



Intel Site Operations

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Site Operations – September 2007

■ F11 Operations

- Production is complete
- Tools are being disconnected and are free of chemicals and gasses
- Tools that are sold will be removed

■ F11X Operations

- Currently fully loaded production of existing products
- New technology tools start up Q3 2008 (July – September)
- New product production begins Q4 2008 (October – December)

■ New Mexico Site Production

- With shutdown of F11, New Mexico will no longer run production levels as high as in past years
- Production of new product will be quite low through early 2011

Emissions Impacts – 2008-2010

■ NO_x/CO

- Expect slight decrease in emissions – running 3 thermal oxidizers instead of 4

■ HAPs/VOCs

- Expect slight decrease in emissions with shutdown of 8” production

■ TAPs

- Expect that all emissions will remain below screening thresholds

Abatement Equipment

- Some exhaust will be needed to maintain cleanroom environment
- Abatement equipment (scrubbers, thermal oxidizers) no longer needed in 11N/W
 - No processes being run
 - No chemicals/gases in facility
- Emergency Generators
 - Needed for life safety systems
 - Will continue routine testing

Thermal Oxidizers

- New Munters thermal oxidizer will be installed to replace Durr in 11S
- Why Munters?
 - Intel plan of record (POR) unit
 - Same removal efficiency as Durr
 - Installed and operating in Arizona and Oregon
 - More reliable
 - Better customer support
- What is Munters?
 - Essentially same as current Durr units - adsorb the VOCs on a disk or rotor to concentrate them and then desorb them into an oxidizer to get burned
 - Separate stack for the concentrator and the oxidizer exhaust

Timeline/Permitting

- Timeline (current plan)
 - 11N/W thermal oxidizer shutdown end of 2007
 - 11S thermal oxidizer shutdown first half of 2008
 - 1st Munters installation schedule beginning Q2'08/operational by end of year
 - Other units to be installed ~ 2013
- All units will be located in the same area – West of CUB
- Ductwork designed for redundancy
- Permitting
 - Technical permit revision required for new stack locations, different stack parameters (height, flow rate, temperature) and different operating temperature
 - Dispersion modeling will be submitted
 - Open House will be held October 15, 6:00 pm – 8:00 pm at the Corrales Community Center (adjacent the Corrales City Offices)
 - Plan to submit permit revision by end of October