

# ROSEMARY'S MOUNTAIN QUARRY

## Dust Monitoring Working Group Meeting

August 19, 2008

6:30 – 8:30 p.m.

Rancho Monserate Clubhouse

## MINUTES

**Guest monitoring experts: Russell Erbes and V. Kristopher Allen from Kleinfelder; Paul Schafer and Thomas Rappolt from Tracer Environmental Sciences & Technologies**

**Dust Monitoring Working Group: Community Members participating included Rachel Bishop, Richard Conan, Josephine MacKenzie, Judy Miller, Anna Mullen, Paula Oenning, Jim Oenning, and Larry Pearce**

**Granite Construction Company: Geoff Boraston (Director of Environmental Affairs), Gary Nolan and Chris Kiser**

**Others: There were several other members of the Fallbrook Community who attended and participated in this meeting.**

**Neutral Facilitators: Dennis Sharp and Gail Nugent of Sharp Resolutions**

This meeting of the Dust Monitoring Working Group began with a discussion of the purpose of the session. It was agreed that the purpose would be to obtain additional information from the monitoring experts attending the meeting to assist the Working Group in its creation of a dust monitoring system and written plan for Rosemary's Mountain Quarry (for the detection of crystalline silica, the chemical toluene from asphalt production, fugitive dust and other particulates). The parameters and scope of the monitoring system and written plan that is developed by the Working Group will be incorporated into a draft Request for Proposal that will be sent

by Granite Construction Company to potential independent monitoring contractors for their opportunity to bid on the work.

Each expert provided an overview of monitoring and answered questions posed to them by the Working Group. During the course of the discussion it was agreed by the group that:

- Measuring opacity is useful and is required by the County of San Diego under Granite's permit, but that measuring just for opacity is not enough.
- Approximately four to six monitors should be placed in locations where there is a meteorological flow condition. These monitors should be mobile and EPA designated. It was noted that in the air quality act weather stations at the site are well defined (40CFR52).
- Many things should be measured in concert (to create a full story).
- All data collected should be made available to the public. How this will be done requires further discussion.
- The monitoring system/plan should include a discussion of what will be done if a problem is detected during monitoring.
- The company that is contracted by Granite Construction Company to conduct the monitoring should be trustworthy and independent.
- It is cost effective to consider property line/fence line monitors.
- The monitoring system/plan should include enough samplers at predominant wind direction sites.
- The monitoring system/plan should include a sampling schedule, which provides additional information from all over the County.
- The sampling schedule should be adequate to address the operation of the quarry in all of its phases of operation. It was agreed that the schedule of the monitoring required further discussion.
- The monitoring system/plan should include a plan for maintaining the security of the sampling equipment.
- The monitoring system/plan should be flexible so that it can address changes during the life of the quarry and some components may be ongoing.
- The monitoring system/plan should address pm 10, pm 4 and pm 2.5.
- The monitoring system/plan should define the scope of the monitoring and address when to monitor, including when the site is in full operation, during the heat of the day and at other times when the conditions will be at their worst for particulate creation and transmission.

- A list of CEQA and NEPA approved companies can be provided the RFP and other companies may also be included if they have meet certain guidelines.

[Note: For other agreements reached regarding developing a dust monitoring system and written plan, please see the minutes of the July 22<sup>nd</sup> meeting.]

Three questions raised at the meeting and not addressed in the agreements above are: What is the impact of cumulative particulates (crystalline silica, etc.)?; How can this accumulation be addressed in the monitoring system/plan?; and, Whether the monitoring system/plan developed for Rosemary's Quarry would set a precedent for all monitoring conducted by Granite Construction Company in the future.

NEXT STEPS: Granite Construction will create a draft Request for Proposal (RFP) for the Working Group to discuss and revise at the next meeting. Gary Nolan expects to complete the draft RFP by or before September 12<sup>th</sup> and will send it to Sharp Resolutions. Sharp Resolutions will then send the draft to the rest of the Working Group members and to the larger, monthly dialogue group; community members from the larger group will be invited to send questions and comments regarding the draft RFP to Sharp Resolutions to be forwarded to the Working Group. After Gary incorporates the agreed to revisions from the next meeting, he will disseminate a revised RFP to the Working Group.

We will discuss further steps in the process at the upcoming meeting which will be held as follows:

DATE: TUESDAY, SEPTEMBER 16, 2008

TIME: 6:30 – 8:30 P.M.

PLACE: RANCHO MONSERATE CLUBHOUSE

If you have questions, please contact Sharp Resolutions by email at sharpresolutions @yahoo.com or call Dennis Sharp at (619) 204-6504.