

**Intel New Mexico
Community Environmental Working Group
July 2013 EHS Activity Report**

PLANT STATUS:

Production equipment servicing Fab 11X was operating at approximately 87% of capacity.

MONITORING UNDERWAY OR COMPLETED THIS MONTH:

- Annual VOC & HAP testing report submitted.

INSPECTIONS/MEETINGS:

- NMED Petroleum Storage Tank Bureau site visit on 6/18/13.
- ABCWUA onsite to observe site flow meter calibrations on 6/20/2013.

SITE EVENTS:

Date:	Event:	Status/Community Impact:
6/18/2013	Crane to remove equipment	Visible impact
6/21/2013	Crane to remove equipment near CUB	Visible impact
6/26/2013	Crane to repair equipment near CUB	Visible impact

INFORMATION REQUESTED BY OR PROVIDED TO REGULATORY AGENCIES:

Date	Item:	Permit or Regulatory Requirement/ Regulatory Request:
6/1/2013	ABCWUA, Monthly Ammonia Discharge Report	Permit Requirement
6/18/2013	EPA, 2012 Greenhouse Gas Report	Regulatory Requirement
6/19/2013	NMED Air Quality Bureau, VOC & HAP Emissions Test Report	Permit Requirement
6/26/2013	NMED Petroleum Storage Tank Bureau, Certification Fee	Regulatory Requirement
6/27/2013	EPA Central Data Exchange: 2012 TRI Report	Regulatory Requirement
7/1/2013	ABCWUA, Monthly Ammonia Discharge Report	Permit Requirement
7/2/2013	Emergency Response Contingency Plan Distribution, Intel Rio Rancho Emergency Response and Contingency Plan Update	Regulatory Requirement

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

Date	Time	Comment	Action Taken
6/12/2013	9:05pm	Neighbor in Zone 2 reported a chemical mixed with mildew odor. Reported that caused burning and water eyes, stuffy nose and weakness. Also reported that nearby neighbor sick with same chemicals.	All systems operating normally and no unusual conditions or activities.
6/13/2013	12:58am	Neighbor in Zone 2 reported a chemical spiked with burnt coffee odor. Reported that caused headache, burning eyes and weakness.	All systems operating normally and no unusual conditions or activities.
6/25/2013	8:15pm through 8:58pm	Neighbor in Zone 2 reported bitter chemical odor. Reported that caused headache and burning eyes. Also reported that nearby neighbor had headache, burning eyes and weakness.	All systems operating normally and no unusual conditions or activities.
6/27/2013	12:13am	Neighbor in Zone 2 reported strong acrid bitter chemical spike. Reported that it caused headache, burning and blurry eyes, runny nose, nausea and sweats. Reported that nearby neighbor had same symptoms.	All systems operating normally and no unusual conditions or activities.
6/28/2013	12:15am, 2:15am, 2:39am	Neighbor in Zone 2 initially reported acetone but then stated more like carbon tet/dry cleaning fluid. Reported at first odor was mixed with mildew and quickly changed. Reported that it caused sweat, headache, nausea, bitter taste in mouth, sneezing and irritated nose. Reported that nearby neighbor had same symptoms.	All systems operating normally and no unusual conditions or activities.
6/29/2013	~8pm, 9:55pm	Neighbor in Zone 2 reported odors via email only but didn't provide any other details.	All systems operating normally and no unusual conditions or activities.

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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
BFP	Backflow Preventer	A backflow prevention assembly is used to protect water supplies from contamination or pollution due to backflow
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)
NMDHSEM	New Mexico Department of Homeland Security Emergency Management	To protect the people of New Mexico and the nation through a comprehensive, consolidated, and coordinated program of mitigating hazards, preparing for emergencies, preventing attacks, and responding and recovering from events that occur without regard to cause.
NSPS	New Source Performance Standards	Technology-based limits on air pollutants from new and modified sources. NSPS under the CAA dictate the level of pollution that a new stationary source may produce.
OSHA	Occupational Safety & Health Administration	OSHA's mission is to assure safe and healthful working conditions for working men and women by setting and enforcing standards and by providing training, outreach, education and assistance.
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.
TRI	Toxic Release Inventory	TRI is an EPA database containing data on disposal of over 650 chemicals from thousands of U.S. facilities and information about how facilities manage those chemicals through recycling, energy recovery, and treatment. One of TRI's primary purposes is to inform communities about toxic chemical releases to the environment.
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.