



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

**Sample Collection Report
Event Date: April 10, 2013**

Storm Summary

Storm description: Scattered light showers moved across the region in the early morning hours prior to a cold front. The cold front that moved across the region from the west in the mid-morning hours brought widespread showers followed by a smaller system that brought additional rainfall in the afternoon.

Rain event start time and date: 0625 04/10/13 Rainfall total: 0.11 in
Rain event end time and date: 1440 04/10/13 Peak 1-hr rate: 0.07 in/hr

Rainfall station: PL1301
Antecedent dry period: 169 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-Hedgcoxe Plaza and White Rock Creek

Flow start time and date: 1210 04/10/13 Time first aliquot collected: 1226
Flow end time and date: 1505 04/10/13 Time last aliquot collected: 1429

Peak depth: 1.4 ft Aliquots collected: 6
Average depth: 0.6 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: 1240 04/10/13 Time first aliquot collected: 1255

Flow end time and date: 1525 04/10/13 Time last aliquot collected: 1458

Peak depth: 1.2 ft Aliquots collected: 6

Average depth: 0.7 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

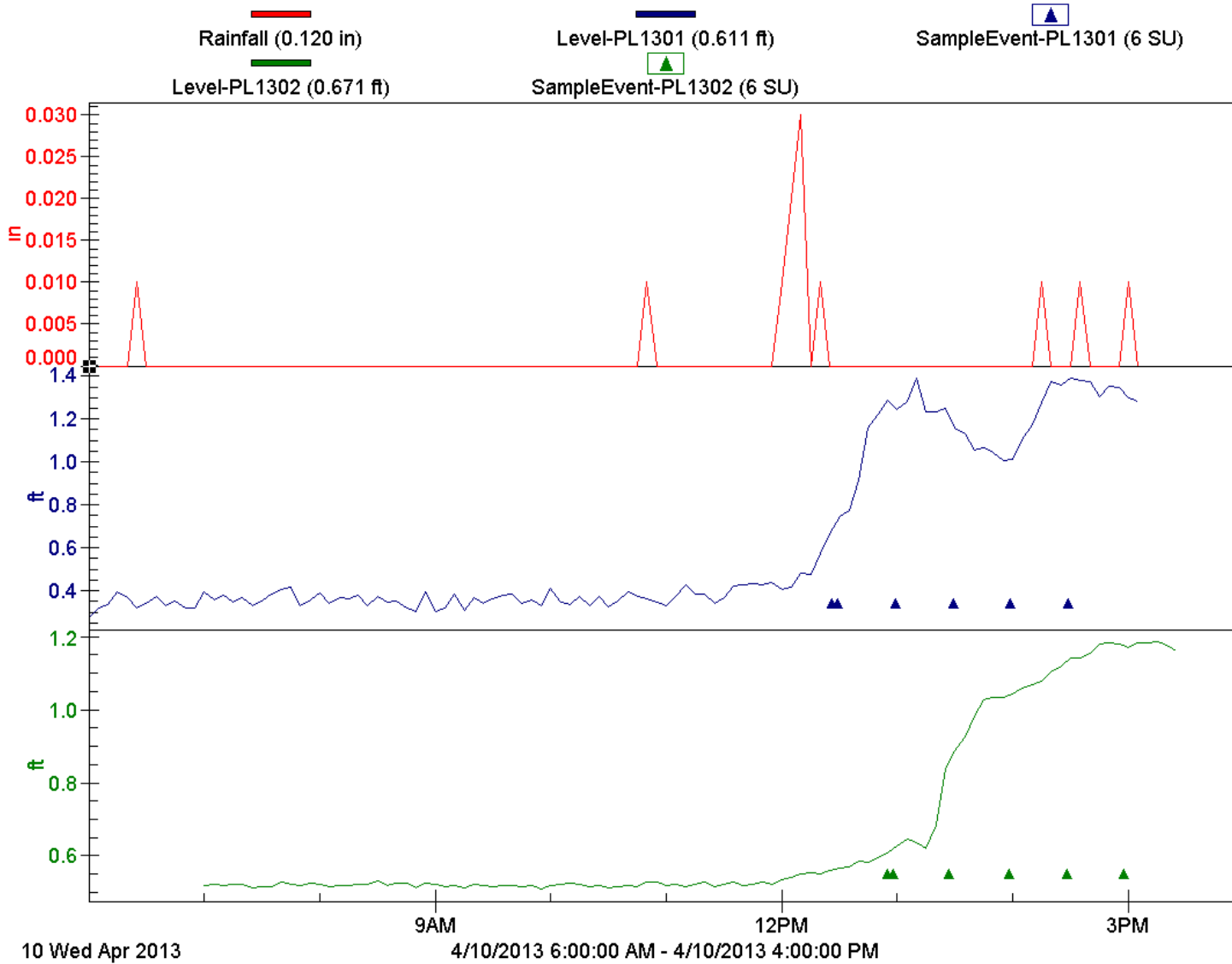
Date: April 26, 2013

Checked By: Chad Richards

Date: May 17, 2013

4/10/2013 8:00, 0.000

City of Plano
PL1301 & PL1302



10 Wed Apr 2013

4/10/2013 6:00:00 AM - 4/10/2013 4:00:00 PM

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

Storm Event: 4/10/13 Project Number: 100031239	PL 1301	PL 1302	
PARAMETER NAME	COMPOSITE	COMPOSITE	UNIT
Total Dissolved Solids (TDS)	365	404	mg/L
Total Suspended Solids (TSS)	142.0	6.000	mg/L
Biochemical Oxygen Demand	3.00	3.90	mg/L
Chemical Oxygen Demand	6.00	7.80	mg/L
Total Nitrogen	2.62	3.59	mg/L
Phosphorus, Dissolved	0.06	0.03	mg/L
Carbaryl	<0.060 U	<0.060 U	µg/L
Arsenic, Total	<0.002 U	<0.002 U	mg/L
Copper, Total	0.011 J	0.026	mg/L
Lead, Total	<0.004 U	<0.004 U	mg/L
Zinc, Total	0.036 J	0.076	mg/L
Chromium, Total	0.007 J	0.007 J	mg/L
Phosphorus, Total	0.21	0.23	mg/L
PARAMETER NAME	GRAB	GRAB	UNIT
Oil & Grease(HEM)	1.80 J	<1.40 U	mg/L
pH (field)	8.1	7.9	su
Ambient Air Temperature (field)	43	42	°F
Water Temperature (field)	53.4	62.9	°F
E. Coli	26.0	15.0	col/100 mL
Specific Conductivity	990	963	µS/cm
Total Coliforms	1,200	1,130	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