OC SAN
ORANGE COUNTY SANITATION DISTRICT

OC SAN HIGH FLOW PLAN

Preparing for and Respoınding to Weather-Related High Flow Events

OC San has a plan in place designed to prepare for and respond to weather-related high flow events that uses a color code system designed to best assess the condition and coordinate a response.

CODE	GENERAL CONDITIONS	WHAT IT MEANS	VISUAL EXAMPLE
BLUE Preparation Phase	A storm expected to have 1 inch or more of rain is forecast to occur within 3 days or the upcoming weekend.	Staff ensures that the two plants and collection system have the resources either available or ready to put in place to rapidly and efficiently move to Codes Yellow, Orange and Red as needed.	
YELLOW Threat Phase	The rainfall event has delivered the predicted quantities (or more) of precipitation, and increasing flow rates are expected.	This code is called when the incoming flow levels, combined with the normal time of day diurnal flow patterns, indicate that there is a real possibility or probability of needing to move to Code Orange because we will need to use storage options.	
ORANGE High Flow Management & Storage Utilization Phase	Incoming flows are high enough and the expected normal diurnal flow pattern is either on the increase or is expected to continue.	This code is called when both plants and the collection system will need to be used for high flow management and storage utilization to prevent or delay a Code Red.	
RED Overflow / Emergency Phase	Flow has exceeded the capacity of the 120-inch outfall system, and very limited or no storage is available. Containment of wastewater anywhere in the collection system has been lost.	Storage in both plants and the collection system has been used and the incoming flow is either expected to continue to increase or stay at the high level. The normal daily flow pattern is not yet at its daily peak or it is expected to remain at peak, and the 78-inch outfall is being used or is expected to be used. The last option of letting the outfall overflow to the Santa Ana River to protect Plant No. 2 from flooding is available. For the collection system, some portion or portions of the system are surcharged and overflowing to the streets and the storm drain system.	
PURPLE Recovery / Return to Normal Phase	Staffing and operations return to normal or to Code Blue activities from Yellow, Orange, or Red.	OCWD may return to normal production or cease the GWRS discharge to the Santa Ana River. SAWPA shall be notified too.	

Our mission is to protect public health and the environment by providing effective wastewater collection, treatment, and recycling.

Be Prepared | Monitor Conditions | Act Promptly | Protect Our Community