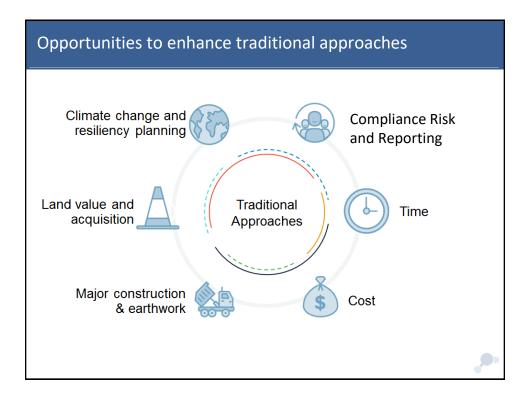
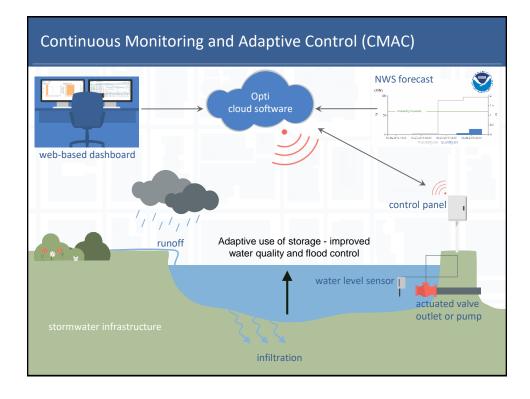


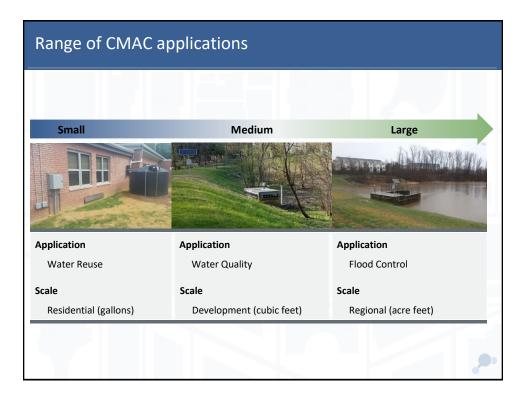


Typical Urban Stormwater Challenges							
Flooding	Combined Sewer Overflows	Water Quality					
Economic ImpactSocial ImpactEnvironmental Impact	 40 million people in 32 states 850 Billion gallons of untreated sewage 	SedimentNutrientsTrash/Debris					



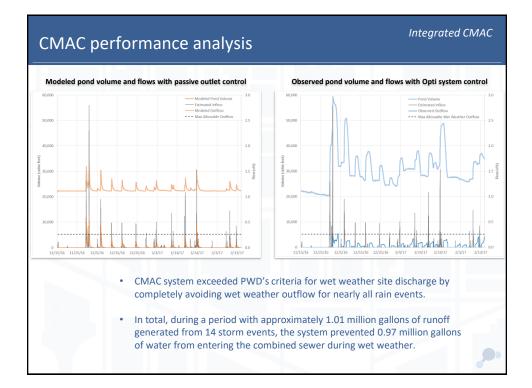




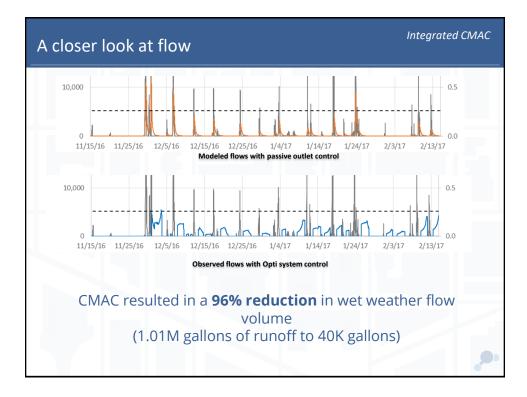




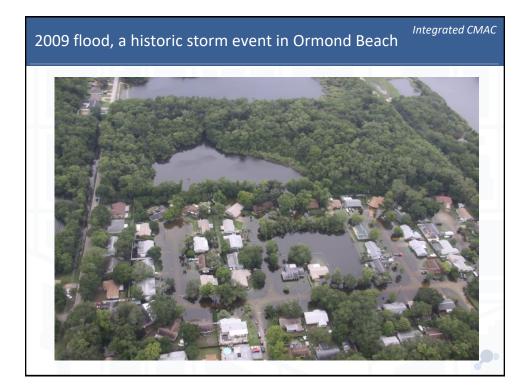
SMIP CMAC retrofit at (Cintas Corporation	Integrated CMAC
	Project Timeline (award to run)	6 months
	Incremental Benefit	3.3 Green Acres
and the second s	Capital Cost	\$48,000/GA
	Net Savings for Cintas	~\$17,000/yr

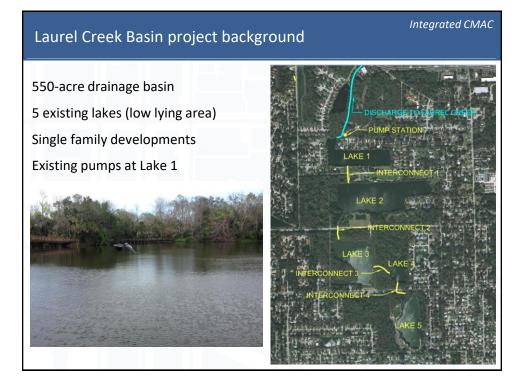


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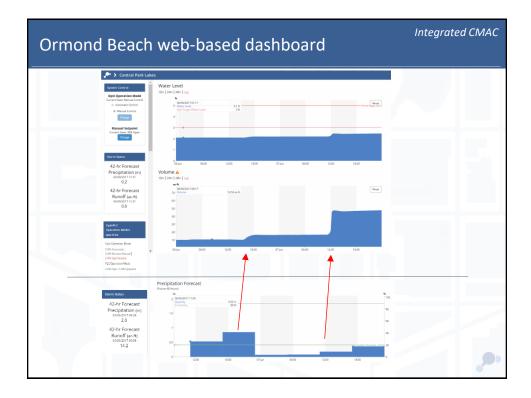








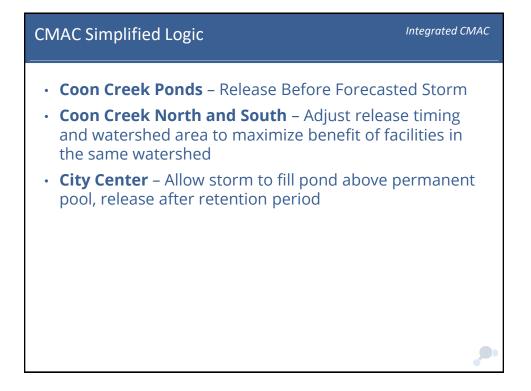
Responding to the	Integrated CMAC Responding to the floods in Ormond Beach				
Phase 1: \$3.4M Lake Interconnections	Bridge: \$200K Pump Station Upgrade (Mar. 2017)	Phase 2: \$8M Increased Pump Capacity			
Why Reduce localized flooding 	Why • Address uncertainty of Phase 2	Why Eliminate localized flooding 			
 What Interconnection of 5 Lakes Downstream sluice gates for tide control (bypass pumping) 	What Forecast-based control Variable Frequency Drive Generator 	 What Additional pump stations with discharge to intercoastal waterway 			
Additional Benefits Aesthetic and recreational 	 Additional Benefits Asset management and maintenance inspections Decision support Insurance policy 	 Additional Benefits Reduction of 100-year flood stage 			

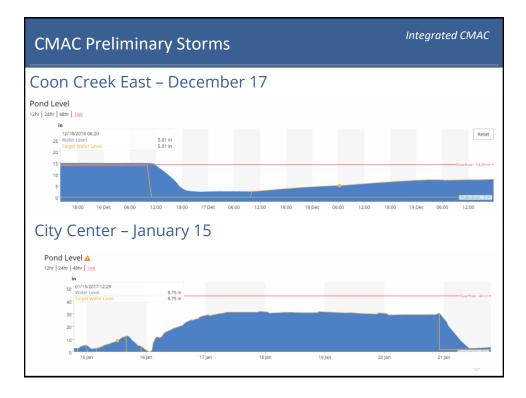


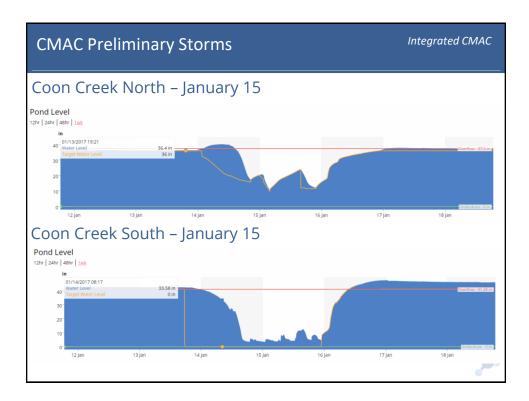


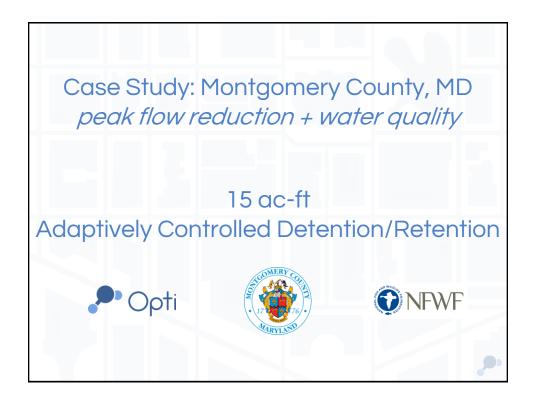


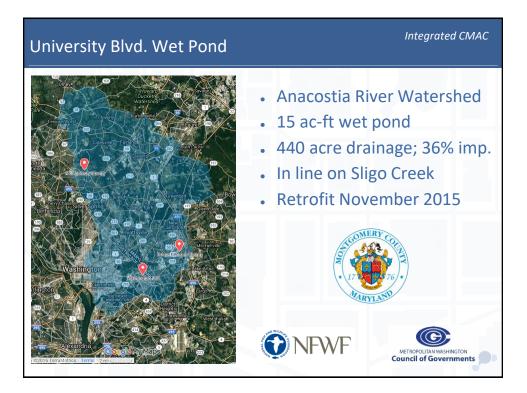




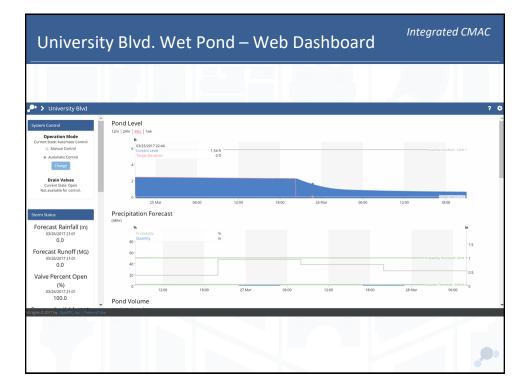


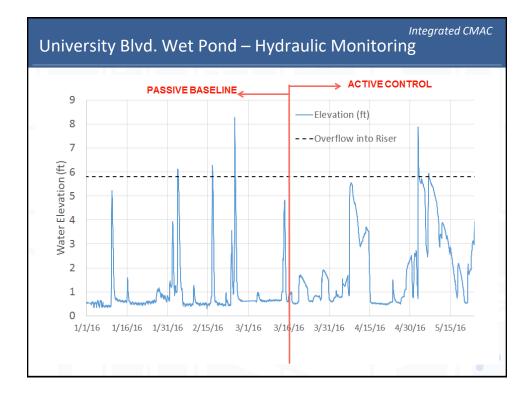












Nitrogen Percent Remova		cent Removal		TSS Percent Removal	
Storm Size	СМАС	MDE Wet Pond*	Storm Size	СМАС	MDE Wet Pond*
0.30	28%	20%	0.30	53%	40%
0.32	42%	21%	0.32	71%	41%
0.52	48%	26%	0.52	88%	53%
0.79	68%	30%	0.79	77%	61%
1.32	47%	36%	1.32	86%	72%
Percent Nitrogen Removal by Storm Size		Percent TSS Removal by Storm Size			
80% 60% 40%			80% 60% 40%		
20% Measured		20%	-	Measured	
0% -Credited		0%	+	Credited	

