

**Intel New Mexico
Community Environmental Working Group
October 2011 EHS Activity Report**

PLANT STATUS:

Production equipment servicing Fab 11X was operating at approximately 96.9% of capacity.

MONITORING UNDERWAY OR COMPLETED THIS MONTH:

- H2Q3'11 VOC testing completed September 2011

INSPECTIONS/MEETINGS:

None

SITE EVENTS :

Date:	Time	Event:	Status/Community Impact:
9/20/11	07:00-19:00	Crane setup to work on Nitrogen plant motor.	Visual impact and possible noise impact
9/20/11	7:00-17:00	Crane lifting a boom lift out of the CUB basement	Visual impact and possible noise impact
9/22/11	3:05-12:55	Munters unit VOC-138-3-120 went down for scheduled downtime for PM; redundancy in place.	No unabated emissions; redundant unit operating
9/22/11	13:56-15:52	Munters unit VOC-138-2-120 went down for scheduled downtime for PM; redundancy in place.	No unabated emissions; redundant unit operating
9/22/11	7:00-17:00	Crane use to place exhaust extensions on west fan deck roof of F11NX.	Visual impact and possible noise impact
9/29/11	7:00-17:00	Crane on site to remove fan and base and to set a new fan and ase at the CUB.	Visual impact and possible noise impact
9/29/11-10/30/11	7:00-19:00	Boom lift to replace lights in all parking lots, Intel way and Sky way visible on Hwy 528.	Visual impact and possible noise impact
10/4/11	7:00-17:00	Crane Use to place steel beams in the APCI yard.	Visual impact and possible noise impact
10/11/11-10/12/11	7:00-17:00	Crane on site to remove fan and base and to set a new fan and base at the CUB.	Visual impact and possible noise impact
10/12/11	7:00-17:00	Crane Use to place Steel beams in the APCI yard	Visual impact and possible noise impact

INFORMATION REQUESTED BY OR PROVIDED TO REGULATORY AGENCIES:

Date	Item:	Permit or Regulatory Requirement/ Regulatory Request:
9/15/11	NMED, Quarterly VOC testing protocol	Permit Requirement
9/27/11	NMED, Notification of Source Shutdown – F11X Durr Thermal Oxidizers	Regulatory Requirement
10/3/11	ABCWUA, Intel's September 2011 Ammonia Summary	Permit Requirement
10/12/11	EPA, Best Available Monitoring Methods Request for Extension for Green House Gas Monitoring	Regulatory Requirement

CALLS (e-mails) RECEIVED: NUMBER OF NEIGHBORS CALLING IN – 1

Date	Time	Comment	Action Taken
9/19/11	21:56	Neighbor in Zone 2 reported 9/19/11 offsite complaint of an "alcohol/chemical smell" from Intel site. Wind blowing from the northwest 325 degrees at on average 3-6 mph.	Command center was notified and called Thom Little. The message recorded indicated there was no need for follow up. Thom Little drove through the neighborhood but could detect no odors. The systems were checked and nothing was operating out of compliance.
10/5/11	6:23	Neighbor in Zone 2 reported a bonfire up on the hill.	Intel investigates by driving the east perimeter fence from northside of CUB to far south perimeter road (Skyview Rd). No fire of any kind can be seen. The steam from the cooling towers on the west side of the CUB is rising straight up and lights reflecting on/thru the steam are giving it a pinkish orange type glow.

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Acronyms/Abbreviations

Acronym/Abbreviation	Full Name	Description
ABCWUA	Albuquerque Bernalillo County Water Utility Authority	The New Mexico Legislature adopted legislation in 2003 creating the <u>Albuquerque Bernalillo County Water Utility Authority</u> (Authority) and transferred all functions, appropriations, monies, records, equipment and other real and personal property pertaining to the City of Albuquerque's Water/Sewer System to the Water Authority. The Authority governed by a <u>board</u> of three City Councilors, three County Commissioners and the Mayor of the City.
APCI	Air Products and Chemicals, Inc	On site company that supply a unique portfolio of atmospheric gases, process and specialty gases, performance materials, equipment and services.
avg	average	The result obtained by adding several quantities together and then dividing this total by the number of quantities
CUB	Central Utilities Building	The CUB houses boilers and other utilities to support the factory.
EHS	Environment, Health and Safety	EHS is the abbreviation for Environment, Health and Safety Department. This is a common abbreviation although other corporations commonly use ESH.
EPA	Environmental Protection Agency	EPA's mission is to protect human health and the environment.
H1	First half of the year	This is the abbreviation Intel uses to denote the first half of the calendar year. Commonly used in air emissions reports to the state.
H2	Second half of the year	This is the abbreviation Intel uses to denote the second half of the calendar year. Commonly used in air emissions reports to the state.
HAP	Hazardous Air Pollutant	Hazardous air pollutants are air pollutants that may reasonably be expected to cause or contribute to irreversible illness or death. EPA has a list of them at their website.
mph	miles per hour	Measurement of velocity.
MSDS	Material Safety Data Sheet	A Material Safety Data Sheet (MSDS) is a document that contains information on the potential health effects of exposure to chemicals, or other potentially dangerous substances, and on safe working procedures users should adhere to when handling chemical products. (http://www.translinknet.be/msds_translation_en.html)
NMED	New Mexico Environment Department	The Department's mission is to provide the highest quality of life throughout the state by promoting a safe, clean and productive environment. They perform integrated program of outreach, permitting, inspection and regulatory enforcement. (http://www.nmenv.state.nm.us/Common/mission.htm)
RTO	Recuperative Thermal Oxidizer	Thermal oxidizers are used as a method of pollution control for process air containing small particles of combustible solids or liquids.
VOC	Volatile Organic Compound	Volatile organic compounds (VOC) means any compound of carbon, excluding carbon monoxide, carbon dioxide, carbonic acid, metallic carbides or carbonates, and ammonium carbonate, which participates in atmospheric photochemical reactions. (http://www.epa.gov/ttn/naaqs/ozone/ozonetech/def_voc.htm)
Zone 2	Quadrant of the community	CEWG and Intel decided to divide the area into quadrants to provide a general location from which complaints originated. There are Zones 1 through 4.