

## APPENDIX K

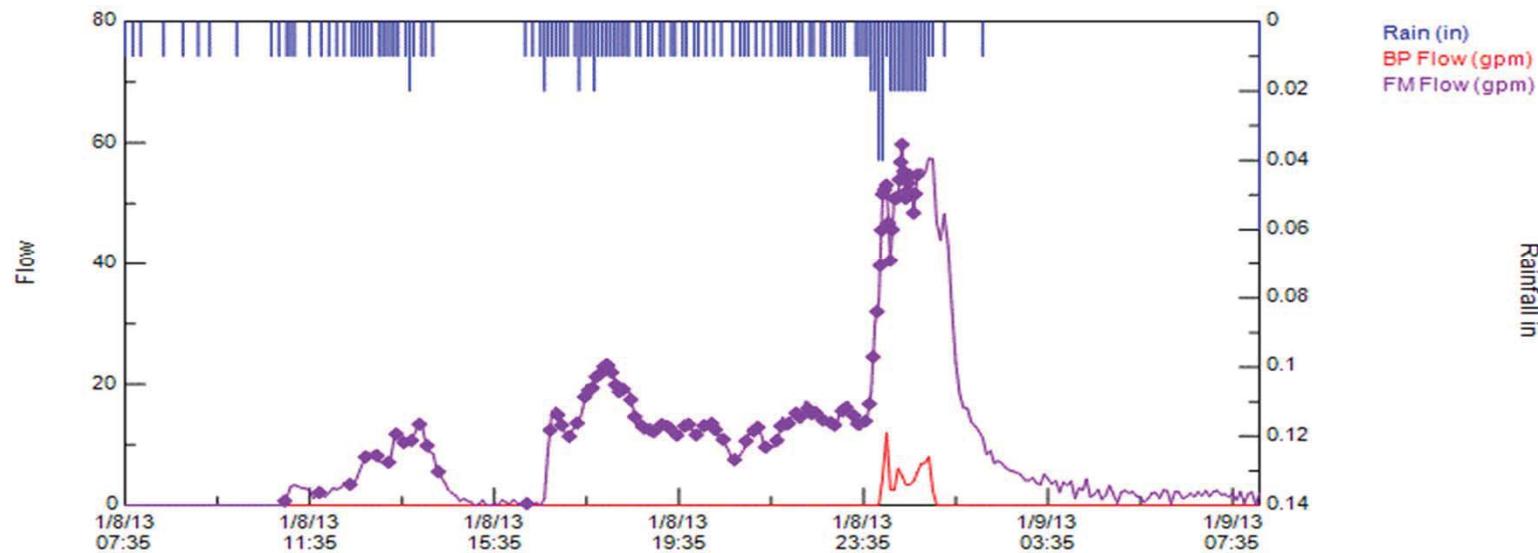
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### Individual Storm Reports for Sampled Storm Events



# Individual Storm Report

## Filterra Bellingham Event 1/8/2013



Precipitation Information			
	Goal	Result	QA Notes
Precipitation Total (in)	≥0.15	1.42	
Precipitation Duration (hr)	≥1	18.6	
Max Precip. Intensity (in/5 min)	NA	0.04	
Mean Precip. Intensity (in/hr)	0.03	0.08	
Antecedent Dry Period (hr)	≥6	24.3	

Sampling Information				
Goal	Result	QA	notes	
Number of Aliquots	≥10	91		
% Storm Sampled	≥75	73		
Sampling Duration (hr)	≤36	14		

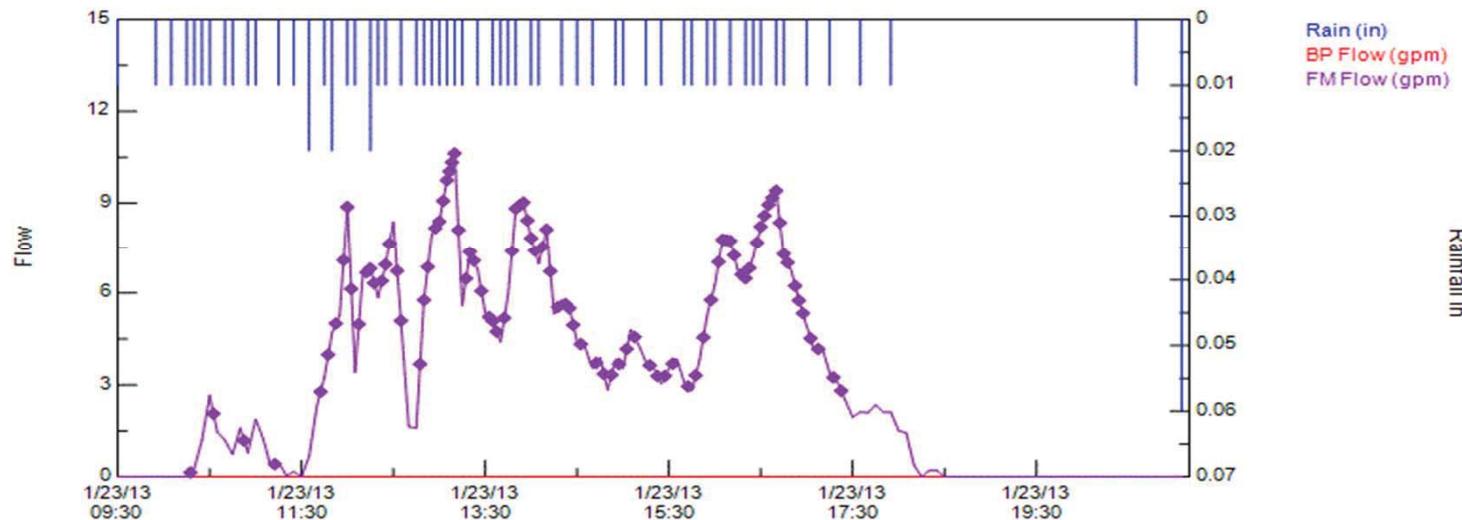
Flow Information				
Goal	Treated	QA	Bypass	QA notes
Max Discharge (gpm)	NA	59.8	11.9	
Duration (hr)	NA	20.6	1.2	
Volume (gal)	NA	14076.0	368.2	

Sample Results - Flow Composite						
	Units	IN	QA	OUT	QA	MDL
Total Phosphorus	mg/L	0.08		0.03		
Ortho-Phosphorus	mg/L	0.02		0.01		
Total Suspended Solids	mg/L	30.0		7.0		
pH	std units					
Particle Size Distribution <3.9 µm	%finer	3.56		7.44		
Particle Size Distribution 3.9-62.5 µm	%finer	17.56		0.00		
Particle Size Distribution 62.5-250 µm	%finer	0.00		0.00		
Particle Size Distribution >250 µm	%finer	11.21		8.47		

**notes:** j = conditional use (storm/sampling criteria); J = conditional use (chemical analysis criteria); r = rejected (storm/sampling criteria)  
R = rejected (chemical analysis criteria); U = at or below detection limit; G = value greater than max. detection limit; NA = not applicable

## Individual Storm Report

**Filterra Bellingham Event 1/23/2013**



Precipitation Information			
	Goal	Result	QA Notes
Precipitation Total (in)	≥0.15	0.62	
Precipitation Duration (hr)	≥1	11.7	
Max Precip. Intensity (in/5 min)	NA	0.02	
Mean Precip. Intensity (in/hr)	0.03	0.05	
Antecedent Dry Period (hr)	≥6	312.6	

Sampling Information				
	Goal	Result	QA	notes
Number of Aliquots	≥10	91		
% Storm Sampled	≥75	96		
Sampling Duration (hr)	≤36	7		

Flow Information					
	Goal	Treated	QA	Bypass	QA notes
Max Discharge (gpm)	NA	10.6		0.0	
Duration (hr)	NA	8.0		0.0	
Volume (gal)	NA	2105.3		0.0	

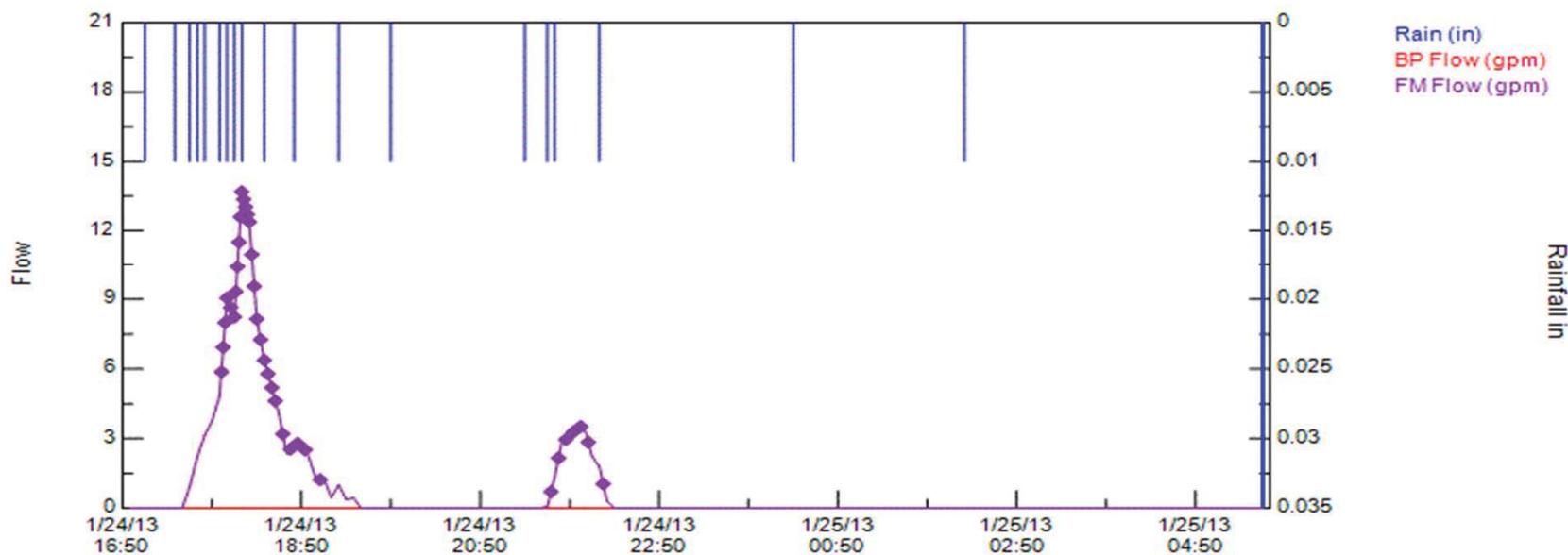
Sample Results - Flow Composite								
	Units	IN	QA	OUT	QA	MDL	notes	% Reduction
Total Phosphorus	mg/L	0.05		0.04				26
Ortho-Phosphorus	mg/L	0.01		0.01				0
Total Suspended Solids	mg/L	14.0		4.7				66
pH	std units							
Particle Size Distribution <3.9 µm	%finer	4.31		5.30				-23
Particle Size Distribution 3.9-62.5 µm	%finer	0.00		0.00				NA
Particle Size Distribution 62.5-250 µm	%finer	1.33		0.21				84
Particle Size Distribution >250 µm	%finer	2.04		0.00				100

**notes:** j = conditional use (storm/sampling criteria); r = rejected (storm/sampling criteria)

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# Individual Storm Report

## Filterra Bellingham Event 1/24/2013



Precipitation Information			
	Goal	Result	QA Notes
Precipitation Total (in)	≥0.15	0.20	
Precipitation Duration (hr)	≥1	9.4	
Max Precip. Intensity (in/5 min)	NA	0.01	
Mean Precip. Intensity (in/hr)	0.03	0.02	
Antecedent Dry Period (hr)	≥6	23.2	

Sampling Information				
	Goal	Result	QA	notes
Number of Aliquots	≥10	35		
% Storm Sampled	≥75	85		
Sampling Duration (hr)	≤36	4		

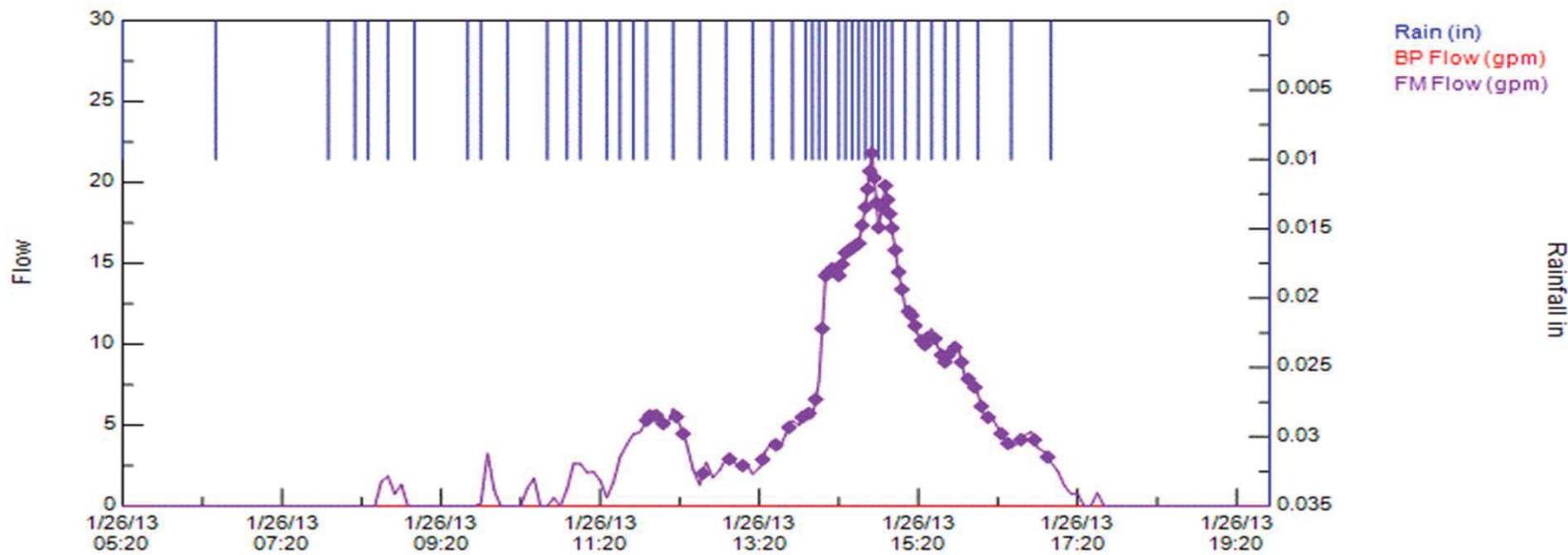
Flow Information				
	Goal	Treated	QA	Bypass
Max Discharge (gpm)	NA	13.7	0.0	
Duration (hr)	NA	2.7	0.2	
Volume (gal)	NA	577.8	0.2	

Sample Results - Flow Composite						
	Units	IN	QA	OUT	QA	MDL
Total Phosphorus	mg/L	0.04		0.03		
Ortho-Phosphorus	mg/L	0.01		0.01		
Total Suspended Solids	mg/L	12.0		3.0		
pH	std units					
Particle Size Distribution <3.9 µm	%finer					
Particle Size Distribution 3.9-62.5 µm	%finer					
Particle Size Distribution 62.5-250 µm	%finer					
Particle Size Distribution >250 µm	%finer					

**notes:** j = conditional use (storm/sampling criteria); J = conditional use (chemical analysis criteria); r = rejected (storm/sampling criteria)  
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# Individual Storm Report

## Filterra Bellingham Event 1/26/2013



Precipitation Information				
	Goal	Result	QA	Notes
Precipitation Total (in)	≥0.15	0.45		
Precipitation Duration (hr)	≥1	14.4		
Max Precip. Intensity (in/5 min)	NA	0.01		
Mean Precip. Intensity (in/hr)	0.03	0.03		
Antecedent Dry Period (hr)	≥6	31.7		

Sampling Information				
	Goal	Result	QA	notes
Number of Aliquots	≥10	64		
% Storm Sampled	≥75	89		
Sampling Duration (hr)	≤36	5		

Flow Information				
	Goal	Treated	QA	Bypass
Max Discharge (gpm)	NA	21.8	0.0	
Duration (hr)	NA	7.4	0.2	
Volume (gal)	NA	2591.4	0.1	

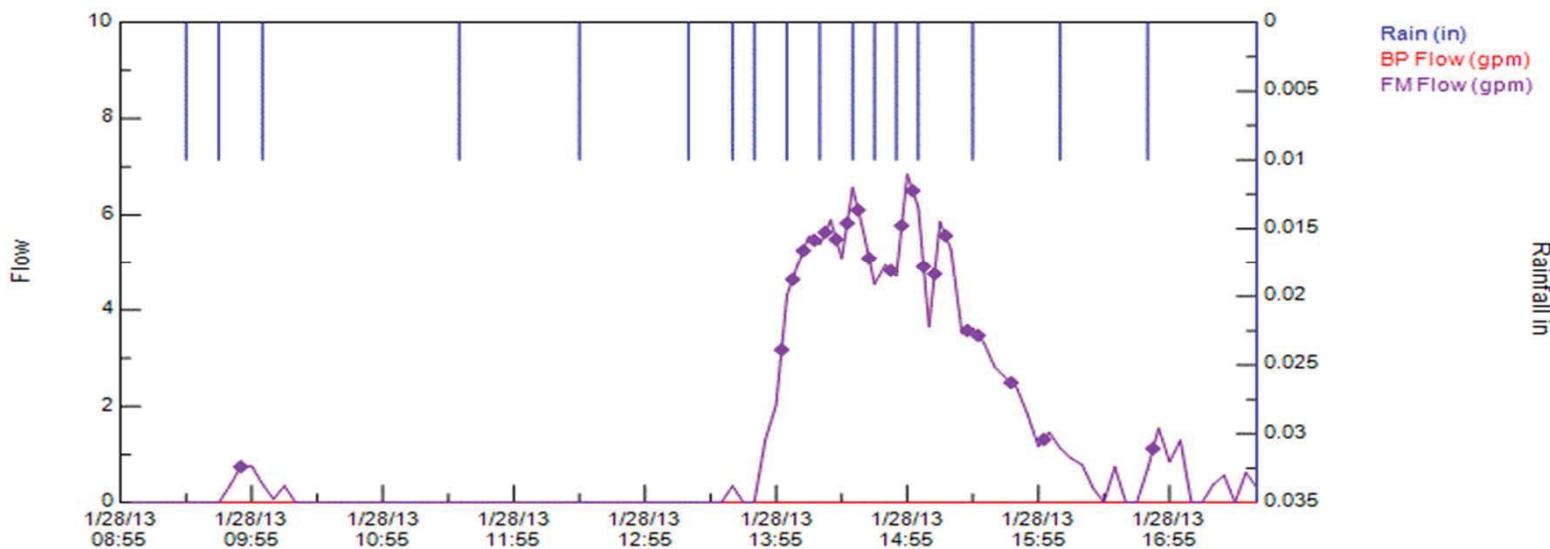
Sample Results - Flow Composite						
	Units	IN	QA	OUT	QA	MDL
Total Phosphorus	mg/L	0.03		0.02		
Ortho-Phosphorus	mg/L	0.01		0.01		
Total Suspended Solids	mg/L	9.5		2.7		
pH	std units					
Particle Size Distribution <3.9 µm	%finer					
Particle Size Distribution 3.9-62.5 µm	%finer					
Particle Size Distribution 62.5-250 µm	%finer					
Particle Size Distribution >250 µm	%finer					

notes: j = conditional use (storm/sampling criteria); J = conditional use (chemical analysis criteria); r = rejected (storm/sampling criteria)

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# Individual Storm Report

## Filterra Bellingham Event 1/28/2013



Precipitation Information				
	Goal	Result	QA	Notes
Precipitation Total (in)	≥0.15	0.18		
Precipitation Duration (hr)	≥1	7.8		
Max Precip. Intensity (in/5 min)	NA	0.01		
Mean Precip. Intensity (in/hr)	0.03	0.02		
Antecedent Dry Period (hr)	≥6	12.2		

Sampling Information				
	Goal	Result	QA	notes
Number of Aliquots	≥10	21		
% Storm Sampled	≥75	95		
Sampling Duration (hr)	≤36	7		

Flow Information				
	Goal	Treated	QA	Bypass
Max Discharge (gpm)	NA	6.8	0.0	
Duration (hr)	NA	3.9	0.0	
Volume (gal)	NA	622.9	0.0	

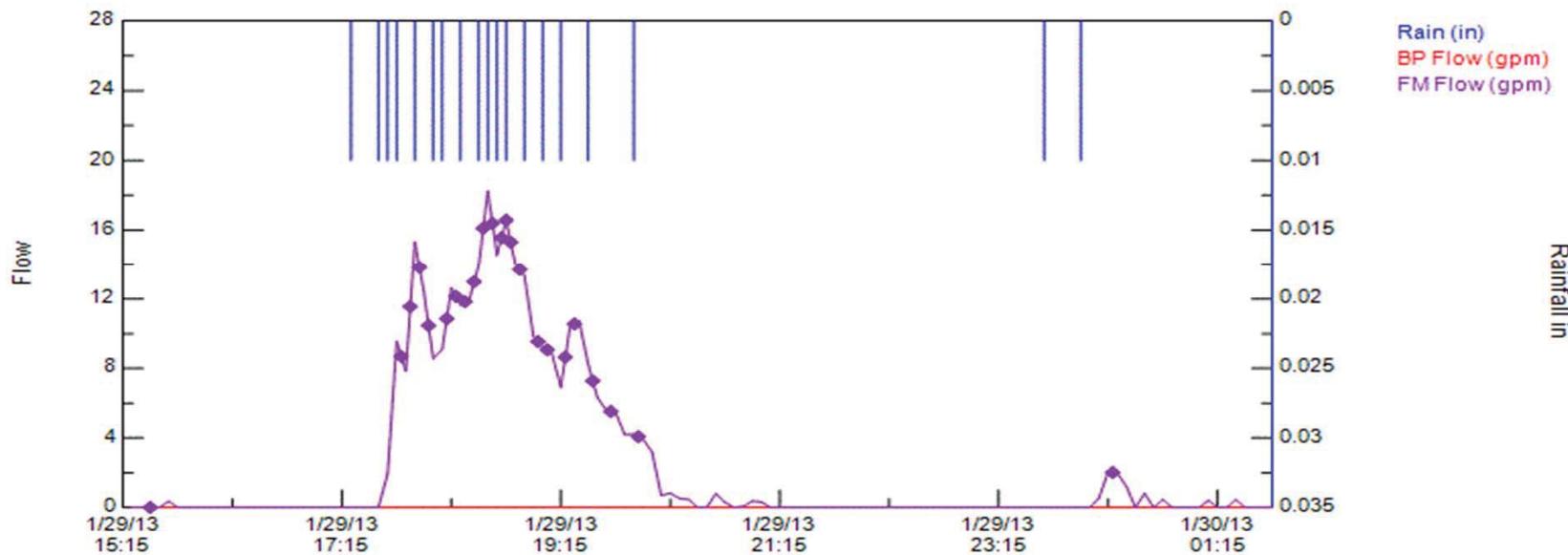
Sample Results - Flow Composite						
	Units	IN	QA	OUT	QA	MDL
Total Phosphorus	mg/L	0.33		0.06		
Ortho-Phosphorus	mg/L	0.01		0.11		
Total Suspended Solids	mg/L	107.0		5.0		
pH	std units					
Particle Size Distribution <3.9 µm	%finer					
Particle Size Distribution 3.9-62.5 µm	%finer					
Particle Size Distribution 62.5-250 µm	%finer					
Particle Size Distribution >250 µm	%finer					

notes: j = conditional use (storm/sampling criteria); J = conditional use (chemical analysis criteria); r = rejected (storm/sampling criteria)

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# Individual Storm Report

## Filterra Bellingham Event 1/29/2013



Precipitation Information				
	Goal	Result	QA	Notes
Precipitation Total (in)	≥0.15	0.21		
Precipitation Duration (hr)	≥1	10.5		
Max Precip. Intensity (in/5 min)	NA	0.01		
Mean Precip. Intensity (in/hr)	0.03	0.02		
Antecedent Dry Period (hr)	≥6	24.2		

Sampling Information				
	Goal	Result	QA	notes
Number of Aliquots	≥10	23		
% Storm Sampled	≥75	99		
Sampling Duration (hr)	≤36	9		

Flow Information				
	Goal	Treated	QA	Bypass
Max Discharge (gpm)	NA	18.2	0.0	
Duration (hr)	NA	4.0	0.1	
Volume (gal)	NA	1507.7	0.0	

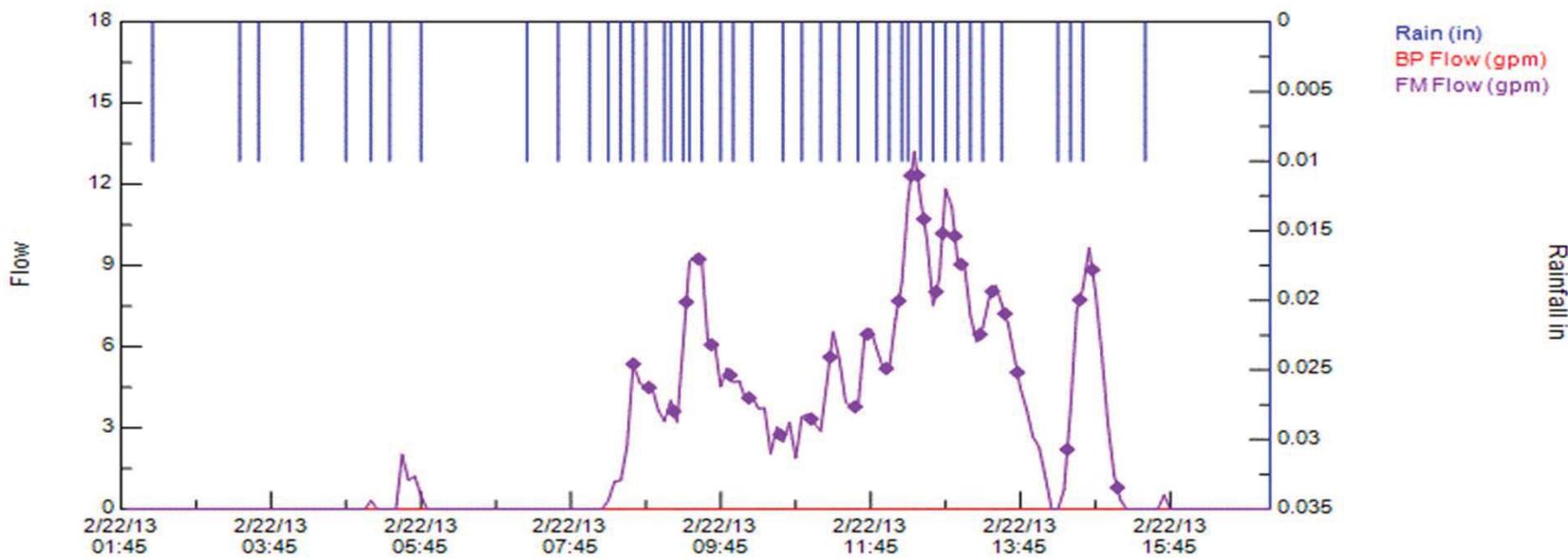
Sample Results - Flow Composite						
	Units	IN	QA	OUT	QA	MDL
Total Phosphorus	mg/L	0.17		0.02		88
Ortho-Phosphorus	mg/L	0.01		0.01		-13
Total Suspended Solids	mg/L	86.0		3.0		97
pH	std units					
Particle Size Distribution <3.9 µm	%finer					
Particle Size Distribution 3.9-62.5 µm	%finer					
Particle Size Distribution 62.5-250 µm	%finer					
Particle Size Distribution >250 µm	%finer					

notes: j = conditional use (storm/sampling criteria); J = conditional use (chemical analysis criteria); r = rejected (storm/sampling criteria)

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# Individual Storm Report

## Filterra Bellingham Event 2/22/2013



Precipitation Information				
	Goal	Result	QA	Notes
Precipitation Total (in)	≥0.15	0.44		
Precipitation Duration (hr)	≥1	13.7		
Max Precip. Intensity (in/5 min)	NA	0.01		
Mean Precip. Intensity (in/hr)	0.03	0.03		
Antecedent Dry Period (hr)	≥6	17.9		

Sampling Information				
	Goal	Result	QA	notes
Number of Aliquots	≥10	30		
% Storm Sampled	≥75	96		
Sampling Duration (hr)	≤36	7		

Flow Information				
	Goal	Treated	QA	Bypass
Max Discharge (gpm)	NA	13.2	0.0	
Duration (hr)	NA	7.2	0.2	
Volume (gal)	NA	2223.4	0.1	

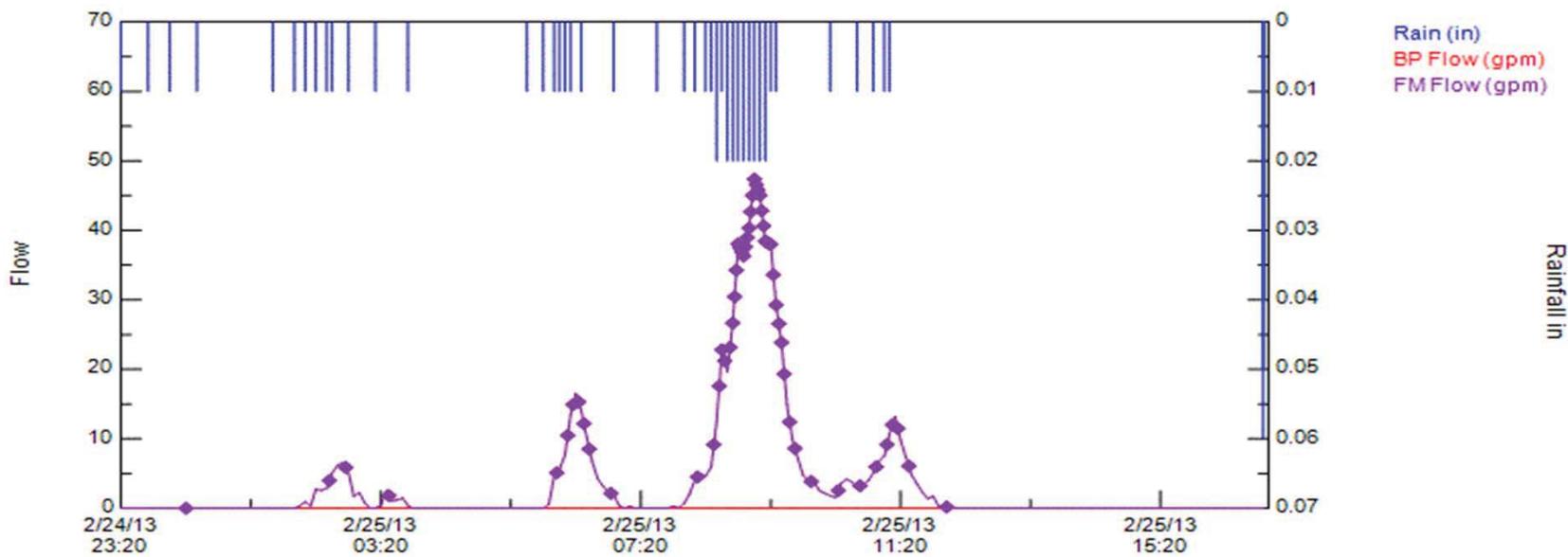
Sample Results - Flow Composite						
	Units	IN	QA	OUT	QA	MDL
Total Phosphorus	mg/L	0.11		0.06		
Ortho-Phosphorus	mg/L	0.01		0.01		
Total Suspended Solids	mg/L	26.0		2.5		
pH	std units					
Particle Size Distribution <3.9 µm	%finer					
Particle Size Distribution 3.9-62.5 µm	%finer					
Particle Size Distribution 62.5-250 µm	%finer					
Particle Size Distribution >250 µm	%finer					

notes: j = conditional use (storm/sampling criteria); J = conditional use (chemical analysis criteria); r = rejected (storm/sampling criteria)

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# Individual Storm Report

## Filterra Bellingham Event 2/24/2013



Precipitation Information				
	Goal	Result	QA	Notes
Precipitation Total (in)	≥0.15	0.52		
Precipitation Duration (hr)	≥1	11.8		
Max Precip. Intensity (in/5 min)	NA	0.02		
Mean Precip. Intensity (in/hr)	0.03	0.04		
Antecedent Dry Period (hr)	≥6	57.1		

Sampling Information				
	Goal	Result	QA	notes
Number of Aliquots	≥10	55		
% Storm Sampled	≥75	100		
Sampling Duration (hr)	≤36	12		

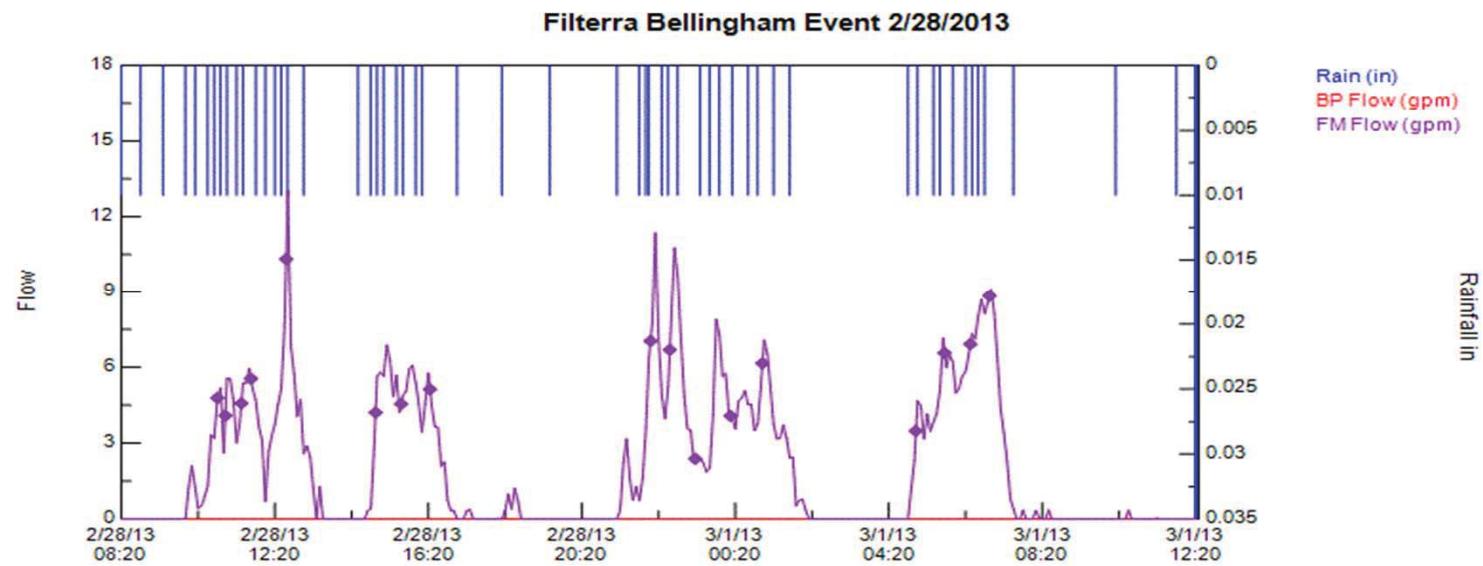
Flow Information				
	Goal	Treated	QA	Bypass
Max Discharge (gpm)	NA	47.4	0.0	
Duration (hr)	NA	7.1	0.1	
Volume (gal)	NA	3636.8	0.0	

Sample Results - Flow Composite						
	Units	IN	QA	OUT	QA	MDL
Total Phosphorus	mg/L	0.13		0.04		
Ortho-Phosphorus	mg/L	0.01		0.01		
Total Suspended Solids	mg/L	55.0		5.0		
pH	std units					
Particle Size Distribution <3.9 µm	%finer	5.96		4.96		
Particle Size Distribution 3.9-62.5 µm	%finer	25.07		0.00		
Particle Size Distribution 62.5-250 µm	%finer	15.04		0.00		
Particle Size Distribution >250 µm	%finer	7.06		0.00		

notes: j = conditional use (storm/sampling criteria); J = conditional use (chemical analysis criteria); r = rejected (storm/sampling criteria)

R = rejected (chemical analysis criteria); U = at or below detection limit; G = value greater than max. detection limit; NA = not applicable

## Individual Storm Report



Precipitation Information				
	Goal	Result	QA	Notes
Precipitation Total (in)	≥0.15	0.55		
Precipitation Duration (hr)	≥1	27.5		
Max Precip. Intensity (in/5 min)	NA	0.01		
Mean Precip. Intensity (in/hr)	0.03	0.02		
Antecedent Dry Period (hr)	≥6	31.3		

Sampling Information				
	Goal	Result	QA	notes
Number of Aliquots	≥10	17		
% Storm Sampled	≥75	93		
Sampling Duration (hr)	≤36	20		

Flow Information				
	Goal	Treated	QA	Bypass
Max Discharge (gpm)	NA	13.0		0.0
Duration (hr)	NA	14.4		1.0
Volume (gal)	NA	3453.0		0.7

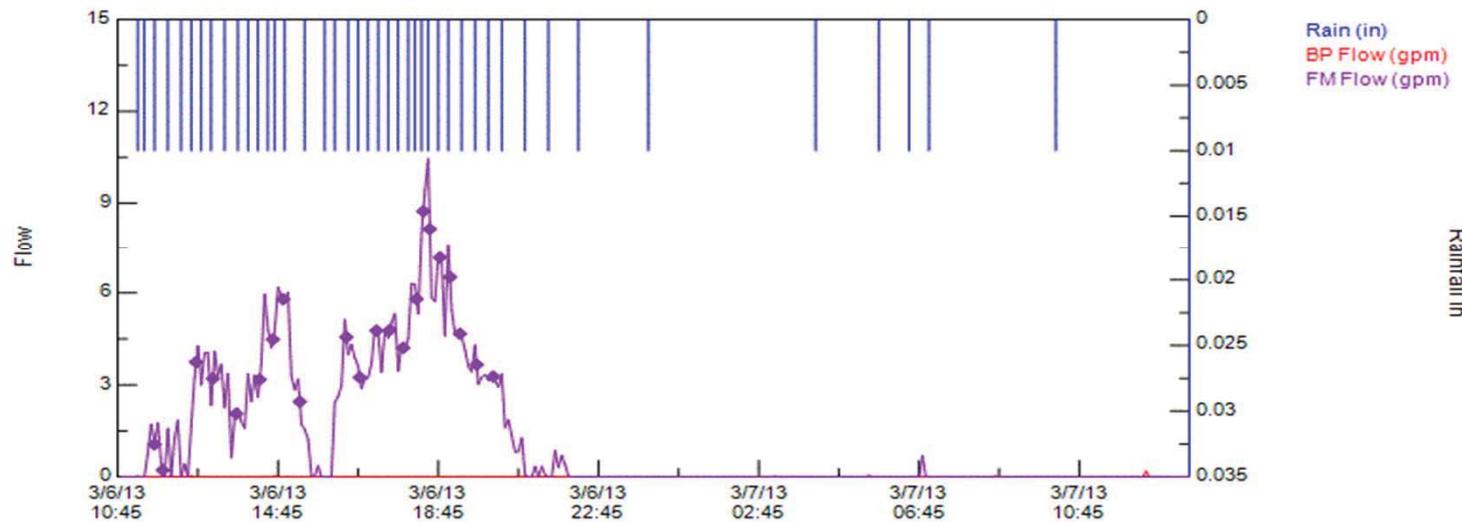
Sample Results - Flow Composite						
	Units	IN	QA	OUT	QA	MDL
Total Phosphorus	mg/L	0.09		0.03		
Ortho-Phosphorus	mg/L	0.01	J	0.01	J	
Total Suspended Solids	mg/L	56.0	J	3.0		
pH	std units					
Particle Size Distribution <3.9 µm	%finer					
Particle Size Distribution 3.9-62.5 µm	%finer					
Particle Size Distribution 62.5-250 µm	%finer					
Particle Size Distribution >250 µm	%finer					

**notes:** j = conditional use (storm/sampling criteria); J = conditional use (chemical analysis criteria); r = rejected (storm/sampling criteria)

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## Individual Storm Report

**Filterra Bellingham Event 3/6/2013**



Precipitation Information				
	Goal	Result	QA	Notes
Precipitation Total (in)	≥0.15	0.44		
Precipitation Duration (hr)	≥1	23.4		
Max Precip. Intensity (in/5 min)	NA	0.01		
Mean Precip. Intensity (in/hr)	0.03	0.02		
Antecedent Dry Period (hr)	≥6	87.3		

Sampling Information				
	Goal	Result	QA	notes
Number of Aliquots	≥10	22		
% Storm Sampled	≥75	94		
Sampling Duration (hr)	≤36	9		

Flow Information					
	Goal	Treated	QA	Bypass	QA notes
Max Discharge (gpm)	NA	10.5		0.2	
Duration (hr)	NA	9.4		1.6	
Volume (gal)	NA	1891.7		2.3	

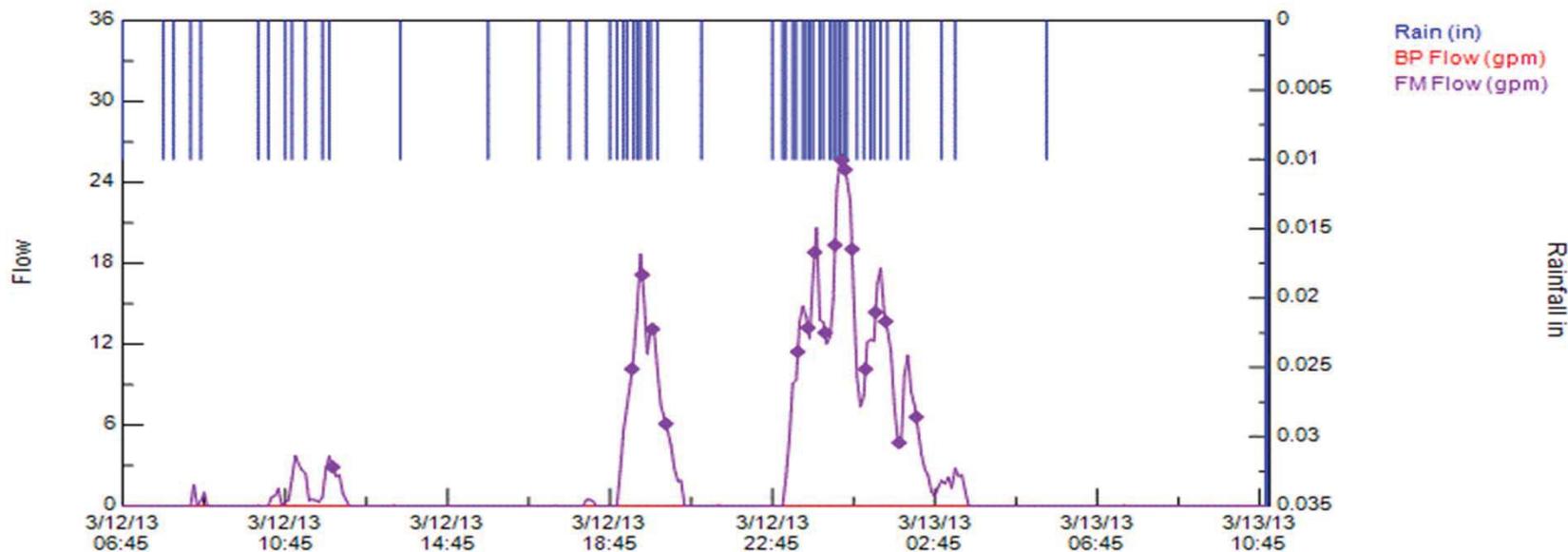
Sample Results - Flow Composite								
	Units	IN	QA	OUT	QA	MDL	notes	% Reduction
Total Phosphorus	mg/L	0.04		0.02				44
Ortho-Phosphorus	mg/L	0.01	J	0.01				22
Total Suspended Solids	mg/L	7.5	J	1.8				76
pH	std units							
Particle Size Distribution <3.9 µm	%finer	2.41	J	1.32				45
Particle Size Distribution 3.9-62.5 µm	%finer	0.00	J	0.00				
Particle Size Distribution 62.5-250 µm	%finer	3.29	J	0.51				84
Particle Size Distribution >250 µm	%finer	2.05	J	0.31				85

**notes:** j = conditional use (storm/sampling criteria); J = conditional use (chemical analysis criteria); r = rejected (storm/sampling criteria)

R = rejected (chemical analysis criteria); U = at or below detection limit; G = value greater than max. detection limit; NA = not applicable

## Individual Storm Report

### Filterra Bellingham Event 3/12/2013



Precipitation Information				
	Goal	Result	QA	Notes
Precipitation Total (in)	≥0.15	0.56		
Precipitation Duration (hr)	≥1	22.8		
Max Precip. Intensity (in/5 min)	NA	0.01		
Mean Precip. Intensity (in/hr)	0.03	0.03		
Antecedent Dry Period (hr)	≥6	6.9		

Sampling Information				
	Goal	Result	QA	notes
Number of Aliquots	≥10	18		
% Storm Sampled	≥75	92		
Sampling Duration (hr)	≤36	14		

Flow Information				
	Goal	Treated	QA	Bypass
Max Discharge (gpm)	NA	25.7	0.1	
Duration (hr)	NA	8.6	3.6	
Volume (gal)	NA	3733.7	4.8	

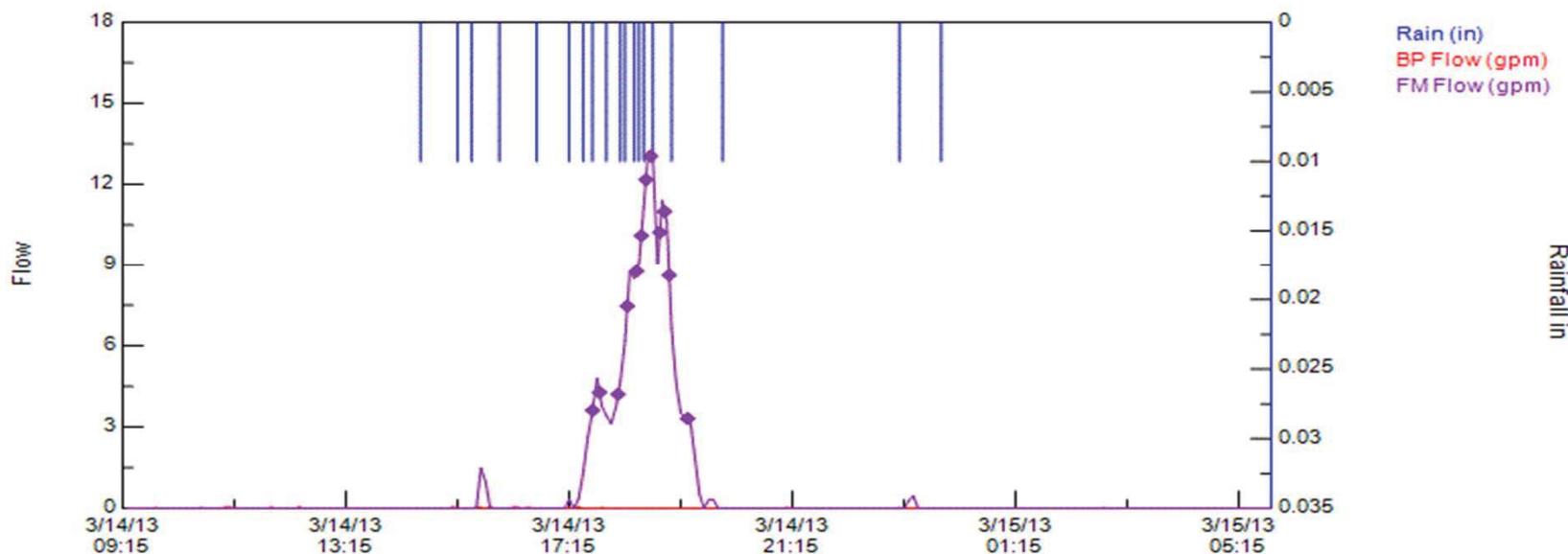
Sample Results - Flow Composite						
	Units	IN	QA	OUT	QA	MDL
Total Phosphorus	mg/L	0.09		0.03		
Ortho-Phosphorus	mg/L	0.01		0.01		
Total Suspended Solids	mg/L	60.0		3.7		
pH	std units					
Particle Size Distribution <3.9 µm	%finer					
Particle Size Distribution 3.9-62.5 µm	%finer					
Particle Size Distribution 62.5-250 µm	%finer					
Particle Size Distribution >250 µm	%finer					

notes: j = conditional use (storm/sampling criteria); J = conditional use (chemical analysis criteria); r = rejected (storm/sampling criteria)

R = rejected (chemical analysis criteria); U = at or below detection limit; G = value greater than max. detection limit; NA = not applicable

# Individual Storm Report

## Filterra Bellingham Event 3/14/2013



Precipitation Information				
	Goal	Result	QA	Notes
Precipitation Total (in)	≥0.15	0.20		
Precipitation Duration (hr)	≥1	14.7		
Max Precip. Intensity (in/5 min)	NA	0.01		
Mean Precip. Intensity (in/hr)	0.03	0.01		
Antecedent Dry Period (hr)	≥6	14.6		

Sampling Information				
	Goal	Result	QA	notes
Number of Aliquots	≥10	12		
% Storm Sampled	≥75	90		
Sampling Duration (hr)	≤36	2		

Flow Information				
	Goal	Treated	QA	Bypass
Max Discharge (gpm)	NA	13.2	0.1	
Duration (hr)	NA	2.8	3.2	
Volume (gal)	NA	801.8	4.2	

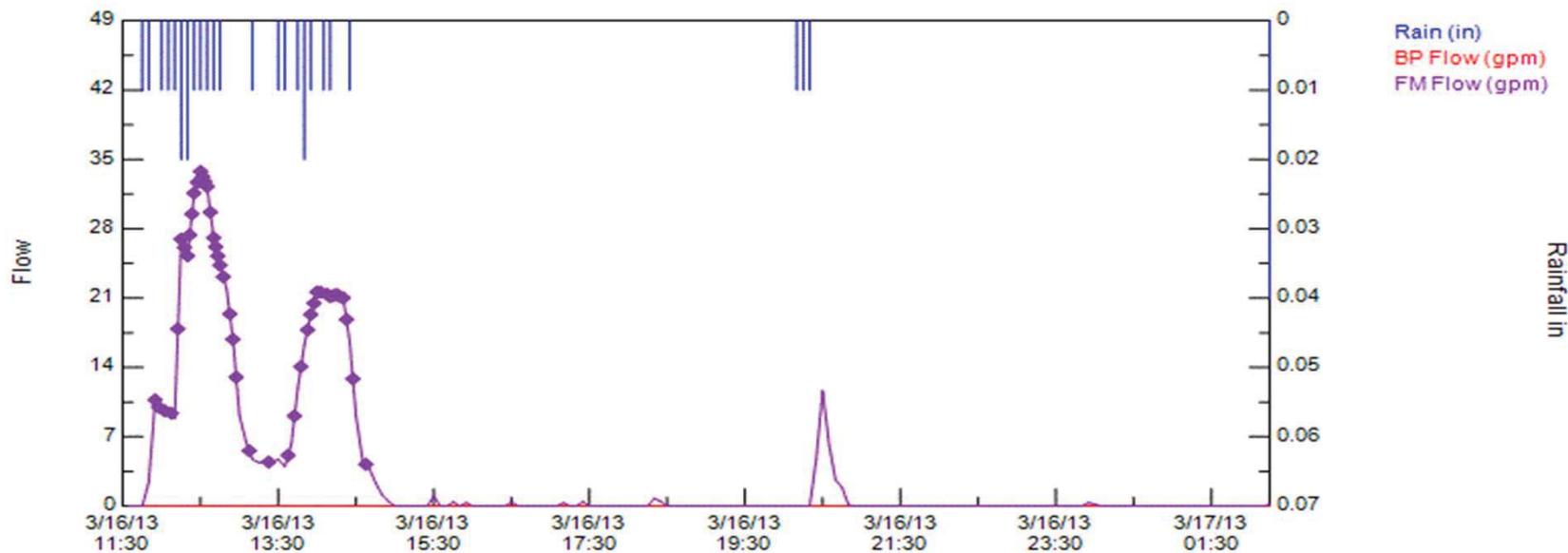
Sample Results - Flow Composite						
	Units	IN	QA	OUT	QA	MDL
Total Phosphorus	mg/L	0.15		0.03		
Ortho-Phosphorus	mg/L	0.01	J	0.01	J	
Total Suspended Solids	mg/L	73.0		2.3		
pH	std units	7.02	J	7.18	J	
Particle Size Distribution <3.9 µm	%finer					
Particle Size Distribution 3.9-62.5 µm	%finer					
Particle Size Distribution 62.5-250 µm	%finer					
Particle Size Distribution >250 µm	%finer					

notes: j = conditional use (storm/sampling criteria); J = conditional use (chemical analysis criteria); r = rejected (storm/sampling criteria)

R = rejected (chemical analysis criteria); U = at or below detection limit; G = value greater than max. detection limit; NA = not applicable

# Individual Storm Report

## Filterra Bellingham Event 3/16/2013



Precipitation Information				
	Goal	Result	QA	Notes
Precipitation Total (in)	≥0.15	0.28		
Precipitation Duration (hr)	≥1	8.8		
Max Precip. Intensity (in/5 min)	NA	0.02		
Mean Precip. Intensity (in/hr)	0.03	0.03		
Antecedent Dry Period (hr)	≥6	10.2		

Sampling Information				
	Goal	Result	QA	notes
Number of Aliquots	≥10	44		
% Storm Sampled	≥75	91		
Sampling Duration (hr)	≤36	3		

Flow Information				
	Goal	Treated	QA	Bypass
Max Discharge (gpm)	NA	33.8	0.1	
Duration (hr)	NA	4.6	0.9	
Volume (gal)	NA	2772.1	1.2	

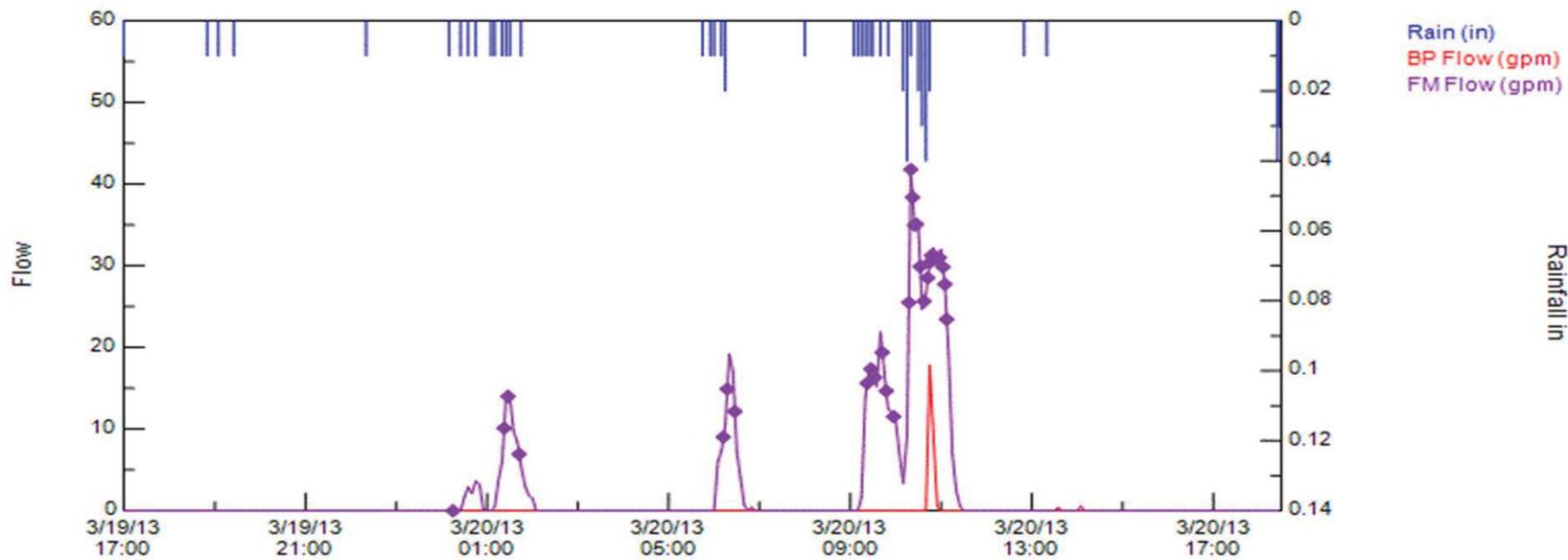
Sample Results - Flow Composite						
	Units	IN	QA	OUT	QA	MDL
Total Phosphorus	mg/L	0.06		0.03		
Ortho-Phosphorus	mg/L	0.01		0.01		
Total Suspended Solids	mg/L	30.0		1.8		
pH	std units	6.97		7.11		
Particle Size Distribution <3.9 µm	%finer					
Particle Size Distribution 3.9-62.5 µm	%finer					
Particle Size Distribution 62.5-250 µm	%finer					
Particle Size Distribution >250 µm	%finer					

notes: j = conditional use (storm/sampling criteria); J = conditional use (chemical analysis criteria); r = rejected (storm/sampling criteria)

R = rejected (chemical analysis criteria); U = at or below detection limit; G = value greater than max. detection limit; NA = not applicable

# Individual Storm Report

## Filterra Bellingham Event 3/19/2013



Precipitation Information				
	Goal	Result	QA	Notes
Precipitation Total (in)	≥0.15	0.50		
Precipitation Duration (hr)	≥1	20.3		
Max Precip. Intensity (in/5 min)	NA	0.04		
Mean Precip. Intensity (in/hr)	0.03	0.03		
Antecedent Dry Period (hr)	≥6	37.5		

Sampling Information				
Goal	Result	QA	Bypass	Notes
Number of Aliquots	≥10	28		
% Storm Sampled	≥75	97		
Sampling Duration (hr)	≤36	11		

Flow Information				
Goal	Treated	QA	Bypass	Notes
Max Discharge (gpm)	NA	41.8	17.8	
Duration (hr)	NA	4.6	4.9	
Volume (gal)	NA	3299.6	143.7	

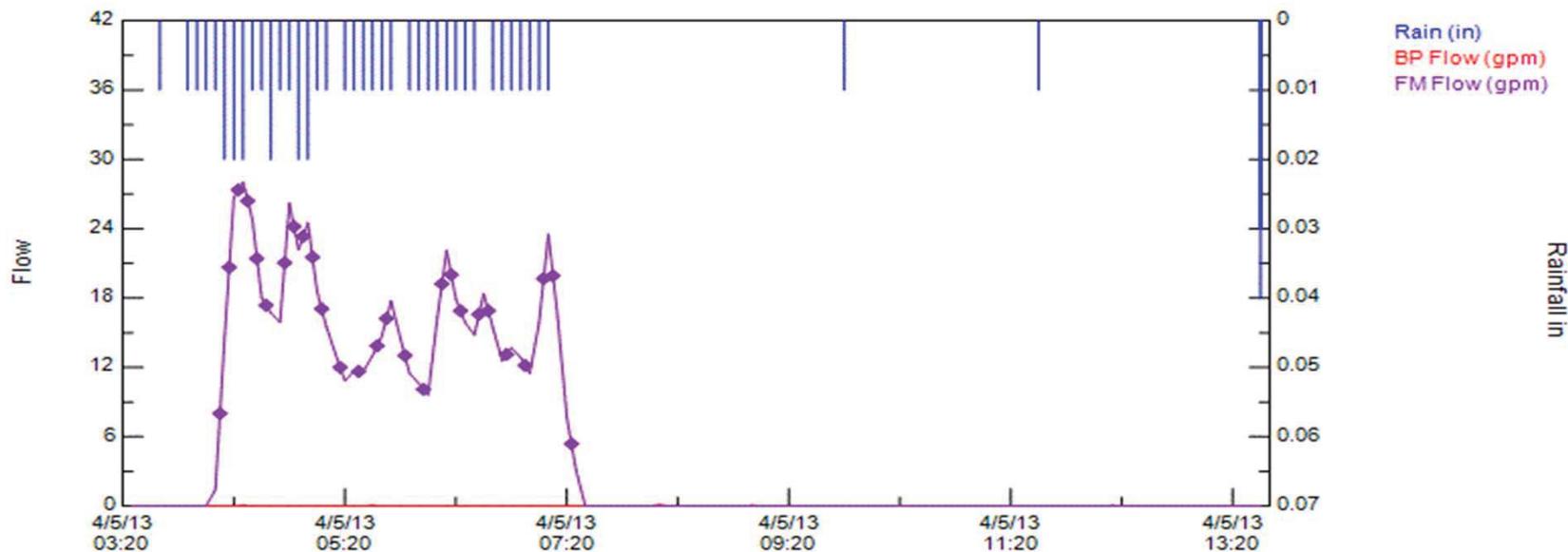
Sample Results - Flow Composite						
	Units	IN	QA	OUT	QA	MDL
Total Phosphorus	mg/L	0.13		0.03		
Ortho-Phosphorus	mg/L	0.01		0.01		
Total Suspended Solids	mg/L	49.0		5.3		
pH	std units	6.40		6.90		
Particle Size Distribution <3.9 µm	%finer					
Particle Size Distribution 3.9-62.5 µm	%finer					
Particle Size Distribution 62.5-250 µm	%finer					
Particle Size Distribution >250 µm	%finer					

notes: j = conditional use (storm/sampling criteria); J = conditional use (chemical analysis criteria); r = rejected (storm/sampling criteria)

R = rejected (chemical analysis criteria); U = at or below detection limit; G = value greater than max. detection limit; NA = not applicable

# Individual Storm Report

## Filterra Bellingham Event 4/5/2013



Precipitation Information				
	Goal	Result	QA	Notes
Precipitation Total (in)	≥0.15	0.47		
Precipitation Duration (hr)	≥1	8.2		
Max Precip. Intensity (in/5 min)	NA	0.02		
Mean Precip. Intensity (in/hr)	0.03	0.06		
Antecedent Dry Period (hr)	≥6	9.2		

Sampling Information				
	Goal	Result	QA	notes
Number of Aliquots	≥10	27		
% Storm Sampled	≥75	98		
Sampling Duration (hr)	≤36	3		

Flow Information				
	Goal	Treated	QA	Bypass
Max Discharge (gpm)	NA	28.0	0.1	
Duration (hr)	NA	3.3	2.8	
Volume (gal)	NA	3151.3	4.7	

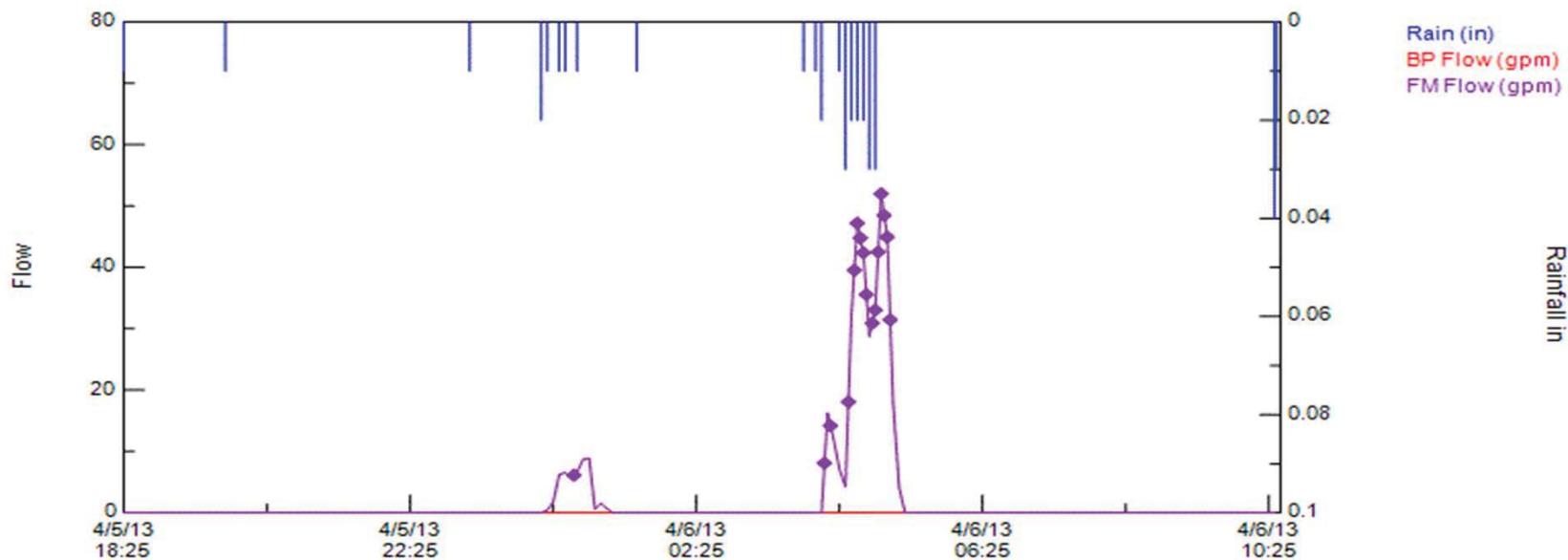
Sample Results - Flow Composite						
	Units	IN	QA	OUT	QA	MDL
Total Phosphorus	mg/L	0.18		0.05		
Ortho-Phosphorus	mg/L	0.01	J	0.01	J	
Total Suspended Solids	mg/L	80.0		5.0		
pH	std units					
Particle Size Distribution <3.9 µm	%finer					
Particle Size Distribution 3.9-62.5 µm	%finer					
Particle Size Distribution 62.5-250 µm	%finer					
Particle Size Distribution >250 µm	%finer					

notes: j = conditional use (storm/sampling criteria); J = conditional use (chemical analysis criteria); r = rejected (storm/sampling criteria)

R = rejected (chemical analysis criteria); U = at or below detection limit; G = value greater than max. detection limit; NA = not applicable

# Individual Storm Report

## Filterra Bellingham Event 4/5/2013



Precipitation Information				
	Goal	Result	QA	Notes
Precipitation Total (in)	≥0.15	0.30		
Precipitation Duration (hr)	≥1	10.5		
Max Precip. Intensity (in/5 min)	NA	0.03		
Mean Precip. Intensity (in/hr)	0.03	0.03		
Antecedent Dry Period (hr)	≥6	11.3		

Sampling Information				
	Goal	Result	QA	notes
Number of Aliquots	≥10	16		
% Storm Sampled	≥75	91		
Sampling Duration (hr)	≤36	4		

Flow Information				
	Goal	Treated	QA	Bypass
Max Discharge (gpm)	NA	52.0	0.1	
Duration (hr)	NA	2.0	3.7	
Volume (gal)	NA	1949.5	4.6	

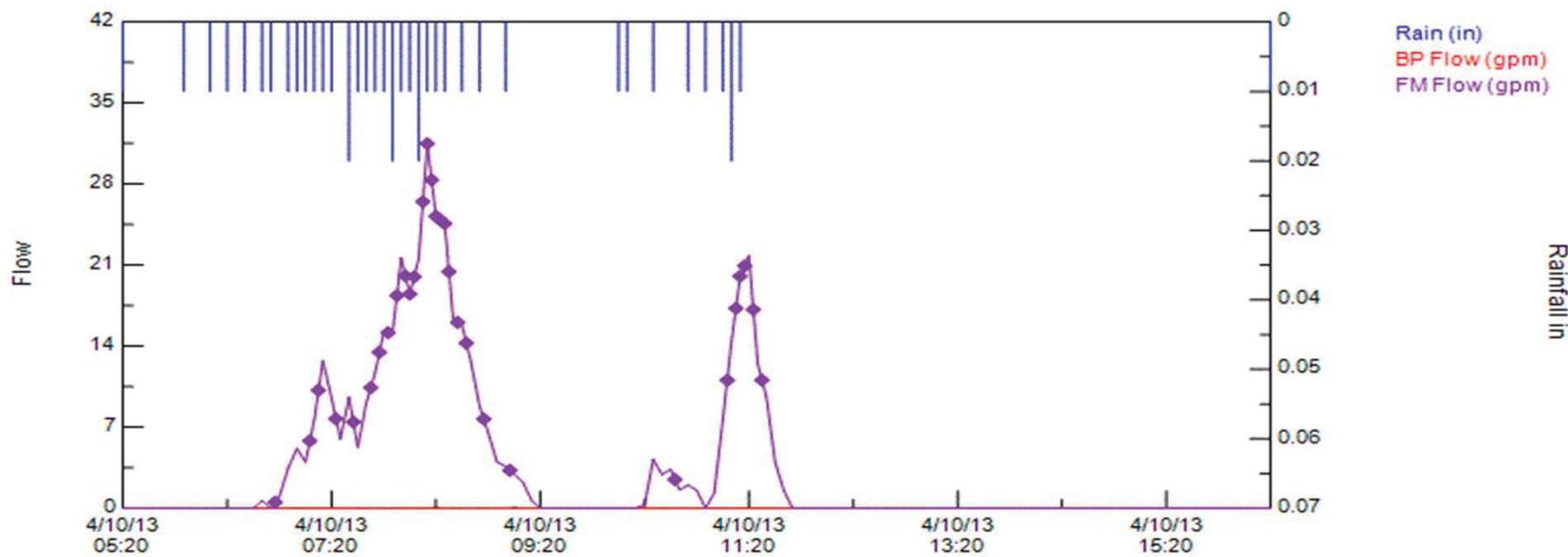
Sample Results - Flow Composite						
	Units	IN	QA	OUT	QA	MDL
Total Phosphorus	mg/L	0.52		0.05		
Ortho-Phosphorus	mg/L	0.01		0.01		
Total Suspended Solids	mg/L	70.0		9.5		
pH	std units					
Particle Size Distribution <3.9 µm	%finer					
Particle Size Distribution 3.9-62.5 µm	%finer					
Particle Size Distribution 62.5-250 µm	%finer					
Particle Size Distribution >250 µm	%finer					

notes: j = conditional use (storm/sampling criteria); J = conditional use (chemical analysis criteria); r = rejected (storm/sampling criteria)

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## Individual Storm Report

### Filterra Bellingham Event 4/10/2013



Precipitation Information				
	Goal	Result	QA	Notes
Precipitation Total (in)	≥0.15	0.40		
Precipitation Duration (hr)	≥1	5.9		
Max Precip. Intensity (in/5 min)	NA	0.02		
Mean Precip. Intensity (in/hr)	0.03	0.07		
Antecedent Dry Period (hr)	≥6	65.8		

Sampling Information				
Goal	Result	QA	notes	
Number of Aliquots	≥10	30		
% Storm Sampled	≥75	97		
Sampling Duration (hr)	≤36	5		

Flow Information				
Goal	Treated	QA	Bypass	QA notes
Max Discharge (gpm)	NA	31.5	0.1	
Duration (hr)	NA	3.9	1.3	
Volume (gal)	NA	2209.6	1.8	

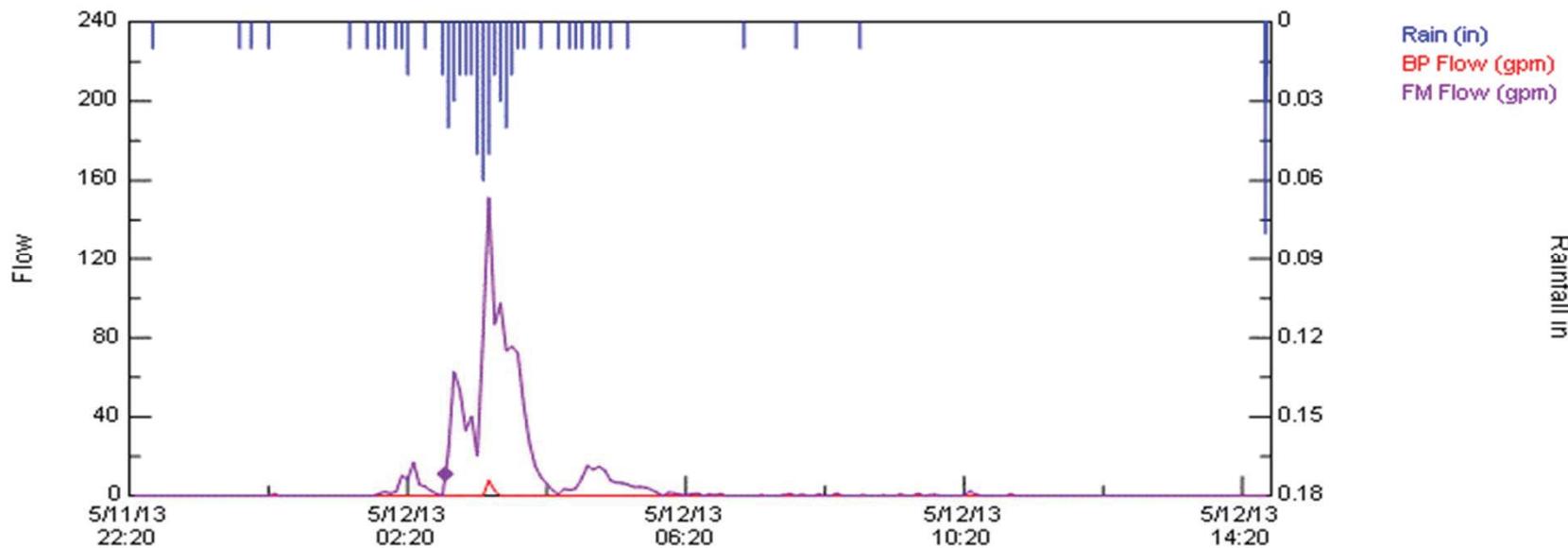
Sample Results - Flow Composite						
	Units	IN	QA	OUT	QA	MDL
Total Phosphorus	mg/L	0.04		0.13		
Ortho-Phosphorus	mg/L	0.01		0.01		
Total Suspended Solids	mg/L	38.0		4.8		
pH	std units					
Particle Size Distribution <3.9 µm	%finer					
Particle Size Distribution 3.9-62.5 µm	%finer					
Particle Size Distribution 62.5-250 µm	%finer					
Particle Size Distribution >250 µm	%finer					

notes: j = conditional use (storm/sampling criteria); J = conditional use (chemical analysis criteria); r = rejected (storm/sampling criteria)

R = rejected (chemical analysis criteria); U = at or below detection limit; G = value greater than max. detection limit; NA = not applicable

## Individual Storm Report

### Filterra Bellingham Event 5/11/2013



Precipitation Information				
	Goal	Result	QA	Notes
Precipitation Total (in)	≥0.15	0.70		
Precipitation Duration (hr)	≥1	10.5		
Max Precip. Intensity (in/5 min)	NA	0.06		
Mean Precip. Intensity (in/hr)	0.03	0.07		
Antecedent Dry Period (hr)	≥6	310.3		

Sampling Information				
Goal	Result	QA	notes	
Number of Aliquots	≥10	1		
% Storm Sampled	≥75	0		
Sampling Duration (hr)	≤36	0		

Flow Information				
Goal	Treated	QA	Bypass	QA notes
Max Discharge (gpm)	NA	151.2	7.7	
Duration (hr)	NA	6.6	0.2	
Volume (gal)	NA	5889.8	51.8	

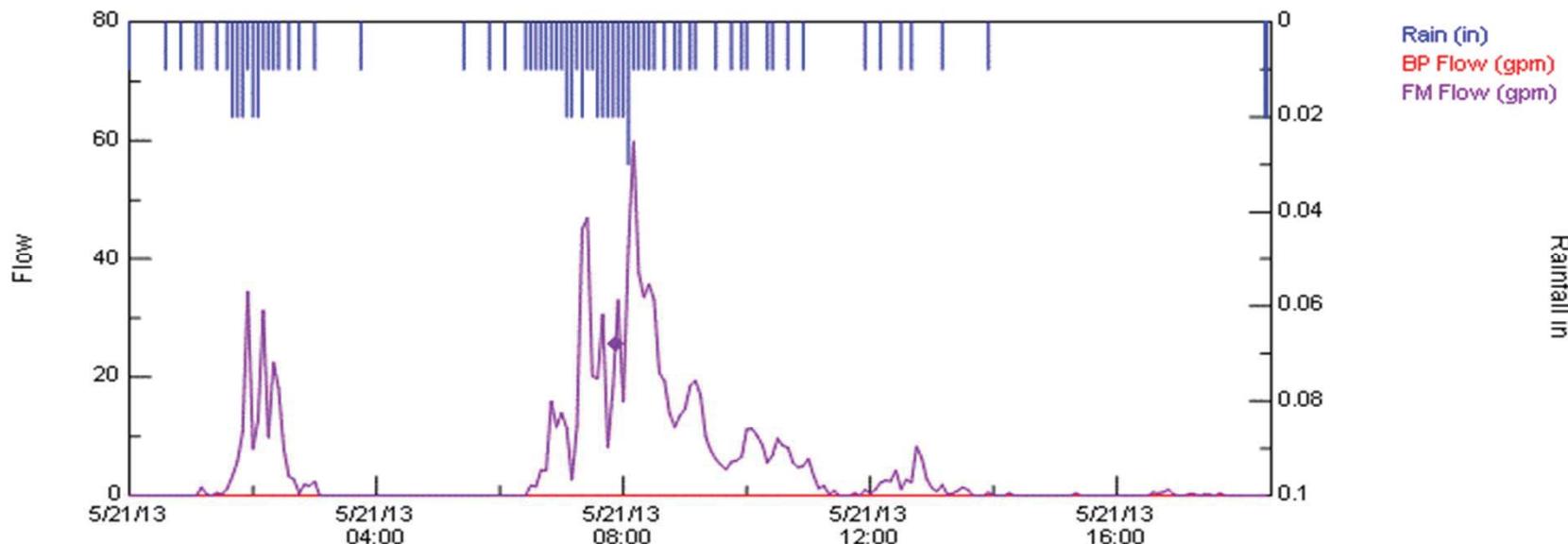
Sample Results - Flow Composite						
	Units	IN	QA	OUT	QA	MDL
Total Phosphorus	mg/L	0.29		0.09		
Ortho-Phosphorus	mg/L					
Total Suspended Solids	mg/L	138.0		47.0		
pH	std units					
Particle Size Distribution <3.9 µm	%finer					
Particle Size Distribution 3.9-62.5 µm	%finer					
Particle Size Distribution 62.5-250 µm	%finer					
Particle Size Distribution >250 µm	%finer					

notes: j = conditional use (storm/sampling criteria); J = conditional use (chemical analysis criteria); r = rejected (storm/sampling criteria)

R = rejected (chemical analysis criteria); U = at or below detection limit; G = value greater than max. detection limit; NA = not applicable

## Individual Storm Report

### Filterra Bellingham Event 5/21/2013



Precipitation Information				
	Goal	Result	QA	Notes
Precipitation Total (in)	≥0.15	0.85		
Precipitation Duration (hr)	≥1	13.9		
Max Precip. Intensity (in/5 min)	NA	0.03		
Mean Precip. Intensity (in/hr)	0.03	0.06		
Antecedent Dry Period (hr)	≥6	66.9		

Sampling Information				
	Goal	Result	QA	notes
Number of Aliquots	≥10	1		
% Storm Sampled	≥75	0		
Sampling Duration (hr)	≤36	0		

Flow Information				
	Goal	Treated	QA	Bypass
Max Discharge (gpm)	NA	59.8	0.0	
Duration (hr)	NA	9.8	0.0	
Volume (gal)	NA	5500.7	0.0	

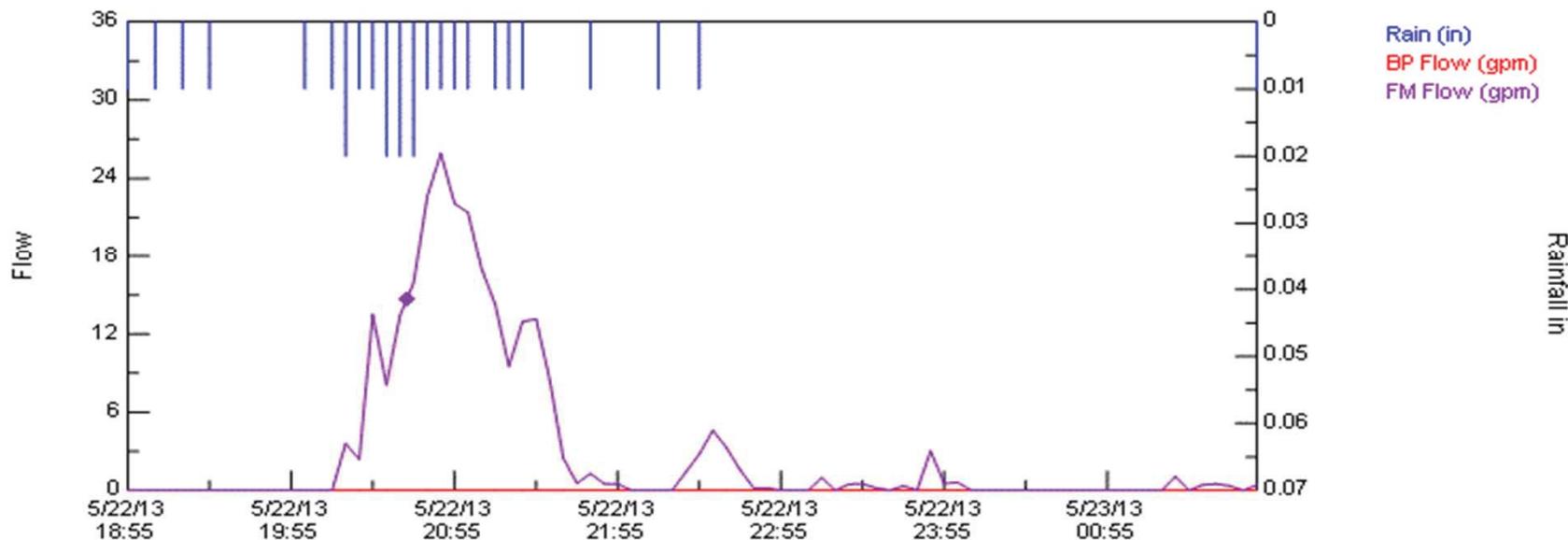
Sample Results - Flow Composite						
	Units	IN	QA	OUT	QA	MDL
Total Phosphorus	mg/L	0.07		0.03		
Ortho-Phosphorus	mg/L	0.01		0.01		
Total Suspended Solids	mg/L	30.0		5.3		
pH	std units					
Particle Size Distribution <3.9 µm	%finer					
Particle Size Distribution 3.9-62.5 µm	%finer					
Particle Size Distribution 62.5-250 µm	%finer					
Particle Size Distribution >250 µm	%finer					

notes: j = conditional use (storm/sampling criteria); J = conditional use (chemical analysis criteria); r = rejected (storm/sampling criteria)

R = rejected (chemical analysis criteria); U = at or below detection limit; G = value greater than max. detection limit; NA = not applicable

# Individual Storm Report

## Filterra Bellingham Event 5/22/2013



Precipitation Information				
	Goal	Result	QA	Notes
Precipitation Total (in)	≥0.15	0.26		
Precipitation Duration (hr)	≥1	3.5		
Max Precip. Intensity (in/5 min)	NA	0.02		
Mean Precip. Intensity (in/hr)	0.03	0.07		
Antecedent Dry Period (hr)	≥6	30.4		

Sampling Information				
	Goal	Result	QA	notes
Number of Aliquots	≥10	1		
% Storm Sampled	≥75	0		
Sampling Duration (hr)	≤36	0		

Flow Information				
	Goal	Treated	QA	Bypass
Max Discharge (gpm)	NA	25.9	0.0	
Duration (hr)	NA	3.4	0.0	
Volume (gal)	NA	1264.9	0.0	

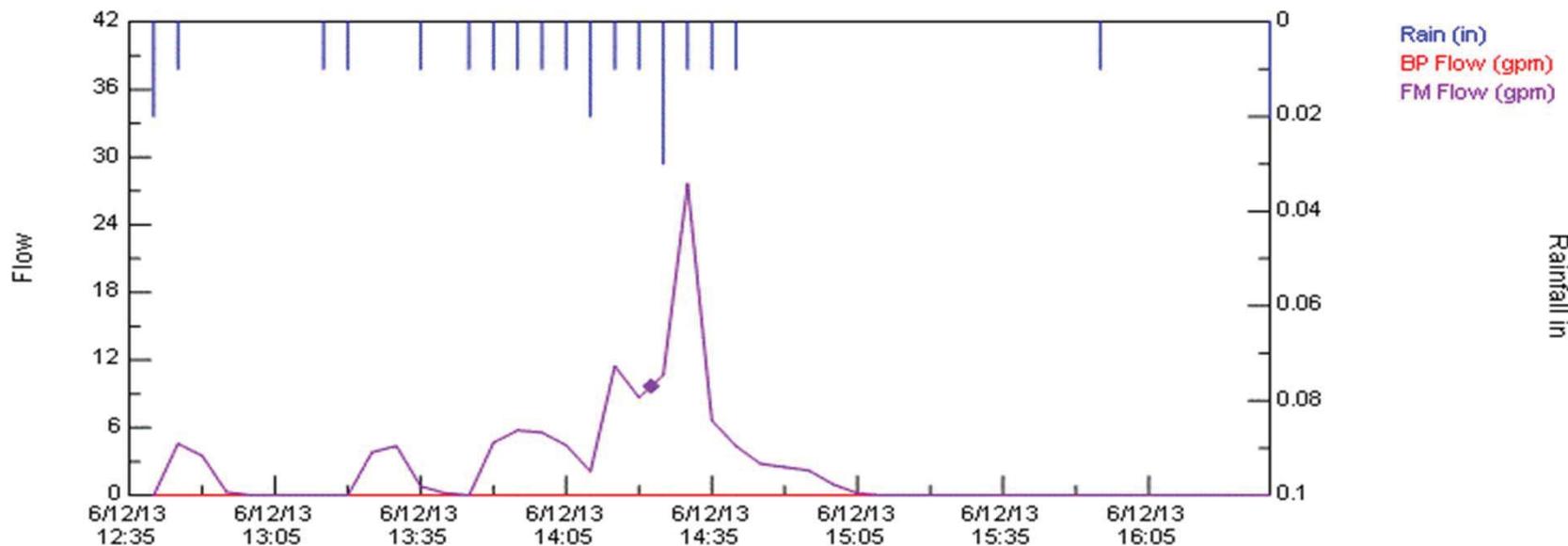
Sample Results - Flow Composite						
	Units	IN	QA	OUT	QA	MDL
Total Phosphorus	mg/L	0.24		0.01		
Ortho-Phosphorus	mg/L	0.01		0.01		
Total Suspended Solids	mg/L	122.0		6.8		
pH	std units					
Particle Size Distribution <3.9 µm	%finer					
Particle Size Distribution 3.9-62.5 µm	%finer					
Particle Size Distribution 62.5-250 µm	%finer					
Particle Size Distribution >250 µm	%finer					

notes: j = conditional use (storm/sampling criteria); J = conditional use (chemical analysis criteria); r = rejected (storm/sampling criteria)

R = rejected (chemical analysis criteria); U = at or below detection limit; G = value greater than max. detection limit; NA = not applicable

## Individual Storm Report

### Filterra Bellingham Event 6/12/2013



Precipitation Information				
	Goal	Result	QA	Notes
Precipitation Total (in)	≥0.15	0.24		
Precipitation Duration (hr)	≥1	3.9		
Max Precip. Intensity (in/5 min)	NA	0.03		
Mean Precip. Intensity (in/hr)	0.03	0.06		
Antecedent Dry Period (hr)	≥6	7.3		

Sampling Information				
	Goal	Result	QA	notes
Number of Aliquots	≥10	1		
% Storm Sampled	≥75	0		
Sampling Duration (hr)	≤36	0		

Flow Information				
	Goal	Treated	QA	Bypass
Max Discharge (gpm)	NA	27.6	0.0	
Duration (hr)	NA	1.9	0.0	
Volume (gal)	NA	591.4	0.0	

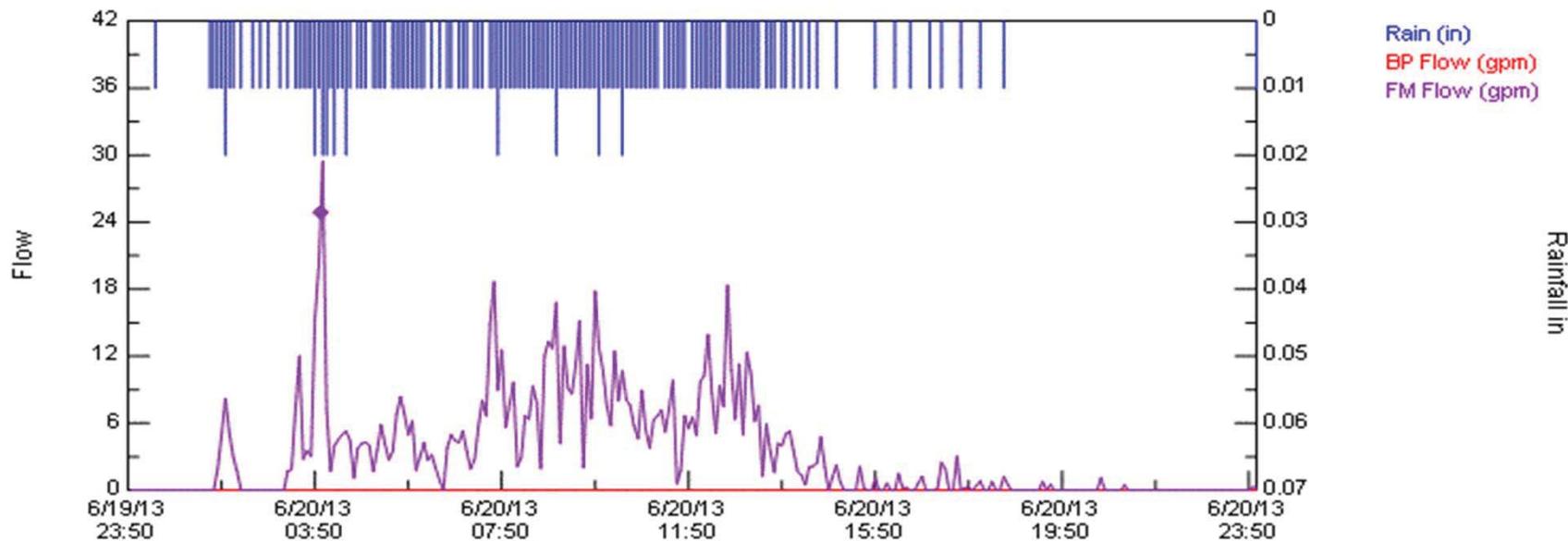
Sample Results - Flow Composite						
	Units	IN	QA	OUT	QA	MDL
Total Phosphorus	mg/L	0.08		0.06		33
Ortho-Phosphorus	mg/L	0.00		0.02		-2100
Total Suspended Solids	mg/L	30.0		2.8		91
pH	std units					
Particle Size Distribution <3.9 µm	%finer					
Particle Size Distribution 3.9-62.5 µm	%finer					
Particle Size Distribution 62.5-250 µm	%finer					
Particle Size Distribution >250 µm	%finer					

notes: j = conditional use (storm/sampling criteria); J = conditional use (chemical analysis criteria); r = rejected (storm/sampling criteria)

R = rejected (chemical analysis criteria); U = at or below detection limit; G = value greater than max. detection limit; NA = not applicable

## Individual Storm Report

### Filterra Bellingham Event 6/19/2013



Precipitation Information				
	Goal	Result	QA	Notes
Precipitation Total (in)	≥0.15	1.51		
Precipitation Duration (hr)	≥1	18.8		
Max Precip. Intensity (in/5 min)	NA	0.02		
Mean Precip. Intensity (in/hr)	0.03	0.08		
Antecedent Dry Period (hr)	≥6	77.9		

Sampling Information				
Goal	Result	QA	notes	
Number of Aliquots	≥10	1		
% Storm Sampled	≥75	0		
Sampling Duration (hr)	≤36	0		

Flow Information				
Goal	Treated	QA	Bypass	QA notes
Max Discharge (gpm)	NA	29.5	0.0	
Duration (hr)	NA	14.4	0.0	
Volume (gal)	NA	4882.7	0.0	

Sample Results - Flow Composite						
	Units	IN	QA	OUT	QA	MDL
Total Phosphorus	mg/L	0.06		0.05		
Ortho-Phosphorus	mg/L	0.02		0.03		
Total Suspended Solids	mg/L	25.0		3.0		
pH	std units					
Particle Size Distribution <3.9 µm	%finer					
Particle Size Distribution 3.9-62.5 µm	%finer					
Particle Size Distribution 62.5-250 µm	%finer					
Particle Size Distribution >250 µm	%finer					

notes: j = conditional use (storm/sampling criteria); J = conditional use (chemical analysis criteria); r = rejected (storm/sampling criteria)

R = rejected (chemical analysis criteria); U = at or below detection limit; G = value greater than max. detection limit; NA = not applicable