

**Intel New Mexico**  
**Community Environmental Working Group**  
**September 2018 EHS Activity Report**

**PLANT STATUS:**

Production equipment servicing Fab 11X was operating at approximately 93.4% of capacity.

**INSPECTIONS/MEETINGS:**

Meeting with NMED, AQB to discuss possible permit revision on 8/15/2018

**SITE EVENTS:**

Date:	Event:	Community Impact:
8/9/2018	Crane west of CUB to move equipment.	Possible noise

**INFORMATION REQUESTED BY OR PROVIDED TO REGULATORY AGENCIES:**

Date	Item:	Permit or Regulatory Requirement/ Regulatory Request:
8/31/2018	NMED, AQB – Annual Air Emissions Testing Report	Permit Requirement
9/7/2018	ABCWUA – Monthly Ammonia Discharge Report	Permit Requirement

**CALLS (e-mails) RECEIVED: NUMBER OF NEIGHBORS CALLING IN:** Multiple

Date	Time	Comment	Action Taken
7/28/2018 through 9/12/2018	Various	Neighbors in Zones 2 and 3 reported runoff and erosion from rain events between 7/26/2018 and 8/1/2018 and the rain event on 8/25/2018.	Additional hay bales have been placed in various places along the trail after the 8/25/2018 rain event and sediment will be removed from the retention ponds to reduce the speed of water run-off and associated sediment.
8/14/2018	2:00am, 3:00am and 4:00am	Neighbor in Zone 2 reported via email a strong, highly perfumed bubble bath odor that caused runny nose, sneezing and nausea. Noted that this was not the first time it had happened in the last month.	All systems operating normally and no unusual conditions or activities.
Around 8/14/2018	Not reported	Neighbor in Zone 2 responded to 8/14/2018 neighbor's email stating that they had also smelled the bubble bath odor the other day and that one day the prior week they smelled sesame oil odor. The neighbor stated that the odors were being "disguised." Sent another email on 8/18/2018 stating that on 8/15/2018 around midnight there was an odor that resembled sesame oil or Chinese food and again stated that the odors were being "disguised."	All systems operating normally and no unusual conditions or activities.  Intel evaluated odor masking before the thermal oxidizers were installed as a way to address odor complaints in about 1994. It was not deemed appropriate at the time, and was not implemented. Instead Intel chose to use thermal oxidizer technology and chemical reduction and replacement as a more effective means.
8/22/2018	2:32am	Neighbor in Zone 2 reported chemicals mixed with burned coffee skunk odor that caused nausea, headache, burning eyes and nostrils, heavy feeling in chest, blurred vision and burning ears.	All systems operating normally and no unusual conditions or activities.

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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.
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. ( <a href="http://www.translinknet.be/msds_translation_en.html">http://www.translinknet.be/msds_translation_en.html</a> )
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. ( <a href="http://www.nmenv.state.nm.us/Common/mission.htm">http://www.nmenv.state.nm.us/Common/mission.htm</a> )
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.
PSTB	Petroleum Storage Tank Bureau	The Bureau's mission is to reduce, mitigate and eliminate the threats to the environment posed by petroleum products or hazardous material or wastes released from underground and above ground storage tanks. ( <a href="http://www.nmenv.state.nm.us/ust/ustbtop.html">http://www.nmenv.state.nm.us/ust/ustbtop.html</a> )
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. ( <a href="http://www.epa.gov/ttn/naaqs/ozon/ozonetech/def_voc.htm">http://www.epa.gov/ttn/naaqs/ozon/ozonetech/def_voc.htm</a> )
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.