

# 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: 7/7, 7/8, 7/12, 7/13, 7/18, 7/21, 7/26, 7/29

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

Technician responded to the alarm? Scott Peterson

1. Was dredging or dike construction 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 type="checkbox"/>              | Out of Calibration                      |
| <input type="checkbox"/>              | UV Alignment                            |
| <input type="checkbox"/>              | Blockage in Air Tube                    |
| <input type="checkbox"/> ?            | Air Quality, truck traffic, site mowing |
| <input checked="" type="checkbox"/> X | Other: Unknown                          |

3. Corrective Actions taken? ( **Yes** or No )

4. Dredging suspended? No dredging operation currently on site. ( Yes or **No** )

5. Alarm logged in air monitoring action spreadsheet? (**Yes** or No )

***Description of Action Taken:***

- A) It is unknown what is causing the high particle reads. The air units were checked and calibrated. No deficiencies were found during inspection.
- B) Current construction with the dike project has increased semitruck traffic on the site delivering building materials. Although dust control measures are in place to spray the roads with water occasionally areas dry up allowing dust from traffic.
- C) Site mowing and maintenance intermittently causes dust and dirt in the air that may cause some of the alarms.
- D) Air units are checked and calibrated once a week.