

## Fact Sheet #3 – Perimeter Air Monitoring

### Folsom Corporation Yard Landfill Clean Closure

#### **Why is perimeter air monitoring conducted?**

Construction activities during the clean closure project include demolishing the parking lot, handling fill (such as excavating, segregating, stockpiling, loading, and hauling), and grading. If not managed carefully, these activities have the potential to temporarily degrade ambient air quality. Testing will be conducted at the site perimeter to monitor air quality during the project and construction practices may be limited or modified based on the results.

#### **When will the monitoring start?**

Five air monitoring stations have been established along the perimeter. Intermittent air monitoring began in March 2008 to document the air quality before construction started. More frequent air monitoring will be conducted during the landfill removal.

#### **What are you testing for?**

Investigation of the landfill indicates it contains (in decreasing amounts): fill dirt, construction & demolition debris (such as concrete, asphalt, and metal items), green waste (such as lumber, tree stumps and branches), municipal waste, and a minor amount of asbestos pipe. The five perimeter air monitoring stations will target dust (PM<sub>10</sub>) and metals which are the primary parameters associated with the landfill contents. At the edge of the excavation additional parameters will be measured: asbestos, methane, hydrogen sulfide, and volatile organic compounds (VOCs). To help interpret the results, wind speed and direction are monitored as well.



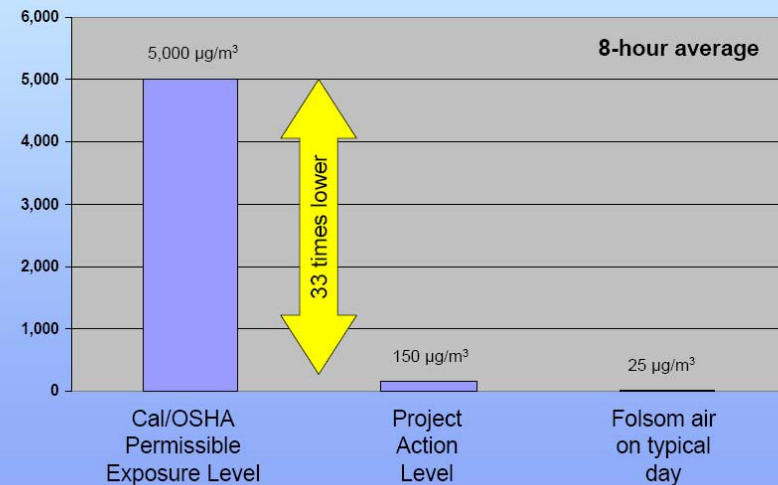
### What are Action Levels?

Action levels in this monitoring program are not regulatory levels; instead, they are used to provide timely notification when concentrations of target chemicals in air are near levels that may require work practices to be limited or modified. Note that the action levels are cumulative for all sources on or off the site. The action levels are set at levels designed to be health protective. For example, the action level for dust (PM10) is set at  $150 \mu\text{g}/\text{m}^3$  which is 33 times lower than the Cal/OSHA permissible exposure level.

### How will the neighborhood be notified of the results?

The air monitoring results will be posted weekly and can be viewed through the City's web site at <http://CleanClosure.folsom.ca.us>. A flag pole located at the intersection of Young Wo Circle and Veterans Way will use different color flags to indicate the current air quality in the immediate project area. Please see the box below for information on the different colored flags.

### Dust (PM10) Action Level – an example



### Flag Will Communicate Project Air Quality

- blue = no project impacts to immediate project area air quality
- white = construction activities limited or modified for additional dust control
- yellow = project has stopped to evaluate additional dust control measures

### Where can I get additional information?

For more information, visit the project web site at <http://CleanClosure.folsom.ca.us> or contact Jennifer Tencati at 916-658-0180 x131 or [j.tencati@circlepoint.com](mailto:j.tencati@circlepoint.com)