

**BACWA/EBMUD PRETREATMENT TRAINING – Schedule
March 11, 2019**

9:00a – 10:00a		
Session 1 – Industrial User Inspections		Notes
(1)	Federal Requirements	
(2)	Types of Inspections	
(3)	Entry Procedures	
(4)	Inspection of the Facility Process	
(5)	Inspection of Wastewater Control	
(6)	Inspection of Wastewater Disposal	
(7)	Wastewater Control Schematic	
(8)	Field Notes and Documentation	
(9)	Inspection Reports	
(10)	Permit Fact Sheets	
10:15a – 11:00a		
Session 2 – Finding Sources of Variability		Notes
(1)	Finding Sources of Variability	
(2)	Operational Sources	
(3)	Variability in Flow	
(4)	Variability in Pollutant Loadings	
(5)	Wastewater Segregations by Strength	
(6)	Segregation by Treatability	
(7)	Process Water Consumption Practices	
(8)	Treatment-Related Sources of Variability	
(9)	Discharge-Related Sources of Variability	
11:15a – 12:00p		
Session 3 – Clean Water Act Basics		Notes
(1)	Regulators	
(2)	Technology-Based Categorical Standards	
(3)	Section 133 Municipal Secondary	
(4)	Sections 407-471 Industrial Effluent	
(5)	Section 403 Pretreatment	
(6)	BPJ Standards	
(7)	BPT/BAT/NSPS Standards	
(8)	PSES/PSNS Standards	
(9)	Prohibitions	
(10)	Water Quality Standards (WQBELs)	
(11)	Pollutants of Concern	
(12)	Section 503 Biosolids Limits	

BACWA/EBMUD PRETREATMENT TRAINING (continued)

1:00p – 2:00p		
Section 4 – Pretreatment Program Basics		Notes
(1)	40 CFR 403.2 – Purposes and Objectives	
(2)	40 CFR 403.3 – Definitions	
(3)	40 CFR 403.4 – State and Local Law	
(4)	40 CFR 403.5 – Prohibitions, Local Limits	
(5)	40 CFR 403.6 – Categorical Standards CWF/Regulated/Unregulated/Dilution	
(6)	40 CFR 403.8 – Program Requirements Legal Authority, Implementation	
(7)	40 CFR 403.9,18 – Program Approval	
(8)	40 CFR 403.10 – State Programs	
(9)	40 CFR 403.12 – Monitoring and Reporting Recordkeeping, Haz Waste Notification	
(10)	40 CFR 403.14 – Confidentiality	
(11)	40 CFR 403.16 – Upset Provision	
(12)	40 CFR 403.17 – Bypass Provision	
2:15p – 3:00p		
Section 5 – Representative Sampling		Notes
(1)	40 CFR 403.12 – Self-Monitoring	
(2)	Twice Per Year Minimum	
(3)	Representative of Facility Discharge	
(4)	Representative of Sampling Day	
(5)	Representative of Reporting Period	
(6)	Independent Events	
(7)	Non-Random Bias	
3:15p – 4:00p		
Section 6 – Bypassing and Dilution		Notes
(1)	40 CFR 403.17(d) – Prohibition Against Bypass of Treatment Necessary to Comply	
(2)	Unavoidable to Prevent Loss of ...	
(3)	No Feasible Alternatives	
(4)	Meets Limits / Prior Notification	
(5)	Determination of Compliance	
(6)	Establishment of 40 CFR 417(d) Violations	
(7)	403 CFR 403.6(d) – Prohibition Against Dilution as a Substitute for Treatment	