

Hach Panel

Contaminant Detection

Contaminant	Concentration	Hach Panel Alarm	Turbidity	Chlorine	pH	Conductivity	TOC
HFS	7 to 10 ppm F ⁻	X			X	X	
HCl	1.1 pH Drop	X			X		
HNO ₃	2.1 pH Drop	X			X	X	
NaOH	2.7 pH Increase	X	X	X	X	X	
CuSO ₄	4 to 12.5 ppm	X	X		X	X	
D-Con	5 ppm		X			X	
D-Con	50 ppm	X	X	X	X	X	X
Fire Foam	0.01 mg/l	X		X		X	X

Notes: X = Change in Parameter

Monitoring System Contaminant Detection

Contaminant	Concentration	Hach Dist. Panel	Sievers TOC	UVT	INFICON Hapsite GC-MS	Biosensor Fish Monitor*	JMAR Biosentry
HFS	7 to 10 ppm F ⁻	X		n/a			
HCl	1.1 pH Drop	X		n/a		X	
HNO ₃	2.1 pH Drop	X		X		X	
NaOH	2.7 pH Increase	X				X	
CuSO ₄	4 to 12.5 ppm	X		X		X	
D-Con	5 ppm						
D-Con	50 ppm	X	X	X			
Fire Foam	0.01 mg/l	X	X				

Notes: X = Detected by Instrument

n/a = Not Available;

* 6 out of 8 fish in alarm