0143	10.1	16
		7/28/25	29.2	7.53	19	445	3.11	0.0975	<0.0391	0.0320	<8.48	16
	WHC-C	3/24/25	16.2	7.83	9	788	8.42	<0.0508	2.92	0.358	10.0	3
		7/29/25	30.6	8.04	2	715	7.74	<0.0508	7.56	1.55	20.3	2

Table E-6a (continued) Water Quality Data 1

HUC Watershed	Sample ID	Collection Date	Temperature (°C)	pH	Turbidity (NTU)	Conductivity (µS/cm)	Dissolved Oxygen (mg/L)	Ammonia (as N) (mg/L)	Nitrate + Nitrite (as N) (mg/L)	Total Phosphorus (as P) (mg/L)	Chemical Oxygen Demand (mg/L)	Total Suspended Solids (mg/L)
Turtle Creek-Trinity River	CEC-B	4/10/25	17.6	8.46	0	711	9.88	<0.0508	4.00	<0.0143	<3.36	0
		7/30/25	28	8.40	3	581	8.54	<0.0508	1.42	<0.0143	<8.48	0
	CEDR-1	4/9/25	15.1	8.03	0	710	8.58	0.0616	3.69	<0.0143	<3.36	0
		7/23/25	28.1	7.77	0	605	5.90	<0.0508	1.18	0.0270	<8.48	0
		7/23/25 dup	28.4	7.88	4	603	5.81	<0.0508	1.09	0.0230	<8.48	2
	COO-A	3/18/25	16.9	8.24	0	727	9.80	<0.0508	3.16	0.0160	<3.36	0
		7/22/25	26.3	7.74	4	691	6.81	<0.0508	2.19	0.0160	11.0	2
	DAWB-3	4/15/25	19.7	8.25	31	749	17.16	0.0680	0.200	0.0390	15.0	22
		7/31/25	27.8	7.67	37	765	6.79	0.116	0.383	0.109	20.2	28
	FIL-A	3/27/25	19.9	7.87	9	1024	6.36	0.0997	0.119	0.0190	14.0	5
		7/31/25	30.2	7.66	72	623	5.95	<0.0508	0.293	<0.0143	<8.48	64
	LAC-A	4/10/25	19	7.63	6	325	7.43	0.211	0.195	0.0510	<3.36	6
		7/31/25	28.0	8.12	11	636	8.52	<0.0508	0.270	0.0400	<8.48	7
	LAC-B	4/10/25	19	7.47	10	697	2.43	0.476	0.415	0.126	<3.36	5
		7/31/25	30.7	7.67	7	316	5.10	<0.0508	2.01	0.558	<8.48	9
	WDAL-1	4/15/25	16.3	7.84	29	1582	7.34	0.392	0.769	<0.0143	12.0	21
		8/11/25	26.8	7.63	14	1544	5.55	0.0569	0.126	<0.0143	<8.48	16
	WDAL-2	4/15/25	18.4	7.19	6	934	8.40	<0.0508	7.30	<0.0143	<3.36	10
		7/30/25	24.4	7.07	9	1097	6.45	<0.0508	10.5	<0.0143	<8.48	12

Table E-6b Water Quality Data 2

HUC Watershed	Sample ID	Collection Date	E. coli	Total Coliform	Surfactants (mg/L)	Copper (mg/L)	Iron (mg/L)	Hardness (mg/L)	Flow
			(MPN / 100ml)	(MPN / 100ml)					(cu ft / sec)
Delaware Creek - West Fork Trinity River	DELA-1	4/17/2025	190	>2400	0.0810	0.00417	0.211	179	0.9
		8/11/25	110	>2400	<0.0500	0.00186	0.157	109	0.4
	LMOC-1	4/15/2025	61	>2400	0.103	0.00298	0.287	195	Unwadable
		8/11/25	68	>2400	<0.0500	0.00252	0.338	145	Unwadable
	MOC-A	3/18/25	5.2	>2400	0.0661	0.0795	1.15	211	Unwadable
7/22/2025		25	>2400	<0.0500	0.00246	1.42	122	Unwadable	
Duck Creek	LON-B	03/25/2025	110	>2400	0.158	0.00207	0.100	212	0.1
		7/28/2025	580	>2400	<0.0500	<0.000690	0.0745	171	0.2
Farmers Branch - Elm Fork Trinity River	EFCB-1	03/24/2025	5.2	1600	0.0535	0.00179	0.569	192	Unwadable
		7/29/25	9.8	>2400	<0.0500	0.00124	1.03	127	Unwadable
	FARM-1	7/29/25 DUP	3.1	>2400	<0.0500	0.00133	0.824	135	Unwadable
		3/17/2025	18	1700	0.329	0.00125	0.294	153	5.2
		7/21/25	32	>2400	<0.0500	0.00718	0.250	98.9	1.5
Fish Creek - Mountain Creek Lake	ART-A	03/27/2025	38	2000	0.155	0.00131	0.210	261	Unwadable
		7/30/25	6.1	>2400	<0.0500	0.00204	0.990	273	Unwadable
		7/30/25 DUP	1.0	>2400	<0.0500	0.00200	1.23	301	Unwadable
	MOC-B	03/27/2025	23	>2400	0.125	0.00393	3.31	145	Unwadable
		7/30/25	3.0	>2400	<0.0500	0.00186	0.195	140	Unwadable
Five Mile Creek - Trinity River	ELA-A	03/25/2025	200	1700	<0.0500	0.00171	0.195	243	Unwadable
		7/28/2025	190	>2400	<0.0500	<0.000690	0.131	293	0.3
		7/28/2025(DUP)	240	>2400	<0.0500	<0.000690	0.139	290	0.3
	ELA-B	03/25/2025	75	2000	<0.0500	0.00178	0.193	173	0.4
		03/25/2025 DUP	99	1600	<0.0500	0.00192	0.205	174	0.4
		7/28/2025	170	>2400	<0.0500	<0.000690	0.0708	231	0.4
	FIV-A	3/19/25	9.7	>2400	0.0785	0.00102	0.172	330	Unwadable
		7/22/25	69	>2400	<0.0500	0.00223	0.415	165	Unwadable
	FIV-B	03/26/2025	73	>2400	<0.0500	0.00144	0.0514	263	9.9
		7/30/25	5.0	>2400	<0.0500	0.00175	0.0470	225	2.8
	NEW-A	3/19/25	190	>2400	0.0577	0.00142	0.0480	293	2.9
7/21/25		260	>2400	<0.0500	0.00161	0.0123	242	0.7	

Table E-6b (continued) Water Quality Data 2

HUC Watershed	Sample ID	Collection Date	E. coli	Total Coliform	Surfactants (mg/L)	Copper (mg/L)	Iron (mg/L)	Hardness (mg/L)	Flow
			(MPN / 100ml)	(MPN / 100ml)					(cu ft / sec)
Bachman Branch - Elm Fork Trinity River	ELMT-1	4/17/2025	66	>2400	0.100	0.00315	0.230	506	5.3
		8/11/25	190	>2400	<0.0500	0.00557	0.152	370	0.4
	JOES-1	04/09/2025	1400	>2400	<0.0500	0.00120	0.0564	419	0.8
		7/22/2025	>2400	>2400	<0.0500	0.0363	0.165	252	Unwadable
	BAB-B	3/18/25	340	>2400	0.234	0.00243	0.0346	275	0.4
		7/21/25	270	>2400	<0.0500	0.00395	0.0199	223	1.8
	LBAC-1	4/17/2025	250	>2400	0.0644	0.00179	0.267	208	3.1
		4/17/2025 DUP	240	>2400	0.0572	0.00171	0.204	211	3.1
		7/31/25	5.0	>2400	0.0762	0.0630	0.402	162	.9
	CAC-A	3/24/2025	75	>2400	0.159	0.00338	0.847	275	0.7
		3/24/2025 DUP	93	>2400	0.157	0.00436	0.984	272	0.7
		7/31/25	2.0	>2400	0.158	0.186	1.79	154	0.1
	DAN-A	4/17/2025	>2400	>2400	0.683	0.00773	0.908	362	Unwadable
		8/11/25	>2400	>2400	0.159	0.00281	0.394	171	Unwadable
	NWD-5	03/24/2025	370	>2400	0.143	0.0636	0.0283	247	0.1
		7/29/25	>2400	>2400	<0.0500	0.00806	0.130	291	0
	NWDA-1	3/18/25	140	>2400	0.0744	0.00231	0.279	254	2.8
		7/22/2025	<1.0	190	<0.0500	0.151	1.02	159	Unwadable
	RIB-A	3/18/25	280	>2400	0.0800	0.00277	0.305	276	0.4
		3/18/25 DUP	250	>2400	0.220	0.00289	0.315	286	0.4
7/21/25		820	>2400	0.0757	0.00357	0.128	250	Unwadable	
BAB-C	03/24/2025	330	>2400	<0.0500	0.00294	0.0336	305	Unwadable	
	7/29/25	>2400	>2400	<0.0500	0.00245	0.0443	252	Unwadable	
City of Dallas - White Rock Creek	ASH-A	03/19/2025	93	>2400	<0.0500	0.00122	0.0733	264	0.8
		7/23/2025	650	>2400	<0.0500	0.00148	0.0425	180	0.3
	WHC-A	4/10/2025	250	>2400	0.0688	0.00141	0.224	161	Unwadable
		7/28/25	29	>2400	<0.5000	<0.000690	0.156	136	Unwadable

Table E-6b (continued) Water Quality Data 2

HUC Watershed	Sample ID	Collection Date	E. coli	Total Coliform	Surfactants (mg/L)	Copper (mg/L)	Iron (mg/L)	Hardness (mg/L)	Flow
			(MPN / 100ml)	(MPN / 100ml)					(cu ft / sec)
Five Mile Creek - Trinity River	SDAL-1	4/10/2025	1100	>2400	<0.0500	0.000893	0.0392	367	0.5
		7/28/25	240	>2400	<0.0500	<0.000690	0.0211	315	0
	SEDA-1	04/09/2025	1400	>2400	<0.0500	0.0199	0.121	371	0.7
		07/22/25	340	>2400	<0.0500	0.00158	0.484	353	0.3
Floyd Branch - White Rock Creek	COT-C	03/24/2025	460	1700	0.0579	0.00144	0.0151	287	0.4
		7/29/25	290	>2400	<0.0500	0.00213	0.0638	271	0.3
	FLO-A	3/18/25	340	>2400	0.241	0.00389	0.0257	271	2.6
		7/21/25	490	>2400	<0.0500	0.00585	0.0224	214	1.8
		7/21/25(DUP)	460	>2400	<0.0500	0.0885	0.0264	217	1.8
	MCK-C	3/17/25	140	2000	0.298	0.00169	0.0288	305	0.4
7/27/25		550	>2400	<0.0500	0.00104	0.0165	227	0.4	
Grapevine Creek - Elm Fork Trinity River	HUTT-1	03/24/2025	16	870	0.125	0.0323	0.185	235	0.1
		7/29/2025	26	>2400	<0.0500	0.00176	0.0635	193	0.2
Headwaters Five Mile Creek	CRO-A	03/26/2025	300	>2400	0.136	0.00174	0.0357	253	Unwadable
		7/30/25	11	>2400	<0.0500	0.00160	0.0158	255	Unwadable
	FIV-C	03/26/2025	120	2400	<0.0500	0.0380	0.0645	268	10.3
		7/30/25	21	>2400	<0.0500	0.00174	0.0627	237	3.6
	FIV-D	03/19/2025	150	>2400	<0.0500	0.00118	0.0497	241	0.1
		7/22/2025	>2400	>2400	<0.0500	0.00296	0.621	221	1
	FIV-E	03/26/2025	2400	>2400	0.111	0.00164	0.171	281	1.5
		7/30/25	15	>2400	<0.0500	0.00206	0.0130	288	0.2
	RIC-B	03/26/2025	460	2400	<0.0500	0.00110	0.0287	268	1.6
		7/30/25	2.0	490	<0.0500	0.00128	0.0242	203	0.1
WOO-A	03/26/2025	180	>2400	0.0660	0.00139	0.0989	234	2	
	7/20/25	5.0	>2400	<0.0500	0.00135	0.0236	257	0.6	

Table E-6b (continued) Water Quality Data 2

HUC Watershed	Sample ID	Collection Date	E. coli	Total Coliform	Surfactants (mg/L)	Copper (mg/L)	Iron (mg/L)	Hardness (mg/L)	Flow
			(MPN / 100ml)	(MPN / 100ml)					(cu ft / sec)
Headwaters Ten Mile Creek	TEN-B	3/19/25	87	>2400	<0.0500	0.000924	0.0381	292	1.3
		7/21/25	190	>2400	<0.0500	0.00236	0.0293	208	13.4
	TEN-D	3/19/25	180	>2400	<0.0500	0.000854	0.0374	258	0.1
		7/21/25	330	>2400	<0.0500	0.00163	0.0322	244	3.8
Headwaters Turtle Creek	DAEB-1	03/27/2025	100	>2400	0.0989	0.00710	0.448	280	2.2
		7/31/25	26	>2400	0.0500	0.00305	0.223	196	Unwadable
	DAEB-2	03/27/2025	34	>2400	0.0670	0.00240	0.244	311	1.2
		7/31/25	19	>2400	0.0570	0.00972	0.375	273	Unwadable
	CBD-2	4/15/2025	2400	>2400	0.217	0.00521	0.260	339	0.2
		4/15/2025DUP	2400	>2400	0.282	0.00500	0.276	330	0.2
		7/31/25	>2400	>2400	0.0978	0.00648	0.561	255	0.8
	CEB-B	04/09/2025	1400	>2400	<0.0500	0.0251	0.0541	430	0.4
		7/23/2025	980	>2400	<0.0500	0.00184	0.0420	315	0.7
	KNI-A	04/09/2025	920	>2400	<0.0500	0.00208	0.246	387	2.8
		7/23/2025	150	>2400	<0.0500	0.00249	0.0540	292	3.4
	TRO-A	04/09/2025	170	>2400	<0.0500	0.00187	0.399	200	0.4
		7/22/2025	1100	>2400	0.0757	0.0266	0.339	211	0.8
	TRO-C	4/17/2025	73	>2400	0.0510	0.0106	0.154	357	0.1
		7/31/25	22	>2400	0.0648	0.0400	0.0214	203	0
		7/31/25 DUP	19	>2400	<0.0500	0.0602	0.0271	198	0
	TUR-A	03/19/2025	570	>2400	<0.0500	0.00128	0.0537	368	0.03
		7/23/2025	830	>2400	<0.0500	0.00281	0.187	315	0.2
	TUR-C	03/27/2025	730	>2400	0.124	0.00320	0.0606	273	Unwadable
		7/31/25	9.1	>2400	<0.0500	0.00350	0.0341	199	Unwadable
Headwaters White Rock Creek	UWRC-1	03/24/2025	75	1600	0.114	0.00569	0.112	255	4.6
		7/29/25	28	>2400	<0.0500	0.00277	0.0637	187	Unwadable
Hickory Creek - Parsons Slough	HIC-D	03/25/2025	370	>2400	0.101	0.00141	0.300	228	0.7
		7/28/2025	>2400	>2400	0.0549	0.00156	0.212	213	0.9
	ATEN-1	03/25/2025	130	>2400	<0.0500	0.00225	1.19	165	0.1
		7/28/2025	310	>2400	<0.0500	0.00649	9.04	137	0.04

Table E-6b (continued) Water Quality Data 2

HUC Watershed	Sample ID	Collection Date	E. coli	Total Coliform	Surfactants (mg/L)	Copper (mg/L)	Iron (mg/L)	Hardness (mg/L)	Flow
			(MPN / 100ml)	(MPN / 100ml)					(cu ft / sec)
Indian Creek - Elm Fork Trinity River	FUR-A	03/24/2025	24	1300	0.0992	0.00220	0.0916	213	1.5
		7/29/25	36	>2400	<0.0500	0.00193	0.103	222	1.1
Pitman Creek - Spring Creek	SPC-A	03/25/2025	120	>2400	0.0964	0.00216	0.0762	299	Unwadable
		7/29/25	74	>2400	<0.0500	0.00165	0.0451	222	Unwadable
Prairie Creek – Trinity River	PRA-A	3/19/25	140	>2400	0.0821	0.00146	0.217	267	0.9
		7/22/25	220	>2400	<0.0500	0.00113	0.196	241	0.5
		7/22/25	220	>2400	<0.0500	0.00186	0.123	247	0.5
	PRAI-2	03/25/2025	100	>2400	0.0777	0.00265	0.219	186	Unwadable
		7/28/25	64	>2400	<0.0500	<0.000690	0.0352	132	Unwadable
South Mesquite Creek	SMC-A	04/09/2025	550	>2400	0.131	0.00294	0.174	247	1.7
		04/09/2025 DUP	730	>2400	<0.0500	0.00283	0.165	213	1.7
		7/21/25	42	>2400	0.0762	0.00256	0.0520	128	0.8
	SMC-B	04/09/2025	390	>2400	0.142	0.00314	0.194	242	1.7
		07/21/25	120	>2400	<0.0500	0.00179	0.150	141	1
	SMC-C	04/09/2025	520	>2400	<0.0500	0.00315	0.109	219	0.3
		07/21/25	120	>2400	0.0549	0.00219	0.0782	94.1	0.5
White Rock Creek - White Rock Lake	DIX-A	03/19/2025	340	>2400	0.0606	0.202	0.0777	353	1.5
		03/19/2025 DUP	400	>2400	<0.0500	0.00900	0.0622	292	1.5
		7/21/25	390	>2400	<0.0500	0.00111	0.0317	216	0.6
	JAC-A	4/10/2025	980	>2400	0.178	0.0356	0.0698	290	Unwadable
		4/10/2025 DUP	690	>2400	<0.0500	0.0165	0.0457	302	Unwadable
		7/29/25	190	>2400	<0.0500	0.00186	0.187	256	Unwadable
	MCC-A	03/25/2025	110	>2400	<0.0500	0.00275	0.113	266	Unwadable
		7/28/2025	87	>2400	<0.0500	0.000996	0.193	184	Unwadable
	WIL-A	03/25/2025	230	>2400	<0.0500	0.00141	0.335	292	Unwadable
		7/28/25	60	>2400	<0.0500	0.00126	0.176	172	Unwadable
	WHC-C	03/24/2025	250	>2400	<0.0500	0.00274	0.0677	287	4.8
		7/29/25	150	>2400	<0.0500	0.00491	0.0367	228	0.1

Table E-6b (continued) Water Quality Data 2

HUC Watershed	Sample ID	Collection Date	E. coli	Total Coliform	Surfactants (mg/L)	Copper (mg/L)	Iron (mg/L)	Hardness (mg/L)	Flow
			(MPN / 100ml)	(MPN / 100ml)					(cu ft / sec)
Turtle Creek-Trinity River	CEC-B	4/10/2025	1400	>2400	<0.0500	0.0255	0.0106	292	1.5
		7/30/25	14	>2400	<0.0500	0.00281	0.0101	246	0.3
	CEDR-1	04/09/2025	870	>2400	<0.0500	0.0203	0.0275	333	2.1
		7/23/2025	460	>2400	<0.0500	0.00386	0.111	233	1
		7/23/2025DUP	260	>2400	<0.0500	0.00395	0.0302	223	1
	COO-A	3/18/25	260	>2400	<0.0500	0.165	0.0319	261	0.2
		7/22/2025	390	>2400	<0.0500	0.00141	0.0143	272	2
	DAWB-3	4/15/2025	66	>2400	0.0651	0.00182	0.336	342	1.6
		7/31/25	9.4	>2400	<0.0500	0.00263	0.727	351	0.2
	FIL-A	03/27/2025	100	>2400	0.101	0.00163	0.182	385	0.2
		7/31/25	3.0	>2400	0.0770	0.00232	0.549	209	Unwadable
	LAC-A	4/10/2025	580	>2400	0.142	0.00112	0.0830	122	Unwadable
		7/31/25	5.0	>2400	0.0551	0.00331	0.106	117	Unwadable
	LAC-B	4/10/2025	370	>2400	0.0655	0.00148	0.537	302	0.1
		7/31/25	9.1	>2400	0.0552	0.00224	0.0517	244	Unwadable
	WDAL-1	4/15/2025	45	2400	0.127	0.00183	0.119	538	0.1
		8/11/25	50	>2400	<0.0500	0.00344	0.190	369	0.1
	WDAL-2	4/15/2025	70	2400	<0.0500	0.00285	0.108	440	0.002
		7/30/25	7.1	>2400	<0.0500	0.00201	0.0779	500	0.001

Table E-6c Pesticides Water Quality Data 1

HUC Watershed	Sample ID	Collection Date	4,4'-DDD (µg/L)	4,4'-DDE (µg/L)	4,4'-DDT (µg/L)	Aldrin (µg/L)	Alpha BHC (µg/L)	Atrazine (µg/L)	Beta BHC (µg/L)
Bachman Branch - Elm Fork Trinity River	JOES-1	04/09/2025	<0.00250	<0.00125	<0.00250	<0.00125	<0.000625	<1.45	<0.00125
		07/22/2025	<0.00250	<0.00125	<0.00250	<0.00125	<0.000625	<1.49	<0.00125
	BAB-B	03/18/2025	<0.00250	<0.00125	<0.00250	<0.00125	<0.000625	<1.45	<0.00125
		07/21/2025	<0.00250	<0.00125	<0.00250	<0.00125	<0.000625	<1.46	<0.00125
	NWDA-1	03/18/2025	<0.00250	<0.00125	<0.00250	<0.00125	<0.000625	<1.46	<0.00125
		07/22/2025	<0.00250	<0.00125	<0.00250	<0.00125	<0.000625	<1.46	<0.00125
	RIB-A	03/18/2025	<0.00250	<0.00125	<0.00250	<0.00125	<0.000625	<1.47	<0.00125
		03/18/2025	<0.00250	<0.00125	<0.00250	<0.00125	<0.000625	<1.44	<0.00125
		07/21/2025	<0.00250	<0.00125	<0.00250	<0.00125	<0.000625	<1.45	<0.00125
City of Dallas – White Rock Creek	ASH- A	09/19/2025	<0.00250	<0.00125	<0.00250	<0.00125	<0.000625	<1.44	<0.00125
		07/23/2025	<0.00250	<0.00125	<0.00250	<0.00125	<0.000625	<1.47	<0.00125
Delaware Creek - West Fork Trinity River	MOC-A	03/18/2025	<0.00250	<0.00125	<0.00250	<0.00125	<0.000625	<1.46	<0.00125
		07/22/2025	<0.00250	<0.00125	<0.00250	<0.00125	<0.000625	<1.47	<0.00125
Farmers Branch - Elm Fork Trinity River	FARM-1	03/17/2025	<0.00500	<0.00250	<0.00500	<0.00250	<0.00125	<1.51	<0.00250
		07/21/2025	<0.00250	<0.00125	<0.00250	<0.00125	<0.000625	<1.44	<0.00125
Five Mile Creek – Trinity River	FIV-A	03/19/2025	<0.00250	<0.00125	<0.00250	<0.00125	<0.000625	<1.45	<0.00125
		07/22/2025	<0.00250	<0.00125	<0.00250	<0.00125	<0.000625	<1.54	<0.00125
	NEW-A	03/19/2025	<0.00250	<0.00125	<0.00250	<0.00125	<0.000625	<1.45	<0.00125
		07/21/2025	<0.00250	<0.00125	<0.00250	<0.00125	<0.000625	<1.45	<0.00125
	SEDA-1	04/09/2025	<0.00250	<0.00125	<0.00250	<0.00125	<0.000625	<1.48	<0.00125
		07/22/2025	<0.00250	<0.00125	<0.00250	<0.00125	<0.000625	<1.45	<0.00125
Floyd Branch - White Rock Creek	FLO-A	03/18/2025	<0.00250	<0.00125	<0.00250	<0.00125	<0.000625	<1.49	<0.00125
		07/21/2025	<0.00250	<0.00125	<0.00250	<0.00125	<0.000625	<1.48	<0.00125
		07/21/2025	<0.00250	<0.00125	<0.00250	<0.00125	<0.000625	<1.47	<0.00125
	MCK-C	03/17/2025	<0.00500	<0.00250	<0.00500	<0.00250	<0.00125	<1.48	<0.00250
		07/21/2025	<0.00250	<0.00125	<0.00250	<0.00125	<0.000625	<1.49	<0.00125
Headwaters Five Mile Creek	FIV-D	03/19/2025	<0.00250	<0.00125	<0.00250	<0.00125	<0.000625	<1.46	<0.00125
		07/22/2025	<0.00250	<0.00125	<0.00250	<0.00125	<0.000625	<1.51	<0.00125

Table E-6c (continued) Pesticides Water Quality Data 1

HUC Watershed	Sample ID	Collection Date	4,4'-DDD (µg/L)	4,4'-DDE (µg/L)	4,4'-DDT (µg/L)	Aldrin (µg/L)	Alpha BHC (µg/L)	Atrazine (µg/L)	Beta BHC (µg/L)
Headwaters Ten Mile Creek	TEN-B	03/19/2025	<0.00250	<0.00125	<0.00250	<0.00125	<0.000625	<1.47	<0.00125
		07/21/2025	<0.00250	<0.00125	<0.00250	<0.00125	<0.000625	<1.51	<0.00125
	TEN-D	03/19/2025	<0.00250	<0.00125	<0.00250	<0.00125	<0.000625	<1.47	<0.00125
		07/21/2025	<0.00250	<0.00125	<0.00250	<0.00125	<0.000625	<1.49	<0.00125
Headwaters Turtle Creek	CEB-B	04/09/2025	<0.00250	<0.00125	<0.00250	<0.00125	<0.000625	2.45	<0.00125
		07/23/2025	<0.00250	<0.00125	<0.00250	<0.00125	<0.000625	<1.48	<0.00125
	KNI-A	04/09/2025	<0.00250	<0.00125	<0.00250	<0.00125	<0.000625	<1.43	<0.00125
		07/23/2025	<0.00250	<0.00125	<0.00250	<0.00125	<0.000625	<1.46	<0.00125
	TRO-A	04/09/2025	<0.00250	<0.00125	<0.00250	<0.00125	<0.000625	<1.44	<0.00125
		07/22/2025	<0.00250	<0.00125	<0.00250	<0.00125	<0.000625	<1.50	<0.00125
	TUR-A	03/19/2025	<0.00250	<0.00125	<0.00250	<0.00125	<0.000625	<1.46	<0.00125
		07/23/2025	<0.00250	<0.00125	<0.00250	<0.00125	<0.000625	<1.44	<0.00125
Prairie Creek - Trinity River	PRA-A	03/19/2025	<0.00250	<0.00125	<0.00250	<0.00125	<0.000625	<1.45	<0.00125
		07/22/2025	<0.00250	<0.00125	<0.00250	<0.00125	<0.000625	<1.48	<0.00125
		07/22/2025	<0.00250	<0.00125	<0.00250	<0.00125	<0.000625	<1.45	<0.00125
South Mesquite Creek	SMC-A	04/09/2025	<0.00250	<0.00125	<0.00250	<0.00125	<0.000625	2.96	<0.00125
		04/09/2025	<0.00250	<0.00125	<0.00250	<0.00125	<0.000625	2.79	<0.00125
		07/21/2025	<0.00250	<0.00125	<0.00250	<0.00125	<0.000625	<1.46	<0.00125
	SMC-B	04/09/2025	<0.00250	<0.00125	<0.00250	<0.00125	<0.000625	2.59	<0.00125
		07/21/2025	<0.00250	<0.00125	<0.00250	<0.00125	<0.000625	<1.46	<0.00125
	SMC-C	04/09/2025	<0.00250	<0.00125	<0.00250	<0.00125	<0.000625	2.54	<0.00125
07/21/2025		<0.00250	<0.00125	<0.00250	<0.00125	<0.000625	<1.46	<0.00125	
Turtle Creek - Trinity River	CEDR-1	04/09/2025	<0.00250	<0.00125	<0.00250	<0.00125	<0.000625	<1.45	<0.00125
		07/23/2025	<0.00250	<0.00125	<0.00250	<0.00125	<0.000625	<1.49	<0.00125
		07/23/2025	<0.00250	<0.00125	<0.00250	<0.00125	<0.000625	<1.46	<0.00125
	COO-A	03/18/2025	<0.00250	<0.00125	<0.00250	<0.00125	<0.000625	<1.48	<0.00125
		07/22/2025	<0.00250	<0.00125	<0.00250	<0.00125	<0.000625	<1.49	<0.00125
White Rock Creek - White Rock Lake	DIX-A	03/19/2025	<0.00250	<0.00125	<0.00250	<0.00125	<0.000625	<1.47	<0.00125
		03/19/2025	<0.00250	<0.00125	<0.00250	<0.00125	<0.000625	<1.45	<0.00125
		07/21/2025	<0.00250	<0.00125	<0.00250	<0.00125	<0.000625	<1.48	<0.00125

Table E-6d Pesticides Water Quality Data 2

HUC Watershed	Sample ID	Collection Date	Chlordane (µg/L)	Delta BHC (µg/L)	Dieldrin (µg/L)	Endosulfan I (µg/L)	Endosulfan II (µg/L)	Endosulfan sulfate (µg/L)	Endrin (µg/L)
Bachman Branch - Elm Fork Trinity River	JOES-1	04/09/2025	<0.0250	<0.00250	0.00496	<0.00125	<0.00125	<0.00559	<0.00250
		07/22/2025	<0.0250	<0.00250	0.00233	<0.00125	<0.00125	<0.00559	<0.00250
	BAB-B	03/18/2025	<0.0250	<0.00250	<0.000625	<0.00125	<0.00125	<0.00559	<0.00250
		07/21/2025	<0.0250	<0.00250	<0.000625	0.00418	<0.00125	<0.00559	<0.00250
	NWDA-1	03/18/2025	<0.0250	<0.00250	<0.000625	<0.00125	<0.00125	<0.00559	<0.00250
		07/22/2025	<0.0250	<0.00250	<0.000625	0.00598	<0.00125	<0.00559	<0.00250
	RIB-A	03/18/2025	<0.0250	<0.00250	<0.000625	<0.00125	<0.00125	<0.00559	<0.00250
03/18/2025		<0.0250	<0.00250	<0.000625	<0.00125	<0.00125	<0.00559	<0.00250	
07/21/2025		<0.0250	<0.00250	<0.000625	<0.00125	<0.00125	<0.00559	<0.00250	
City of Dallas – White Rock Creek	ASH-A	03/19/2025	<0.0250	<0.00250	<0.000625	0.0135	<0.00125	<0.00559	<0.00250
		07/23/2025	<0.0250	<0.00250	<0.000625	<0.00125	<0.00125	<0.00559	<0.00250
Delaware Creek - West Fork Trinity River	MOC-A	03/18/2025	<0.0250	<0.00250	<0.000625	<0.00125	<0.00125	<0.00559	<0.00250
		07/22/2025	<0.0250	<0.00250	<0.000625	<0.00125	<0.00125	<0.00559	<0.00250
Farmers Branch - Elm Fork Trinity River	FARM-1	03/17/2025	<0.0500	<0.00500	<0.00125	<0.00250	<0.00250	<0.0112	<0.00500
		07/21/2025	<0.0250	<0.00250	<0.000625	0.00972	<0.00125	<0.00559	<0.00250
Five Mile Creek – Trinity River	FIV-A	03/19/2025	<0.0250	<0.00250	<0.000625	<0.00125	<0.00125	<0.00559	<0.00250
		07/22/2025	<0.0250	<0.00250	<0.000625	<0.00125	<0.00125	<0.00559	<0.00250
	NEW-A	03/19/2025	<0.0250	<0.00250	<0.000625	<0.00125	<0.00125	<0.00559	<0.00250
		07/21/2025	<0.0250	<0.00250	<0.000625	<0.00125	<0.00125	<0.00559	<0.00250
	SEDA-1	04/09/2025	<0.0250	<0.00250	<0.000625	<0.00125	<0.00125	<0.00559	<0.00250
		07/22/2025	<0.0250	<0.00250	<0.000625	<0.00125	<0.00125	<0.00559	<0.00250
Floyd Branch - White Rock Creek	FLO-A	03/18/2025	<0.0250	<0.00250	<0.000625	<0.00125	<0.00125	<0.00559	<0.00250
		07/21/2025	<0.0250	<0.00250	<0.000625	<0.00125	<0.00125	<0.00559	<0.00250
		07/21/2025	<0.0250	<0.00250	<0.000625	<0.00125	<0.00125	<0.00559	<0.00250
	MCK-C	03/17/2025	<0.0500	<0.00500	<0.00125	<0.00250	<0.00250	<0.0112	<0.00500
		07/21/2025	<0.0250	<0.00250	<0.000625	0.00529	<0.00125	<0.00559	<0.00250
Headwaters Five Mile Creek	FIV-D	03/19/2025	<0.0250	<0.00250	<0.000625	<0.00125	<0.00125	<0.00559	<0.00250
		07/22/2025	<0.0250	<0.00250	<0.000625	<0.00125	<0.00125	<0.00559	<0.00250

Table E-6d (continued) Pesticides Water Quality Data 2

Permit-Listed Watershed	Sample ID	Collection Date	Chlordane (µg/L)	Delta BHC (µg/L)	Dieldrin (µg/L)	Endosulfan I (µg/L)	Endosulfan II (µg/L)	Endosulfan sulfate (µg/L)	Endrin (µg/L)
Headwaters Ten Mile Creek	TEN-B	03/19/2025	<0.0250	<0.00250	<0.000625	<0.00125	<0.00125	<0.00559	<0.00250
		07/21/2025	<0.0250	<0.00250	<0.000625	<0.00125	<0.00125	<0.00559	<0.00250
	TEN-D	03/19/2025	<0.0250	<0.00250	<0.000625	<0.00125	<0.00125	<0.00559	<0.00250
		07/21/2025	<0.0250	<0.00250	<0.000625	<0.00125	<0.00125	<0.00559	<0.00250
Headwaters Turtle Creek	CEB-B	04/09/2025	<0.0250	<0.00250	0.0321	<0.00125	<0.00125	<0.00559	<0.00250
		07/23/2025	<0.0250	<0.00250	0.00889	<0.00125	<0.00125	<0.00559	<0.00250
	KNI-A	04/09/2025	<0.0250	<0.00250	0.00260	<0.00125	<0.00125	<0.00559	<0.00250
		07/23/2025	<0.0250	<0.00250	<0.000625	0.00542	<0.00125	<0.00559	<0.00250
	TRO-A	04/09/2025	<0.0250	<0.00250	<0.000625	<0.00125	<0.00125	<0.00559	<0.00250
		07/22/2025	<0.0250	<0.00250	<0.000625	<0.00125	<0.00125	<0.00559	<0.00250
	TUR-A	03/19/2025	<0.0250	<0.00250	<0.000625	<0.00125	<0.00125	<0.00559	<0.00250
		07/23/2025	<0.0250	<0.00250	<0.000625	<0.00125	<0.00125	<0.00559	<0.00250
Prairie Creek - Trinity river	PRA-A	03/19/2025	<0.0250	<0.00250	<0.000625	<0.00125	<0.00125	<0.00559	<0.00250
		07/22/2025	<0.0250	<0.00250	<0.000625	0.00500	<0.00125	<0.00559	<0.00250
		07/22/2025	<0.0250	<0.00250	<0.000625	<0.00125	<0.00125	<0.00559	<0.00250
South Mesquite Creek	SMC-A	04/09/2025	<0.0250	<0.00250	<0.000625	<0.00125	<0.00125	<0.00559	<0.00250
		04/09/2025	<0.0250	<0.00250	<0.000625	<0.00125	<0.00125	<0.00559	<0.00250
		07/21/2025	<0.0250	<0.00250	<0.000625	0.0108	<0.00125	<0.00559	<0.00250
	SMC-B	04/09/2025	<0.0250	<0.00250	<0.000625	<0.00125	<0.00125	<0.00559	<0.00250
		07/21/2025	<0.0250	<0.00250	<0.000625	0.00579	<0.00125	<0.00559	<0.00250
	SMC-C	04/09/2025	<0.0250	<0.00250	<0.000625	<0.00125	<0.00125	<0.00559	<0.00250
07/21/2025		<0.0250	<0.00250	<0.000625	0.0172	<0.00125	<0.00559	<0.00250	
Turtle Creek - Trinity River	CEDR-1	04/09/2025	<0.0250	<0.00250	<0.000625	<0.00125	<0.00125	<0.00559	<0.00250
		07/23/2025	<0.0250	<0.00250	<0.000625	<0.00125	<0.00125	<0.00559	<0.00250
		07/23/2025	<0.0250	<0.00250	0.00205	<0.00125	<0.00125	<0.00559	<0.00250
	COO-A	03/18/2025	<0.0250	<0.00250	<0.000625	<0.00125	<0.00125	<0.00559	<0.00250
		07/22/2025	<0.0250	<0.00250	<0.000625	<0.00125	<0.00125	<0.00559	<0.00250
White Rock Creek - White Rock Lake	DIX-A	03/19/2025	<0.0250	<0.00250	<0.000625	<0.00125	<0.00125	<0.00559	<0.00250
		03/19/2025	<0.0250	<0.00250	<0.000625	<0.00125	<0.00125	<0.00559	<0.00250
		07/21/2025	<0.0250	<0.00250	0.00137	0.00125	<0.00125	<0.00559	<0.00250

Table E-6e Pesticides Water Quality Data 3

HUC Watershed	Sample ID	Collection Date	Endrin aldehyde (µg/L)	G-BHC (Lindane) (µg/L)	Heptachlor (µg/L)	Heptachlor epoxide (µg/L)	Simazine (µg/L)	Methoxychlor (µg/L)	Toxaphene (µg/L)
Bachman Branch - Elm Fork Trinity River	JOES-1	04/09/2025	<0.00592	<0.00344	<0.00169	<0.00125	<0.484	<0.0125	<0.0780
		07/22/2025	<0.00592	<0.00344	<0.00169	<0.00125	<0.496	<0.0125	<0.0780
	BAB-B	03/18/2025	<0.00592	<0.00344	<0.00169	<0.00125	<0.484	<0.0125	<0.0780
		07/21/2025	<0.00592	<0.00344	<0.00169	<0.00125	<0.488	<0.0125	<0.0780
	NWDA-1	03/18/2025	<0.00592	<0.00344	<0.00169	<0.00125	<0.486	<0.0125	<0.0780
		07/22/2025	<0.00592	<0.00344	<0.00169	<0.00125	<0.486	<0.0125	<0.0780
	RIB-A	03/18/2025	<0.00592	<0.00344	<0.00169	<0.00125	<0.489	<0.0125	<0.0780
		07/21/2025	<0.00592	<0.00344	<0.00169	<0.00125	<0.482	<0.0125	<0.0780
City of Dallas – White Rock Creek	ASH-A	03/19/2025	<0.00592	<0.00344	<0.00169	<0.00125	<0.481	<0.0125	<0.0780
		07/23/2025	<0.00592	<0.00344	<0.00169	<0.00125	<0.490	<0.0125	<0.0780
Delaware Creek - West Fork Trinity River	MOC-A	03/18/2025	<0.00592	<0.00344	<0.00169	<0.00125	<0.488	<0.0125	<0.0780
		07/22/2025	<0.00592	<0.00344	<0.00169	<0.00125	<0.491	<0.0125	<0.0780
Farmers Branch - Elm Fork Trinity River	FARM-1	03/17/2025	<0.0118	<0.00688	<0.00338	<0.00250	<0.504	<0.0250	<0.156
		07/21/2025	<0.00592	<0.00344	<0.00169	<0.00125	<0.480	<0.0125	<0.0780
Five Mile Creek – Trinity River	FIV-A	03/19/2025	<0.00592	<0.00344	<0.00169	<0.00125	<0.484	<0.0125	<0.0780
		07/22/2025	<0.00592	<0.00344	<0.00169	<0.00125	<0.514	<0.0125	<0.0780
	NEW-A	03/19/2025	<0.00592	<0.00344	<0.00169	<0.00125	<0.482	<0.0125	<0.0780
		07/21/2025	<0.00592	<0.00344	<0.00169	<0.00125	<0.483	<0.0125	<0.0780
	SEDA-1	04/09/2025	<0.00592	<0.00344	<0.00169	<0.00125	<0.495	<0.0125	<0.0780
		07/22/2025	<0.00592	<0.00344	<0.00169	<0.00125	<0.485	<0.0125	<0.0780
Floyd Branch - White Rock Creek	FLO-A	03/18/2025	<0.00592	<0.00344	<0.00169	<0.00125	<0.498	<0.0125	<0.0780
		07/21/2025	<0.00592	<0.00344	<0.00169	<0.00125	<0.492	<0.0125	<0.0780
		07/21/2025	<0.00592	<0.00344	<0.00169	<0.00125	<0.492	<0.0125	<0.0780
	MCK-C	03/17/2025	<0.0118	<0.00688	<0.00338	<0.00250	<0.493	<0.0250	<0.156
		07/21/2025	<0.00592	<0.00344	<0.00169	<0.00125	<0.497	<0.0125	<0.0780
Headwaters Five Mile Creek	FIV-D	03/19/2025	<0.00592	<0.00344	<0.00169	<0.00125	<0.486	<0.0125	<0.0780
		07/22/2025	<0.00592	<0.00344	<0.00169	<0.00125	<0.505	<0.0125	<0.0780

Table E-6e Pesticides Water Quality Data 3

HUC Watershed	Sample ID	Collection Date	Endrin aldehyde (µg/L)	G-BHC (Lindane) (µg/L)	Heptachlor (µg/L)	Heptachlor epoxide (µg/L)	Simazine (µg/L)	Methoxychlor (µg/L)	Toxaphene (µg/L)
Headwaters Ten Mile Creek	TEN-B	03/19/2025	<0.00592	<0.00344	<0.00169	<0.00125	<0.490	<0.0125	<0.0780
		07/21/2025	<0.00592	<0.00344	<0.00169	<0.00125	<0.504	<0.0125	<0.0780
	TEN-D	03/19/2025	<0.00592	<0.00344	<0.00169	<0.00125	<0.491	<0.0125	<0.0780
		07/21/2025	<0.00592	<0.00344	<0.00169	<0.00125	<0.497	<0.0125	<0.0780
Headwaters Turtle Creek	CEB-B	04/09/2025	<0.00592	<0.00344	<0.00169	<0.00125	<0.493	<0.0125	<0.0780
		07/23/2025	<0.00592	<0.00344	<0.00169	<0.00125	<0.493	<0.0125	<0.0780
	KNI-A	04/09/2025	<0.00592	<0.00344	<0.00169	<0.00125	<0.475	<0.0125	<0.0780
		07/23/2025	<0.00592	<0.00344	<0.00169	<0.00125	<0.486	<0.0125	<0.0780
	TRO-A	04/09/2025	<0.00592	<0.00344	<0.00169	<0.00125	<0.481	<0.0125	<0.0780
		07/22/2025	<0.00592	<0.00344	<0.00169	<0.00125	<0.499	<0.0125	<0.0780
	TUR-A	03/19/2025	<0.00592	<0.00344	<0.00169	<0.00125	<0.486	<0.0125	<0.0780
		07/23/2025	<0.00592	<0.00344	<0.00169	<0.00125	<0.480	<0.0125	<0.0780
Prairie Creek - Trinity River	PRA-A	03/19/2025	<0.00592	<0.00344	<0.00169	<0.00125	<0.485	<0.0125	<0.0780
		07/22/2025	<0.00592	<0.00344	<0.00169	<0.00125	<0.493	<0.0125	<0.0780
		07/22/2025	<0.00592	<0.00344	<0.00169	<0.00125	<0.484	<0.0125	<0.0780
South Mesquite Creek	SMC-A	04/09/2025	<0.00592	<0.00344	<0.00169	<0.00125	<0.506	<0.0125	<0.0780
		04/09/2025	<0.00592	<0.00344	<0.00169	<0.00125	<0.475	<0.0125	<0.0780
		07/21/2025	<0.00592	<0.00344	<0.00169	<0.00125	<0.486	<0.0125	<0.0780
	SMC-B	04/09/2025	<0.00592	<0.00344	<0.00169	<0.00125	<0.490	<0.0125	<0.0780
		07/21/2025	<0.00592	<0.00344	<0.00169	<0.00125	<0.488	<0.0125	<0.0780
	SMC-C	04/09/2025	<0.00592	<0.00344	<0.00169	<0.00125	<0.492	<0.0125	<0.0780
07/21/2025	<0.00592	<0.00344	<0.00169	<0.00125	<0.486	<0.0125	<0.0780		
Turtle Creek - Trinity River	CEDR-1	04/09/2025	<0.00592	<0.00344	<0.00169	<0.00125	<0.484	<0.0125	<0.0780
		07/23/2025	<0.00592	<0.00344	<0.00169	<0.00125	<0.495	<0.0125	<0.0780
		07/23/2025	<0.00592	<0.00344	<0.00169	<0.00125	<0.488	<0.0125	<0.0780
	COO-A	03/18/2025	<0.00592	<0.00344	<0.00169	<0.00125	<0.495	<0.0125	<0.0780
		07/22/2025	<0.00592	<0.00344	<0.00169	<0.00125	<0.497	<0.0125	<0.0780
White Rock Creek - White Rock Lake	DIX-A	03/19/2025	<0.00592	<0.00344	<0.00169	<0.00125	<0.490	<0.0125	<0.0780
		03/19/2025	<0.00592	<0.00344	<0.00169	<0.00125	<0.483	<0.0125	<0.0780
		07/21/2025	<0.00592	<0.00344	<0.00169	<0.00125	<0.493	<0.0125	<0.0780

Note:

Table E-7 Rapid Bioassessment Data Bacteria Trends							
Watershed (Sample Location)	Geomean	Percent Improvement	# Samples	Maximum	Minimum	# of Exceedances	Period of Record
Elm Fork Trinity River (Texas Segment 0822)							
Elm Fork Trinity River (ELMT-1)	254.243953	4%	4	980	66	3	2024-2025
Furneaux Creek (FUR-A)	51	-3%	4	100	24	0	2024-2025
Hutton Branch (HUTT-1)	182	5%	4	2400	16	2	2024-2025
Elm Fork @ Cooks Branch (EFCB-1)	26	12%	5	1700	3	1	2024-2025
Farmers Branch (FARM-1)	39	-3%	5	150	18	1	2024-2025
Joe's Creek (JOES-1)	1535.853892	4%	4	2400	690	4	2024-2025
West Joe's Creek (NWDA-1)	106.9919175	-10%	4	2400	1	3	2024-2025
Upper Bachman Creek (BAB-C)	435.6337243	8%	5	2400	99	4	2024-2025
Bachman Creek, U/S Bachman Lake (BAB-B)	66.21269028	-4%	5	340	6	3	2024-2025
Bachman Creek (LBAC-1)	117.8348212	5%	6	520	5	4	2024-2025
California Crossing (CAC-A)	40.23640775	-13%	5	280	2	1	2024-2025
Daniel's Creek (DAN-A)	973.6139109	4%	4	2400	130	4	2024-2025
Richard's Branch (RIB-A)	545.9510685	-3%	5	1300	250	5	2024-2025
Elm Fork Trinity River (NWD-5)	1436.857009	12%	4	2400	370	4	2024-2025
Lower West Fork Trinity River (Texas Stream Segment 0841)							
Fish Creek – Mountain Creek Lake							
Mountain Creek U/S (MOC-B)	17	-6%	4	150	3	1	2024-2025
Artesian Creek (ART-A)	31.5705571	-12%	5	410	1	2	2024-2025
Delaware Creek (DELA-1)	228.3086729	-7%	4	1300	100	2	2024-2025
Mountain Creek, D/S (MOC-A)	4	-19%	5	25	1	0	2024-2025
Lower Mountain Creek (LMOC-1)	111	-7%	4	2400	15	1	2024-2025
West Fork Trinity River (WDAL-2)	157.8	-14%	4	2400	7	2	2024-2025
Elm Fork Trinity River (ELMT-1)	254.243953	4%	4	980	66	3	2024-2025

Note: U/S = upstream, D/S = downstream

Table E-7 (continued) Rapid Bioassessment Data Bacteria Trends

Watershed (Sample Location)	Geomean	Percent Improvement	# Samples	Maximum	Minimum	# of Exceedances	Period of Record
Main Stem Trinity River (Texas Stream Segment 0805-04) [Segment from West Fork/Elm Fork confluence to Cedar Creek]							
Headwaters Turtle Creek							
Dallas East Bank Sump (Delta) (U/S) (DAEB-2)	89.09	-14%	4	390	19	2	2024-2025
Dallas East Bank Sump (D/S) (DAEB-1)	120	1%	4	1100	26	1	2024-2025
Knights Branch (KNI-A)	47.85	-13%	4	920	1	2	2024-2025
Old Trinity River, U/S (TRO-C)	46.6	-21%	5	2400	3	1	2024-2025
Old Trinity River, D/S (TRO-A)	438.2	9%	4	1100	170	4	2024-2025
Cedar Branch (CEB-B)	851.3	0%	4	1400	440	4	2024-2025
Turtle Creek, U/S (TUR-C)	110.4	-10%	5	730	9	2	2024-2025
Turtle Creek, D/S (TUR-A)	1032	3%	4	2400	570	4	2024-2025
Dallas East Bank, (CBD-2)	2400	6%	5	2400	2400	5	2024-2025
Main Stem Trinity River (Texas Stream Segment 0805-04) [Segment from West Fork/Elm Fork confluence to Cedar Creek]							
Turtle Creek – Trinity River (West Bank)							
Fish Trap Lake (FIL-A)	37	-15%	4	870	3	1	2024-2025
Coombs Creek (COO-A)	236.4	-3%	4	390	140	4	2024-2025
Dallas West Bank Sump System (DAWB-3)	68.31	-15%	4	270	9	2	2024-2025
Lake Cliff (LAC-B)	223.7	8%	4	2400	9	3	2024-2025
Lake Cliff (LAC-A)	79	-1%	4	580	5	2	2024-2025
Cedar Creek – U/S (CEC-B)	475.1	-10%	4	2000	14	3	2024-2025
Cedar Creek – D/S (CEDR-1)	394.2	3%	5	870	150	5	2024-2025
Main Stem Trinity River (Texas Stream Segment 0805-03) [Segment from Cedar Creek to Five Mile Creek]							
Five Mile Creek – Trinity River							
West Sump System (SDAL-1)	520.9	3%	4	1100	240	4	2024-2025
Honey Springs Branch (SEDA-1)	396.6	8%	4	1400	100	3	2024-2025
Elam Creek, U/S @175 (ELA-B)	191.7	-14%	5	820	75	3	2024-2025
Elam Creek, D/S (ELA-A)	325.7	-5%	5	820	190	5	2024-2025

Note: U/S = upstream, D/S = downstream

Table E-7 (continued) Rapid Bioassessment Data Bacteria Trends

Watershed (Sample Location)	Geomean	Percent Improvement	# Samples	Maximum	Minimum	# of Exceedances	Period of Record
Five Mile Creek System							
Headwaters Five Mile Creek							
Five Mile Creek – U/S @ Loop 12 (FIV-E)	253.3273799	0%	4	2400	15	3	2024-2025
Five Mile Creek -U/S @ Loop 12 (FIV-D)	542.4940987	11%	4	2400	150	4	2024-2025
Crow Creek (CRO-A)	157.9479185	-12%	4	460	11	3	2024-2025
Woody Branch (WOO-A)	82.18879577	-10%	4	390	390	3	2024-2025
Rickett’s Branch (RIC-B)	99.79336038	-7%	4	770	2	3	2024-2025
Five Mile Creek, M/S @ (FIV-C)	92.77628276	-5%	4	210	21	2	2024-2025
Five Mile Creek – Trinity River							
Five Mile Creek, M/S @ (FIV-B)	39.81088968	-10%	4	93	5	0	2024-2025
Five Mile Creek, D/S @ SH310 (FIV-A)	46	-1%	4	410	10	1	2024-2025
Newton Creek (NEW-A)	335.0169514	3%	4	1700	150	4	2024-2025
Main Stem Trinity River (Texas Stream Segment 0805-02) [Segment from Five Mile Creek to Ten Mile Creek]							
East Bank – Trinity River							
Upper Prairie Creek – Trinity River							
Prairie Creek, U/S (PRAI 2)	127.7374747	-2%	4	260	64	1	2024-2025
Prairie Creek, D/S (PRA-A)	185.5971708	1%	5	250	130	5	2024-2025
Hickory Creek - Parson’s Slough							
Hickory Creek (HIC-D)	628.7653132	9%	5	2400	210	4	2024-2025
Main Stem Above Ten Mile Creek (ATEN-1)	388.1174974	-18%	5	820	130	5	2024-2025
Headwaters Ten Mile Creek							
Ten Mile Creek, U/S (Ten-D)	226.4825748	6%	5	330	180	5	2024-2025
Ten Mile Creek, D/S (Ten-B)	163	2%	4	250	87	3	2024-2025

Note: U/S = upstream, D/S = downstream, M/S = midstream

Table E-7 (continued) Rapid Bioassessment Data Bacteria Trends

Watershed (Sample Location)	Geomean	Percent Improvement	# Samples	Maximum	Minimum	# of Exceedances	Period of Record
White Rock Creek System (Texas Stream Segment 0827) [discharges into trinity River Stream Segment 0805-03]							
Headwater White Rock Creek							
White Rock creek Above Lake (UWRC-1)	125	7%	5	690	28	2	2024-2025
Floyd Branch – White Rock Creek							
McKamy Branch (MCK-C)	494.2	6%	5	1000	140	5	2024-2025
Cottonwood Creek (COT-C)	748.4	0%	4	2400	290	4	2024-2025
Floyd Branch (FLO-A)	818.7188945	3%	5	2400	340	5	2024-2025
White Rock Creek – U/S (WHC-C)	271.2216787	2%	4	390	150	4	2024-2025
White Rock Creek – White Rock Lake							
Jackson Branch (JAC-A)	480.8561459	5%	5	980	190	5	2024-2025
Dixon Branch (DIX-A)	334.0288017	-2%	5	490	160	5	2024-2025
Williamson Branch (WIL-A)	192.8311724	-3%	5	1000	21	3	2024-2025
McCommas Creek (MCC-A)	70.51361678	-9%	5	460	18	1	2024-2025
City of Dallas – White Rock Creek							
Ash Creek (ASH-A)	219	3%	4	650	78	2	2024-2025
White Rock Creek below Lake (WHC-A)	72.96736966	-7%	4	250	23	2	2024-2025
Lake Ray Hubbard (Texas Stream Segment 0820)							
Pitman Creek – Spring Creek							
Spring Creek (SPC-A)	142.1650033	-3%	4	460	74	1	2024-2025
Duck Creek							
Long Branch Creek (LON-B)	433.2014874	3%	4	2400	110	3	2024-2025
East Fork Trinity River (Texas Stream Segment 0819)							
South Mesquite Creek (Reference)							
South Mesquite creek – U/S (SMC-C)	124.6751745	6%	4	520	44	1	2024-2025
South Mesquite creek – Mid (SMC-B)	199.1343967	3%	4	390	120	3	2024-2025
South Mesquite creek – D/S (SMC-A)	147.0682757	2%	5	730	17	3	2024-2025
White Rock creek Above Lake (UWRC-1)	125	7%	5	690	28	2	2024-2025
NOTES:							
Values indicate change in Geomean over Period of Record							