

**FILE NAME: Calaveras (CALV)**

**DATE: 1984 June 19**

**DOC#: CALV013**

**DOCUMENT DESCRIPTION: Government Inspector's Diary**

000075

Request 2

Inspector's name Cheryl HardenReporting for the day of 6-19-84

Fred Schmitt and I inspected Calaveras Asbestos south of Copperopolis in Calaveras County on June 19, 1984 in the afternoon. We stopped at the property line and registered at the guard house then drove in about 3 miles and contacted Mr. Joey Toney at the plant. He took us on a tour of the site in his truck. We observed the open pit mine from the rim, the crusher, the <sup>ore</sup> conveyors, and the mill, and the waste disposal area.

Mr. Toney told us that this plant is the only dry asbestos plant in the U.S. The deposit being mined in the deep circular pit mine is expected to be exhausted by 1990. They have been expanding the pit since January, 1984. Removal of material from the mine is in the ratio of 5 trucks of waste material to 1 truck of ore. The roads were not dusty; they are watered by a water truck. The plant has 220 employees and operates 5 days a week: 3 shifts/day for the mine and the mill, 2 shifts a day for the crusher. Maintenance crews work on the downshift. Ongoing bridge maintenance requires that the bridges be checked weekly with one. After looking at the mine we drove up to the waste disposal area where tailings come from the plant via conveyor belts, are sprayed with water containing Dustrol, a biodegradable detergent used as

Inspector's name Haden - page 2

Reporting for the day of 6-19-84

a wetting agent the wetting agent causes the damp tailings to dry with a crust minimizing dust formation and blowing.

As we drove by the waste disposal conveyor system carrying the tailings we noted small amounts of dust emitting from the water sprayer box and the conveyor system later identified by Mr. Toney as water screw No. 2 and the E-5 head pulley.

We did not stop but proceeded in the truck to the mill where Mr. Toney left instructions for the maintenance crew to investigate the emissions problem. We then toured the inside of the mill. No other visible emissions were noted in these areas and the plant looked very clean. I asked Mr. Toney to again drive us up to the tailings area to see if the problem had been fixed but slight emissions were still evident. We got out of the truck and walked behind the water spray box to observe the emissions from the proper side angle. The tailings are conveyed through a long box with spray nozzles entering on both sides. Emissions from these emission points which could be observed were less than 10% opacity. Emissions emanated from the nozzle entry openings and where the tailings drop onto belt E-5-2 and where they drop from there down on to belt E-5-3.

Mr. Toney attempted to increase the water flowing

Inspector's Daily Diary

Inspector's name Hidden - page 3 Reporting for the day of 6-19-84

into the sump box by turning a water valve, but this had no apparent effect. We then returned to the truck and drove down the length of the conveyor belt system in search of the maintenance crew. We observed the emissions as the tailings dropped from S-5-7 to S-5-3, but no emissions were noted as the tailings dropped from the belt to the tailings pile. Mr. Terrey spoke with the maintenance crew and reported that attempts to fix the problem had failed, but that it would be taken care of as soon as possible. We then left the plant, after telling Mr. Terrey that the <sup>plant</sup> was in violation of NSR rules and that someone from the District would probably conduct a follow-up inspection to ensure compliance.

Cheryl C. Hahn

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |                                                                                                                                                                                                                                                                 |  |
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| <b>RECORD OF COMMUNICATION</b><br><b>209-754-3819</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  | <input checked="" type="checkbox"/> PHONE CALL <input type="checkbox"/> DISCUSSION <input type="checkbox"/> FIELD TRIP <input type="checkbox"/> CONFERENCE<br><input type="checkbox"/> OTHER (SPECIFY) : _____<br><small>(Record of item checked above)</small> |  |
| <b>TO:</b> Mike Redgraves<br>Calaveras County APCD                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  | <b>FROM:</b> Stephen A. Limperum<br>BMD                                                                                                                                                                                                                         |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  | <b>DATE:</b> 12/15/84<br><b>TIME:</b> 3:58                                                                                                                                                                                                                      |  |
| <b>SUBJECT:</b> Mike's inspection of Calaveras Asbestos LTD.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |                                                                                                                                                                                                                                                                 |  |
| <b>SUMMARY OF COMMUNICATION:</b><br><p>Mike said new water sprayers and shrouding has been added to the conveyor system transporting tailings from the mill. He saw slight visible emissions from the transfer point (E-5 head pulley) the ARB documented as emitting visible emissions. However, he thinks they could have been water spray. He saw no other visible emissions from the source facility.</p> <p>Mr. Joey Toney told him that additional water sprayers and shroud would be installed on the other conveyors also.</p> <p>Mike will send me his report of the inspection.</p> |  |                                                                                                                                                                                                                                                                 |  |
| <b>CONCLUSIONS, ACTION TAKEN OR REQUIRED</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |                                                                                                                                                                                                                                                                 |  |
| <b>INFORMATION COPIES TO:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |                                                                                                                                                                                                                                                                 |  |

10/3/84

Phil Guatogundo → Joe Torre -

was there last week. To state. Quality water.

• Blasting Station Limits.

• Never seen them

• Mix Fuel & Diesel to form  
Explosive.

AMFD  
→ Station Limits

• Blast hole is 500 ft deep

• Probable 3-5 miles to water from hole

• 9-10 inch basin - last one spilling into  
river.

• The material settles rapidly - and not much  
into river.

• From D.O.H.E. envelope →

• Joe Torre will drive you down the  
Tarting, etc.

\* • From a water stand point - No problem.  
no blasting into water, the containment  
is good.

Joe Torre - 209-795-2201 11:42 Colinas -

operation. Submarine -

normal to NOU 2, -

11/21 - 11/22 - General Transport 11/21 - Station

11/22 - 11/23 - Mine and lower

11/23 - mine resumes.

→ Elation at mine - 3 hours. mine work - 11/23

• Colinas Gulf 11/23 - Note Red-race suspected

000080

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |                                                                                                                                                                                             |  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| <b>RECORD OF COMMUNICATION</b><br>8914-322-1571                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  | <input type="checkbox"/> PHONE CALL <input type="checkbox"/> DISCUSSION <input type="checkbox"/> FIELD TRIP <input type="checkbox"/> CONFERENCE<br><input type="checkbox"/> OTHER (SPECIFY) |  |
| TO: Phil Guatagnino<br>AREA ENGINEER<br>E.U.C.R.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  | FROM: Stephen P. Cimperman<br>DATE: 8/13/84<br>TIME: 10 AM                                                                                                                                  |  |
| SUBJECT: Recent Calaveras asbestos Water Pollution Inspection                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |                                                                                                                                                                                             |  |
| SUMMARY OF COMMUNICATION:<br>The following is a brief description outlining our telephone conversation.<br><u>Blasting in Mine:</u><br>According to Phil, he has never seen the blasting. He does know that they use a <u>low</u> explosive created from a mixture of Ammonium Nitrate and fuel oil. Proper proportions should result in a small explosion designed to just crack the asbestos ore, not to propel it into the sky. The mine is an open pit mine is 500 ft deep and the nearest home is approximated as between 3-5 miles from the mine.<br><u>Water Pollution:</u><br>There are 9 or 10 catch basins at the bottoms of the tailings piles designed to control asbestos runoff into the Stanislaus river. Phil doesn't think there is a water pollution problem.<br>CONCLUSIONS, ACTION TAKEN OR REQUIRED:<br>created resulting from the run off. Phil used to work for the Calif. D.O.H.S. in the hazardous waste area. He thinks E.P.A. would be will find there is no problem at the tailings piles. |  |                                                                                                                                                                                             |  |
| INFORMATION COPIES TO:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |                                                                                                                                                                                             |  |

## CALAVERAS COUNTY AIR POLLUTION CONTROL DISTRICT

9

## INSPECTION REPORT

BUSINESS NAME: Calaveras Ashbestos

CE ADDRESS: \_\_\_\_\_

PERSON CONTACTED AT PREMISES: Tommy Toney TITLE: Furnace Operator

| EQUIPMENT<br>NUMBER | TYPE OF EQUIPMENT           | OPERATING |    | MAXIMUM<br>OPACITY | COMPLIANCE |    |
|---------------------|-----------------------------|-----------|----|--------------------|------------|----|
|                     |                             | YES       | NO |                    | YES        | NO |
| one                 | E5 waste system head pulley | X         |    |                    | X          |    |
|                     |                             |           |    |                    |            |    |
|                     | response to previous insp.  |           |    |                    |            |    |
|                     | by OCA staff.               |           |    |                    |            |    |
|                     |                             |           |    |                    |            |    |
|                     |                             |           |    |                    |            |    |
|                     |                             |           |    |                    |            |    |
|                     |                             |           |    |                    |            |    |
|                     |                             |           |    |                    |            |    |
|                     |                             |           |    |                    |            |    |

## REMARKS:

Conveyor cover extended under many wazles added additional  
 tailings chutes (to new tailings water) added. Water screen #2  
 to be sealed. (new) cover + more spray wazles planned.  
 Some visible dust from water screen #2. Mr. Toney stated sealing  
 will reduce that to nil. No emissions seen at any other point  
 of conveyor system.

|                                                                                                                                                       |                                                                                                                                                         |
|-------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|
| ACTION TO APPLY <input type="checkbox"/><br>ACTION REQUEST <input type="checkbox"/><br>IT. NO. <input type="checkbox"/><br>R <input type="checkbox"/> | ISSUED TO: <u>no action necessary; request</u><br>FOR: <u>next visit to plant</u><br>RESPONSE DUE <u>19</u> FOLLOW UP REQUIRED <input type="checkbox"/> |
|-------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|

INSPECTION DATE 7-19-84INSPECTOR MP Redman

000082

## Calaveras Asbestos -

7.19.84

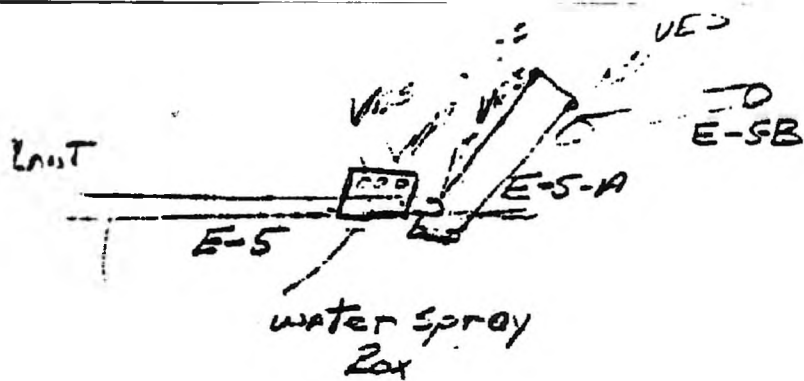
MPR - inspection of E/S waste system head pulley - modifications include extending conveyor cover and installing more spray nozzles & plows to mix tailings. Also, water screw #2 is to be sealed, and ~~more~~ longer covers with more sprayers are to be installed.

→ Some visible dust and/or water spray can be seen at water screw #2; it is very slight, however, insignificant compared to occasional blowing dust. Mr. Toney assures we dust from screw #2 will be reduced to nil.

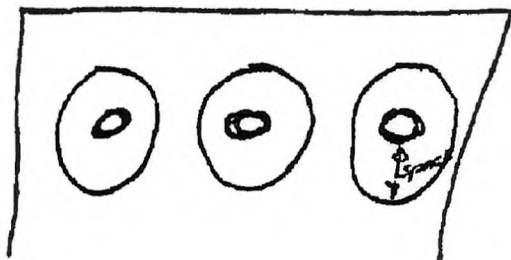
→ No emissions from conveyor end, or final transfer belt, or other transfer points.

000083

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|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|
| <b>RECORD OF COMMUNICATION</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <input checked="" type="checkbox"/> PHONE CALL <input type="checkbox"/> DISCUSSION <input type="checkbox"/> FIELD TRIP <input type="checkbox"/> CONFERENCE<br><input type="checkbox"/> OTHER (SPECIFY) : _____ |                          |
| (Record of item checked above)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                |                          |
| TO: Seeley                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | FROM: Fred Schmidt<br>CA ARB                                                                                                                                                                                   | DATE 9/7/84<br>TIME 1450 |
| SUBJECT Calaveras Asbestos - Ab violation.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                |                          |
| SUMMARY OF COMMUNICATION<br><p>             Fred called to advise that on June 19, he &amp; Cheryl Hayden, CAARB Compliance, inspected the Calaveras Asbestos mill in Calaveras County &amp; observed visible emissions from the conveyor to the tailings pile, a violation of the NESHAPs regs. In preparing their report, they were not sure of whether or not Calaveras Co ARB had been delegated NESHAPs since the CFR is contradictory. I looked it up, talked to Julie Rose re the problem &amp; agreed — but the regs have <u>not</u> been delegated.           </p> <p>             I asked that I be given a copy of the report when I visit the CAARB office on 9/10 so that we can take an enforcement action. Fred said the report isn't finished yet but they'll try to have something ready.           </p> |                                                                                                                                                                                                                |                          |
| CONCLUSIONS, ACTION TAKEN OR REQUIRED<br><p>             §113(a)(3) Admin Order and §113(b) direct reference for penalties. Will also need EPA inspection ASAP to determine if violation is continuing.           </p> <div style="text-align: center; margin-top: 20px;">             inspector<br/>             (7)           </div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                |                          |
| INFORMATION COPIES<br>TO: Howelkamp                      Body                      Marvel                      Sims / [Signature]                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                |                          |



R.O.V.



Emission Points

000085