

# Mirant PM<sub>2.5</sub> Project Agreement

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# *Current Permit Status*

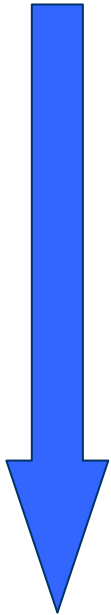
- SAPCB meeting in Alexandria on 3/20/09
- SAPCB made specific requests to VDEQ concerning draft permit conditions:
  - Addition of PM<sub>2.5</sub> limitations
  - Addition of NOx limitations based on VA CAIR caps
  - Must ensure permit allows no annual emissions increases
  - Removal of condition referring to SBC



# *Changes Needed Due to Agreement Requirements*

- Add two-stack limitations for PM<sub>2.5</sub>:
  - 0.016 lbs/mmbtu (filterable + condensable)
  - 85 lbs/hr (5 boilers)
  - 207 tpy (5 boilers)
- Add two-stack limitation for SO<sub>2</sub> after 01/01/09 of 0.36 lbs SO<sub>2</sub>/mmbtu; hourly rates need reviewing.
- Reduce two stack limitation for PM<sub>10</sub> from 377 tpy to 325 tpy
- PM<sub>2.5</sub> testing requirements for compliance
- PM<sub>2.5</sub> testing requirements after completion of PM reduction project to create final PM<sub>2.5</sub> limitations
- PM<sub>2.5</sub> modeling for NAAQS compliance required after final limits are determined

# *Draft Permit Timeline*



- Agreement required Mirant to request permit changes within 30 days of execution of Agreement
- VDEQ made necessary changes and had draft ready for internal review within a two week time frame
- Draft permit ready for Board approval within three-four weeks
- Anticipate a SAPCB meeting July 30<sup>th</sup> or first week in August, where the draft permit will be considered

# Questions?

