

**Intel New Mexico
Community Environmental Working Group
November 2009 EHS Activity Report**

PLANT STATUS:

Production equipment servicing Fab 11X was operating at approximately 83% of capacity.

MONITORING UNDERWAY OR COMPLETED THIS MONTH:

- Q4 VOC testing scheduled for Nov 12th – Dec 15th.

INSPECTIONS/MEETINGS:

None

SITE EVENTS :

Date:	Event:	Status/Community Impact:
October 9 – 14	Thermal Oxidizer Downtime, Munters Unit 2	Unit burner faulted due to a faulty regulator which was replaced. All load was transferred to Unit 1. Unit down 131.52 hours
October 15	Thermal Oxidizer Downtime, Munters Unit 1	Unit down for preventative maintenance. All load was transferred to Unit 2. Unit down 9.15 hours
October 20	Power washing RR3 windows	Visual to community and site
October 20	Power washing sidewalk	Visual to site
October 21	CUB expansion Concrete Pour	Increased traffic flow.
October 24 – 25	Crack Seal and Resurface RR5	No interruption to traffic or Sidewalk impact.
October 28 – 29	Liquid Fertilization of all turf on site	Crews spraying liquid fertilizer.
October 29	F11X - Annual Foam System Flow Testing	Foam and Water Mixture pumped into tanker truck where samples will be taken.
October 29 – 30	Thermal Oxidizer Downtime, Fab 11X Fab	Unit down for preventative maintenance including replacement of bearings. Unit down 37.5 hours VOC emissions 267 lbs
October 23 – 28	Crane on site at the CUB expansion to set structural steel	Increased traffic flow.
November 2	Crane on site to set duct onto the east roof of the 11S	Increased traffic flow.
November 2	Re-commission CUB boiler #5 on Natural Gas	Steam visible during commissioning.
November 2 – 5	Crane on site at the BPS building	Increased traffic flow.
November 2 – 6	Yucca removal and boulder placement	Crews removing yucca and placing three boulders in lieu of the yucca. Using boom truck for support
November 5 – 11	Crane on site at the CUB expansion	Increased traffic flow.

INFORMATION REQUESTED BY OR PROVIDED TO REGULATORY AGENCIES:

Item:	Permit or Regulatory Requirement/ Regulatory Request:
Quarterly Air Emissions Report	Permit Requirement
Quarterly Material Safety Data Sheet Reporting	Regulatory Requirement
Dispersion modeling for 1-heptanethiol	Regulatory Request
Q3'09 VOC Emissions Test Report	Permit Requirement
Quarterly Wastewater Flow Report	Permit Requirement
Equipment Downtime Report – Munters Thermal Oxidizer, Unit #2	Permit Requirement
Equipment Downtime Report – Munters Thermal Oxidizer, Unit #1	Permit Requirement
Equipment Downtime Report – Fab 11X Fab Thermal Oxidizer	Permit Requirement

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CALLS RECEIVED: NUMBER OF NEIGHBORS CALLING IN – 7

Date	Comment	Action Taken
10/16/09	General complaint (no specific time): Neighbors in Zone 2 indicate coughing, skin on hands burning and itching, heaviness of breathing noticed also sinus and nausea problems and it's not the swine flu.	No specific action taken relative to this note. This was a general statement and we continue to investigate any issues that may contribute to offsite odor or contaminants.
10/25/09	18:53 - Neighbor in Zone 2 complaining of "Skunky odor with chemical undertones coming from Intel site".	All systems operating normally and no unusual conditions or activities.
10/25/09	19:36 - Neighbor in Zone 2 reports "acidic odors from Intel site" to command center.	All systems operating normally and no unusual conditions or activities.
10/26/09	Neighbor in Zone 2 sent log of strong odors smells - strong smell with skunky odor making it difficult to breathe. Neighbor logged 30 instances since June. Increased frequency in October.	Log is still under review.
10/27/09	02:15 - Neighbor in Zone 2 indicated there was a strong pungent chemical odor that lasted from 0215 to 0400.	Pushed engineering to dig deeper and found one unit with odor control settings low. Had all units reevaluated, confirmed all indicator lights functioning and had owner review RFC.
11/2/09	19:57 - Neighbor in Zone 2 reported "No odor, but irritation to eyes, nose and throat".	All systems operating normally and no unusual conditions or activities.
11/3/09	12:30 - Neighbor in Zone 2 reported "Acetic acid, Intel path, about middle of S parking lot, whiff on breeze, wind from SW."	All systems operating normally and no unusual conditions or activities. Called engineering and reviewed in house activities using acetic acid.
11/4/09	11:50 - Neighbor in Zone 2 noticed powdered laundry detergent smell north of Meadowlark on Rio Rancho path	All systems operating normally and no unusual conditions or activities.
11/4/09	12:30 - Neighbor in Zone 2 reported odor on Intel path, just S of the top of El Rey in Corrales; hot metal, persistent odor, not wafting through; cleared for a short time and then was evident at 12:35 p.m., top of Windover. Wind SW/circling/NE.	All systems operating normally and no unusual conditions or activities.
11/4/09	13:00- Neighbor in Zone 2 reported powdered laundry detergent odor still present on Rio R path N of Meadowlark, 1/4th up path; wind direction variable.	All systems operating normally and no unusual conditions or activities.
11/6/09	12:45 - Neighbor in Zone 2 reported strong powdered laundry detergent odor. Wind circling W and WSW;	All systems operating normally and no unusual conditions or activities.
11/9/09	Preceding weekend - Neighbor reported in Zone 2 discomfort over the weekend. Indicated she had a sore throat and difficulty breathing.	All systems operating normally and no unusual conditions or activities.
11/10/09	11:32 a.m - Neighbor reported while walking hot metal on the breeze, outside MVD building on Sabana Grande.	All systems operating normally and no unusual conditions or activities.