



Storm Event Summary Report

City and County of Honolulu Kaelepulu Pond Monitoring

Site Location: Kaopa Lined Channel

Sample ID: **Kaopa**

Sample Date: 1/3/2015

Event Rainfall: 0.96-inches

Sampling Results Summary Table

	Parameter (units)	Analytical Result	Method
C O M P	Total Suspended Solids (mg/l)	19	<i>SM 2540 D</i>
	Ammonia Nitrogen (mg/l)	0.029	<i>EPA 350.1</i>
	Nitrate + Nitrite as Nitrogen (mg/l)	0.21	<i>EPA 353.2</i>
	Total Phosphorous (mg/l)	0.157	<i>EPA 365.3</i>

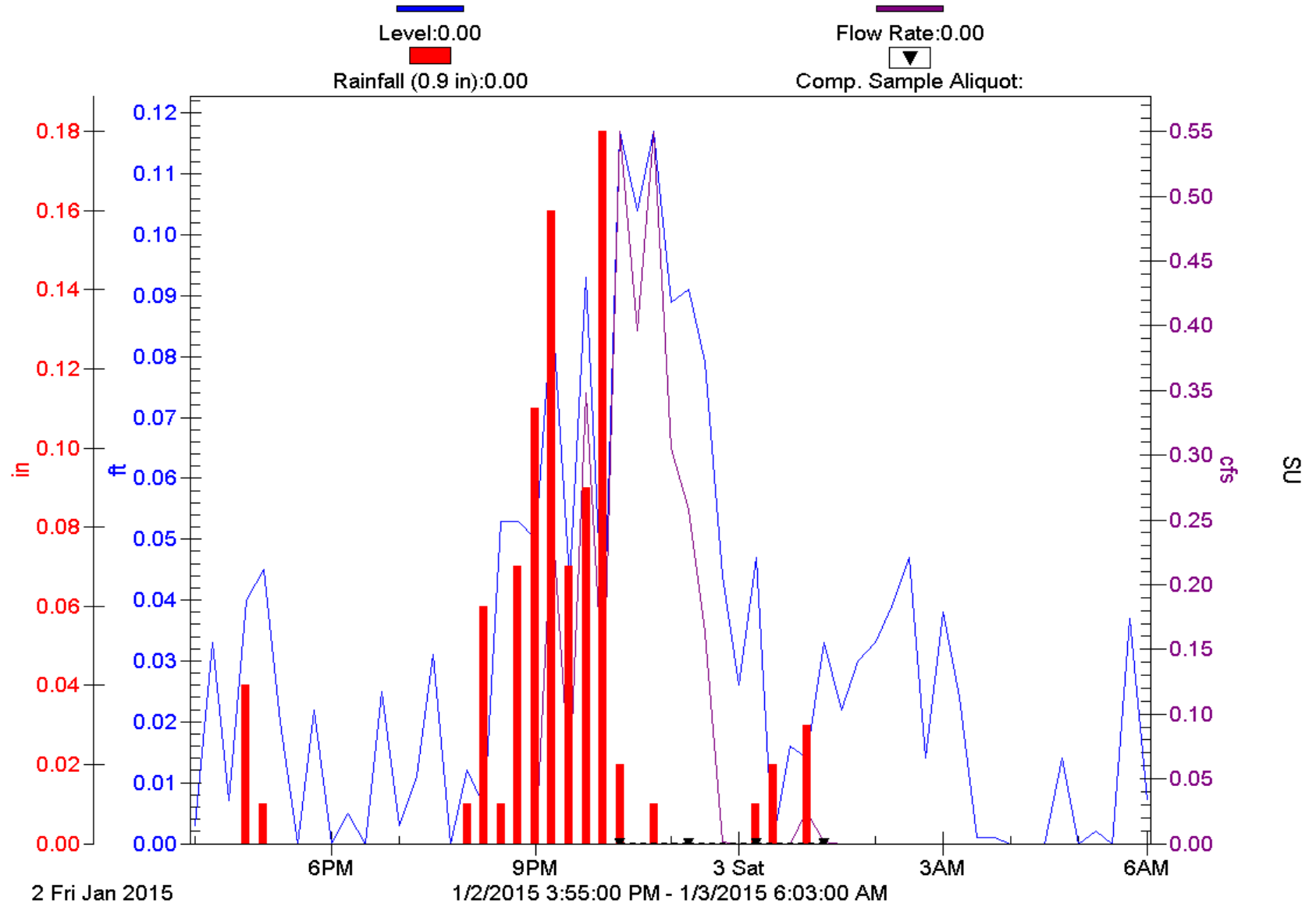
*Composite parameters analytical results represent event mean concentration (EMC).

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***

Kaopa Lined Channel

Kaelepulu Watershed Study





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

Site Location: Kaopa Lined Channel

Sample ID: Kaopa
 Sample Start Date: 1/2/2015
 Sample Team: EP/BB/BK
 Last Significant Rain Event: 12/30/2015 23:00
 Rain Event Start Date/Time: 1/2/2015 10:45
 Sampler Enable Date/Time: 1/2/2015 21:15
 Grab Sample Date/Time: Not collected due to lab closure.
 Composite Sample Date/Time: **1/3/2015 1:15**

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: 0

Composite Sample- Total Time (hrs): 4.00
 Composite Sample- Total Aliquots: 4

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)
1/2/2015 22:15	1	951.30	0.264	38.37%	767.33	383.67	191.83
1/2/2015 23:15	2	1357.20	0.377	54.74%	1094.74	547.37	273.68
1/3/2015 0:15	3	147.60	0.041	5.95%	119.06	59.53	29.76
1/3/2015 1:15	4	23.40	0.007	0.94%	18.87	9.44	4.72
Storm Total:	4	2479.50	0.689	100%	2000	1000	500