

Category: General Website

Why was exploreintel.com created?

Intel wanted to create a website that effectively presents information regarding the New Mexico site's environment-related activities. The purpose was simple: establish more current and trusted communications directly with our community. We want people – regardless of whether they live one or 100 miles away – to understand how the different areas of the site function and how they can better understand and monitor the environment-related activities that go on. This is not the only device the company will use to communicate, but it's a key building block for a more transparent Intel.

The web site will be used to promote a more accessible and credible way to share information about the activities of the site and the possible impact (or lack of impact) they may have on the community. The goal is to communicate key messages and statistics in a quick, reader-friendly way.

Why is exploreintel.com limited to Intel New Mexico? Are there any plans to include other Intel sites?

Intel Leadership is very excited about this “first-of-its-kind” website. As we launch this pilot site, we'll study user traffic and acceptance to determine whether we will develop similar websites for other Intel sites.

How can I suggest changes to the website?

Please submit your ideas or suggestions through the link provided ~~to our EHS contact~~. While we cannot guarantee all suggestions will be incorporated, we do welcome your feedback and continually look for ways to improve this site.

Category: Indicator Data

What are the status categories for Air Emission Controls?

All permitted scrubbers and VOC abatement units are monitored for YTD (Year To Date) Run Time hours in defined status modes. Scrubbers have 3 modes: Normal, Normal but with Odor Potential, and Not Abating. The VOC systems are monitored in 2 modes: Normal and Not Abating. All timers are trended in SQL and display hours YTD for each Mode. On January 1st of each year all timers are reset to zero.

NORMAL: All Permitted scrubbers are considered in a Normal Mode when the fan is off and dampers are closed. They are also considered in a Normal Mode when the fan is on, the recirculation flow is above a minimum value, and the pH is within the specified limits for the type of scrubber (NH₃ or standard Scrubbed Exhaust). VOC abatement systems are considered in a Normal Mode when the By-Pass Damper is closed, and all Thermal Oxidizers with open inlet/outlet dampers are above a minimum temperature.

NORMAL WITH ODOR POTENTIAL: All permitted scrubbers are considered to be in potentially producing odor mode but still operating normally when the fan is on, the recirculation flow is above a minimum value, and the pH is not within the limits for the type of exhaust abatement it is designed for. There is no Odor Potential Mode for the VOC abatement systems.

NOT ABATING MODE: All permitted scrubbers are considered in a Not Abating Mode when the fan is on, and the recirculation flow is below a minimum value.

Why do the hours shown on the Air Emission Control data table not add up to the same value for all units?

The units do not have the same number of total hours because they are occasionally “taken offline” (not used) and a redundant system is operating instead. For example the scrubber systems are comprised of multiple units and not all units are required to run continuously to abate emissions. Some systems are taken offline and when offline they do not accumulate hours. As a result some are run more than others and the hours of runtime are not consistent across the abatement equipment.

Q: Why is RRNP-VOC-138-0-120 not a source number listed in Intel’s Air Permit?

A: The Munters Equipment tag RRNP-VOC-138-0-120 represents the three redundant Munters thermal oxidizers that abate VOC (volatile organic compound) exhaust from F11NX and the F11X Bridge manufacturing areas. The permitted source numbers for these units are VOC-138-1-120, VOC-138-2-120 and VOC-138-3-120.

Q: Is there an explanation for normal runtime and not-abating runtime for RRNP-VOC-138-0-120 system representing permitted source numbers for these units are VOC-138-1-120, VOC-138-2-120 and VOC-138-3-120?

A: The normal runtime hours for the system are not equal to the recorded runtime for the individual units making up the system. For example, the system runtime for a year would be reported as 8,760 hours, rather than a total of 26,280 hours (8,760 hours for each of the 3 units that comprise the system). The not-abating runtime for the system will be any time one of the three units is below operating temperature or in bypass where emissions are not abated by a redundant unit. As a result the information provide on the website is not sufficient to calculate the percentage of an individual unit’s downtime.

What happens when I can’t see any indicator data?

The indicator data shown on exploreintel.com is updated every 15 minutes to maintain server load balance. If you cannot see indicator data, please contact Intel through the link provided. Technical data solutions support this website 8 a.m.-5 p.m. MTN M-F.

What happens when the timer data does not appear to be correct?

Please contact Intel through the Environmental.Notification@intel.com. Technical data solutions only have support 8 a .m.-5 p.m. MTN M-F. Please note:

This can be due to a number of factors, including temporary issues with how data is transmitted to / from our timers. Issues may be related to dampers, pH instrumentation, probes, water flow instruments or fan status indicators.

If multiple units are down and emissions are unabated, how can a web site user know the issue is being resolved?

A viewer can use the link provided to log a concern. The link is checked regularly and if there are unabated emissions, Intel will post an update on the website's Notifications window indicating the type of downtime (scheduled or unscheduled maintenance) and how the issue is being resolved.

Temp and flow

Why does Equipment tag name * not a match
System represents multiple units**

Hours on system do not match hours up time on piece of equipment

Where do I find the "Notifications" window?

On the home page there are 5 gray buttons to the left of the screen. Click on "Notifications" and a window will appear with the latest updates.



Why are the facilities shown on the web not exact replicas of the actual buildings?

The buildings are merely schematic and not meant to be detailed replicas. The main intent of these replicas is to show the general locations of the various emission stacks and their status.

The buildings to the north are not captured on the map but they have stacks. Why are those stacks not visible to the viewer?

The stacks north of RR5 are no longer in use. Those stacks are related to older portions of the facility that are no longer used in the manufacturing process.

What does "odor potential" mean?

The current process uses a chemical that has a low odor threshold (can be smelled at concentrations near 15 parts per trillion). Intel uses pH adjustment to keep the chemical in solution that further reduces the emission of that chemical. If a scrubber unit needs pH adjustment, it has the potential to cause odor but the scrubber itself is functioning normally. If you have a concern regarding an odor that you think comes from Intel, contact the Command Center (505-893-9905) as soon as possible so Intel can investigate the issue.

Category: Web Cam

I cannot see video when I go to the Web Video link

Answer: Please contact Intel through the link provided Environmental.Notification@intel.com and the issue will be resolved through our technical services. Technical data solutions only have support 8am-5pm MTN M-F. Note the time you had the issue and provide any other details you deem helpful. Neighbor relations manager will be notified and initiate escalation through Technical Support to troubleshoot and resolve the issue. You will be e-mailed recognizing the issue is being resolved.

When I view the webcam I see a whitish smoke coming out. What is that?

What you are seeing (see screenshot below) is steam coming from our cooling towers.



Why is there steam from Cooling Towers?

The cooling towers on site are forced draft "chimneys" that have large fans which create an updraft of air. That cools the water as it falls down the inside of the tower. Water is pumped up the inside of the tower by large pumps. The water hits baffles, (a baffles is a vane or panel that redirects water flow), which help to break up the flow and create a larger surface area of contact between the air and water for efficient cooling. The steam that is seen on cool days, especially in the winter, looks like smoke. It is in fact condensed water vapor from the water inside the tower. On hot days the water may not condense as much and is less visible.

If I see something from a stack, how can I report it?

Answer: Please contact Intel through the link provided Environmental.Notification@intel.com. The cameras reveal real-time footage but do not record or archive the video. Intel will investigate the issues viewers submit.

I would like to view more than what the camera angle currently shows. Can the camera be moved around?

Answer: Due to privacy laws the camera has a fixed position and focal length.

Why is there only 1 webcam? Are there plans to install additional webcams at Intel New Mexico?

At present, the single webcam is a pilot, and we will gauge the public's feedback. This particular location captures the greatest number of stacks on the roof. Others would be isolated on individual stacks. If there is sufficient feedback Intel can look into expanding coverage.

What if I have an immediate concern with an odor, noise or something that needs immediate attention?

Continue to use our Command Center number to provide information on things you feel need immediate attention. Call 505-893-9905 and work with our personnel on the phone so we can address the concern expeditiously. There is already an odor response protocol in place. If calls come to the command center, they can escalate those through the Neighbor Relations Manager (Thom Little).

Category: Videos

I cannot view the personnel/educational videos on line.

Please contact Intel through the link provided Environmental.Notification@intel.com and the issue will be resolved through our technical services. Technical data solutions only have support 8 a.m.-5 p.m. Mountain Time Monday through Friday. Log the time and describe to the best of your knowledge what the issue is. Neighbor relations manager performs regular daily scans of logged comments. In this case the issue is escalated through Technical Services to troubleshoot and resolve the issue. When the issue is resolved an e-mail will be sent to the person(s) who made the observation indicating the situation has been resolved.

I have a question about the video(s) shown on the site. Who can I contact with my questions?

Please contact Intel through the link provided Environmental.Notification@intel.com and your question will be directed to the appropriate person.

Environmental Data

Solar Data: How did you calculate the "metric tons saved in CO2 equivalents" and "energy saved in numbers of cars removed from the road"?

Answer: Source: <http://www.epa.gov/greenpower/pubs/calcmeth.htm>

Recycling Rate: Where did you get the NM 2009 recycling rate figure?

Answer: Source: http://www.recyclenewmexico.com/33_percent_team.htm

Water: How did you calculate the equivalent number of households?

We took the latest quarterly water consumption figure for Intel and divided by the approximate number of days in a quarter to estimate the daily water consumption for Intel. The average New Mexico household consumes about 360 gallons per day. By dividing the average daily water consumption figure by 360 gallons per day, we estimate the number of equivalent number of households. (376 MGQ (this will change every quarter) / 91.25 days per quarter = 4,120,548 MGD / 360 gpd per household = 11,446 households