

**ATTACHMENT B
72 HOUR FOLLOW-UP NOTIFICATION REPORT FORM
CONTRA COSTA HEALTH SERVICES HAZARDOUS MATERIALS
PROGRAMS**

For CCHSHMP Use Only:

Received By: AS
Date Received: 1/17/23
Incident Number: 230113-01
Copied To: _____
Event Classification Level: 2

INSTRUCTIONS: A hardcopy and an electronic copy of this report is to be submitted for all Public Health Advisory – Level 2 and Public Protective Actions Required – Level 3 incidents or when requested by CCHSHMP. See Attachment B-1 for suggestions regarding the type of information to be included in the report. Attach additional sheets as necessary. Forward the completed form to:

ATTENTION:
Hazardous Materials Programs Director
Contra Costa Health Services Hazardous Materials Programs
4585 Pacheco Boulevard, Suite 100
Martinez, CA 94553

INCIDENT DATE: January 13, 2023
INCIDENT TIME: Approximately 17:20 (Event Discovered and Initially reported as 17:30)
FACILITY: Shell Catalysts & Technologies – 2840 Willow Pass Road, Bay Point, CA

PERSON TO CONTACT FOR ADDITIONAL INFORMATION

Jeff Luengo Phone number 925-313-9862

I. SUMMARY OF EVENT:

On 1/13/2023 at approximately 17:30, SC&T personnel noticed white powder in the air around the units. They discovered one of the raw material Aluminum Oxide powder (Alumina) storage silos was releasing Alumina to the air. The silo was not being filled at the time of the event. The last Alumina draw/usage to the units started at 17:25, so the level should have been going down at the time of the event. All movements out of the silo were stopped at 17:30. The last silo filling event took place several weeks before (12/25/22) and was filled to about 90% of capacity. Just prior to the event the silo was at about 85% capacity after being used several times on the 13th. Alumina is the main raw material for our product and is unused at this part of the process. The following day, after a review of the process data, revealed the release event started at approximately 17:20.

II. AGENCIES NOTIFIED, INCLUDING TIME OF NOTIFICATION:

CCHS notified at ~17:43 of Level 1 via Haz Mat Hotline 655-3232.
CCC Sherriff took call relayed info to CCHS personnel/CCC Fire-Haz Mat.
CCHS Called back at 18:00 for details.
California OES – 800-852-7550 notified at 20:27 (after advice from CCHS Personnel).
OES Control # 23-0440

III. AGENCIES RESPONDING, INCLUDING CONTACT NAMES AND PHONE NUMBERS:

CCHS Haz Mat Team 925-655-3200
CCC Fire Department Haz Mat - 911

IV. EMERGENCY RESPONSE ACTIONS:

Plant was shut down and Operations group commenced containment of material and clean up.
CCHS and CCC Fire Department arrived on site but did not perform any ER activities.

V. IDENTITY OF MATERIAL RELEASED AND ESTIMATED OR KNOWN QUANTITIES:

Aluminum Oxide Powder – Approximately 1,500 to 2,000 pounds was released from the silo.
Alumina is not classified as ‘Dangerous’ under GHS criteria, not a DOT Hazardous Material and not a Federal or State Hazardous Waste. There is no EPA Reportable Quantity for Aluminum Oxide. SDS attached.

72-HOUR REPORT, PAGE 2

INCIDENT DATE: 1/13/2023

FACILITY: Shell Catalyst – Bay Point

VI. **METEOROLOGICAL CONDITIONS AT TIME OF EVENT** including wind speed, direction, and temperature:

Approximately 50 °F. Cloudy. Calm but slight breeze to the NE.

VII. **DESCRIPTION OF INJURIES:**

NONE.

VIII. **COMMUNITY IMPACT** including number of off-site complaints, air sampling data during event, etc.:

No offsite complaints at the time of this report.

There were some very minor amounts (<0.5 pounds) of Alumina dust to the NE of the plant near our industrial neighbors. There was no noticeable material seen in the roadway/driveway to our industrial neighbors to the north of the plant.

IX. **INCIDENT INVESTIGATION RESULTS**

Is the investigation of the incident complete at this time? _____ Yes No

If the answer is no, submit a 30 day final or interim report.

If the answer is yes, complete the following:

X. **SUMMARIZE INVESTIGATION RESULTS BELOW OR ATTACH COPY OF REPORT:**

N/A

XI. **SUMMARIZE PREVENTATIVE MEASURES TO BE TAKEN TO PREVENT RECURRENCE INCLUDING MILESTONE AND COMPLETION DATES FOR IMPLEMENTATION:**

N/A

ATTACHMENT B-1
72-Hour Report Guidelines

The following list are items that may be included in the 72-Hour Report to CCHSHMP following an accidental release of a hazardous material. Not all of the items below may be applicable or available at the time of submission.

- I. Summary of the Event
 - Background Information/ Events Preceding the Incident
 - Incident Summary, including timing of key events
 - Shift Logs, real-time computer/instrument logs, fence line monitor data, etc.
- II. Emergency Notifications (include names, phone numbers and times)
 - CCHSHMP
 - Time/ Level of CWS Activation
 - Other Agencies
 - Copy of State OES Emergency Release Follow-Up Notice Reporting Form
- III. Agencies Responding
 - Agency
 - Person or people responding
 - Contact person with telephone number
- IV. Emergency Response Actions
 - Mutual Aid Activated?
 - Fire Department Response?
- V. Material Involved
 - Estimated Quantities
 - CalARP Regulated Substances?
 - Safety Data Sheets
- VI. Meteorological Data (wind speed, direction, temperature, rain/sun, etc.)
- VII. Injuries (including number, type and severity)
- VIII. Community Impact
 - Community Complaints
 - Off-Site Consequence Impact Analysis (i.e., injury, property damage, etc.)
 - Sampling Data, including fence line monitors, if applicable
 - Community Monitoring Results
- IX. Incident Investigation
 - Procedure Summary
 - Will Root Cause Analysis Be Performed?
 - Investigation Team/ Contact Person(s)
 - Findings/Conclusions
 - Root Causes
 - "Safety System" Flaws
 - Corrective Action/ Preventative Measures
 - Description
 - Implementation Dates