



**NORTH CENTRAL TEXAS COUNCIL OF GOVERNMENTS
NCTCOG STORMWATER QUALITY MONITORING PROJECT
PROJECT ID 100042714
CITY OF PLANO**

**Sample Collection Report
Event Date: July 8, 2015**

Storm Summary

Storm description: Storms formed west of the Dallas-Fort Worth metroplex and moved across the region in a northeast direction bringing heavy rainfall.

Rain event start time and date: 1330 07/08/15 Rainfall total: 0.78 in
Rain event end time and date: 1440 07/08/15 Peak 1-hr rate: 0.74 in/hr

Rainfall station: PL 1501
Antecedent dry period: 185 hrs

Comments: None.

PL 1501

Station location description: Spring Creek at Legacy

Flow start time and date: 1330 07/08/15 Time first aliquot collected: 1333
Flow end time and date: 1533 07/08/15 Time last aliquot collected: 1533

Peak depth: 0.8 ft Aliquots collected: 6
Average depth: 0.3 ft Total sample volume: 3.5 gal

Comments: Aliquots were collected manually due to an error with the sampler. The flow end time and date are a result of the sampling equipment being removed at the conclusion of the sampling activities.

PL 1502

Station location description: Spring Creek at 16th Street

Flow start time and date: 1340 07/08/15 Time first aliquot collected: 1354

Flow end time and date: 1600 07/08/15 Time last aliquot collected: 1557

Peak depth: 3.2 ft Aliquots collected: 6

Average depth: 2.2 ft Total sample volume: 3.5 gal

Comments: The flow end time and date are a result of the sampling equipment being removed at the conclusion of the sampling activities.

Prepared By: Kyle McKee

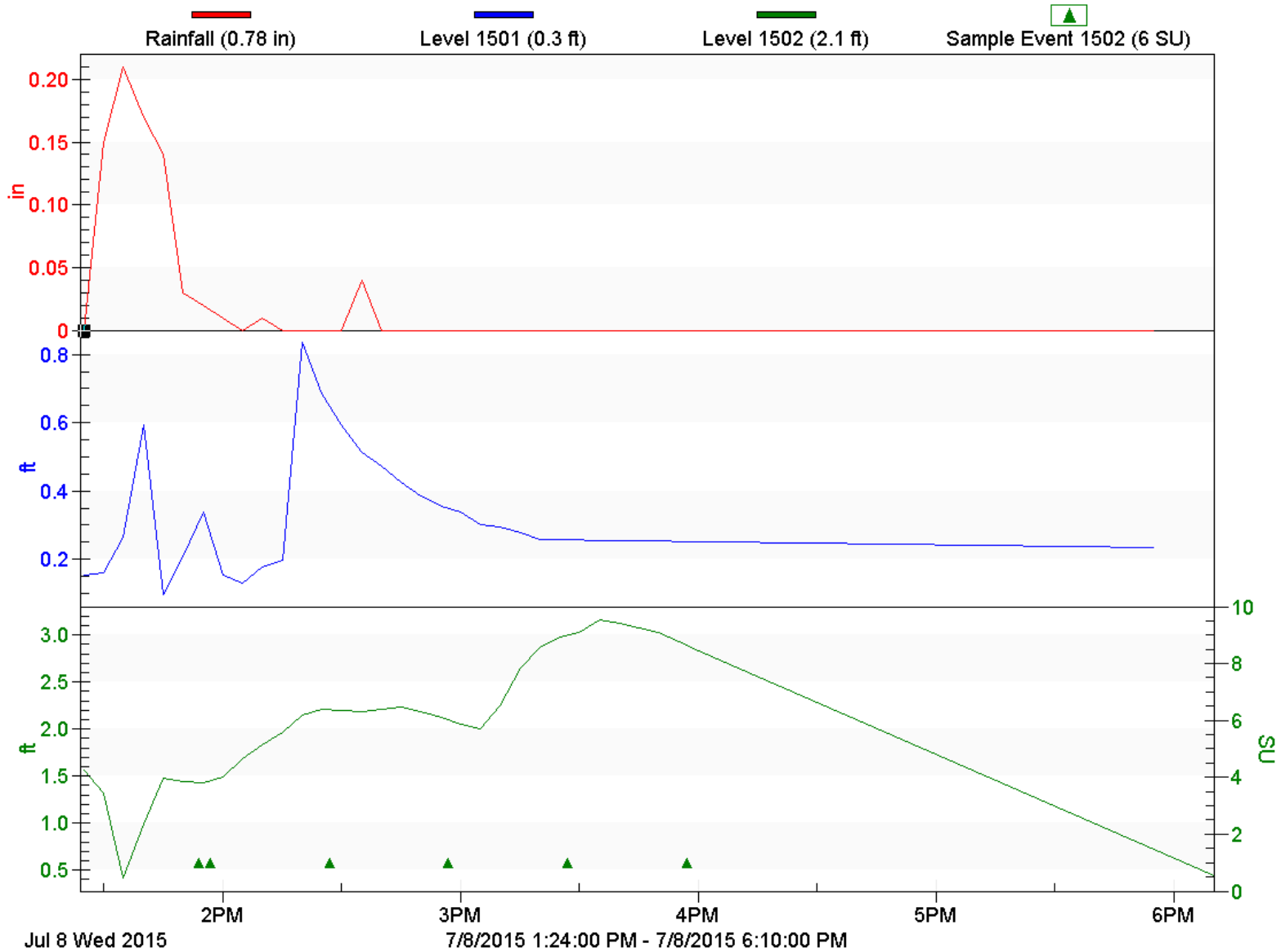
Date: July 13, 2015

Checked By: Chad Richards

Date: October 12, 2015

7/8/2015 13:25, 0.000

City of Plano
PL 1501 and PL 1502



Jul 8 Wed 2015

7/8/2015 1:24:00 PM - 7/8/2015 6:10:00 PM

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Analytical Results Summary
NCTCOG Stormwater Quality Monitoring Project
NCTCOG Project 100042714

CITY OF PLANO 2015

Storm Event: 07/08/2015 Project Number: 100042714	PL 1501	PL 1502	
PARAMETER NAME	COMPOSITE	COMPOSITE	UNIT
Total Dissolved Solids (TDS)	32.0	184	mg/L
Total Suspended Solids (TSS)	15.67	286.0	mg/L
Biochemical Oxygen Demand	16.0	15.0	mg/L
Chemical Oxygen Demand	25.0	7.00	mg/L
Total Nitrogen	3.02	4.54	mg/L
Phosphorus, Dissolved	0.09	0.06	mg/L
Carbaryl	< 0.060 U	< 0.060 U	µg/L
Arsenic, Total	0.004 J	< 0.002 U	mg/L
Copper, Total	0.012 J	0.009 J	mg/L
Lead, Total	< 0.004 U	< 0.004 U	mg/L
Zinc, Total	0.019	0.026	mg/L
Chromium, Total	0.006 J	0.011	mg/L
Phosphorus, Total	0.11	0.11	mg/L
PARAMETER NAME	GRAB	GRAB	UNIT
Oil & Grease(HEM)	7.90	10.1	mg/L
pH (field)	8.8	8.4	su
Ambient Air Temperature (field)	76	75	°F
Water Temperature (field)	77.1	78.8	°F
E. Coli	9000	4000	col/100 mL
Specific Conductivity	170	525	µS/cm
Total Coliforms	12000	9500	col/100 mL

">" - Not Identified Above the Upper Detection Limit
"<" - Not Identified Below the Lower Detection Limit
J - Positively Identified Below the Lower Detection Limit
NST - No Sample Taken
U - Undetected