



Storm Event Summary Report

City and County of Honolulu Kaelepulu Pond Monitoring

Site Location: **Hele Lined Channel**

Sample ID: **Hele**

Sample Date: **2/3/2015**

Event Rainfall: **0.28-inches**

Sampling Results Summary Table

	Parameter (units)	Analytical Result	Method
C O M P	Total Suspended Solids (mg/l)	101	<i>SM 2540 D</i>
	Ammonia Nitrogen (mg/l)	0.161	<i>EPA 350.1</i>
	Nitrate + Nitrite as Nitrogen (mg/l)	0.379	<i>EPA 353.2</i>
	Total Phosphorous (mg/l)	0.463	<i>EPA 365.3</i>

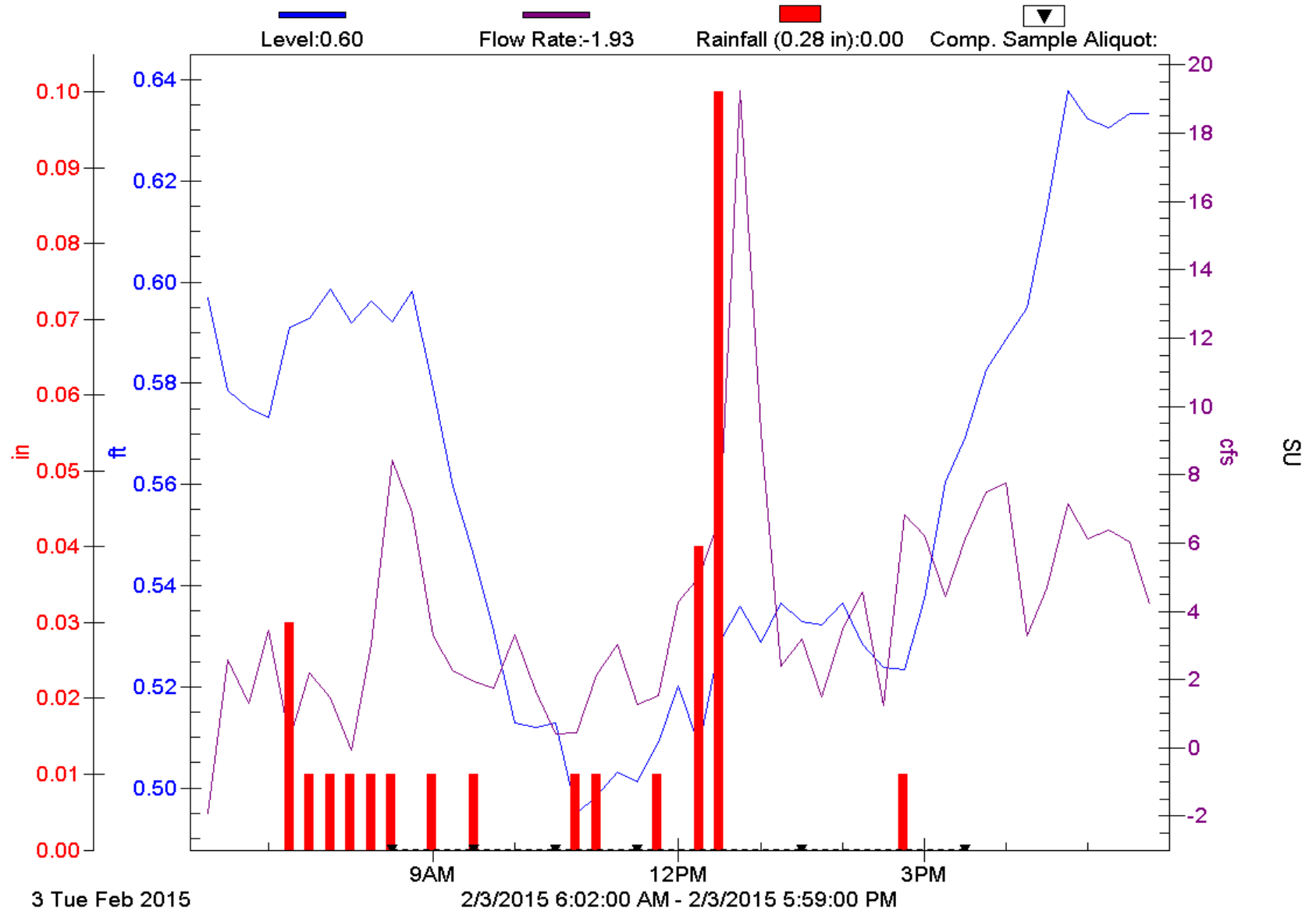
*Composite parameters analytical results represent event mean concentration (EMC).

Enclosures:

- 1. Storm Event Hydrograph with Rainfall Data and Composite Aliquot Sample Markers**
- 2. Storm event *Composite and Flow Calculation Form***
- 3. Columbia Analytical Services (CAS) Laboratory *COC and Analytical Report***

Hele Lined Channel

Kaelepulu Watershed Study





Composite and Flow Calculation Form
City and County of Honolulu Kaelepulu Pond Monitoring

Site Location: Hele Lined Channel

Sample ID: Hele
 Sample Start Date: 2/3/2015
 Sample Team: BB/BK
 Last Significant Rain Event: 1/24/2015 22:15
 Rain Event Start Date/Time: 2/3/2015 7:15
 Sampler Enable Date/Time: 2/3/2015 7:30
 Grab Sample Date/Time: 2/3/2015 11:03
 Composite Sample Date/Time: 2/3/2015 15:30

Sampler Part A- Aliquot Interval (hrs): 1.00
 Sampler Part A- Number of Aliquots: 4

Sampler Part B- Aliquot Interval (hrs): 2.00
 Sampler Part B- Number of Aliquots: 2

Composite Sample- Total Time (hrs): 8.00
 Composite Sample- Total Aliquots: 6

Composite

Aliquot Period Date/Time	Aliquot (Bottle) Number	Aliquot Period Flow - Q _A (CF)	Aliquot Period Average Flow Intensity (CFS)	Aliquot Period % Q _A /Total Q (percent)	Volume for 2000 mL Composite Bottle (mL)	Volume for 1000 mL Composite Bottle (mL)	Volume for 500 mL Composite Bottle (mL)
2/3/2015 8:30	1	11546	3.207	15.23%	304.59	152.30	76.15
2/3/2015 9:30	2	12964	3.601	17.10%	342.02	171.01	85.50
2/3/2015 10:30	3	6397	1.777	8.44%	168.77	84.39	42.19
2/3/2015 11:30	4	6170	1.714	8.14%	162.77	81.38	40.69
2/3/2015 13:30	5	46556	6.466	30.71%	614.11	307.06	153.53
2/3/2015 15:30	6	30910	4.293	20.39%	407.73	203.87	101.93
Storm Total:	6	114543	21.058	100%	2000	1000	500