

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: 6/14/2015 to 6/15/2015 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:

- | | |
|-------------------------------------|-----------------------------|
| <input type="checkbox"/> | Loss of Power |
| <input type="checkbox"/> | Loss of Radio Communication |
| <input checked="" type="checkbox"/> | Out of Calibration |
| <input type="checkbox"/> | UV Alignment |
| <input type="checkbox"/> | Blockage in Air Tube |
| <input checked="" type="checkbox"/> | Air Quality |
| <input checked="" type="checkbox"/> | Other: Heavy thunderstorms |

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) Due to the server storms over the last week the air unit relative humidity went out of alignment. On Sunday morning a quick calibration with the Naphelometer was performed. At that time normal results were displayed on the Thermo unit. After the storm subsided on Monday a full calibration was performed on the air unit. The relative humidity was out of calibration. The relative humidity was adjusted and the air unit is reading correctly. An email was sent to the Thermo service department to confirm the display code and calibration results.