



**NORTH CENTRAL TEXAS COUNCIL OF GOVERNMENTS
NCTCOG STORMWATER QUALITY MONITORING PROJECT
PROJECT ID 100031239
CITY OF PLANO 2013**

**Sample Collection Report
Event Date: July 11, 2013**

Storm Summary

Storm description: A line of light showers moved into the region from the northwest in the afternoon followed by scattered thunderstorms in the evening.

Rain event start time and date: 1720 07/11/13 Rainfall total: 0.75 in
Rain event end time and date: 1935 07/11/13 Peak 1-hr rate: 0.72 in/hr

Rainfall station: PL1301
Antecedent dry period: 562 hrs

Comments: The antecedent dry period was calculated based on the data obtained from weather station KTXPLANO19 at Deerfield in Plano, for this event (www.wunderground.com/weatherstation).

PL 1301

Station location description: Preston-Hedgcox Plaza and White Rock Creek

Flow start time and date: 1730 07/11/13 Time first aliquot collected: 1737
Flow end time and date: 1940 07/11/13 Time last aliquot collected: 1939

Peak depth: 4.2 ft Aliquots collected: 6
Average depth: 2.5 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 sampling activities.

PL 1302

Station location description: North of Plano Parkway

Flow start time and date: 1750 07/11/13 Time first aliquot collected: 1754
Flow end time and date: 2030 07/11/13 Time last aliquot collected: 1957

Peak depth: 0.6 ft Aliquots collected: 6
Average depth: 0.5 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: Vinod Balakrishnan

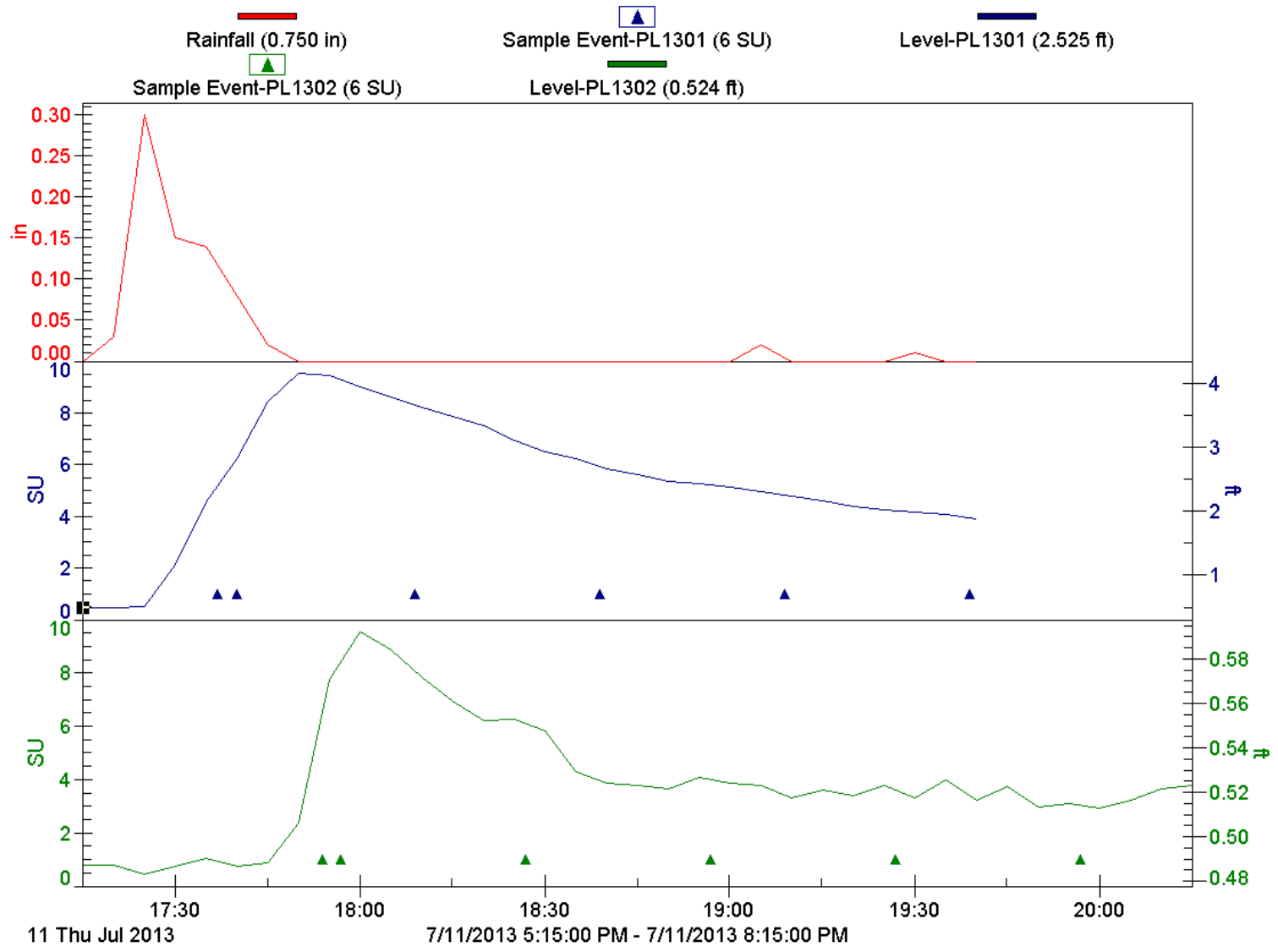
Date: July 18, 2013

Checked By: Chad Richards

Date: August 21, 2013

7/11/2013 17:15, 0.491

City of Plano
 PL 1301 & PL 1302



Analytical Results Summary
NCTCOG Stormwater Quality Monitoring Project
NCTCOG Project 100031239
CITY OF PLANO 2013

Storm Event: 7/11/13 Project Number: 100031239	PL 1301	PL 1302	
PARAMETER NAME	COMPOSITE	COMPOSITE	UNIT
Total Dissolved Solids (TDS)	368	587	mg/L
Total Suspended Solids (TSS)	199.0	28.33	mg/L
Biochemical Oxygen Demand	10.0	5.87	mg/L
Chemical Oxygen Demand	16.6	45.20	mg/L
Total Nitrogen	2.84	3.72	mg/L
Phosphorus, Dissolved	0.08	0.10	mg/L
Carbaryl	<0.060 U	<0.060 U	µg/L
Arsenic, Total	0.010	0.008 J	mg/L
Copper, Total	0.022	0.033	mg/L
Lead, Total	0.01	0.009 J	mg/L
Zinc, Total	0.050	0.091	mg/L
Chromium, Total	0.007 J	<0.003 U	mg/L
Phosphorus, Total	0.56	0.21	mg/L
PARAMETER NAME	GRAB	GRAB	UNIT
Oil & Grease(HEM)	1.90 J	3.20 J	mg/L
pH (field)	8.7	8.4	su
Ambient Air Temperature (field)	88	88	°F
Water Temperature (field)	86.2	84.3	°F
E. Coli	6.00	9.00	col/100 mL
Specific Conductivity	384	469	µS/cm
Total Coliforms	7,400	9,100	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