

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

**PLANT STATUS:**

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

**MONITORING UNDERWAY OR COMPLETED THIS MONTH:**

- H1Q2'11 VOC and HAP testing complete and results sent to NMED.
- H2Q3'11 VOC testing started July 13, 2011.
- Ammonia Treatment System Testing scheduled to start 8/12/2011.

**INSPECTIONS/MEETINGS:**

ABCWUA Quarterly Inspection

**SITE EVENTS :**

<b>Date:</b>	<b>Time</b>	<b>Event:</b>	<b>Status/Community Impact:</b>
6/8/11-7/11/11	06:30-17:00	Crane activity to erect steel. Adding stacks to F11X Munters units.	Visual and possible noise impact
6/11/11-6/12/11	19:27-03:48	F11X Bridge DURR (VOC-16-NP2-1) Thermal Oxidizer Unit went to bypass due to flame detector fault.	8.35 hours in bypass; 13.86 lbs VOC
6/16/11	07:00-17:00	Emergency generator start up.	Visual and possible noise impact
6/17/11-6/30/11	03:00 -17:00	Herbicide application across the site	Visual and possible odor impact
6/21/11	08:00-16:00	Crane lift of Motor. Movement of large crane.	Visual impact and possible noise impact
6/27/11	7:20-14:57	Munters 3 (VOC-138-3-120) Thermal Oxidizer Unit went into planned downtime to add stack to existing unit	No unabated emissions.
6/28/11	7:14-12:56	Munters 2 (VOC-138-2-120) Thermal Oxidizer Unit went into planned downtime to add stack to existing unit	No unabated emissions.
6/30/11-7/1/11	11:25-03:34	Munters 1 (VOC-138-1-120) Thermal Oxidizer Unit went into planned downtime to add stack to existing unit	No unabated emissions.
7/11/11-7/12/11	07:00-17:00	F11NX Fire Protection Tank Fill Valve Repair and tank needed to be drained into storm water pond located north of F11NX fire pump.	Visual impact and possible noise impact
7/11/11-7/25/11	03:00 -17:00	Herbicide application across the site	Visual and possible odor impact

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

<b>Date</b>	<b>Item:</b>	<b>Permit or Regulatory Requirement/ Regulatory Request:</b>
6/12/11	NMED, F11X Bridge DURR (VOC-16-NP2-1) downtime notification	Permit requirement
6/24/11	NM Department of Homeland Security, 2010 Toxic Release Inventory submission	Regulatory Requirement
6/27/11	NMED, Munters 3 (VOC-138-3-120) downtime notification	Permit requirement
6/28/11	NMED, Munters 2 (VOC-138-2-120) downtime notification	Permit requirement
7/1/11	NMED, Munters 1 (VOC-138-1-120) downtime notification	Permit requirement
6/24/11	State of California EPA, 2010 Hazardous Waste Manifest Fee Assessment	Regulatory Requirement
6/28/11	NMED, Public Notice for Technical Permit revision	Permit requirement
6/30/11	NMED, Technical Permit Revision – Ammonia Treatment System Temperature Update	Permit requirement
7/11/11	NMED, Notification of Source Startup – F11X Munters	Permit requirement

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**CALLS (e-mails) RECEIVED: NUMBER OF NEIGHBORS CALLING IN – 2**

<b>Date</b>	<b>Time</b>	<b>Comment</b>	<b>Action Taken</b>
6/16/11	03:30	Neighbor in Zone 2 reported at 14:00 a strong skunky odor that went to a flowery odor back to a skunky odor between 03:30 and 04:00. Prevailing wind from the west at 279 degrees at 7 mph.	Command center was not notified as phone call came direct to Thom Little at 14:00. He notified engineering directly and all abatement equipment operating as per specification at the time of detection. Walked roof and physically inspected treatment systems.
7/8/11	08:08	Neighbor in Zone 2 reported at 08:08 a tar-like odor. Neighbor sent email notification.	Thom Little (Intel) drove off site to investigate. Found hot tar roofing immediately upwind of residence. Neighbor contacted and satisfied with outcome.

**Acronyms/Abbreviations**

<b>Acronym/Abbreviation</b>	<b>Full Name</b>	<b>Description</b>
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> )
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/ozone/ozonetech/def_voc.htm">http://www.epa.gov/ttn/naaqs/ozone/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.