IHC CDF Dredge Project : Air Monitoring Alarm Response Log

Air Monitoring Station: ☒ M1 ☒ M2 ☐ M3 ☐ M4 ☐ Dock

Air Monitoring Instrument:

☐ Cerex Unit (Naphthalene) ☒ Thermo Unit (Particles) ☐ PID Monitor

Date & Time of alarm: 10-1 to 10-2 M1 4:00-2:15, 10-6 M1 3:30AM, 10-9 M1 & M2 7:00 PM, 10/10 M2 5:30 to 3:15AM, 10-17 M2 6:45 AM, 10-18 M2 8:15 AM

Email sent to site Technician? (Yes or (No))

Technician responded to the alarm? Scott Peterson

1. Was dredging occurring at the time of the alarm? (Yes or (No))
2. Alarm caused by:

	Loss of Power
	Loss of Radio Communication
	Out of Calibration
	UV Alignment
	Blockage in Air Tube
?	Air Quality
X	Other: Unknown

3. Corrective Actions taken? ((Yes) or No)
4. Dredging suspended? (Yes or (No))
5. Alarm logged in air monitoring action spreadsheet? ((Yes) or No)

Description of Action Taken:

A) Air units were checked several times and recalibrated during the month. It is unknown what is causing the high particle reads. Site is under construction with raising the dike height an additional 11 feet. Semi-truck traffic driving and delivering of limestone fill for the raise is causing dust from the gravel roads which maybe the problem. The contractor is spraying the roads with a water wagon to keep the dust to a minimum. Currently the air monitoring unit communication/cellular link is changing to send the data directly to Argon National Labs. ANL is in the process of reprogramming air web server to send out notices for high alarms. During the month of October, the data from the air stations were stored on ANL sever. The web site well be updated once the programming is completed.