Section 3

Application Summary

The **Application Summary** shall include a brief description of the facility and its process, the type of permit application, the applicable regulation (i.e. 20.2.72.200.A.X, or 20.2.73 NMAC) under which the application is being submitted, and any air quality permit numbers associated with this site. If this facility is to be collocated with another facility, provide details of the other facility including permit number(s). In case of a revision or modification to a facility, provide the lowest level regulatory citation (i.e. 20.2.72.219.B.1.d NMAC) under which the revision or modification is being requested. Also describe the proposed changes from the original permit, how the proposed modification will effect the facility's operations and emissions, de-bottlenecking impacts, and changes to the facility's major/minor status (both PSD & Title V).

Routine or predictable emissions during Startup, Shutdown, and Maintenance (SSM): Provide an overview of how SSM emissions are accounted for in this application. Refer to "Guidance for Submittal of Startup, Shutdown, Maintenance Emissions in Permit Applications (http://www.nmenv.state.nm.us/aqb/permit/app_form.html) for more detailed instructions on SSM emissions.

Intel Corporation's Rio Rancho, New Mexico facility uses silicon wafers to manufacture semi-conductor chips for use in the computer industry. The facility consists of buildings in which chips are manufactured (Fabrication Facilities or Fabs) and buildings containing the support equipment for the Fab. While manufacturing operations run 24 hours a day, 7 days a week, 365 days a year, the overall factory loading varies based on customer demand.

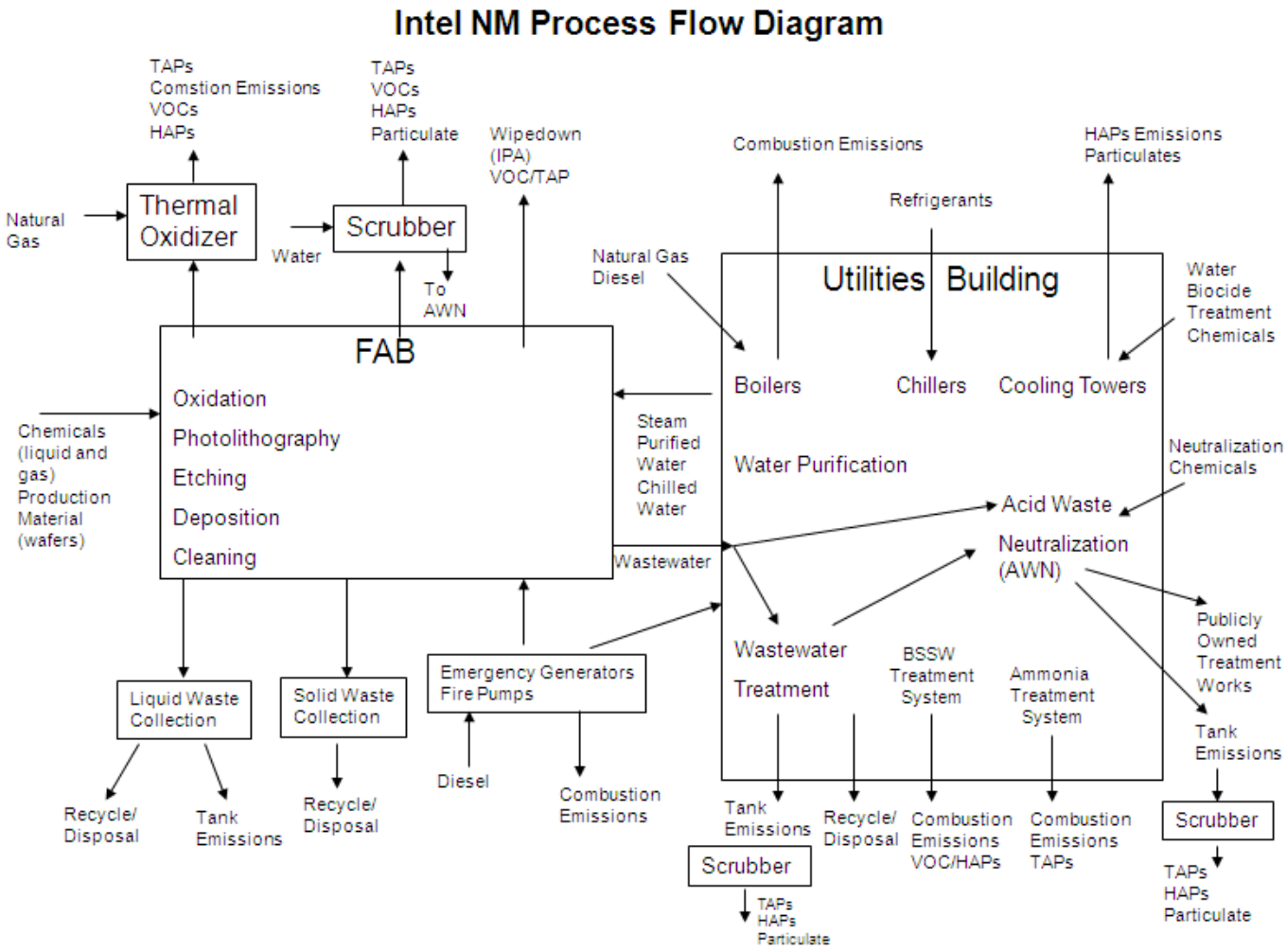
Intel is applying to the New Mexico Environment Department for a significant permit revision to its Rio Rancho semiconductor processing facility, Air Quality Permit #0325-M10 under 20.2.72.200.A. The lowest level regulatory under which the revision is being requested is 20.2.72.219.D.1.a NMAC. While Intel has not announced plans to expand its New Mexico facility, Intel would like to preposition its Rio Rancho site to gain flexibility for future growth and maintain redundant emission abatement control. As part of prepositioning, Intel will be making several changes at the plant. The proposed modification, to be referred to as Fab 11Xe, consists of the installation of seven (7) thermal oxidizers, ten (10) cooling towers, one (1) boiler, three (3) ammonia treatment systems and one (1) bulk specialty solvent waste treatment system (BSSW). Emissions from all existing permitted sources are included in the dispersion modeling report in Section 16. No change in annual allowable emission rates are proposed for this permit revision. The proposed modification will not make any changes to the facility's minor status.

Emissions during startup, shutdown, or scheduled maintenance (SSM) of the various equipment included in this permit revision do not require an increase in the Requested Allowable Emissions greater than those listed in Table 2-E. Combustion and process emissions during SSM are below applicable plant specific emission limits. A detailed explanation is provided in Section 6.

Section 4

Process Flow Sheet

A **process flow sheet** and/or block diagram indicating the individual equipment, all emission points and types of control applied to those points. The unit numbering system should be consistent throughout this application.



Section 5

Plot Plan Drawn To Scale

A **plot plan drawn to scale** showing emissions points, structures, tanks, and fences of property owned, leased, or under direct control of the applicant. The unit numbering system should be consistent throughout this application.

TABLE 5-1: Intel Emission Source Description

Stack ID	Stack Description	Source	Source Description	Building Location
1	sc-40-np2-3s	sc-40-np2-3	FAB 11XB Scrubber	Fab 11XB
4	sc-12-lt2-3s	sc-12-lt2-3	FAB 11XF Scrubber	Fab 11XF
7	sc-12-cr1-1s	sc-12-cr1-1	C4 Scrubber	C4
14	BCP Boiler 7s	BCP Boiler 7	Boiler 7 - 1250 BHP	BCP
15	BCP Boiler 8s	BCP Boiler 8	Boiler 8 - 1250 BHP	BCP
16	blr-32-gd3-6s	blr-32-gd3-6	Boiler 6 - 1250 BHP	CUB
17	blr-32-gd3-5s	blr-32-gd3-5	Boiler 5 - 1250 BHP	CUB
18	blr-32-gd3-2s	blr-32-gd3-2	Boiler 2 - 1250 BHP	CUB
19	blr-32-gd3-1s	blr-32-gd3-1	Boiler 1 - 1250 BHP	CUB
20	blr-32-gd3-3s	blr-32-gd3-3	Boiler 3 - 1250 BHP	CUB
21	blr-32-gd3-4s	blr-32-gd3-4	Boiler 4 - 1250 BHP	CUB
22	BCP Boiler 9s	BCP Boiler 9	Boiler 9 - 1250 BHP	BCP
23	BCP Boiler 10s	BCP Boiler 10	Boiler 10 - 1250 BHP	BCP
28	ecs-boi-97s	ecs-boi-97	Boiler 9.7 - 1250 BHP	NEC
29	ecs-boi-98s	ecs-boi-98	Boiler 9.8 - 1250 BHP	NEC
37	SC-12-GC1-1s	SC-12-GC1-1	CUB Scrubber	CUB
40	PUB Scrubber 1s	PUB Scrubber 1	PUB Scrubber	PUB
41	PUB Scrubber 2s	PUB Scrubber 2	PUB Scrubber	PUB
42	PUB Scrubber 3s	PUB Scrubber 3	PUB Scrubber	PUB
43	F11Xe Scrubber 1s	F11Xe Scrubber 1	FAB 11XE Scrubber	Fab 11XE
44	F11Xe Scrubber 2s	F11Xe Scrubber 2	FAB 11XE Scrubber	Fab 11XE
45	sc-40-lt2-1s/sc-40-lt2-2s	sc-40-lt2-1/sc-40-lt2-2	FAB 11XF Scrubber	Fab 11XF
46	sc-12-lt2-1s	sc-12-lt2-1	FAB 11XF Scrubber	Fab 11XF
47	f9-sc-5-1-3s	f9-sc-5-1-3	FAB 11W Scrubber	Fab 11W
52	sc-12-cr1-2s	sc-12-cr1-2	C4 Scrubber	C4
53	sc-12-lt2-2s	sc-12-lt2-2	FAB 11XF Scrubber	Fab 11XF
66	F11Xe Scrubber 3s	F11Xe Scrubber 3	FAB 11XE Scrubber	Fab 11XE
67	F11Xe Scrubber 4s	F11Xe Scrubber 4	FAB 11XE Scrubber	Fab 11XE
68	F11Xe Scrubber 5s	F11Xe Scrubber 5	FAB 11XE Scrubber	Fab 11XE
69	F11Xe Scrubber 6s	F11Xe Scrubber 6	FAB 11XE Scrubber	Fab 11XE
70	F11Xe Scrubber 7s	F11Xe Scrubber 7	FAB 11XE Scrubber	Fab 11XE
71	F11Xe Scrubber 8s	F11Xe Scrubber 8	FAB 11XE Scrubber	Fab 11XE
72	F11Xe Scrubber 9s	F11Xe Scrubber 9	FAB 11XE Scrubber	Fab 11XE
73	PUB Scrubber 4s	PUB Scrubber 4	PUB Scrubber	PUB
75	F11Xe Scrubber 10s	F11Xe Scrubber 10	FAB 11XE Scrubber	Fab 11XE
76	F11Xe Scrubber 11s	F11Xe Scrubber 11	FAB 11XE Scrubber	Fab 11XE
84	sc-12-fb1-1s	sc-12-fb1-1	FAB 11XF Scrubber	Fab 11XF
85	sc-12-fb1-2s	sc-12-fb1-2	FAB 11XF Scrubber	Fab 11XF
86	sc-12-fb1-3s	sc-12-fb1-3	FAB 11XF Scrubber	Fab 11XF
87	sc-12-fb1-4s	sc-12-fb1-4	FAB 11XF Scrubber	Fab 11XF

Stack ID	Stack Description	Source	Source Description	Building Location
88	sc-12-fb1-5s	sc-12-fb1-5	FAB 11XF Scrubber	Fab 11XF
89	sc-12-np2-4s	sc-12-np2-4	FAB 11XB Scrubber	Fab 11XB
90	RRFB1-SC142-2-00s	RRFB1-SC142-2-00	FAB 11XF Scrubber	Fab 11XF
91	RRFB1-SC142-1-00s	RRFB1-SC142-1-00	FAB 11XF Scrubber	Fab 11XF
92	RRFD1-SC142-1-00s	RRFD1-SC142-1-00	FAB 11XF Scrubber	Fab 11XF
93	sc-12-np2-3s	sc-12-np2-3	FAB 11XB Scrubber	Fab 11XB
94	sc-12-fd1-3s	sc-12-fd1-3	FAB 11XF Scrubber	Fab 11XF
95	sc-12-np2-2s	sc-12-np2-2	FAB 11XB Scrubber	Fab 11XB
96	sc-12-np2-1s	sc-12-np2-1	FAB 11XB Scrubber	Fab 11XB
97	sc-12-fd1-6s	sc-12-fd1-6	FAB 11XF Scrubber	Fab 11XF
122	122.CUB.CT.Us	122.CUB.CT.U	CUB Cooling Tower	Cooling Towers
123	123.CUB.CT.Us	123.CUB.CT.U	CUB Cooling Tower	Cooling Towers
124	124.CUB.CT.Us	124.CUB.CT.U	CUB Cooling Tower	Cooling Towers
125	125.CUB.CT.Us	125.CUB.CT.U	CUB Cooling Tower	Cooling Towers
126	126.CUB.CT.Us	126.CUB.CT.U	CUB Cooling Tower	Cooling Towers
127	127.CUB.CT.Us	127.CUB.CT.U	CUB Cooling Tower	Cooling Towers
128	128.CUB.CT.Us	128.CUB.CT.U	CUB Cooling Tower	Cooling Towers
129	129.CUB.CT.Us	129.CUB.CT.U	CUB Cooling Tower	Cooling Towers
130	130.CUB.CT.Us	130.CUB.CT.U	CUB Cooling Tower	Cooling Towers
131	131.CUB.CT.Us	131.CUB.CT.U	CUB Cooling Tower	Cooling Towers
132	132.CUB.CT.Us	132.CUB.CT.U	CUB Cooling Tower	Cooling Towers
133	133.NEC.CT.Us	133.NEC.CT.U	NEC Cooling Tower	Cooling Towers
134	134.NEC.CT.Us	134.NEC.CT.U	NEC Cooling Tower	Cooling Towers
135	135.NEC.CT.Us	135.NEC.CT.U	NEC Cooling Tower	Cooling Towers
136	136.NEC.CT.Us	136.NEC.CT.U	NEC Cooling Tower	Cooling Towers
137	137.NEC.CT.Us	137.NEC.CT.U	NEC Cooling Tower	Cooling Towers
138	138.NEC.CT.Us	138.NEC.CT.U	NEC Cooling Tower	Cooling Towers
139	139.NEC.CT.Us	139.NEC.CT.U	NEC Cooling Tower	Cooling Towers
140	140.NEC.CT.Us	140.NEC.CT.U	NEC Cooling Tower	Cooling Towers
141	141.NEC.CT.Us	141.NEC.CT.U	NEC Cooling Tower	Cooling Towers
142	142.NEC.CT.Us	142.NEC.CT.U	NEC Cooling Tower	Cooling Towers
143	143.NEC.CT.Us	143.NEC.CT.U	NEC Cooling Tower	Cooling Towers
144	144.NEC.CT.Us	144.NEC.CT.U	NEC Cooling Tower	Cooling Towers
151	SC-133-3-100s	SC-133-3-100	CUB Scrubber	CUB
152	SC-12-GC1-2s	SC-12-GC1-2	CUB Scrubber	CUB
153	SC-133-4-100s	SC-133-4-100	CUB Scrubber	CUB
159	OX293-0-70s	OX293-0-70	Ammonia Treatment	CUB
160	sc-40-np2-2s	sc-40-np2-2	FAB 11XB Scrubber	Fab 11XB
161	sc-40-np2-1s	sc-40-np2-1	FAB 11XB Scrubber	Fab 11XB
162	VOC138-1-120-2s	VOC138-1-120-2	Munter 1	Fab 11XF
163	VOC138-2-120-2s	VOC138-2-120-2	Munter 2	Fab 11XF
164	VOC138-3-120-2s	VOC138-3-120-2	Munter 3	Fab 11XF
165	F11X Munter 15s	F11X Munter 15	Munter 15	Fab 11XF
166	F11X Munter 6s	F11X Munter 6	Munter 6	Fab 11XF
167	F11X Munter 16s	F11X Munter 16	Munter 16	Fab 11XF
168	F11X Munter 8s	F11X Munter 8	Munter 8	Fab 11XF
169	F11X Munter 5s	F11X Munter 5	Munter 5	Fab 11XF
170	F11X Munter 17s	F11X Munter 17	Munter 17	Fab 11XF
171	F11X Munter 10s	F11X Munter 10	Munter 10	Fab 11XF
172	F11Xe Munter 11s	F11Xe Munter 11	Munter 11	Fab 11XE
173	F11Xe Munter 12s	F11Xe Munter 12	Munter 12	Fab 11XE

Stack ID	Stack Description	Source	Source Description	Building Location
174	F11Xe Munter 13s	F11Xe Munter 13	Munter 13	Fab 11XE
175	F11Xe Munter 14s	F11Xe Munter 14	Munter 14	Fab 11XE
176	F11Xe Munter 4s	F11Xe Munter 4	Munter 4	Fab 11XE
177	F11Xe Munter 7s	F11Xe Munter 7	Munter 7	Fab 11XE
178	F11Xe Munter 9s	F11Xe Munter 9	Munter 9	Fab 11XE
179	F11Xe BSSW 1s	F11Xe BSSW 1	Bulk Waste	Fab 11XE
180	F11Xe ATS 1s	F11Xe ATS 1	Ammonia Treatment	Fab 11XE
181	F11Xe ATS 2s	F11Xe ATS 2	Ammonia Treatment	Fab 11XE
182	F11Xe ATS 3s	F11Xe ATS 3	Ammonia Treatment	Fab 11XE
183	BCP Boiler 11s	BCP Boiler 11	Boiler 11 - 1250 BHP	BCP
184	BCP Cooling Tower 1s	BCP Cooling Tower 1	BCP Cooling Tower	Cooling Towers
185	BCP Cooling Tower 2s	BCP Cooling Tower 2	BCP Cooling Tower	Cooling Towers
186	BCP Cooling Tower 3s	BCP Cooling Tower 3	BCP Cooling Tower	Cooling Towers
187	BCP Cooling Tower 4s	BCP Cooling Tower 4	BCP Cooling Tower	Cooling Towers
188	BCP Cooling Tower 5s	BCP Cooling Tower 5	BCP Cooling Tower	Cooling Towers
189	BCP Cooling Tower 6s	BCP Cooling Tower 6	BCP Cooling Tower	Cooling Towers
190	BCP Cooling Tower 7s	BCP Cooling Tower 7	BCP Cooling Tower	Cooling Towers
191	BCP Cooling Tower 8s	BCP Cooling Tower 8	BCP Cooling Tower	Cooling Towers
192	BCP Cooling Tower 9s	BCP Cooling Tower 9	BCP Cooling Tower	Cooling Towers

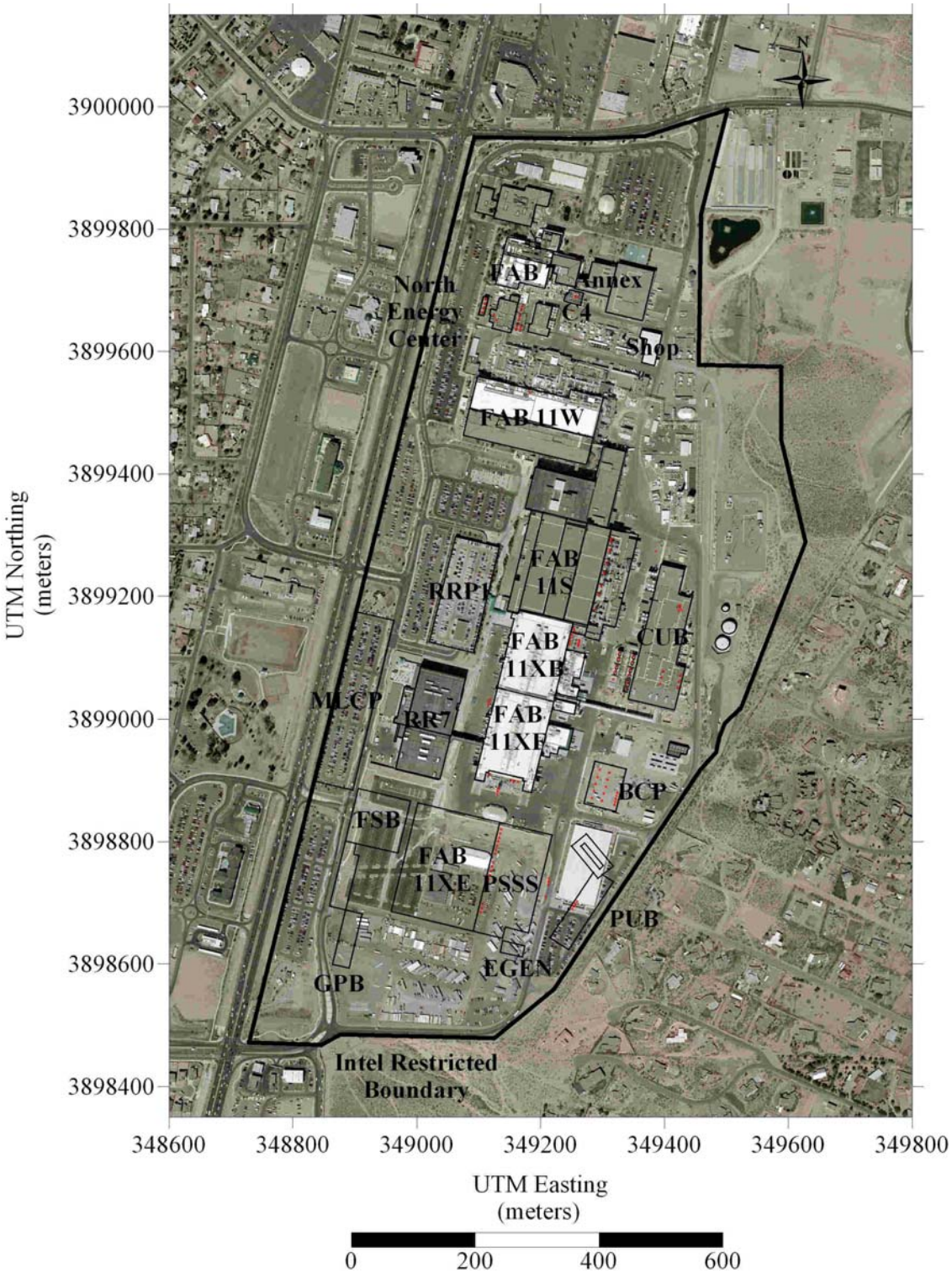


Figure 5-1: Aerial Overview of Intel's Rio Rancho Facility

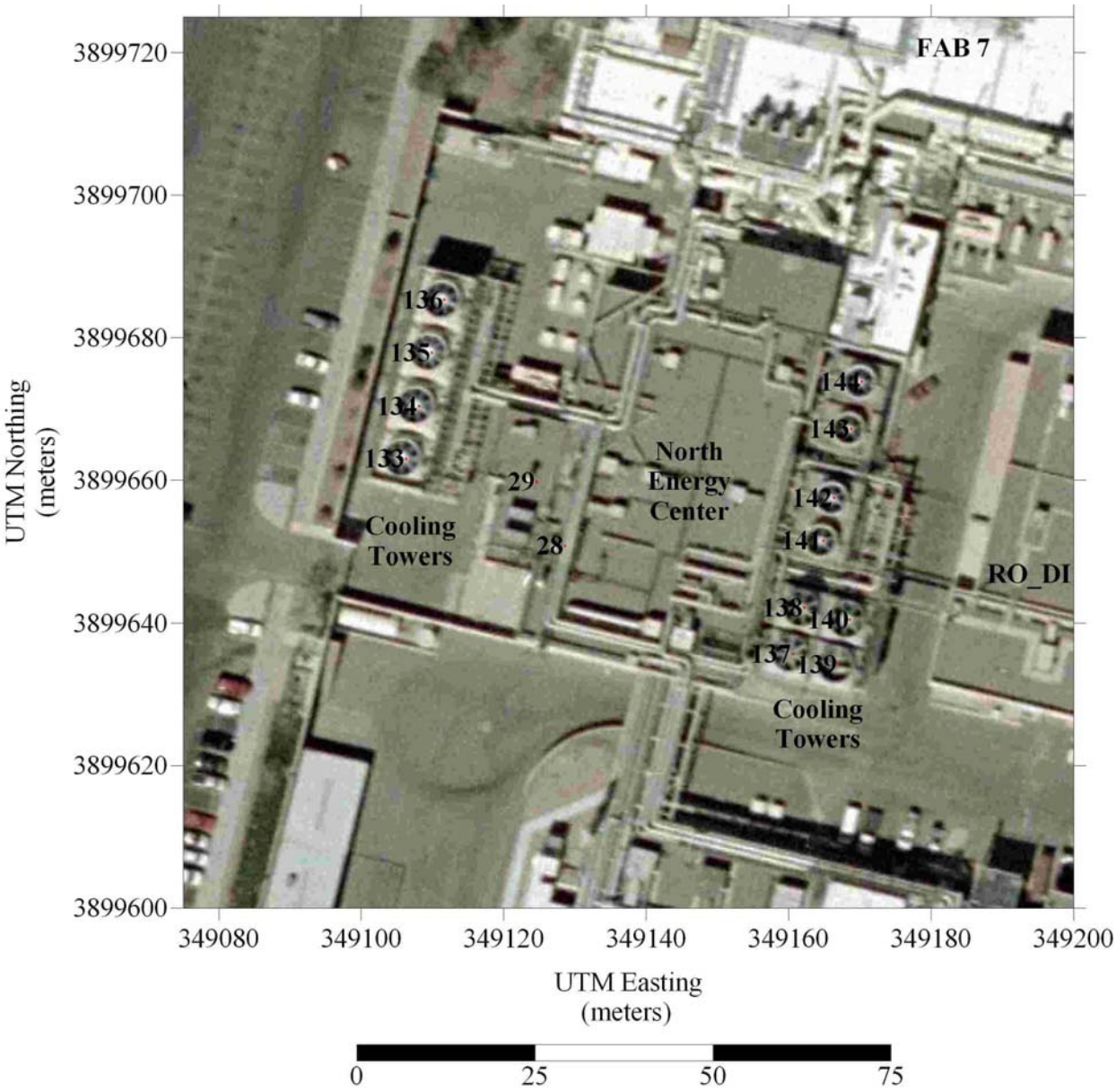


Figure 5-2: Stack Locations near North Energy Center

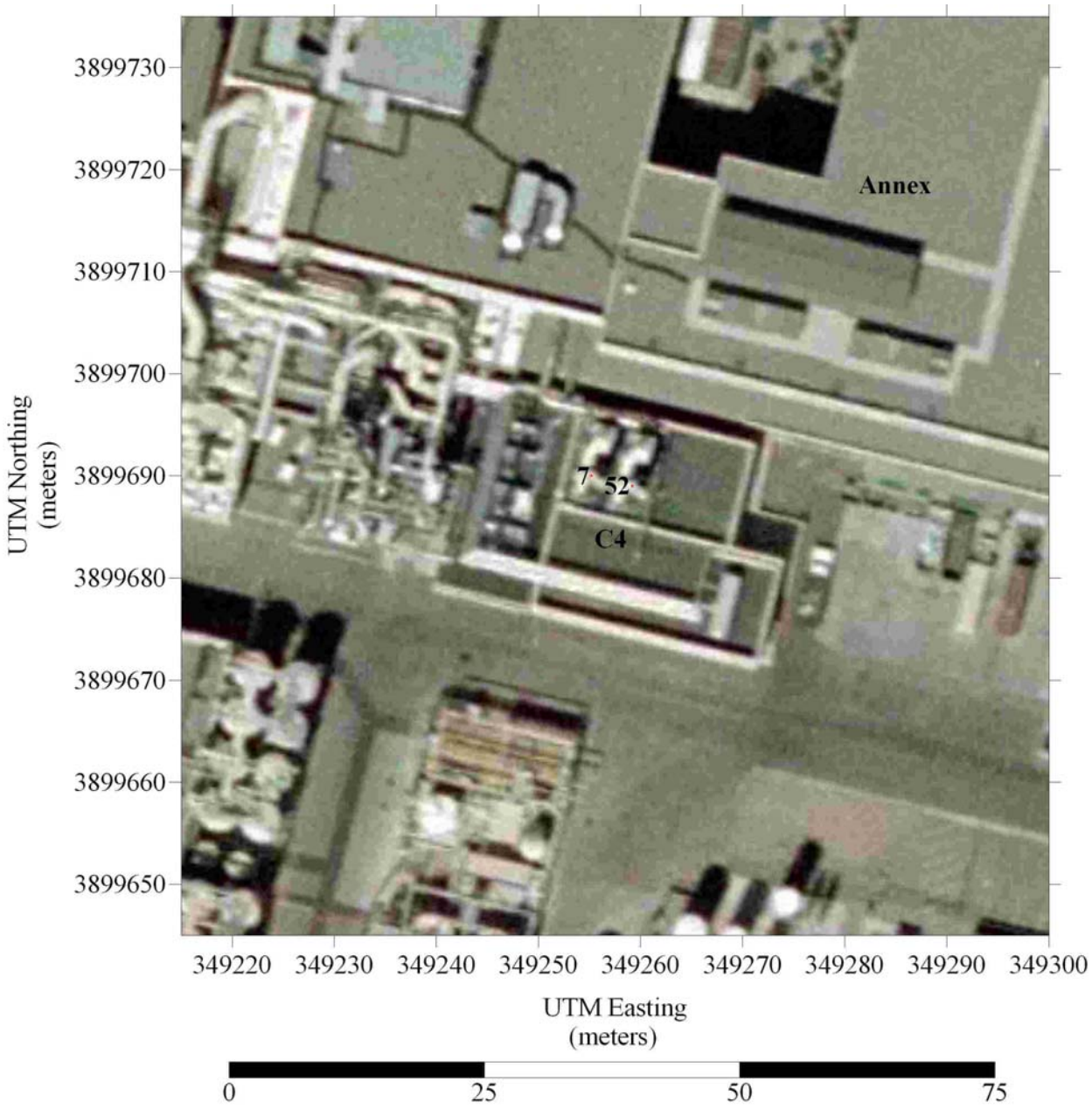


Figure 5-3: Stack Locations near Building C4

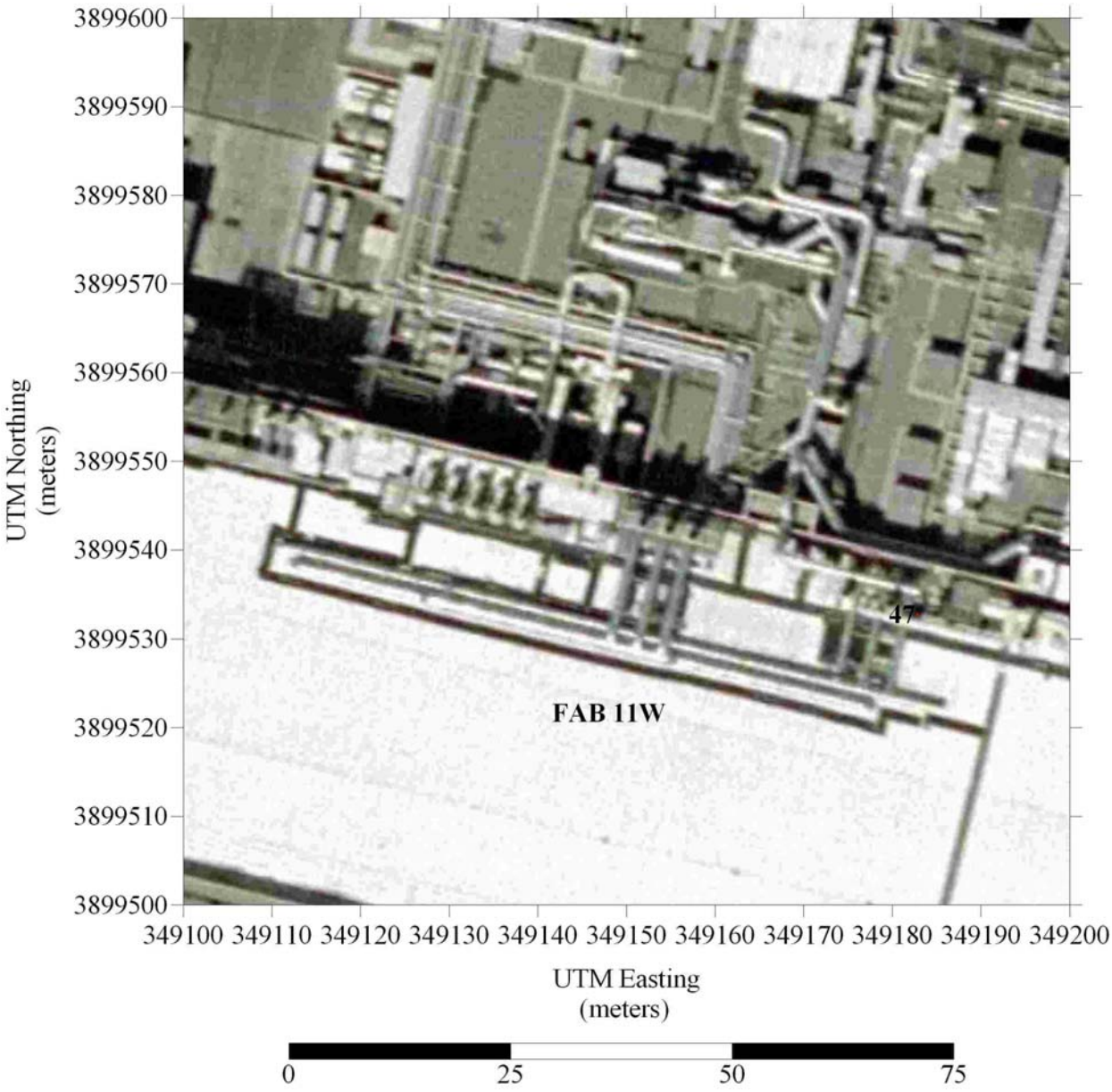


Figure 5-4: Stack Locations near West Side of FAB 11W

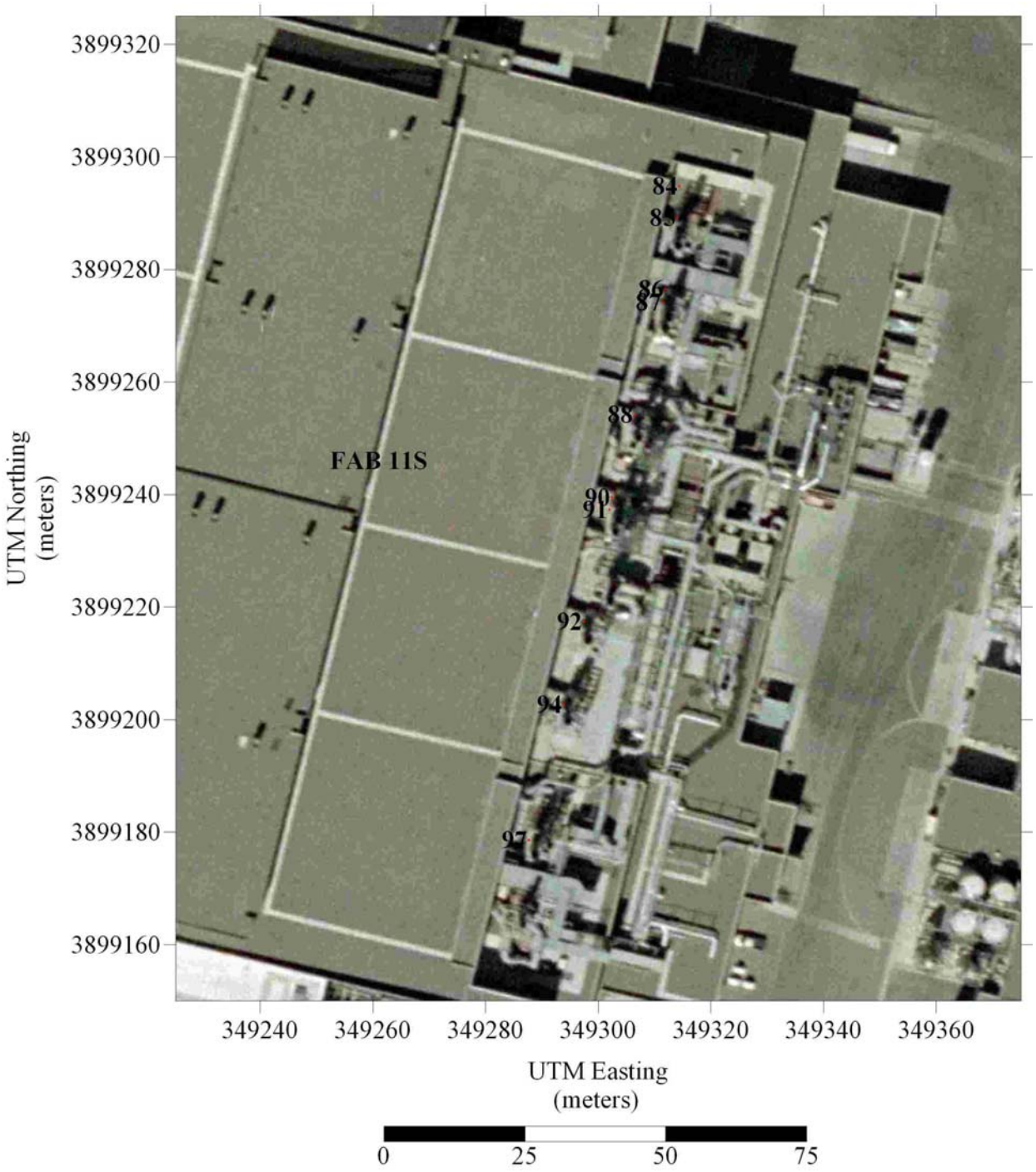


Figure 5-5: Stack Locations near FAB 11S

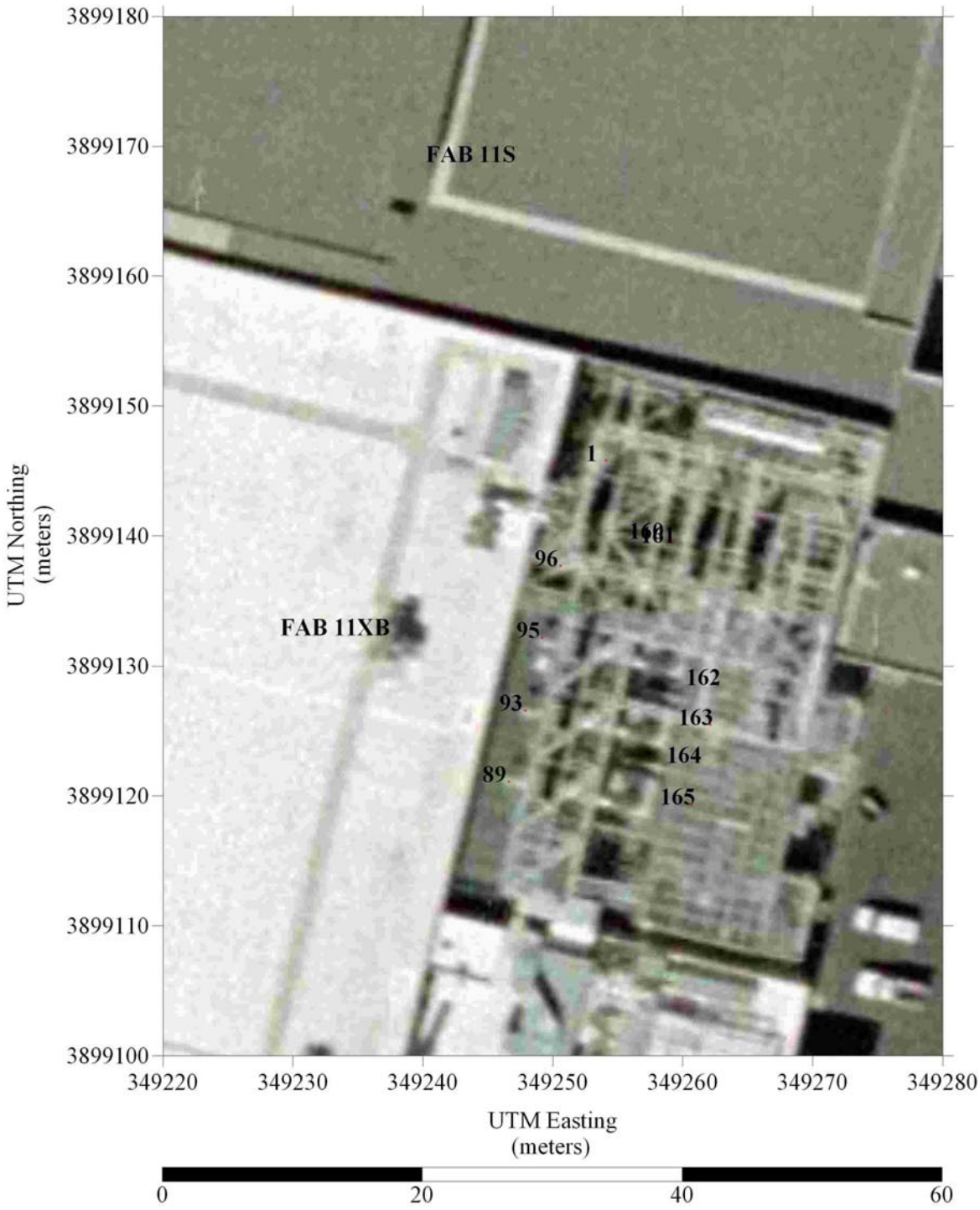


Figure 5-6: Stack Locations near East Side of FAB 11XB

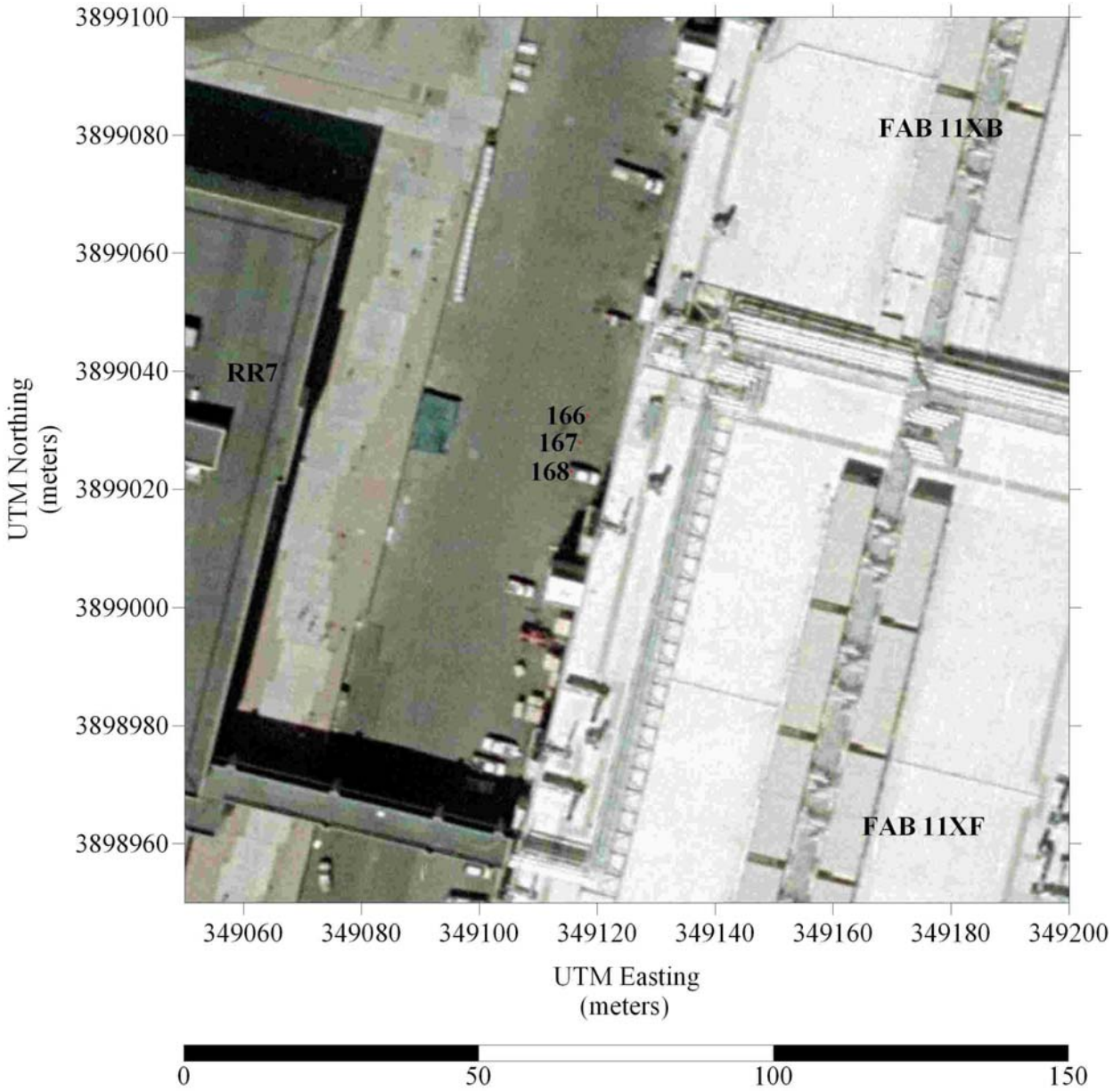


Figure 5-7: Stack Locations near West Side of FAB 11XB

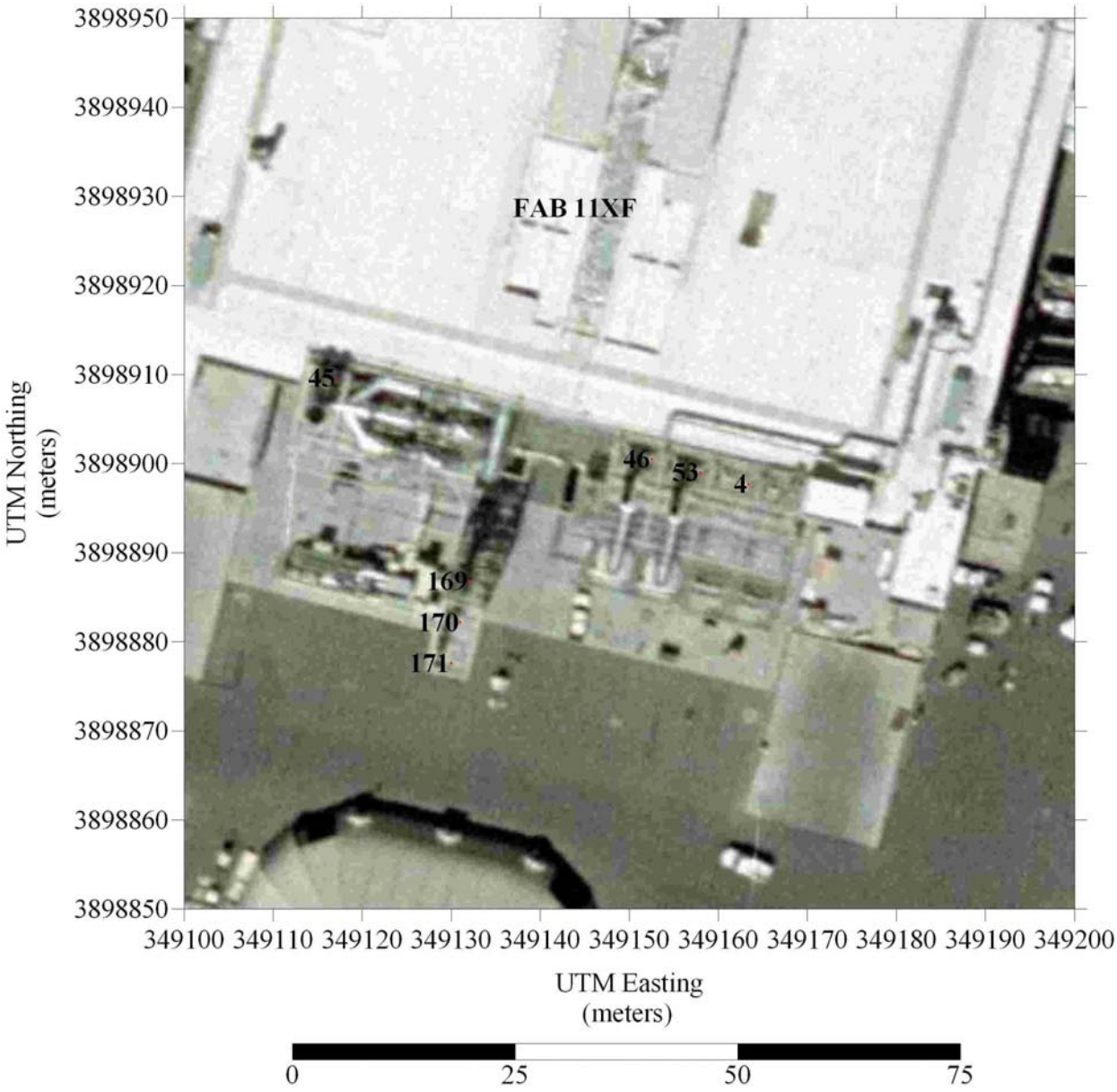


Figure 5-8: Stack Locations near South Side of FAB 11XF

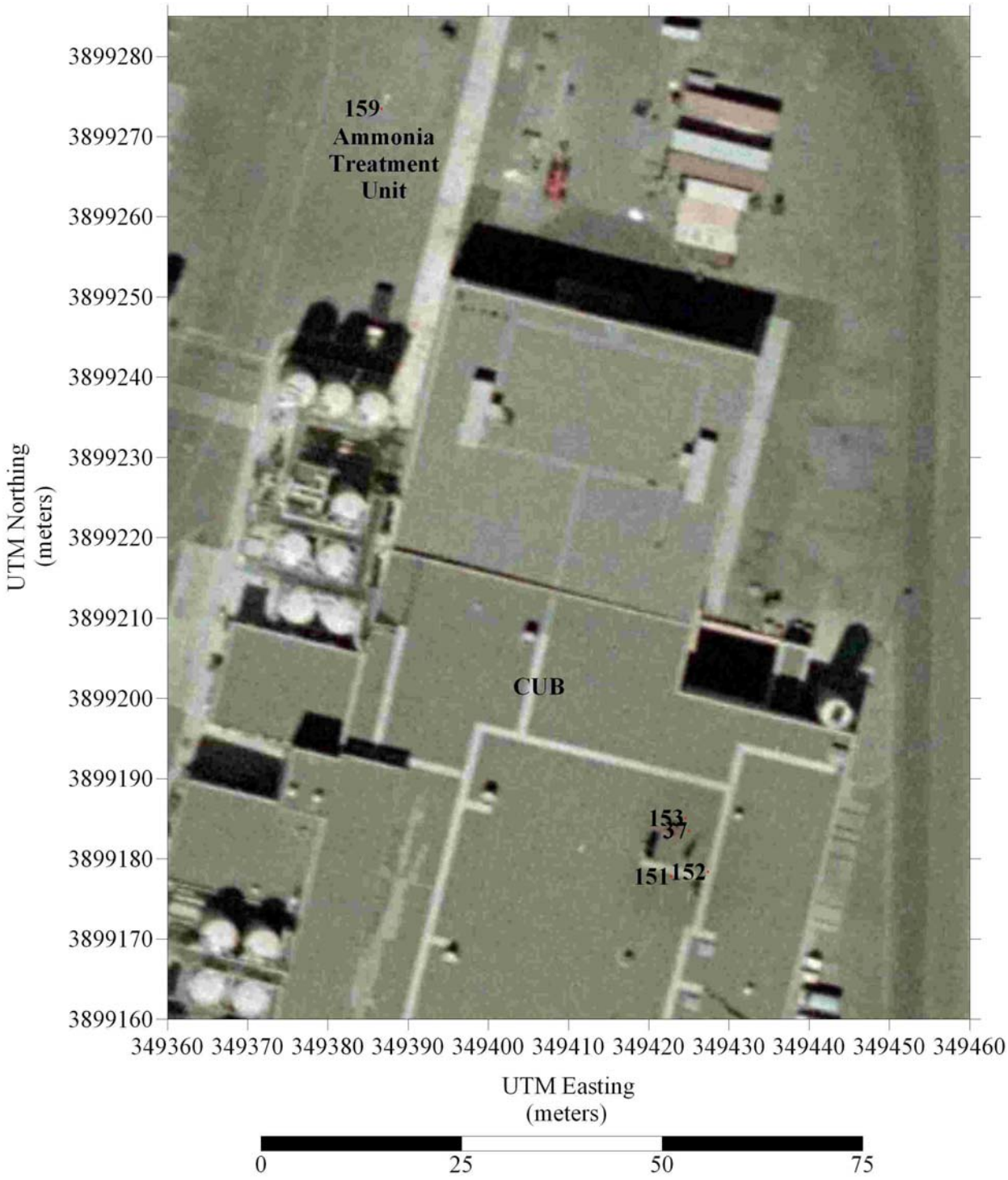


Figure 5-9: Stack Locations near North Side of CUB

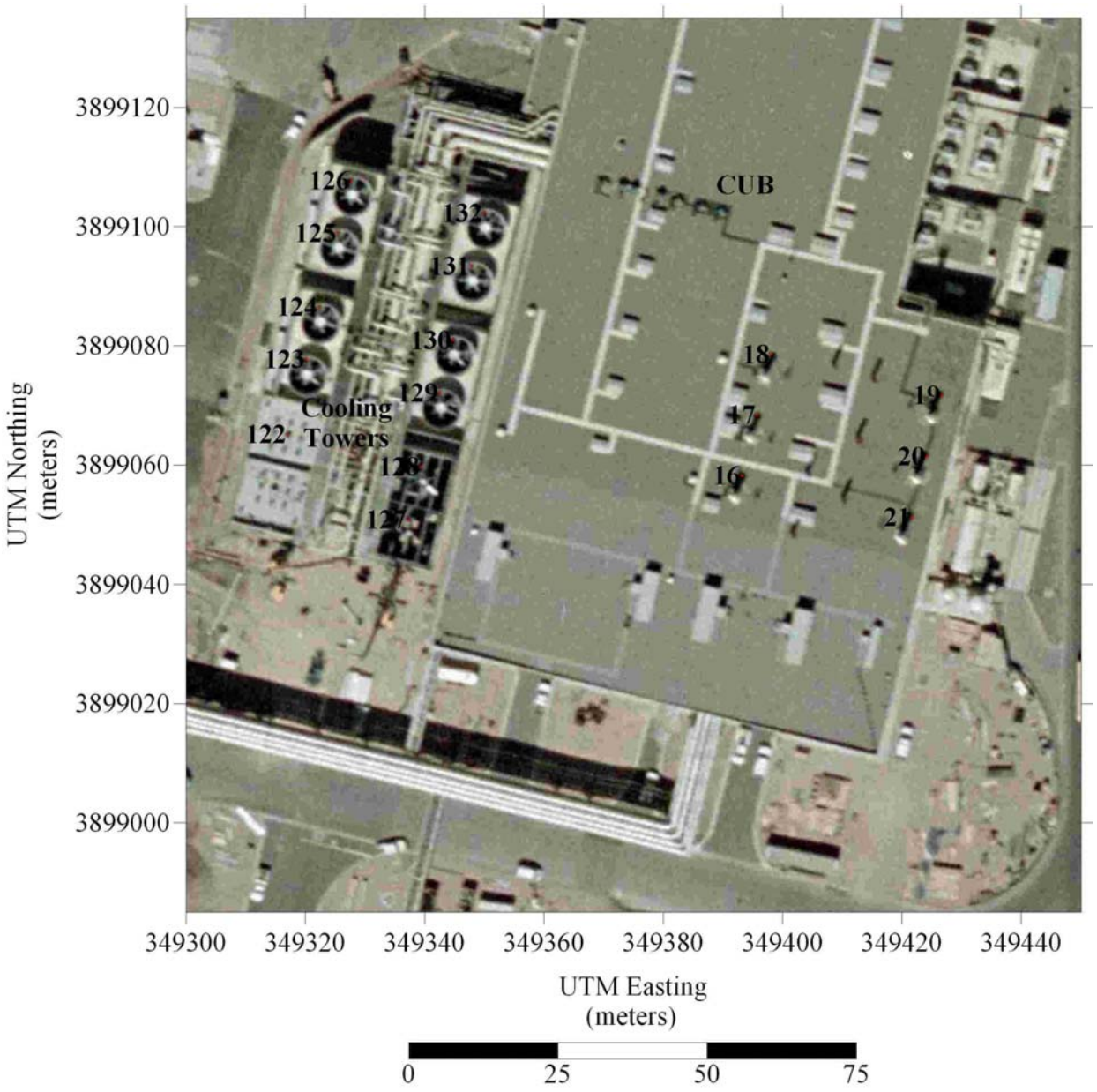


Figure 5-10: Stack Locations near South Side of CUB

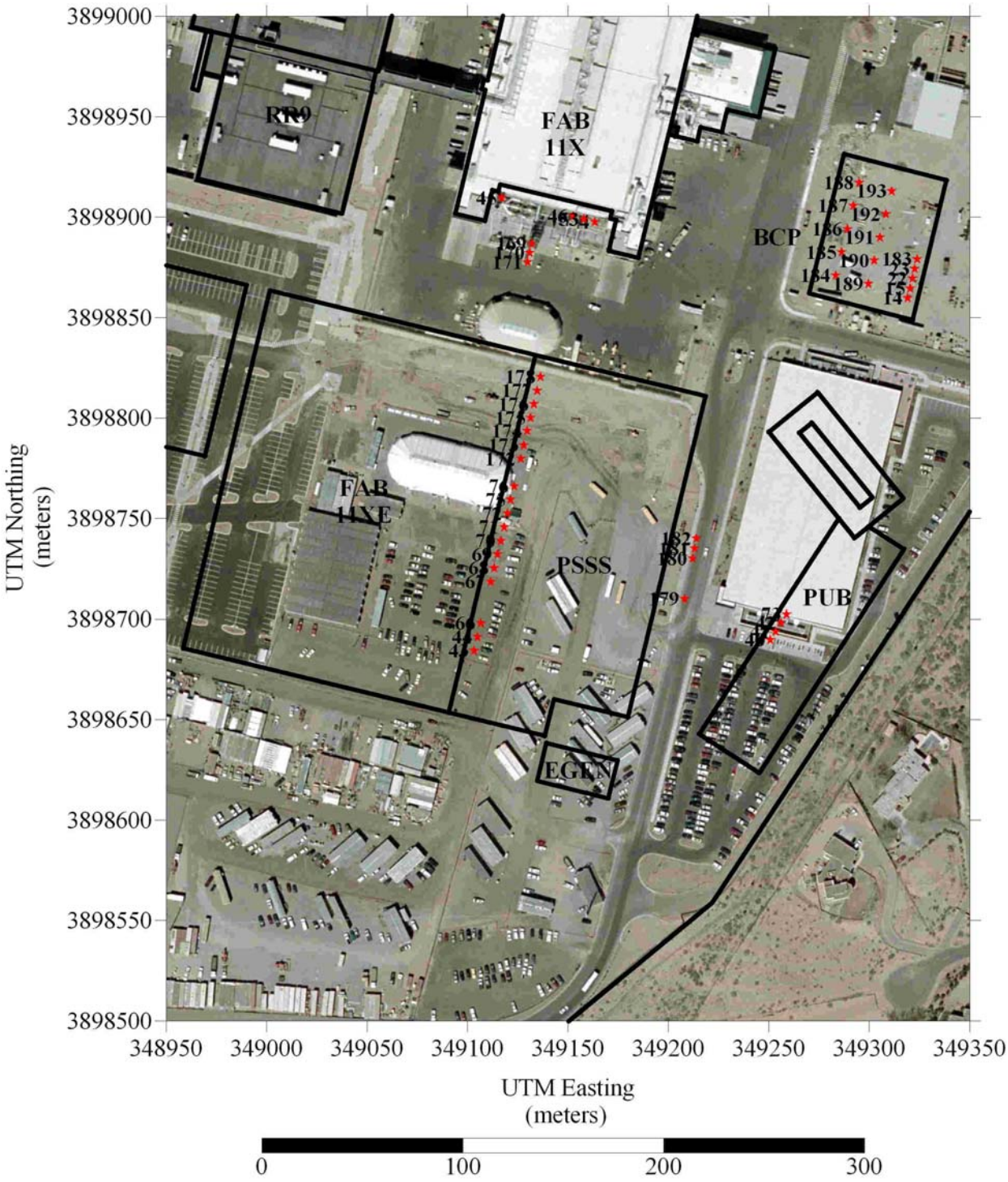


Figure 5-11: Stack Locations New FAB 11XE

Section 6

All Calculations

Show all calculations used to determine both the hourly and annual controlled and uncontrolled emission rates. All calculations shall be performed keeping a minimum of three significant figures. Document the source of each emission factor used (if an emission rate is carried forward and not revised, then a statement to that effect is required). If identical units are being permitted and will be subject to the same operating conditions, submit calculations for only one unit and a note specifying what other units to which the calculations apply. All formulas and calculations used to calculate emissions must be submitted. The "Calculations" tab in the UA2 has been provided to allow calculations to be linked to the emissions tables. Add additional "Calc" tabs as needed. If the UA2 or other spread sheets are used, all calculation spread sheet(s) shall be submitted electronically in Microsoft Excel compatible format so that formulas and input values can be checked. Format all spread sheets and calculations such that the reviewer can follow the logic and verify the input values. Define all variables. If calculation spread sheets are not used, provide the original formulas with defined variables. Additionally, provide subsequent formulas showing the input values for each variable in the formula. All calculations, including those calculations are imbedded in the Calc tab of the UA2 portion of the application, the printed Calc tab(s), should be submitted under this section.

Tank Flashing Calculations: The information provided to the AQB shall include a discussion of the method used to estimate tank-flashing emissions, relative thresholds (i.e., NOI, permit, or major source (NSPS, PSD or Title V)), accuracy of the model, the input and output from simulation models and software, all calculations, documentation of any assumptions used, descriptions of sampling methods and conditions, copies of any lab sample analysis.

SSM Calculations: It is the applicant's responsibility to provide an estimate of SSM emissions or to provide justification for not doing so. In this Section, provide emissions calculations for Startup, Shutdown, and Routine Maintenance (SSM) emissions listed in the Section 2 SSM Table and the rational for why the others are reported as zero (or left blank in the SSM Table). Refer to "Guidance for Submittal of Startup, Shutdown, Maintenance Emissions in Permit Applications (http://www.nmenv.state.nm.us/aqb/permit/app_form.html) for more detailed instructions on calculating SSM emissions. If SSM emissions are greater than those reported in the Section 2, Requested Allowables Table, modeling may be required to ensure compliance with the standards whether the application is NSR or Title V. Refer to the Modeling Section of this application for more guidance on modeling requirements.

See Attachments in Section 20 for information on each type of equipment as requested in Section 6.

Section 7

Information Used To Determine Emissions

Information Used to Determine Emissions shall include the following:

- ☐ If manufacturer data are used, include specifications for emissions units and control equipment, including control efficiencies specifications and sufficient engineering data for verification of control equipment operation, including design drawings, test reports, and design parameters that affect normal operation.
- ☐ If test data are used, include a copy of the complete test report. If the test data are for an emissions unit other than the one being permitted, the emission units must be identical. Test data may not be used if any difference in operating conditions of the unit being permitted and the unit represented in the test report significantly effect emission rates.
- ☐ If the most current copy of AP-42 is used, reference the section and date located at the bottom of the page. Include a copy of the page containing the emissions factors, and clearly mark the factors used in the calculations.
- ☐ If an older version of AP-42 is used, include a complete copy of the section.
- ☐ If an EPA document or other material is referenced, include a complete copy.
- ☐ Fuel specifications sheet.
- ☐ If computer models are used to estimate emissions, include an input summary (if available) and a detailed report, and a disk containing the input file(s) used to run the model. For tank-flashing emissions, include a discussion of the method used to estimate tank-flashing emissions, relative thresholds (i.e., permit or major source (NSPS, PSD or Title V)), accuracy of the model, the input and output from simulation models and software, all calculations, documentation of any assumptions used, descriptions of sampling methods and conditions, copies of any lab sample analysis.

See Attachments in Section 20 for information on each type of equipment as requested in Section 7.

Section 8

Map(s)

A map such as a 7.5 minute topographic quadrangle showing the exact location of the source. The map shall also include the following:

The UTM or Longitudinal coordinate system on both axes	An indicator showing which direction is north
A minimum radius around the plant of 0.8km (0.5 miles)	Access and haul roads
Topographic features of the area	Facility property boundaries
The name of the map	The area which will be restricted to public access
A graphical scale	

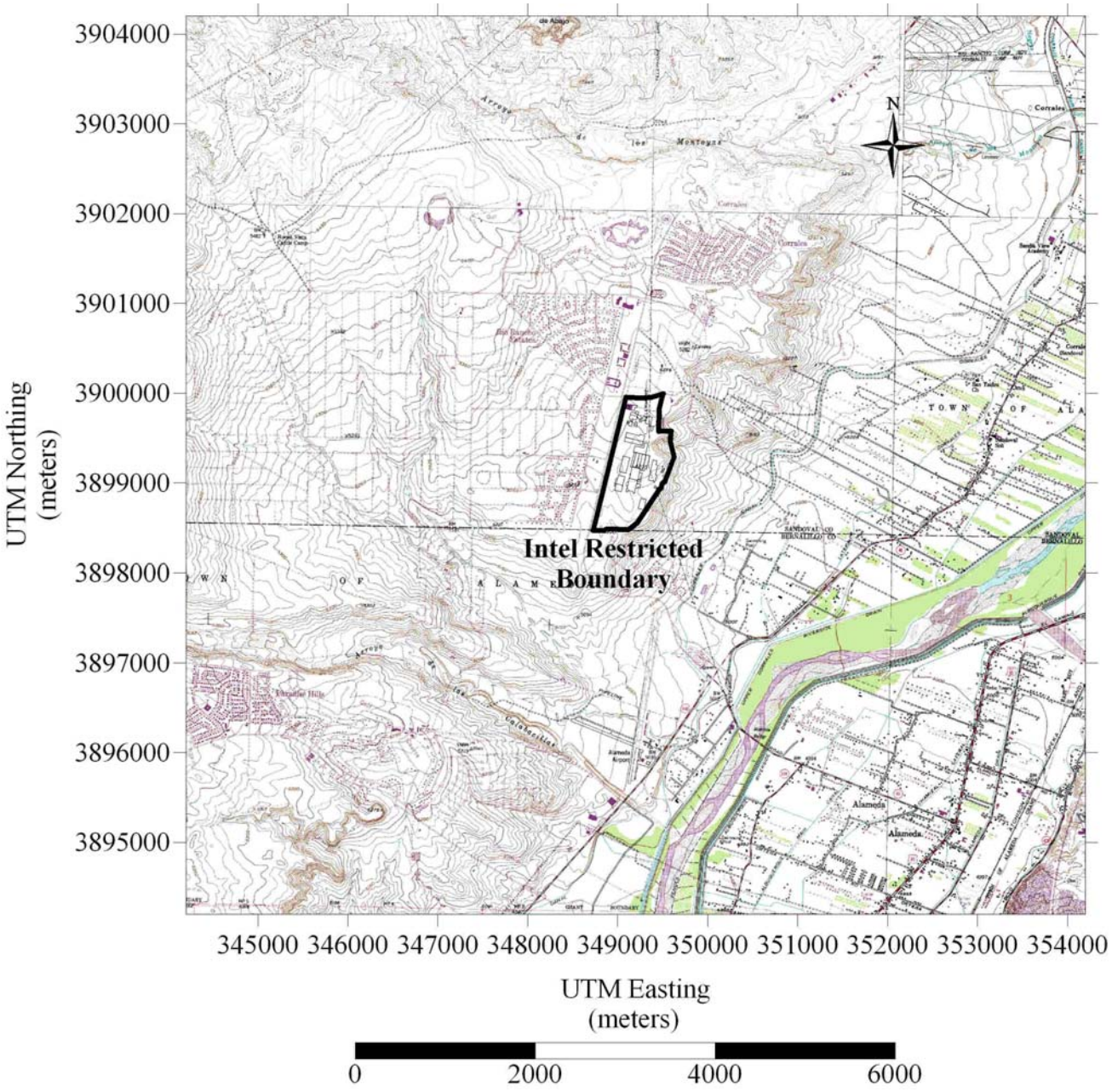


Figure 8-1: Intel Corporation – Rio Rancho Facility Topo Map
7 1/2“Topographical Maps – Los Griegos, Loma Machete, Bernalillo, Alameda

Section 9

Proof of Public Notice

(for NSR applications submitting under 20.2.72 or 20.2.74 NMAC)
(This proof is required by: 20.2.72.203.A.14 NMAC "Documentary Proof of applicant's public notice")

✔ **I have read the AQB "Guidelines for Public Notification for Air Quality Permit Applications"**
This document provides detailed instructions about public notice requirements for various permitting actions. It also provides public notice examples and certification forms. Material mistakes in the public notice will require a re-notice before issuance of the permit.

Unless otherwise allowed elsewhere in this document, the following items document proof of the applicant's Public Notification. Please include this page in your proof of public notice submittal with checkmarks indicating which documents are being submitted with the application.

New Permit and **Significant Permit Revision** public notices must include all items in this list.

Technical Revision public notices require only items 1, 5, 9, and 10.

Per the Guidelines for Public Notification document mentioned above, include:

1. ✔ A copy of the certified letter receipts with post marks (20.2.72.203.B NMAC)
2. ✔ A list of the places where the public notice has been posted in at least four publicly accessible and conspicuous places, including the proposed or existing facility entrance. (e.g: post office, library, grocery, etc.)
3. ✔ A copy of the property tax record (20.2.72.203.B NMAC).
4. ✔ A sample of the letters sent to the owners of record.
5. ✔ A sample of the letters sent to counties, municipalities, and Indian tribes.
6. ✔ A sample of the public notice posted and a verification of the local postings.
7. ✔ A table of the noticed citizens, counties, municipalities and tribes and to whom the notices were sent in each group.
8. ✔ A copy of the public service announcement (PSA) sent to a local radio station and documentary proof of submittal.
9. ✔ A copy of the classified or legal ad including the page header (date and newspaper title) or its affidavit of publication stating the ad date, and a copy of the ad. When appropriate, this ad shall be printed in both English and Spanish.
10. ✔ A copy of the display ad including the page header (date and newspaper title) or its affidavit of publication stating the ad date, and a copy of the ad. When appropriate, this ad shall be printed in both English and Spanish.
11. ✔ A map with a graphic scale showing the facility boundary and the surrounding area in which owners of record were notified by mail. This is necessary for verification that the correct facility boundary was used in determining distance for notifying land owners of record.

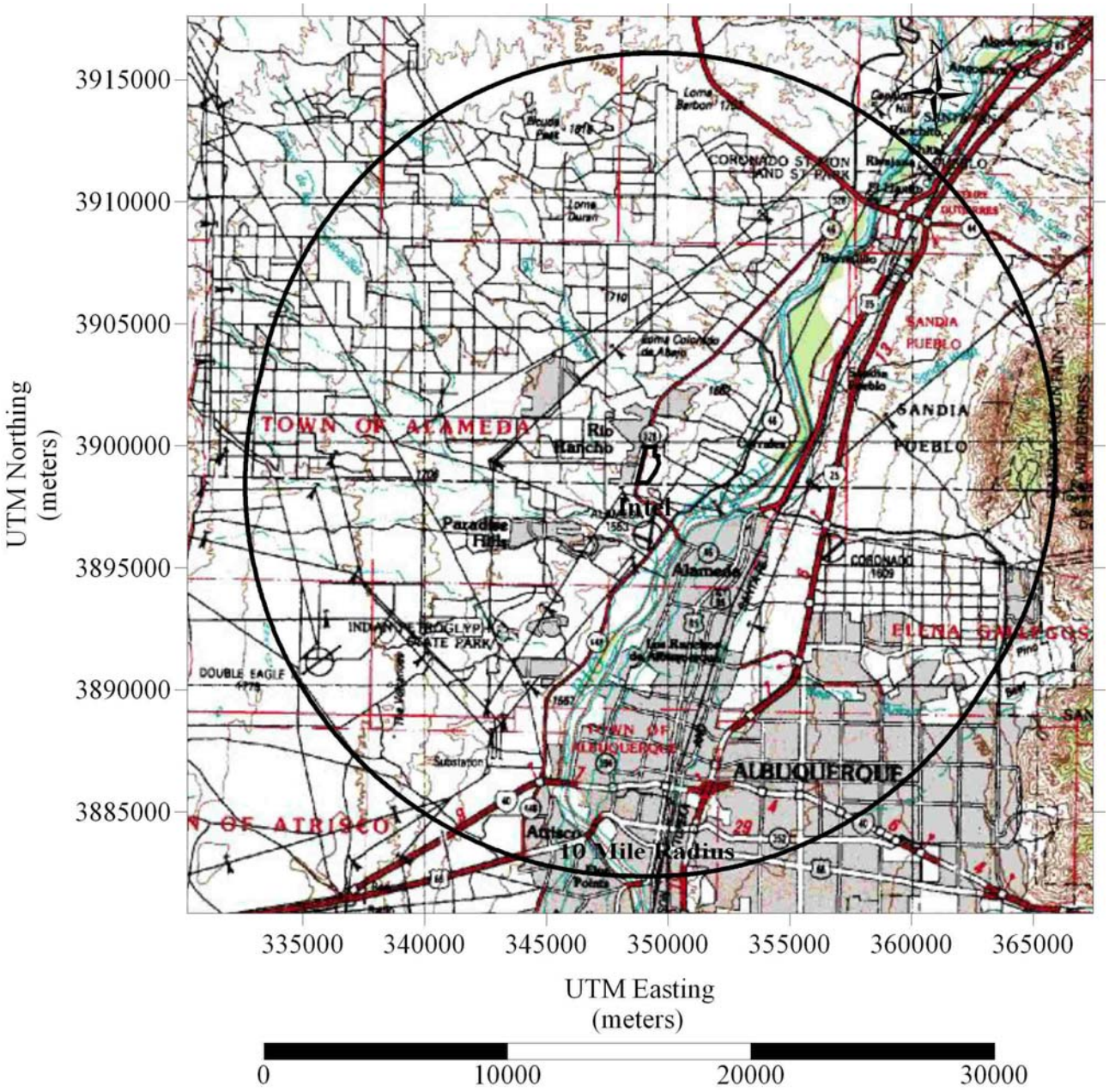


Figure 9-1: Ten Mile Radius Map around Intel – Rio Rancho Facility

List of Municipalities, Counties, and Indian Tribes within 10 Miles

City of Environmental Health Division
City of Albuquerque
PO Box 1293
Albuquerque, NM 87103

Town Clerk
Town of Bernalillo
P.O. Box 638
Bernalillo, NM 87004

City Clerk
City of Rio Rancho
3200 Civic Center Circle NE
Rio Rancho, NM 87144

Office of Clerk
Village of Corrales
4324 Corrales Road
Corrales, NM 87048

County Clerk
Bernalillo County
One Civic Plaza, NW
Albuquerque, NM 87102

County Clerk
Sandoval County
711 Camino del Pueblo
Bernalillo, NM 87004

Governor's Office
Santa Ana Pueblo
2 Dove Road
Bernalillo, NM 87004

Governor's Office
Sandia Pueblo
P.O. Box 6008
Bernalillo, NM 87004

List of Landowners within 100 feet of Intel – Rio Rancho Facility

Owner	Mail Address	City	State	Zip Code
ALLEN, ANTHONY & LYDIA	50 CIRCLE DR	ALBUQUERQUE	NM	87122
ASTAR CHA NM1 LLC % EPROPERTY TAX	PO BOX 4900 DEPT 114	SCOTTSDALE	AZ	85261
B P O E #2500	PO BOX 15052	RIO RANCHO	NM	87174-0052
BRUCE, ROBERT W & TEDDIE C	3 HOP TREE TRL	CORRALES	NM	87048
CHAVEZ, DENNIS R & MARY ANN K	1310 CANYON TRAIL SW	ALBUQUERQUE	NM	87121
CITY OF RIO RANCHO & WATER & WASTE WATER SERVICES	3200 CIVIC CENTER CIR NE	RIO RANCHO	NM	87144-4501
DAVIDSON, DOUGLAS E & SUSAN J	PO BOX 2371	CORRALES	NM	87048
DIAMOND, ADAM AND CONRAN, CATHERINE	576 RUFFLES LN	CORRALES	NM	87048-9439
DZEK, DMYTRO & HELGA	605 EASTLAKE DR	RIO RANCHO	NM	87124
GUZZO, JOSEPH C & HELENA U	111 HOP TREE TR.	CORRALES	NM	87048
HILLTOP PARTNERSHIP & PETERSON PROPERTIES	2325 SAN PEDRO NE	ALBUQUERQUE	NM	87110
INTEL LEASING CORPORATION SC4-206	2200 MISSION COLLEGE BL SC4-206	SANTA CLARA	CA	95054-8119
KELLER REVOCABLE LIVING TRUST	202 PALACIO ROAD	CORRALES	NM	87048-9649
LINVER, BETTY J & JOESPH	10500 ACADEMY RD APT 304	ALBUQUERQUE	NM	87111
LUBRICAR PROPERTIES	3520 CALLE CUERVO NW	ALBUQUERQUE	NM	87114
MARKHAM, DANIEL & LESLIE	4 ACOMA TRL	CORRALES	NM	87048
MC LOUGHLIN, LUCILLE C	168 PALACIO RD	CORRALES	NM	87048
MONTANO, NORMAN B. & JOSEPHINE A.	436 MONTANO LANE	CORRALES	NM	87048
MOORE, RICHARD W & KEIRA L	537 EL REY DRIVE	CORRALES	NM	87048
NICKELSON, ALLEN & KAREN	238 PALACIO RD	CORRALES	NM	87048
Q M D CORP C/O RICHARD DOBBS	3106 MONTE VISTA NE	ALBUQUERQUE	NM	87106
RIO RANCHO OF NM LIMITED	777 ARTUR GODFREY RD STE 400	MIAMI BEACH	FL	33140-3441
ROBERTSON, JOANN	601 CIELO AZUL RD	CORRALES	NM	87048-7507
RUDY, ROSEMARIE M	600 CIELO AZUL ROAD	CORRALES	NM	87048-9627
SAENZ, FRANSICO J JR	P.O. BOX 44041	RIO RANCHO	NM	87174
SANDOVAL COUNTY	PO BOX 40	BERNALILLO	NM	87004-0040
SLAGLE, JOE & KIMBERLY	151 HOP TREE TRL	CORRALES	NM	87048
SOUTHERN SANDOVAL CNTY ARROYO FLD CNTRL AUTH & ARROYO FLOOD CONTROL AUTHORITY	1041 COMMERCIAL DR SE	RIO RANCHO	NM	87124-3511
VISTA VERDE MEMORIAL PARK LLC	3777 THE AMERICAN RD NW STE 100	ALBUQUERQUE	NM	87114-1338
WARD, JAN & STOKES, JAN	1537 W. MEADOWLARK LN	CORRALES	NM	87048
WIECHERT, KENT E AND ANITA K	PO BOX 2231	CORRALES	NM	87048-2231
ZIMMERLY, PATRICIA TRUST	200 PALACIO ROAD	CORRALES	NM	87048-9649

Example Letters

January 20, 2011

Certified Mail No. 7010 1670 0000 6830 3439
Return Receipt Requested

City Clerk
City of Rio Rancho
3200 Civic Center Circle NE
Rio Rancho, NM 87144

Re: Intel Significant Permit Revision

To Whom it May Concern,

Intel Corporation announces its intent to apply to the New Mexico Environment Department for a revision to the air quality permit for its Rio Rancho semiconductor processing facility, Air Quality Permit #0325-M10. The expected date of application submittal to the Air Quality Bureau is January 31, 2011. This notice is a requirement of the New Mexico air quality regulations.

The Intel Rio Rancho facility is located at 4100 Sara Road, Rio Rancho, NM 87124 at the southeast corner of the intersection of Sara Road SE and Rio Rancho Blvd, Rio Rancho, NM in Sandoval County.

While Intel has not announced plans to expand its New Mexico facility, Intel would like to preposition its Rio Rancho site to gain flexibility for future growthand maintain redundant emission abatement control. As part of prepositioning, Intel will be making several changes at the plant. The proposed modification to be referred to as Fab 11Xe, consists of the installation of seven (7) thermal oxidizers, ten (10) cooling towers, one (1) boiler, three (3) ammonia treatment systems and one (1) bulk specialty solvent waste treatment system In addition, Intel is submitting ambient air quality modeling to demonstrate that emissions from the site after the modification will not cause or contribute to an exceedance of ambient air quality standards. No change in annual allowable emission rates are proposed for this permit revision.

The estimated maximum quantities of any regulated air contaminantsafter the modification will be:

Plant Site Emissions – 12 month rolling total tons per year				
NOx	CO	VOC	Total Suspended Particulates (TSP)	HAPs
95.7	94.7	96.5	14.2(RTO's only)	24 (total HAPs)

The standard operating schedule of the plant is 24 hours per day, 7 days per week, and 52 weeks per year. The maximum operating schedule is 24 hours per day, 7 days per week, and 52 weeks per year.

The owner and/or operator of the Facility is:

Intel Corporation
Mail Stop RR5-491
4100 Sara Rd.
Rio Rancho, NM 87124-1025

EHS005

If you have any questions or comments about construction or operation of above facility, and want your comments to be made part of the permit review process, you must submit your comments in writing to the:

Program Manager, Permit Section
New Mexico Environment Department
Air Quality Bureau
1301 Siler Road, Building B
Santa Fe, New Mexico 87507-3113
Phone: (505) 476-4300

Other comments and questions may be submitted verbally.

Please refer to the company name and site name, as used in this notice or send a copy of this notice along with your comments, since the Department may not have received the permit application at the time of this notice. Once the Department has performed a preliminary review of the application and its air quality impacts,the Department's notice will be published in the legal section of a newspaper circulated near the facility location.

Sincerely,

Frank Gallegos
NM Site Environmental, Health and Safety Manager

January 20, 2011

Certified Mail No. 7008 1830 0002 5626 9634
Return Receipt Requested

ALLEN, ANTHONY & LYDIA
50 CIRCLE DR
ALBUQUERQUE, NM, 87122

Re: Intel Significant Permit Revision

To Whom It May Concern,

Intel Corporation announces its intent to apply to the New Mexico Environment Department for a revision to the air quality permit for its Rio Rancho semiconductor processing facility, Air Quality Permit #0325-M10. The expected date of application submittal to the Air Quality Bureau is January 31, 2011. This notice is a requirement of the New Mexico air quality regulations.

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Intel Corporation
Mail Stop RR5-491
4100 Sara Rd.
Rio Rancho, NM 87124-1025

EHS005

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Program Manager, Permit Section
New Mexico Environment Department
Air Quality Bureau
1301 Siler Road, Building B
Santa Fe, New Mexico 87507-3113
Phone: (505) 476-4300

Other comments and questions may be submitted verbally.

Please refer to the company name and site name, as used in this notice or send a copy of this notice along with your comments, since the Department may not have received the permit application at the time of this notice. Once the Department has performed a preliminary review of the application and its air quality impacts,the Department's notice will be published in the legal section of a newspaper circulated near the facility location.

Sincerely,

Frank Gallegos
NM Site Environmental, Health and Safety Manager

General Posting of Notices – Certification

I, Sarah T. Chavez, the undersigned, certify that on January 24, 2011, I posted a true and correct copy of the attached Public Notice in the following publicly accessible and conspicuous places in the City of Rio Rancho and the Village of Corrales of Sandoval County, State of New Mexico on the following dates:

1. Facility entrance January 24, 2011
2. Rio Rancho Senior Center, January 24, 2011
3. Rio Rancho Public Library, January 24, 2011
4. Corrales Senior Center, January 24, 2011
5. Corrales Village Offices, January 24, 2011
6. Flying Star Restaurant (corner of Coors & Alameda), January 24, 2011
7. Corrales Public Library, January 24, 2011

Signed this 24 day of January, 2011,

Sarah T Chavez

Signature

January 24, 2011

Date

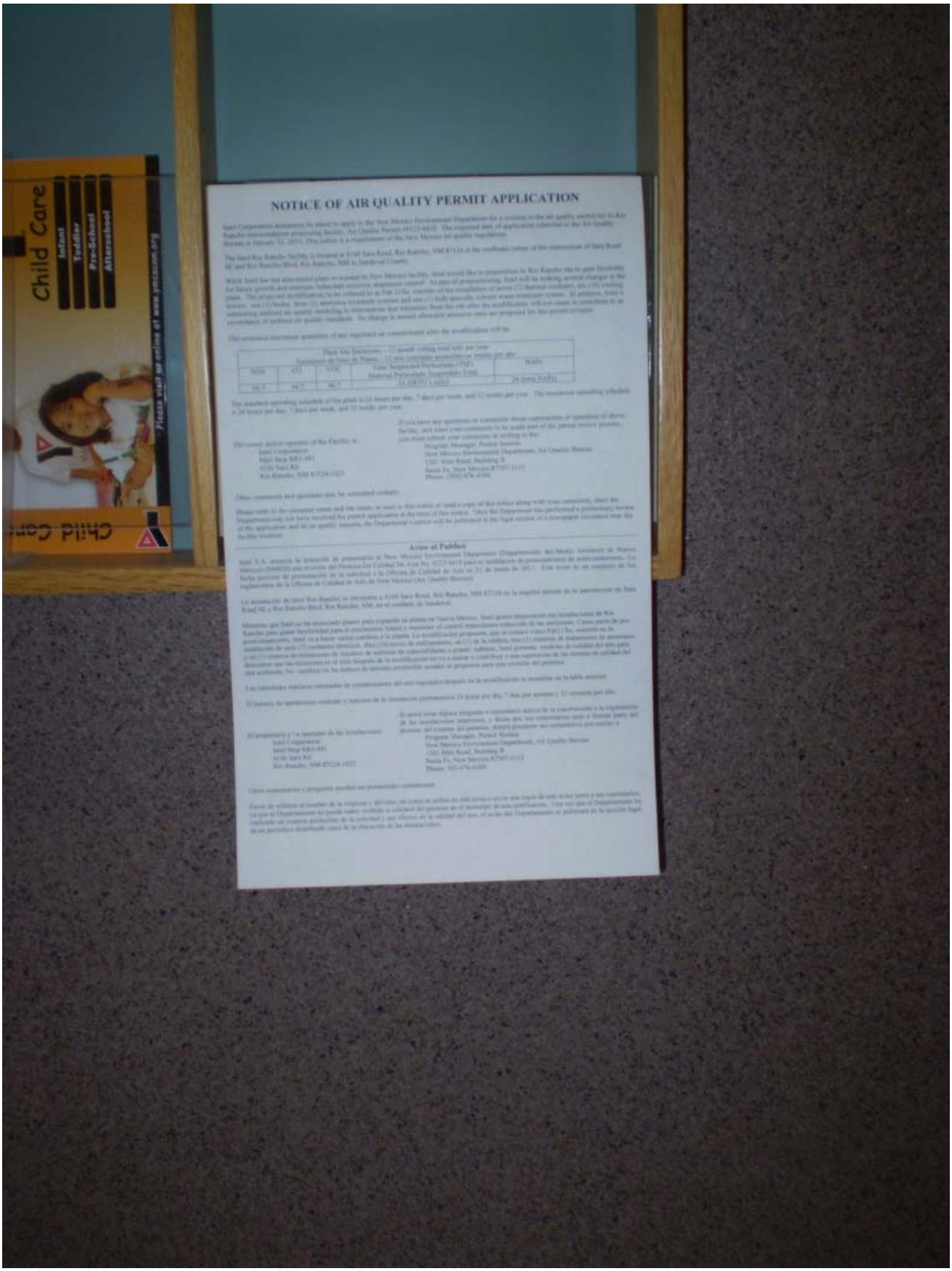
Sarah T. Chavez

Printed Name

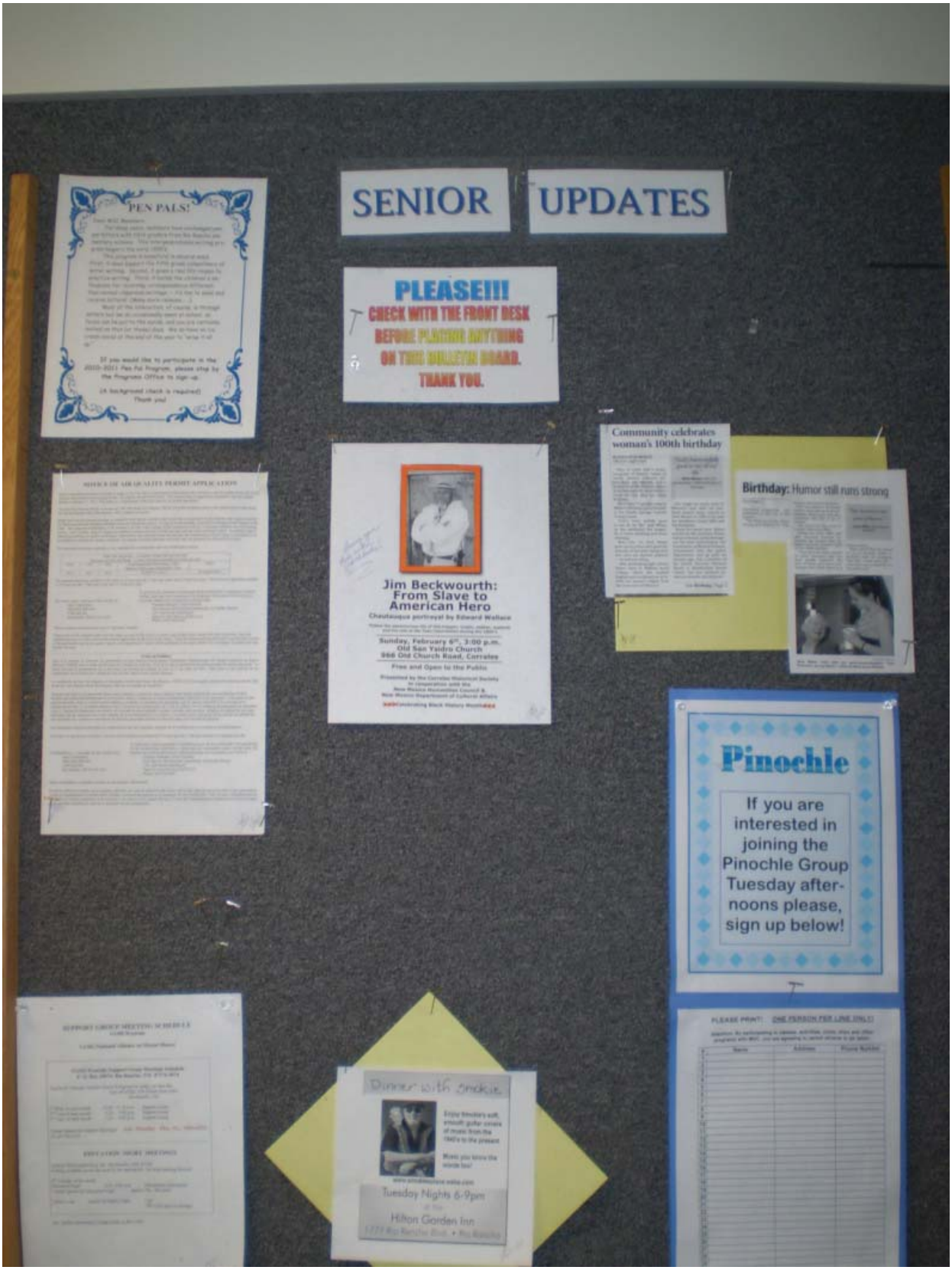
Environmental Engineer, Intel

Title

1) Facility entrance, January 24, 2011

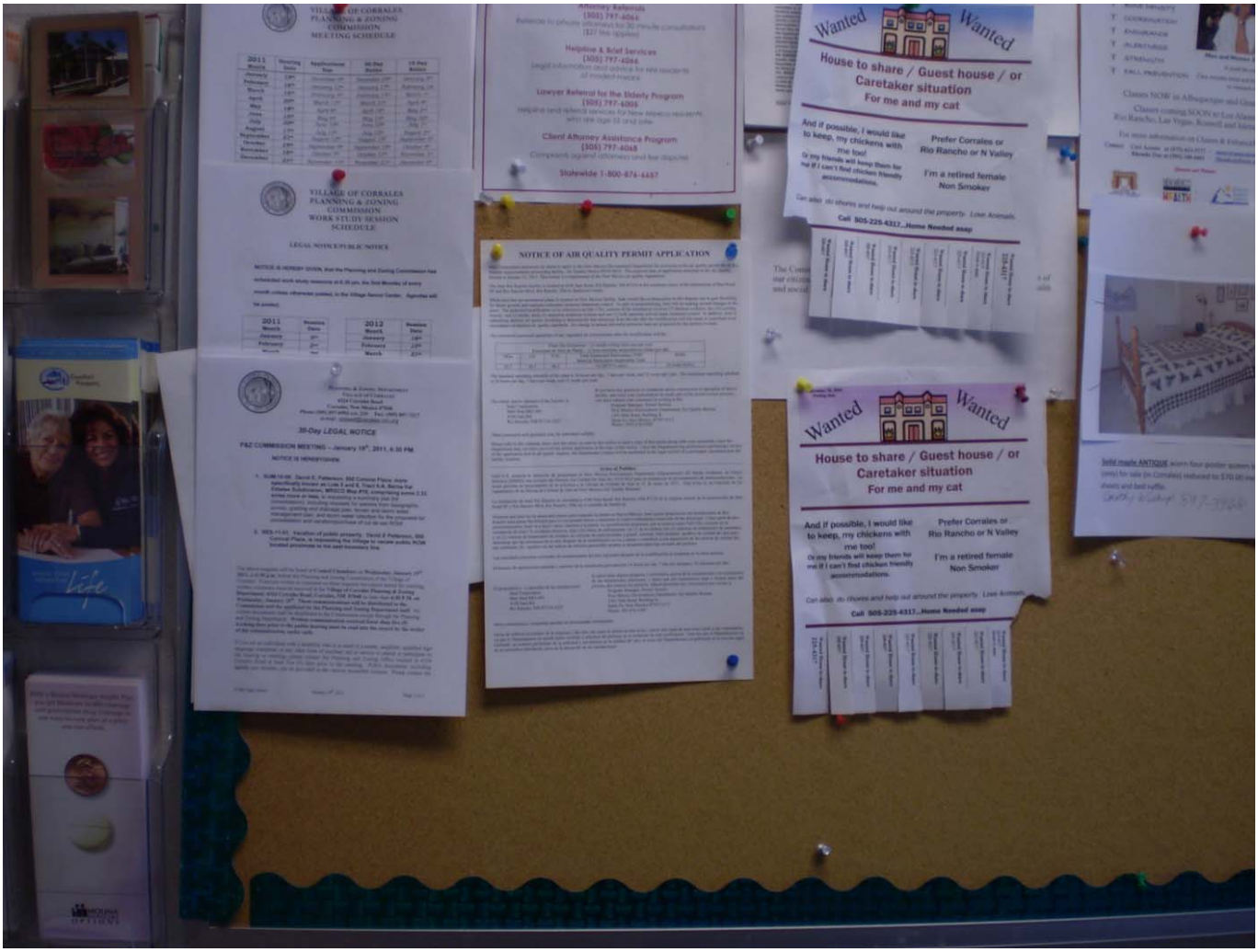


2) Rio Rancho Senior Center, January 24, 2011



3) Rio Rancho Public Library, January 24, 2011

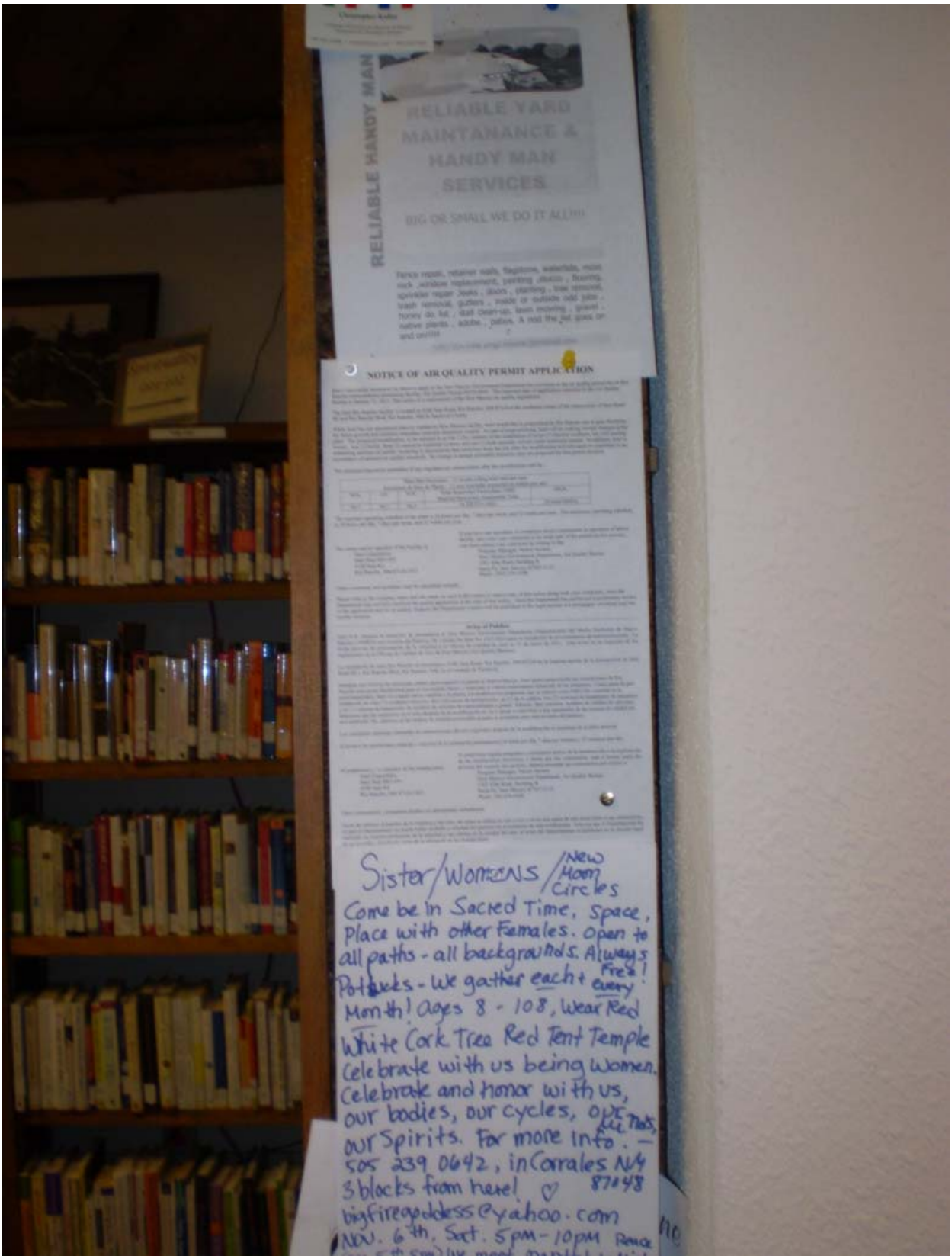
4) Corrales Senior Center, January 24, 2011



5) Corrales Village Offices, January 24, 2011

6) Flying Star Restaurant (corner of Coors & Alameda), January 24, 2011

7) Corrales Public Library, January 24, 2011



Public Notice Posted

NOTICE OF AIR QUALITY PERMIT APPLICATION

Intel Corporation announces its intent to apply to the New Mexico Environment Department for a revision to the air quality permit for its Rio Rancho semiconductor processing facility, Air Quality Permit #0325-M10. The expected date of application submittal to the Air Quality Bureau is January 31, 2011. This notice is a requirement of the New Mexico air quality regulations.

The Intel Rio Rancho facility is located at 4100 Sara Road, Rio Rancho, NM 87124 at the southeast corner of the intersection of Sara Road SE and Rio Rancho Blvd, Rio Rancho, NM in Sandoval County.

While Intel has not announced plans to expand its New Mexico facility, Intel would like to preposition its Rio Rancho site to gain flexibility for future growth and maintain redundant emission abatement control. As part of prepositioning, Intel will be making several changes at the plant. The proposed modification, to be referred to as Fab 11Xe, consists of the installation of seven (7) thermal oxidizers, ten (10) cooling towers, one (1) boiler, three (3) ammonia treatment systems and one (1) bulk specialty solvent waste treatment system. In addition, Intel is submitting ambient air quality modeling to demonstrate that emissions from the site after the modification will not cause or contribute to an exceedance of ambient air quality standards. No change in annual allowable emission rates are proposed for this permit revision.

The estimated maximum quantities of any regulated air contaminants after the modification will be:

Plant Site Emissions – 12 month rolling total tons per year Emisiones de Sitio de Planta – 12 mes toneladas acumulativas totales por año				
NOx	CO	VOC	Total Suspended Particulates (TSP) Material Particulado Suspendido Total	HAPs
95.7	94.7	96.5	14.2(RTO's only)	24 (total HAPs)

The standard operating schedule of the plant is 24 hours per day, 7 days per week, and 52 weeks per year. The maximum operating schedule is 24 hours per day, 7 days per week, and 52 weeks per year.

The owner and/or operator of the Facility is:
Intel Corporation
Mail Stop RR5-491
4100 Sara Rd.
Rio Rancho, NM 87124-1025

If you have any questions or comments about construction or operation of above facility, and want your comments to be made part of the permit review process , you must submit your comments in writing to the:
Program Manager, Permit Section
New Mexico Environment Department, Air Quality Bureau
1301 Siler Road, Building B
Santa Fe, New Mexico 87507-3113
Phone: (505) 476-4300

Other comments and questions may be submitted verbally.

Please refer to the company name and site name, as used in this notice or send a copy of this notice along with your comments, since the Department may not have received the permit application at the time of this notice. Once the Department has performed a preliminary review of the application and its air quality impacts, the Department's notice will be published in the legal section of a newspaper circulated near the facility location.

Aviso al Publico

Intel S.A. anuncia la intención de presentarse al New Mexico Environment Department (Departamento del Medio Ambiente de Nuevo México) (NMED) una revisión del Permiso De Calidad De Aire No. 0325-M10 para su instalacíon de procesamiento de semiconductores. La fecha prevista de presentación de la solicitud a la Oficina de Calidad de Aire es 31 de enero de 2011. Este aviso es un requisito de los reglamentos de la Oficina de Calidad de Aire de New Mexico (Air Quality Bureau).

La instalación de Intel Rio Rancho se encuentra a 4100 Sara Road, Rio Rancho, NM 87124 en la esquina sureste de la intersección de Sara Road SE y Rio Rancho Blvd, Rio Rancho, NM, en el condado de Sandoval.

Mientras que Intel no ha anunciado planes para expandir su planta en Nueva México, Intel quiere preposición sus instalaciones de Río Rancho para ganar flexibilidad para el crecimiento futuro y mantener el control redundantes reducción de las emisiones. Como parte de pre-posicionamiento, Intel va a hacer varios cambios a la planta. La modificación propuesta, que se conoce como Fab11Xe, consiste en la instalación de siete (7) oxidantes térmicos, diez (10) torres de enfriamiento, un (1) de la caldera, tres (3) sistemas de tratamiento de amoníaco y un (1) sistema de tratamiento de residuos de solvente de especialidades a granel.

Además, Intel presenta modelos de calidad del aire para demostrar que las emisiones en el sitio después de la modificación no va a causar o contribuir a una superación de las normas de calidad del aire ambiente. No cambios en las índices de emisión permisible anuales se proponen para esta revisión del permiso.

Las cantidades máximas estimadas de contaminantes del aire regulados después de la modificación se muestran en la tabla anterior.

El horario de operaciones estándar y máximo de la instalación permanecerá 24 horas por día, 7 días por semana y 52 semanas por año.

El propietario y / u operador de las instalaciones:

Intel Corporation
Mail Stop RR5-491
4100 Sara Rd.
Rio Rancho, NM 87124-1025

Si usted tiene alguna pregunta o comentario acerca de la construcción o la explotación de las instalaciones anteriores, y desea que sus comentarios sean a formar parte del proceso del examen del permiso, deberá presentar sus comentarios por escrito a:

Program Manager, Permit Section
New Mexico Environment Department, Air Quality Bureau
1301 Siler Road, Building B
Santa Fe, New Mexico 87507-3113
Phone: 505-476-4300

Otros comentarios y preguntas pueden ser presentadas verbalmente.

Favor de refirirse al nombre de la empresa y del sitio, tal como se utiliza en este aviso o envie una copia de este aviso junto a sus comentarios, ya que el Departamento no puede haber recibido a solicitud del permiso en el momento de esta notificación. Una vez que el Departamento ha realizado un examen preliminar de la solicitud y sus efectos en la calidad del aire, el aviso del Departamento se publicará en la sección legal de un periódico distribuido cerca de la ubicación de las instalaciones.

Newspaper Notices

FETCH! FRIDAY, JANUARY 28, 2011 B3

clicking on the "help us" tab. second chance at happiness." NM 87120. Find me on Facebook.

NOTICE OF AIR QUALITY PERMIT APPLICATION

[illegible]

Plant Site Emissions – 12 month rolling total tons per year [illegible]				
NOx	CO	VOC	Total Suspended Particulates (TSP) [illegible]	HAPs
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

The standard operating schedule of the plant is 24 hours per day, 7 days per week and 52 weeks per year. [illegible] 24 hours per day, 7 days per week and 52 weeks per year.

[illegible]
Intel Corporation
[illegible]

If you have any questions or comments about construction or operation of above facility, and want your comments to be made part of the permit review process, you must submit your comments in writing to the:

Program Manager, Permit Section
New Mexico Environment Department, Air Quality Bureau
[illegible]
Santa Fe, New Mexico 87507-3113
[illegible]

Other comments and questions may be submitted verbally.

[illegible]

AVISO AL PUBLICO

[illegible]

[illegible]

Program Manager, Permit Section
New Mexico Environment Department, Air Quality Bureau
[illegible]
Santa Fe, New Mexico 87507-3113
[illegible]

[illegible]

Aviso al Público

Intel S.A. anuncia a intención de presentarse al New Mexico Environment Department (Departamento del Medio Ambiente de Nuevo México, NMED) una sesión del Permiso De Calidad De Aire No. 0325-M10 para su instalación de procesamiento de semiconductores. La fecha prevista de presentación de la solicitud a la Oficina de Calidad de Aire es el 31 de enero de 2011. Este aviso es un requisito de de reglamentos de la Oficina de Calidad de Aire de New Mexico (Air Quality Bureau).

La instalación de Intel Rio Rancho se encuentra a 4100 Sara Road, Rio Rancho, NM 87124 en la esquina suroeste de la intersección de Sara Road SE y Rio Rancho Blvd, Rio Rancho, NM, en el condado de Sandoval.

Mientras que Intel no ha anunciado planes para expandir sus planes en Nuevo Mexico, Intel quiere proponer sus instalaciones de Rio Rancho para ganar flexibilidad para el crecimiento futuro y mantener al mismo reducciones redundantes y sustitución de emisiones. Como parte de la proposición, Intel va a hacer varios cambios a la planta. La modificación propuesta, que se conoce como Fab 11x, consiste en la instalación de siete (7) calderas termales, diez (10) torres de enfriamiento, un (1) de la caldera, tres (3) sistemas de tratamiento de amoníaco y un (1) sistema de tratamiento de residuos de solvente de especialidades a granel. Además, Intel presenta modelos de calidad del aire para demostrar que las emisiones en el sitio después de la modificación no va a causar o contribuir a una superación de las normas de calidad del aire ambiente. No cambios en las tasas de emisión permisibles anuales se proponen para esta revisión de permiso.

Las cantidades máximas estimadas de contaminantes del aire regulados después de la modificación se muestran en la tabla anexo.

El horario de operaciones estándar y máximo de la instalación permanecerá 24 horas por día, 7 días por semana y 52 semanas por año.

El propietario y / u operador de las instalaciones:
Intel Corporation
Mail Stop RR5-461
4100 Sara Rd.
Rio Rancho, NM 87184-5325

Si usted tiene alguna pregunta o comentario acerca de la construcción o la explotación de las instalaciones anteriores, y desea que sus comentarios sean a formar parte del proceso de examen del permiso, debera presentar sus comentarios por escrito a:
Program Manager, Permit Section
New Mexico Environment Department
Air Quality Bureau
1301 Siler Road, Building B
Santa Fe, New Mexico
87507-3113
Phone: 505-476-4300

Otros comentarios y preguntas pueden ser presentadas verbalmente.

Favor de referirse al nombre de la empresa y del sitio, tal como se utiliza en este aviso, o envíe una copia de este aviso junto a sus comentarios, ya que el Departamento no puede haber recibido la solicitud del permiso en el momento de esta notificación. Una vez que el Departamento ha realizado un examen preliminar de la solicitud y sus efectos en la calidad del aire, el aviso del Departamento se publicará en la sección legal de un periódico circulación cerca de la ubicación de las instalaciones.
Journal, January 25, 2011

NOTICE OF AIR QUALITY PERMIT APPLICATION

Intel Corporation announces its intent to apply to the New Mexico Environment Department for a revision to its air quality permit for its Rio Rancho semiconductor processing facility, Air Quality Permit #0325-M10. The expected date of application submittal to the Air Quality Bureau is January 31, 2011. This notice is a requirement of the New Mexico air quality regulations.

The Intel Rio Rancho facility is located at 4100 Sara Road, Rio Rancho, NM 87124 at the southwest corner of the intersection of Sara Road SE and Rio Rancho Blvd, Rio Rancho, NM in Sandoval County.

While Intel has not announced plans to expand its New Mexico facility, Intel would like to propose its Rio Rancho site to gain flexibility for future growth and maintain redundant emission substitutions control. As part of propositioning, Intel will be making several changes at the plant. The proposed modification, to be referred to as Fab 11x, consists of the installation of seven (7) thermal oxidizers, ten (10) cooling towers, one (1) boiler, three (3) ammonia treatment systems and one (1) bulk specialty solvent waste treatment system. In addition, Intel is submitting ambient air quality modeling to demonstrate that emissions from the site after the modification will not cause or contribute to an exceedance of ambient air quality standards. No changes in annual allowable emission rates are proposed for this permit revision.

The estimated maximum quantities of air regulated air contaminants after the modification will be:

Plant Site Emissions - 12 month rolling total tons per year
Emisiones de Sitio de Planta - 12 mes consecutivo totales por ano
NOx 86.7
CO 99.7
VOC 99.6
Total Suspended Particulates (TSP)
Materia Particulaero Suspendido Total 14.9(PM10 only)
HAPs 24 (total HAPs)

The standard operating schedule of the plant is 24 hours per day, 7 days per week, and 52 weeks per year. The maximum operating schedule is 24 hours per day, 7 days per week, and 52 weeks per year.

The owner and/or operator of the facility is:
Intel Corporation
Mail Stop RR5-461
4100 Sara Rd.
Rio Rancho, NM 87184-1088

If you have any questions or comments about construction or operation of above facility, and want your comments to be made part of the permit review process, you must submit your comments in writing to the:
Program Manager, Permit Section
New Mexico Environment Department
Air Quality Bureau
1301 Siler Road, Building B
Santa Fe, New Mexico
87507-3113
Phone: (505) 476-4300

Other comments and questions may be submitted verbally.

Please refer to the company name and site name, as used in this notice or send a copy of this notice along with your comments, since the Department may not have received the permit application at the time of this notice. Once the Department has performed a preliminary review of the application and its air quality impacts, the Department's notice will be published in the legal section of a newspaper circulated near the facility location.

STATE OF NEW MEXICO
County of Bernalillo SS

Linda MacEachen, being duly sworn, declares and says that she is Classified Advertising Manager of **The Albuquerque Journal**, and that this newspaper is duly qualified to publish legal notices or advertisements within the meaning of Section 3, Chapter 167, Session Laws of 1937, and that payment therefore has been made of assessed as court cost; that the notice, copy of which is hereto attached, was published in said paper in the regular daily edition, for 1 times, the first publication being on the 25 day of January 20 11, and the subsequent consecutive publications on

20

Linda C MacEachen

Sworn and subscribed before me, a Notary Public, in and for the County of Bernalillo and State of New Mexico this 25 day of January of 20 11.

OFFICIAL SEAL
Jenny Gomez
NOTARY PUBLIC
STATE OF NEW MEXICO
My Commission Expires 2-11-15

PRICE 154.87

Statement to come at end of month.

ACCOUNT NUMBER 1656C1

CLA-22-A (R-1/93)

8900 LEGAL NOTICES

bidder for cash all the right, title and interest of the above-named defendants in and to the following described real estate located in said County and State:

Lot numbered Thirty-two (32), in Block numbered One (1), of NORTH HILLS 14, as the same is shown and designated on the plat entitled, "NORTH HILLS UNIT 14, A SUBDIVISION OF A PORTION OF TRACT "A" IN NORTH HILLS SUBDIVISION, CITY OF RIO RANCHO, TOWN OF ALAMEDA GRANT, SANDOVAL COUNTY, NEW MEXICO", filed in the office of the County Clerk of Sandoval County, New Mexico, on September 20, 1993, in Rio Rancho Estates Plat Book 8, page 82-85, Volume 3, folio 1075B

which Property is more commonly known to the best of Plaintiff's knowledge as 2245 High Desert, Rio Rancho, New Mexico 87144. Plaintiff does not represent or warrant that the stated street address is the street address of the described property; if the street address does not match the legal description, then the property being sold herein is the property more particularly described above, not the property located at the street address; any prospective purchaser at the sale is given notice that it should verify the location and address of the property being sold. Said sale will be made pursuant to the Decree of Foreclosure entered on January 18, 2011, in the above entitled and numbered cause, which was a suit to foreclose a note and mortgage held by the above plaintiff and wherein plaintiff was adjudged to have a lien against the above-described real estate in the sum of $154,739.57, plus interest from January 18, 2011 to the date of sale at the rate of 6.625% per annum, or $24.82 per day, the costs of sale, including the Special Master's fee of $321.00, publication costs, and plaintiff's costs expended for taxes, insurance or keeping the property in good repair. Plaintiff has the right to bid at such sale and submit its bid verbally or in writing. The Plaintiff may apply all or any part of its judgment to the purchase price in lieu of cash.

NOTICE IS FURTHER GIVEN that the real property and improvements concerned with herein will be sold subject to any and all patent reservations, easements, all recorded and unrecorded liens not foreclosed herein, and all recorded and unrecorded special assessments and taxes that may be due. Plaintiff and its attorneys disclaim all responsibility for, and the purchaser at the sale takes the property subject to, the valuation of the property by the County Assessor as real or personal property, affixture of any mobile or manufactured home to the land, deactivation of title to a mobile or manufactured home on the property, if any, environmental contamination on the property, if any, and zoning violations concerning the property, if any.

NOTICE IS FURTHER GIVEN that the purchaser at such sale shall take title to the above described real property subject to right(s) of redemption, as set forth in the Judgment herein. At the date and time stated above, the Special Master may postpone the sale to such later date and time as the Special Master may specify.

Dated: January 26, 2011.

Jeffrey D. Lake
Special Master
820 Calle Amor SE
Albuquerque, New Mexico 87123
(505) 681-1414
(505) 294-4003 fax
Pub Dates: 1/30, 2/6, 13 & 20, 2011

STATE OF NEW MEXICO
COUNTY OF Sandoval
Thirteenth JUDICIAL DISTRICT

Case No. D-1329-CV-201002922

BAC HOME LOANS SERVICING, LP FKA COUNTRYWIDE HOME LOANS SERVICING, LP,
Plaintiff,
v.

JUSTIN LEDOUX; UNITED STATES OF AMERICA BY AND THROUGH THE INTERNAL REVENUE SERVICE; BRAD B. ALLEN; CKA INTERNATIONAL, A NEW MEXICO LIMITED LIABILITY COMPANY; MORTGAGE ELECTRONIC REGISTRATION SYSTEMS, INC. (SOLELY AS NOMINEE FOR LENDER AND LENDER'S SUCCESSORS AND ASSIGNS); WILLIAM C. VALENTINE; OCCUPANTS, WHOSE TRUE NAMES ARE UNKNOWN, IF ANY; THE UNKNOWN SPOUSE OF WILLIAM C. VALENTINE, IF ANY,
Defendants.

NOTICE OF SUIT

STATE OF NEW MEXICO to the above-named Defendants Justin Ledoux, CKA International, A New Mexico Limited Liability Company, William C. Valentine, and The Unknown Spouse of William C. Valentine, if any.

GREETINGS:
You are hereby notified that the above-named Plaintiff has filed a civil action against you in the above-entitled Court and cause, the general object thereof being to foreclose a mortgage on property located at 3711 36th Circle S.E., Rio Rancho, NM 87124, Sandoval County, New Mexico, said property being more particularly described as:

LOTS 9 AND 10, IN BLOCK 19A, OF UNIT 18, RIO RANCHO ESTATES, AS THE SAME IS SHOWN, AS THE SAME IS SHOWNAND DESIGNATED ON THE PLAT ENTITLED "REPLAT OF BLOCKS 1 THRU 7, INCLUSIVE AND TRACT D, OF THE AMENDED PLAT CENTRAL PORTION OF UNIT 18, RIO RANCHO ESTATES TOWN OF ALAMEDA GRANT, SANDOVAL COUNTY, NEW MEXICO", FILED IN THE OFFICE OF THE COUNTY CLERK OF SANDOVAL COUNTY, NEW MEXICO, ON FEBRUARY 8, 1966 IN RIO RANCHO ESTATES PLAT BOOK NO. 1, PAGE 88.

MORE CORRECTLY KNOWN AS: Lots numbered Nine (9) and Ten (10) in Block numbered Nineteen-A (19-A) of RIO RANCHO ESTATES, UNIT 18, as the same is shown and designated on the plat entitled, "REPLAT OF BLOCKS 1 THRU 7, INCLUSIVE & BLOCKS 41 THRU 45, INCLUSIVE & TRACT "D" OF AMENDED PLAT CENTRAL PORTION OF UNIT SIX-TEEN, RIO RANCHO ESTATES, TOWN OF ALAMEDA GRANT, SANDOVAL COUNTY, NEW MEXICO", filed in the office of the County Clerk of Sandoval County, New Mexico, on February 9, 1966, in Rio Rancho Estates Plat Book 1, page 88.

Unless you serve a pleading or motion in response to the complaint in said cause on or before 30 days after the last publication date, judgment by default will be entered against you.

Electronically Filed,
CASTLE STAWIARSKI, LLC

By: /s/ Steven J. Lucero
Elizabeth Mason
Keya Koul
Steven J. Lucero
20 First Plaza NW, Suite 602
Albuquerque, NM 87102
Attorney for Plaintiff
(800) 286-0013; (505) 848-9500

WITNESS the Honorable VIOLET C. OTERO, DISTRICT COURT JUDGE, of the Thirteenth Judicial District of New Mexico Judicial District Court, Sandoval County, New Mexico, this 20th day of JANUARY, 2011.

Theresa D. Valencia
CLERK OF THE DISTRICT COURT

By:/s/Christina Montoya
Deputy
10-2347 FC01
Pub Dates: 1/30, 2/6 & 13, 2011

STATE OF NEW MEXICO
IN THE PROBATE COURT
SANDOVAL COUNTY

NO. 3242-11-04

IN THE MATTER OF THE ESTATE OF MIGUEL A. GOMEZ, DECEASED.

NOTICE TO CREDITORS

NOTICE IS HEREBY GIVEN that the undersigned has been appointed personal representative of the estate. All persons having claims against this estate are required to present their claims within two (2) months after the date of the first publication of this notice, or the claims will be forever barred. Claims must be presented either to the undersigned personal representative at the address listed below, or filed with the Probate Court of Sandoval, County, New Mexico, located at the following address:1500 Idalia Rd Building D, Rio Rancho, New Mexico 87004.

DATED: January 19, 2011

/s/ Ramoncita C. Urioste
Ramona Urioste
285 Cheriene Rd.
Rio Rancho, NM 87124
505-980-6670
Pub Date(s): 1/23 & 1/30, 2011

STATE OF NEW MEXICO
COUNTY OF Sandoval
Thirteenth JUDICIAL DISTRICT

Case No. D-1329-CV-201002496

GMAC MORTGAGE, LLC,
Plaintiff,
v.

KEN PETERSON; REBECCAH J. PETERSON; OCCUPANTS, WHOSE TRUE NAMES ARE UNKNOWN, IF ANY,
Defendants.

NOTICE OF SUIT

STATE OF NEW MEXICO to the above-named Defendants Ken Peterson and Rebecaah J. Peterson.

GREETINGS:
You are hereby notified that the above-named Plaintiff has filed a civil action against you in the above-entitled Court and cause, the general object thereof being to foreclose a mortgage on property located at 8 Rancho West Drive SE, Rio Rancho, NM 87124-3609, Sandoval County, New Mexico, said property being more particularly described as:

Lot numbered One Hundred Twelve (112) of Rancho West Estates, a Subdivision of Sandoval County, New Mexico, as the same is shown and designated on the Plat of said Subdivision, filed in the office of the County Clerk of Sandoval county, New Mexico, on November 12, 1974, and refiled September 12, 1978.

ALSO KNOWN AS:
Lot numbered One Hundred Twelve (112), of Rancho West, a subdivision in Sandoval County, New Mexico, as the same is shown and designated on the replat of said subdivision, filed in the office of the County Clerk of Sandoval County, New Mexico, on September 12, 1979, in Volume 2, Folio 279-B.

Unless you serve a pleading or motion in response to the complaint in said cause on or before 30 days after the last publication date, judgment by default will be entered against you.

"Electronically Filed",
CASTLE STAWIARSKI, LLC

By: /s/ Steven J. Lucero
Elizabeth Mason
Keya Koul
Steven J. Lucero
20 First Plaza NW, Suite 602
Albuquerque, NM 87102
Attorney for Plaintiff
(800) 286-0013; (505) 848-9500

WITNESS the Honorable GEORGE P. EICHWALD, DISTRICT COURT JUDGE, of the Thirteenth Judicial District of New Mexico Judicial District Court, Sandoval County, New Mexico, this 07th day of January, 2011.

Theresa D. Valencia
CLERK OF THE DISTRICT COURT

By:/s/Christina Montoya
Deputy
10-1985 FC01
Pub Dates 1/16, 23 & 30, 2011

STATE OF NEW MEXICO
COUNTY OF Sandoval
Thirteenth JUDICIAL DISTRICT

Case No. D-1329-CV-201002388

BAC HOME LOANS SERVICING, LP FKA COUNTRYWIDE HOME LOANS SERVICING LP,
Plaintiff,
v.

TIMOTHY HOGAN; SHERRIE HOGAN; NORTH HILLS PROPERTY OWNERS' ASSOCIATION, INC.; THE UNKNOWN SPOUSE OF TIMOTHY HOGAN, IF ANY; THE UNKNOWN SPOUSE OF SHERRIE HOGAN, IF ANY,
Defendants.

NOTICE OF SUIT ON FIRST AMENDED COMPLAINT

STATE OF NEW MEXICO to the above-named Defendants Sherrie Hogan and The Unknown Spouse of Sherrie Hogan, if any.

GREETINGS:
You are hereby notified that the above-named Plaintiff has filed a civil action against you in the above-entitled Court and cause, the general object thereof being to foreclose a mortgage on property located at **1784 Lee Loop NE, Rio Rancho, NM 87144, Sandoval County, New Mexico,** said property being more particularly described as:

Lot numbered Seventeen (17) in Block numbered One (1), North Hills Unit 6, as the same is shown and designated on the plat entitled, North Hills Unit 6, a subdivision of a portion of Tract "A" in the City of Rio Rancho, Town of Alameda Grant, Sandoval County, New Mexico", filed in the office of the County Clerk of Sandoval County, New Mexico on October 20, 1988 in Volume 3, Folio 744A, (Rio Rancho Estates Plat Book 6, page 76)

Unless you serve a pleading or motion in response to the complaint in said cause on or before 30 days after the last publication date, judgment by default will be entered against you.

Electronically Filed,
CASTLE STAWIARSKI, LLC

By: /s/ Steven J. Lucero
Elizabeth Mason
Keya Koul
Steven J. Lucero
20 First Plaza NW, Suite 602
Albuquerque, NM 87102
Attorney for Plaintiff
(800) 286-0013; (505) 848-9500

WITNESS the Honorable VIOLET C. OTERO, DISTRICT COURT JUDGE, of the Thirteenth Judicial District of New Mexico Judicial District Court, Sandoval County, New Mexico, this 20th day of JANUARY, 2011.

Theresa D. Valencia
CLERK OF THE DISTRICT COURT

By:/s/Christina Montoya
Deputy
10-1947 FC01
Pub Dates: 1/30, 2/6 & 13, 2011

NOTICE OF AIR QUALITY PERMIT APPLICATION

Intel Corporation announces its intent to apply to the New Mexico Environment Department for a revision to the air quality permit for its Rio Rancho semiconductor processing facility, Air Quality Permit #0325-M10. The expected date of application submittal to the Air Quality Bureau is January 31, 2011. This notice is a requirement of the New Mexico air quality regulations.

The Intel Rio Rancho facility is located at 4100 Sara Road, Rio Rancho, NM 87124 at the southeast corner of the intersection of Sara Road SE and Rio Rancho Blvd, Rio Rancho, NM in Sandoval County.

While Intel has not announced plans to expand its New Mexico facility, Intel would like to preposition its Rio Rancho site to gain flexibility for future growth and maintain redundant emission abatement control. As part of prepositioning, Intel will be making several changes at the plant. The proposed modification, to be referred to as Feb 11Xe, consists of the installation of seven (7) thermal oxidizers, ten (10) cooling towers, one (1) boiler, three (3) ammonia treatment systems and one (1) bulk specialty solvent waste treatment system. In addition, Intel is submitting ambient air quality modeling to demonstrate that emissions from the site after the modification will not cause or contribute to an exceedance of ambient air quality standards. No change in annual allowable emission rates are proposed for this permit revision.

The estimated maximum quantities of any regulated air contaminants after the modification will be:

Plant Site Emissions - 12 month rolling total tons per year Emisiones de Sitio de Planta - 12 mes toneladas acumulativas totales por año	
NOx	95.7
CO	94.7
VOC	96.5
Total Suspended Particulates (TSP) Material Particulado Suspendido Total	14.2(RTO's only)
HAPs	24 (total HAPs)

The standard operating schedule of the plant is 24 hours per day, 7 days per week, and 52 weeks per year. The maximum operating schedule is 24 hours per day, 7 days per week, and 52 weeks per year.

The owner and/or operator of the Facility is:
Intel Corporation
Mail Stop RR5-491
4100 Sara Rd.
Rio Rancho, NM 87124-1025

If you have any questions or comments about construction or operation of above facility, and want your comments to be made part of the permit review process , you must submit your comments in writing to the:
Program Manager, Permit Section
New Mexico Environment Department, Air Quality Bureau
1301 Siler Road, Building B
Santa Fe, New Mexico 87507-3113
Phone: (505) 476-4300

Other comments and questions may be submitted verbally.

Please refer to the company name and site name, as used in this notice or send a copy of this notice along with your comments, since the Department may not have received the permit application at the time of this notice. Once the Department has performed a preliminary review of the application and its air quality impacts, the Department's notice will be published in the legal section of a newspaper circulated near the facility location.

Aviso al Publico

Intel S.A. anuncia la intención de presentarse al New Mexico Environment Department (Departamento del Medio Ambiente de Nuevo México) (NMED) una revision del Permiso De Calidad De Aire No. 0325-M10 para su instalacion de procesamiento de semiconductores. La fecha prevista de presentación de la solicitud a la Oficina de Calidad de Aire es 31 de enero de 2011. Este aviso es un requisito de los reglamentos de la Oficina de Calidad de Aire de New Mexico (Air Quality Bureau).

La instalación de Intel Rio Rancho se encuentra a 4100 Sara Road, Rio Rancho, NM 87124 en la esquina sureste de la interseccion de Sara Road SE y Rio Rancho Blvd, Rio Rancho, NM, en el condado de Sandoval.

Mientres que Intel no ha anunciado planes para expandir su planta en Nueva Mexico, Intel quiere preposición sus instalaciones de Rio Rancho para ganar flexibilidad para el crecimiento futuro y mantener el control redundantes reducción de las emisiones. Como parte de pre-posicionamiento, Intel va a hacer varios cambios a la planta. La modificación propuesta, que se conoce como Feb11Xe, consiste en la instalacion de siete (7) oxidantes termicos, diez (10) torres de enfriamiento, un (1) de la caldera, tres (3) sistemas de tratamiento de amoniaco y un (1) sistema de tratamiento de residuos de solvente de especialidades a granel. Ademas, Intel presenta modelos de calidad del aire para demostrar que las emisiones en el sitio después de la modificación no va a causar o contribuir a una superación de las normas de calidad del aire ambiente. No cambios en las indices de emision permisible anuales se proponen para esta revision del permiso.

Las cantidades máximas estimadas de contaminantes del aire regulados después de la modificación se muestran en la tabla anterior.

El horario de operaciones estándar y máximo de la instalación permanecerá 24 horas por día, 7 días por semana y 52 semanas por año.

El propietario y / u operador de las instalaciones:
Intel Corporation
Mail Stop RR5-491
4100 Sara Rd.
Rio Rancho, NM 87124-1025

Si usted tiene alguna pregunta o comentario acerca de la construcción o la explotación de las instalaciones anteriores, y desea que sus comentarios sean a formar parte del proceso del examen del permiso, deberá presentar sus comentarios por escrito a:
Program Manager, Permit Section
New Mexico Environment Department, Air Quality Bureau
1301 Siler Road, Building B
Santa Fe, New Mexico 87507-3113
Phone: 505-476-4300

Otros comentarios y preguntas pueden ser presentadas verbalmente.

Favor de refirirse al nombre de la empresa y del sitio, tal como se utiliza en este aviso o envíe una copia de este aviso junto a sus comentarios, ya que el Departamento no puede haber recibido a solicitud del permiso en el momento de esta notificación. Una vez que el Departamento ha realizado un examen preliminar de la solicitud y sus efectos en la calidad del aire, el aviso del Departamento se publicará en la sección legal de un periódico distribuido cerca de la ubicación de las instalaciones.
Pub Date 1/26/11

The Director of Accounting will receive sealed proposals for the Rio Rancho Public Schools District, Rio Rancho NM, for:

TELECOMMUNICATION SERVICES,
RFP 2010-012-IT, to enter into a contract for telecommunication services at RRPS sites.

Proposal information is available by downloading from the RRPS website at http://www.rrps.net/AdministrationRFB/purchasephone.html on or after Friday, January 21, 2011.

Responses to the REQUEST FOR PROPOSAL must be received no later than February 15, 2011, 2:00 pm MST. All Requests for Proposals must be sealed and labeled: RFP 2010-012-IT and delivered or mailed to Director of Accounting, Rio Rancho Public Schools, 500 Laser Road, Rio Rancho, NM 87124.

This request may be cancelled, or any and all REQUEST FOR PROPOSALS rejected, whole or in part, if determined by the Board of Education to be in the best interest of the Rio Rancho Public Schools.

Board of Education
Rio Rancho Public Schools
Don J. Schlichte, President
Pub Dates 1/23, 26 & 30, 2011

STATE OF NEW MEXICO
COUNTY OF Sandoval
Thirteenth JUDICIAL DISTRICT

Case No. D-1329-CV-201002788

WELLS FARGO BANK, N.A.,
Plaintiff,
v.

FRANK E. TRUJILLO; JESSICA TRUJILLO; MORTGAGE ELECTRONIC REGISTRATION SYSTEMS, INC. (SOLELY AS NOMINEE FOR LENDER AND LENDER'S SUCCESSORS AND ASSIGNS),
Defendants.

NOTICE OF SUIT

STATE OF NEW MEXICO to the above-named Defendants Frank E. Trujillo and Jessica Trujillo.

GREETINGS:
You are hereby notified that the above-named Plaintiff has filed a civil action against you in the above-entitled Court and cause, the general object thereof being to foreclose a mortgage on property located at **821 8th Street NE, Rio Rancho, NM 87124,** Sandoval County, New Mexico, said property being more particularly described as:

Lot numbered Forty-eight (48) in Block numbered Six (6), Unit 11, as the same is shown and designated on the plat entitled, "NORTHERLY PORTION OF S.W. PORTION OF UNIT ELEVEN", filed in the Office of the County Clerk of Sandoval County, New Mexico, on December 11, 1962 in Plat Book Number 1, page 86.

Unless you serve a pleading or motion in response to the complaint in said cause on or before 30 days after the last publication date, judgment by default will be entered against you.

Electronically Filed,
CASTLE STAWIARSKI, LLC

By: /s/ Steven J. Lucero
Elizabeth Mason
Keya Koul
Steven J. Lucero
20 First Plaza NW, Suite 602
Albuquerque, NM 87102
Attorney for Plaintiff
(800) 286-0013; (505) 848-9500

WITNESS the Honorable GEORGE P. EICHWALD, DISTRICT COURT JUDGE, of the Thirteenth Judicial District of New Mexico Judicial District Court, Sandoval County, New Mexico, this 06th day of January, 2011.

Theresa D. Valencia
CLERK OF THE DISTRICT COURT

By:/s/ Christine Montoya Deputy
10-3511 FC01
Pub Dates: 1/16, 23 & 30, 2011

CITY OF RIO RANCHO
REQUEST FOR PROPOSALS (RFP)
RFP NO. 11-PW-10
Design of Paseo Gateway Wastewater Line

The City of Rio Rancho, Department of Financial Services, 3200 Civic Center Circle, NE, Rio Rancho, New Mexico 87144, will receive proposals for Design of Paseo Gateway Wastewater Line, no later than February 28, 2011, at 2:00 p.m. local time at the Office of the City Clerk, Suite 150.

The City of Rio Rancho is requesting proposals from qualified Professionals to design services for the Paseo Gateway wastewater line project. The wastewater line will be approximately 9,000 if long and will serve future growth in the Rio Rancho North Central Economic Development Area.

RFP packages may be obtained through the contract information listed below or on the City's website at, http://www.ci.rancho.nm.us/bids.

Issuing Office:
City of Rio Rancho, Department of Financial Services
3200 Civic Center Circle NE
Rio Rancho, NM 87144
(505) 896-8782

Advertised: Sunday, Jan. 30, 2011

PHOTO COURTESY OF PAULA SCOTT

Above, students participating in the "I am an Artist" exhibit gathered in the city council chambers on Wednesday for a group photo. All levels of ability and experience can be viewed while looking at photos of their artwork.

RIO RANCHO OBSERVER — GARY HERRON PHOTOS

At left, Rio Rancho High School junior Hannah Mercek proudly displays the framed photo of her and her art work; behind her are the framed artwork of her fellow high school students. At right, this watercolor by an Eagle Ridge Middle School seventh-grader, credited only as "Vanessa," appears to be a cyclops. It's hanging on a wall of the hallway that leads to the council chambers.

These students are artists

There they are, in the city council chambers at City Hall: 30 portraits celebrating the City of Vision's 30th anniversary of incorporation.

While citizens often see teenagers in the community, and occasionally see displays of student art, there is rarely a connection made between the artists and their work. The goal of this "I am an Artist" exhibit is to draw that correlation between expressions of creativity and their creators, to identify these teenagers as individuals with unique abilities.

The 30 photographs portray Rio Rancho High School artists, representing different levels of ability and experience, enrolled in introductory through the most advanced classes in our public schools.

Art is often seen as a luxury; but the skills derived from art education are a necessity. Art teaches important problem solving and analytical skills, helping students become more innovative.

According to some studies, artists do better in math, reading and writing. Artists do better on the SAT. Artists earn better grades, get better test scores. Artists perform more community service and watch less TV. Art enhances a person's standard of excellence.

Art helps students communicate their ideas and build confidence.

While fine arts credits are not required in New Mexico for a high school diploma, the U.S. Department of Education, the College Board, as well as many universities recommend the arts as an essential part of college preparatory education.

Rio Rancho Public Schools requires a half-credit for students to graduate.

Principal backers for "I am an Artist" are the Rio Rancho Education Foundation, Frame-n-Art Gallery, Paula Scott and the Rio Rancho Art Commission, the City of Rio Rancho, Mayor Tom Swisstack and the Rio Rancho City Council.

Obituaries

Anna Marie Eis

Anna Marie "Anne" Eis, 79, of Elkhart, Ind., and formerly of Albuquerque, peacefully went to be with the lord Jan. 24 at Greenleaf Living Center. She was born on Nov. 27, 1931, in Carlsbad to Max and Marie (Scheuer) Kopp. On Aug. 16, 1966, Anne married Richard H. Eis in Florida. He died May 24, 1999. She was a graduate of St. Mary's Academy and a member of the Red Hat Society in Albuquerque. Anne worked at Leer Mfg. as a bookkeeper.

Eis

She is survived by three daughters: Janice(Christopher) Schenher-Bryson of Elkhart, Diane (Mike) Schenher-Walker of Chicago and Susan (Lynn) Schenher-Swathwood of Elkhart; a stepdaughter, Mary Eis of New York; two sons, Douglas (Vicki) Schenher of Springboro, Ohio, and Arthur (Cathy) Schenher Jr. of Grass Lake, Mich.; one brother, Max Joe (Charlene) Kopp of California; 10 grandchildren and eight great-grandchildren.

Calling took place Jan. 27 at Hartzler-Gutermuth-Inman Funeral Home. In lieu of flowers, memorials may be given to the Church of Incarnation, 2309 Monterrey Rd. NE, Rio Rancho, NM 87144.

Diana Franklin-Shapiro

Diana S. Franklin-Shapiro, 53, passed away Jan. 19. She was born Aug. 3, 1957, in Albuquerque.

She is survived by her loving family: mother, Betty Franklin; her true love, Michael Shapiro; children, DeAunna Everingham and husband Juanico; David Shapiro and girlfriend, Celeste Rivas; Kevin Shapiro and Julio Nevarez; grandchildren Steven Everingham and Hailey Everingham; sister Debbie Franklin-Powell; brother Donnie Franklin and wife Laurie; aunt Carol Tilley; cousins Cindy Sickenger and Gary Tilley; nieces LeAnna Arcement, Dawnelle Tucker and Kathy Padilla; nephews Adam Shapiro, Alex Shapiro and Justin Franklin; and her many friends.

Visitation was held Jan. 23 at Daniels Family Funeral Services in Rio Rancho. Funeral services were held Jan. 24, followed by interment at Sandia Memory Gardens, 9500 San Pedro NE, Albuquerque.

Those who wish to express their condolences may do so at danielsfuneral.com.

NOTICE OF AIR QUALITY PERMIT APPLICATION

Intel Corporation announces its intent to apply to the New Mexico Environment Department for a revision to the air quality permit for its Rio Rancho semiconductor processing facility, Air Quality Permit #0325-M10. The expected date of application submittal to the Air Quality Bureau is January 31, 2011. This notice is a requirement of the New Mexico air quality regulations.

The Intel Rio Rancho facility is located at 4100 Sara Road, Rio Rancho, NM 87124 at the southeast corner of the intersection of Sara Road SE and Rio Rancho Blvd, Rio Rancho, NM in Sandoval County.

While Intel has not announced plans to expand its New Mexico facility, Intel would like to preposition its Rio Rancho site to gain flexibility for future growth and maintain redundant emission abatement control. As part of prepositioning, Intel will be making several changes at the plant. The proposed modifications, to be referred to as Fab 11Xe, consists of the installation of seven (7) thermal oxidizers, ten (10) cooling towers, one (1) boiler, three (3) ammonia treatment systems and one (1) bulk specialty solvent waste treatment system. In addition, Intel is submitting ambient air quality modeling to demonstrate that emissions from the site after the modification will not cause or contribute to an exceedance of ambient air quality standards. No change in annual allowable emission rates are proposed for this permit revision.

The estimated maximum quantities of any regulated air contaminants after the modification will be:

Plant Site Emissions – 12 month rolling total tons per year Emisiones de Sitio de Planta – 12 mes toneladas acumulativas totales por año				
NOx	CO	VOC	Total Suspended Particulates (TSP) Material Particulado Suspendido Total	HAPs
95.7	94.7	96.5	14.2(RTO's only)	24 (total HAPs)

The standard operating schedule of the plant is 24 hours per day, 7 days per week, and 52 weeks per year. The maximum operating schedule is 24 hours per day, 7 days per week, and 52 weeks per year.

The owner and/or operator of the Facility is:
Intel Corporation
Mail Stop RR5-491
4100 Sara Rd.
Rio Rancho, NM 87124-1025

If you have any questions or comments about construction or operation of above facility, and want your comments to be made part of the permit review process , you must submit your comments in writing to the:

Program Manager, Permit Section
New Mexico Environment Department, Air Quality Bureau
1301 Siler Road, Building B
Santa Fe, New Mexico 87507-3113
Phone: (505) 476-4300

Other comments and questions may be submitted verbally.

Please refer to the company name and site name, as used in this notice or send a copy of this notice along with your comments, since the Department may not have received the permit application at the time of this notice. Once the Department has performed a preliminary review of the application and its air quality impacts, the Department's notice will be published in the legal section of a newspaper circulated near the facility location.

AVISO AL PUBLICO

Intel S.A. anuncia la intención de presentarse al New Mexico Environment Department (Departamento del Medio Ambiente de Nuevo México) (NMED) una revisión del Permiso De Calidad De Aire No. 0325-M10 para su instalacion de procesamiento de semiconductores. La fecha prevista de presentación de la solicitud a la Oficina de Calidad de Aire es 31 de enero de 2011. Este aviso es un requisito de los reglamentos de la Oficina de Calidad de Aire de New Mexico (Air Quality Bureau).

La instalación de Intel Rio Rancho se encuentra a 4100 Sara Road, Rio Rancho, NM 87124 en la esquina sureste de la intersección de Sara Road SE y Rio Rancho Blvd, Rio Rancho, NM, en el condado de Sandoval.

Mientras que Intel no ha anunciado planes para expandir su planta en Nueva México, Intel quiere preposición sus instalaciones de Río Rancho para ganar flexibilidad para el crecimiento futuro y mantener el control redundantes reducción de las emisiones. Como parte de pre-posicionamiento, Intel va a hacer varios cambios a la planta. La modificación propuesta, que se conoce como Fab11Xe, consiste en la instalación de siete (7) oxidantes térmicos, diez (10) torres de enfriamiento, un (1) de la caldera, tres (3) sistemas de tratamiento de amoníaco y un (1) sistema de tratamiento de residuos de solvente de especialidades a granel. Además, Intel presenta modelos de calidad del aire para demostrar que las emisiones en el sitio después de la modificación no va a causar o contribuir a una superación de las normas de calidad del aire ambiente. No cambios en las índices de emisión permisible anuales se proponen para esta revisión del permiso.

Las cantidades máximas estimadas de contaminantes del aire regulados después de la modificación se muestran en la tabla anterior.

El horario de operaciones estándar y máximo de la instalación permanecerá 24 horas por día, 7 días por semana y 52 semanas por año.

El propietario y / u operador de las instalaciones:
Intel Corporation
Mail Stop RR5-491
4100 Sara Rd.
Rio Rancho, NM 87124-1025

Si usted tiene alguna pregunta o comentario acerca de la construcción o la explotación de las instalaciones anteriores, y desea que sus comentarios sean a formar parte del proceso del examen del permiso, deberá presentar sus comentarios por escrito a:

Program Manager, Permit Section
New Mexico Environment Department, Air Quality Bureau
1301 Siler Road, Building B
Santa Fe, New Mexico 87507-3113
Phone: 505-476-4300

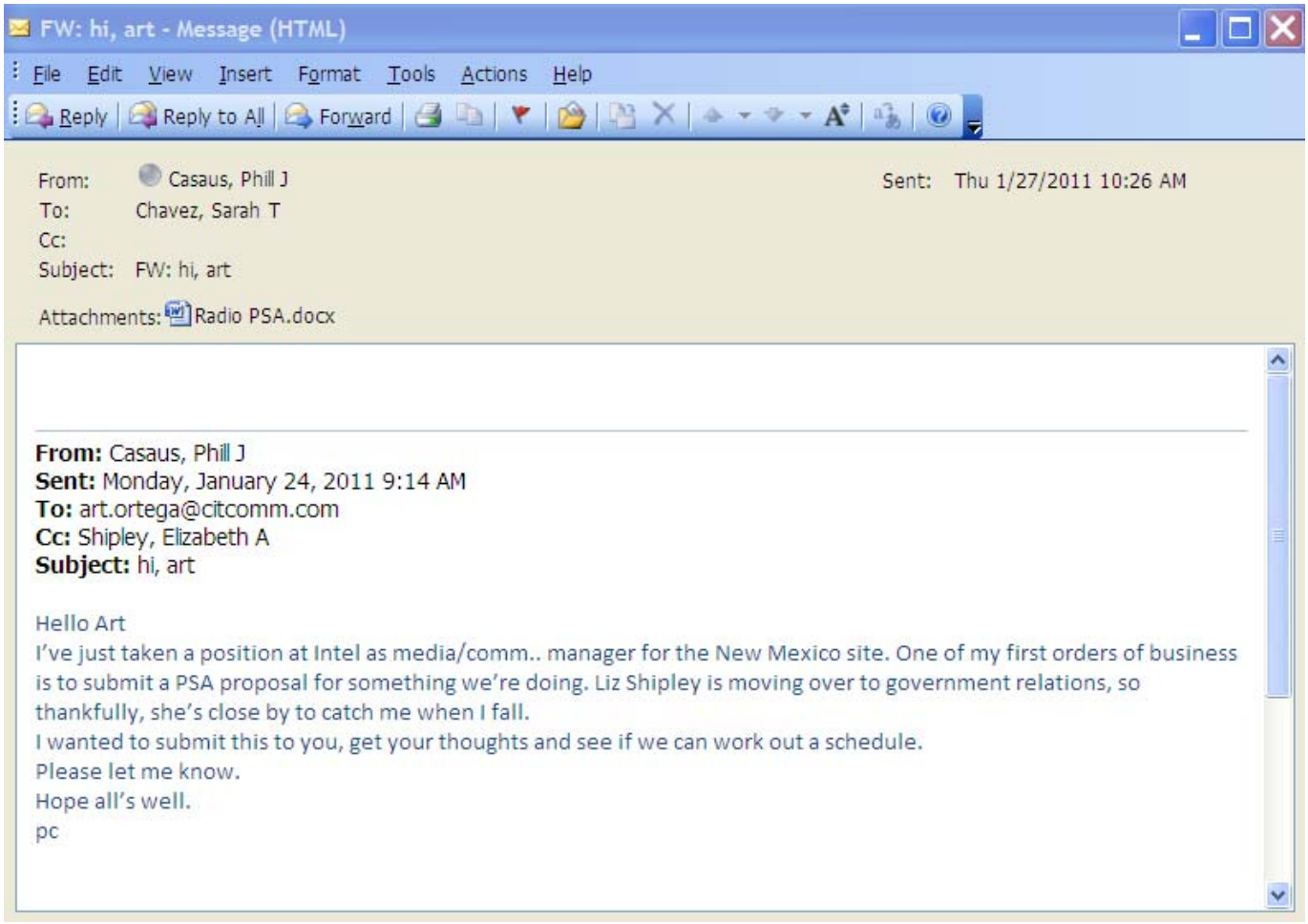
Otros comentarios y preguntas pueden ser presentadas verbalmente.

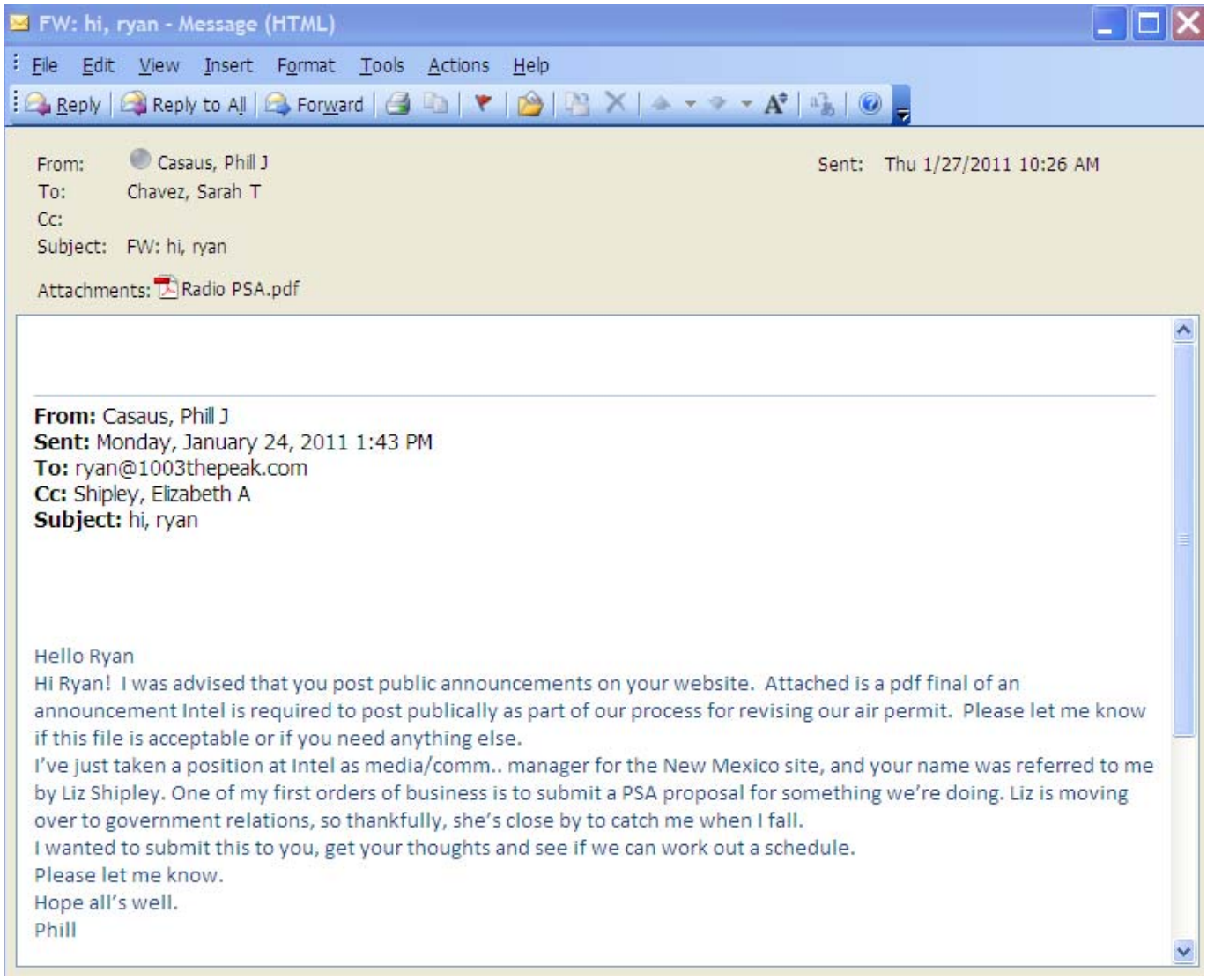
Favor de refirirse al nombre de la empresa y del sitio, tal como se utiliza en este aviso o envie una copia de este aviso junto a sus comentarios, ya que el Departamento no puede haber recibido a solicitud del permiso en el momento de esta notificación. Una vez que el Departamento ha realizado un examen preliminar de la solicitud y sus efectos en la calidad del aire, el aviso del Departamento se publicará en la sección legal de un periódico distribuido cerca de la ubicación de las instalaciones.

Public Service Announcement Requests

60-second Radio PSA

Intel Corporation announces its intent to apply to the New Mexico Environment Department for a revision to the air quality permit for its manufacturing facility located at 4100 Sara Road, Rio Rancho, New Mexico. This notice is a requirement of New Mexico air quality regulations. Intel has not announced plans to expand its New Mexico facility. The company would like to preposition its Rio Rancho site to gain flexibility for future growth and maintain redundant emission abatement control. As part of prepositioning, Intel will be making several changes at the plant. The proposed modification consists of the installation of seven (7) thermal oxidizers, 10 cooling towers, one (1) boiler, three (3) ammonia treatment systems and one (1) bulk specialty solvent waste treatment system. In addition, Intel is submitting ambient air quality modeling to demonstrate that emission from the site after the modification will not cause nor contribute to an exceedance of ambient air quality standards. No change in annual allowable emission rates are proposed for this revision. Notices of these revisions have been posted at the Rio Rancho and Corrales Public Libraries and Senior Centers. Comments on the application should be directed to the New Mexico Environment Department Air Quality Bureau, 1301 Siler Road, Building B, Santa Fe, New Mexico, 85707, or by calling 505-476-4300.


FW: hi, art - Message (HTML)
File Edit View Insert Format Tools Actions Help
Reply Reply to All Forward
From: Casaus, Phill J
Sent: Thu 1/27/2011 10:26 AM
To: Chavez, Sarah T
Cc:
Subject: FW: hi, art
Attachments: Radio PSA.docx
From: Casaus, Phill J
Sent: Monday, January 24, 2011 9:14 AM
To: art.ortega@citcomm.com
Cc: Shipley, Elizabeth A
Subject: hi, art
Hello Art
I've just taken a position at Intel as media/comm.. manager for the New Mexico site. One of my first orders of business is to submit a PSA proposal for something we're doing. Liz Shipley is moving over to government relations, so thankfully, she's close by to catch me when I fall.
I wanted to submit this to you, get your thoughts and see if we can work out a schedule.
Please let me know.
Hope all's well.
pc



FW: hi, ryan - Message (HTML)

File Edit View Insert Format Tools Actions Help

Reply | Reply to All | Forward

From: Casaus, Phill J
Sent: Thu 1/27/2011 10:26 AM
To: Chavez, Sarah T
Cc:
Subject: FW: hi, ryan

Attachments: Radio PSA.pdf

From: Casaus, Phill J
Sent: Monday, January 24, 2011 1:43 PM
To: ryan@1003thepeak.com
Cc: Shipley, Elizabeth A
Subject: hi, ryan

Hello Ryan
Hi Ryan! I was advised that you post public announcements on your website. Attached is a pdf final of an announcement Intel is required to post publically as part of our process for revising our air permit. Please let me know if this file is acceptable or if you need anything else.
I've just taken a position at Intel as media/comm.. manager for the New Mexico site, and your name was referred to me by Liz Shipley. One of my first orders of business is to submit a PSA proposal for something we're doing. Liz is moving over to government relations, so thankfully, she's close by to catch me when I fall.
I wanted to submit this to you, get your thoughts and see if we can work out a schedule.
Please let me know.
Hope all's well.
Phill

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7008 1830 0002 5626 9665
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CHAVEZ, DENNIS R & MARY ANN K
1310 CANYON TRAIL SW
ALBUQUERQUE, NM 87121


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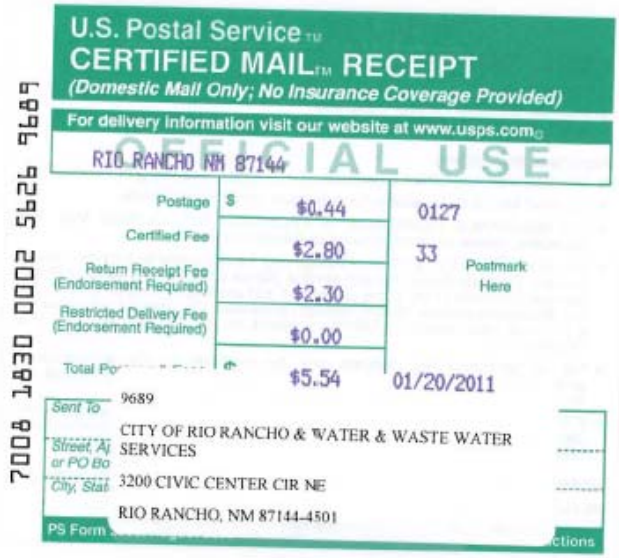
605 EASTLAKE DR
RIO RANCHO, NM 87124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7008 1830 0002 5626 9610
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VISTA VERDE MEMORIAL PARK LLC
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BRUCE, ROBERT W & TEDDIE C
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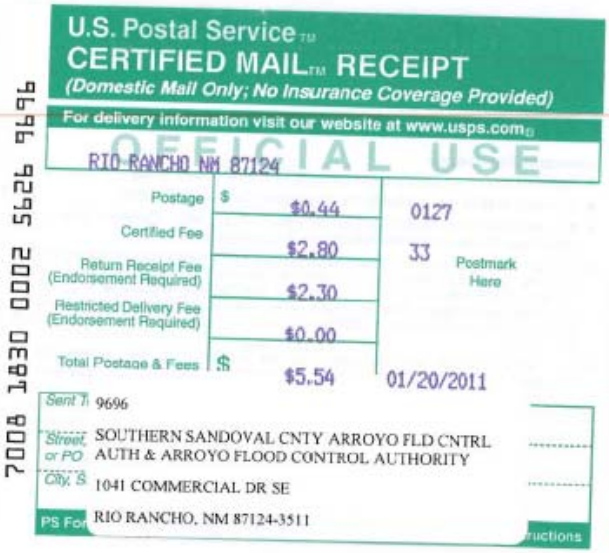
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9696
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1041 COMMERCIAL DR SE
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City, State, ZIP+4 SANTA CLARA, CA 95052
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Sent To 9535
MARKHAM, DANIEL & LESLIE
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WARD, JAN & STOKES, JAN
Street, Apt. No.; or PO Box No. 1537 W. MEADOWLARK LN
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LINVER, BETTY J & JOESPH
Street, Apt. No.; or PO Box No. 10500 ACADEMY RD APT 304
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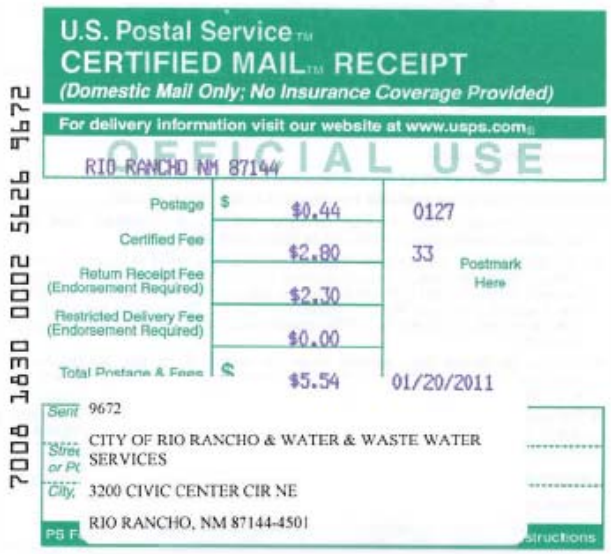

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CITY OF RIO RANCHO & WATER & WASTE WATER SERVICES
3200 CIVIC CENTER CIR NE
RIO RANCHO, NM 87144-4501
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City, Sta ALBUQUERQUE, NM 87122
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9825
KELLER REVOCABLE LIVING TRUST
202 PALACIO ROAD
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Postage $0.44 0127
Certified Fee $2.80 33
Return Receipt Fee (Endorsement Required) $2.30 Postmark Here
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Total Postage & Fees $5.54 01/20/2011
Sent To 9641
ROBERTSON, JOANN
Street, A
or PO B 601 CIELO AZUL RD
City, Sta CORRALES, NM 87048-7507
PS Form
7008 1830 0002 5626 9641

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Postage $0.44 0127
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Restricted Delivery Fee (Endorsement Required) $0.00
Total Postage & Fees $5.54 01/20/2011
Sent To 9832
MONTANO, NORMAN B. & JOSEPHINE A.
Street, A
or PO B 436 MONTANO LANE
City, Sta CORRALES, NM 87048
PS Form
7008 1830 0002 5626 9832


U.S. Postal Service
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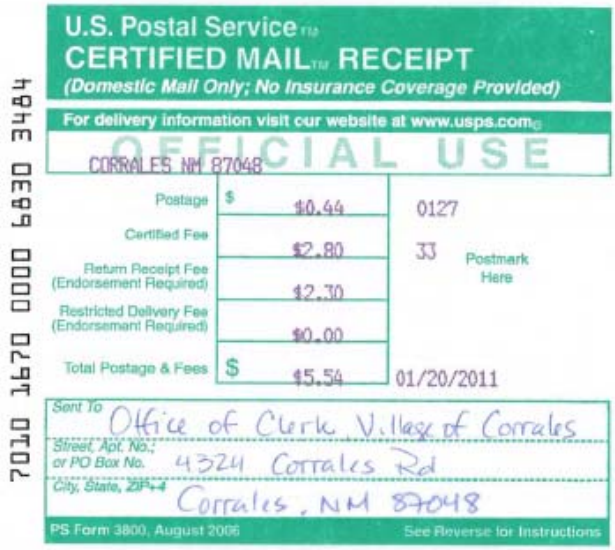
OFFICIAL USE
RIO RANCHO NM 87144
Postage $0.44
Certified Fee $2.80
Return Receipt Fee (Endorsement Required) $2.30
Restricted Delivery Fee (Endorsement Required) $0.00
Total Postage & Fees $5.54
0127
JJ
Postmark Here
01/20/2011
Sent To City Clerk, Rio Rancho
Street, Apt. No.; or PO Box No. 3200 Civic Center Circle NE
City, State, ZIP+4 Rio Rancho NM 87144
PS Form 3800, August 2006 See Reverse for Instructions
7010 1670 0000 6830 3439

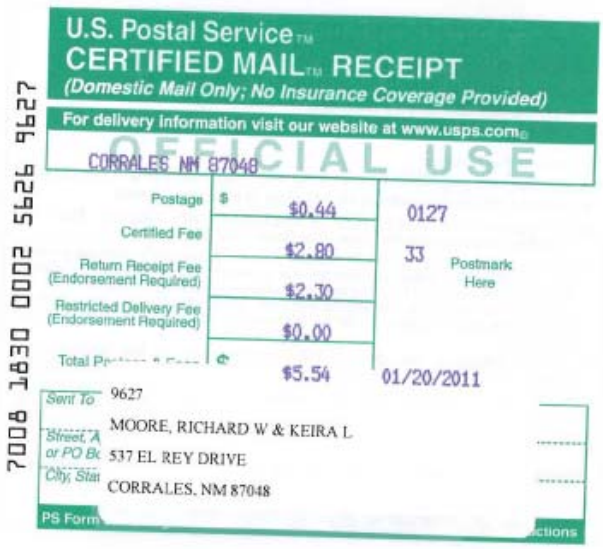

U.S. Postal Service
CERTIFIED MAIL RECEIPT
(Domestic Mail Only; No Insurance Coverage Provided)
For delivery information visit our website at www.usps.com
OFFICIAL USE
CORRALES NM 87048
Postage $0.44
Certified Fee $2.80
Return Receipt Fee (Endorsement Required) $2.30
Restricted Delivery Fee (Endorsement Required) $0.00
Total Postage & Fees $5.54
0127
JJ
Postmark Here
01/20/2011
Sent To Office of Clerk Village of Corrales
Street, Apt. No.; or PO Box No. 4324 Corrales Rd
City, State, ZIP+4 Corrales, NM 87048
PS Form 3800, August 2006 See Reverse for Instructions
7010 1670 0000 6830 3484


U.S. Postal Service
CERTIFIED MAIL RECEIPT
(Domestic Mail Only; No Insurance Coverage Provided)
For delivery information visit our website at www.usps.com
OFFICIAL USE
BERNALILLO NM 87004
Postage $0.44
Certified Fee $2.80
Return Receipt Fee (Endorsement Required) $2.30
Restricted Delivery Fee (Endorsement Required) $0.00
Total Postage & Fees $5.54
0127
JJ
Postmark Here
01/20/2011
Sent To County Clerk, Sandoval County
Street, Apt. No.; or PO Box No. 711 Camino del Pueblo
City, State, ZIP+4 Bernalillo NM 87004
PS Form 3800, August 2006 See Reverse for Instructions
7010 1670 0000 6830 3453


U.S. Postal Service
CERTIFIED MAIL RECEIPT
(Domestic Mail Only; No Insurance Coverage Provided)
For delivery information visit our website at www.usps.com
OFFICIAL USE
ALBUQUERQUE NM 87103
Postage $0.44
Certified Fee $2.80
Return Receipt Fee (Endorsement Required) $2.30
Restricted Delivery Fee (Endorsement Required) $0.00
Total Postage & Fees $5.54
0127
JJ
Postmark Here
01/20/2011
Sent To City of Environmental Health Div, Abq
Street, Apt. No.; or PO Box No. PO Box 1293
City, State, ZIP+4 Albq NM 87103
PS Form 3800, August 2006 See Reverse for Instructions
7010 1670 0000 6830 3415


U.S. Postal Service
CERTIFIED MAIL RECEIPT
(Domestic Mail Only; No Insurance Coverage Provided)
For delivery information visit our website at www.usps.com
OFFICIAL USE
ALBUQUERQUE NM 87102
Postage $0.44
Certified Fee $2.80
Return Receipt Fee (Endorsement Required) $2.30
Restricted Delivery Fee (Endorsement Required) $0.00
Total Postage & Fees $5.54
0127
JJ
Postmark Here
01/20/2011
Sent To County Clerk, Bernalillo County
Street, Apt. No.; or PO Box No. One Civic Plaza NW
City, State, ZIP+4 Albuquerque NM 87107
PS Form 3800, August 2006 See Reverse for Instructions
7010 1670 0000 6830 3446


U.S. Postal Service
CERTIFIED MAIL RECEIPT
(Domestic Mail Only; No Insurance Coverage Provided)
For delivery information visit our website at www.usps.com
OFFICIAL USE
BERNALILLO NM 87004
Postage $0.44
Certified Fee $2.80
Return Receipt Fee (Endorsement Required) $2.30
Restricted Delivery Fee (Endorsement Required) $0.00
Total Postage & Fees $5.54
0127
JJ
Postmark Here
01/20/2011
Sent To Town Clerk, Bernalillo
Street, Apt. No.; or PO Box No. PO Box 638
City, State, ZIP+4 Bernalillo NM 87004
PS Form 3800, August 2006 See Reverse for Instructions
7010 1670 0000 6830 3422


7008 1830 0002 5626 9627
U.S. Postal Service™
CERTIFIED MAIL™ RECEIPT
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For delivery information visit our website at www.usps.com®
CORRALES NM 87048
OFFICIAL USE
Postage $0.44
Certified Fee $2.80
Return Receipt Fee (Endorsement Required) $2.30
Restricted Delivery Fee (Endorsement Required) $0.00
Total $5.54
0127
JJ
Postmark Here
01/20/2011
Sent To 9627
MOORE, RICHARD W & KEIRA L
Street, A
or PO Bo 537 EL REY DRIVE
City, Stat CORRALES, NM 87048
PS Form
ctions

Updated Example Letters

March 15, 2011

Certified Mail No. Parcel # 7010 1670 0001 95365737

Return Receipt Requested

LINVER, BETTY J & JOESPH
10500 ACADEMY RD APT 304
ALBUQUERQUE, NM, 87111

Re: Intel Significant Permit Revision

To Whom it May Concern,

Intel Corporation announces its intent to apply to the New Mexico Environment Department for a revision to the air quality permit for its Rio Rancho semiconductor processing facility, Air Quality Permit #0325-M10. The application was submitted to the Air Quality Bureau on February 2, 2011. Initial notification was made January 20-24, 2011. This notice supplements the initial notification and is a requirement of the New Mexico air quality regulations.

The Intel Rio Rancho facility is located at 4100 Sara Road, Rio Rancho, NM 87124 at the southeast corner of the intersection of Sara Road SE and Rio Rancho Blvd, Rio Rancho, NM in Sandoval County.

While Intel has not announced plans to expand its New Mexico facility, Intel would like to preposition its Rio Rancho site to gain flexibility for future growth and maintain redundant emission abatement control. As part of prepositioning, Intel will be making several changes at the plant. The proposed modification, to be referred to as Fab 11Xe, consists of the installation of seven (7) thermal oxidizers, ten (10) cooling towers, one (1) boiler, three (3) ammonia treatment systems and one (1) bulk specialty solvent waste treatment system. In addition, Intel is submitting ambient air quality modeling to demonstrate that emissions from the site after the modification will not cause or contribute to an exceedance of ambient air quality standards. No change in current permitted plant site emission limits are proposed for this permit revision.

The estimated maximum quantities of any regulated air contaminants after the modification will be:

Plant Site Emissions – 12 month rolling total tons per year					
NOx	CO	VOC	Particulates TSP/PM10/PM2.5	SO2	HAPs
95.7*	94.7*	96.5*	95/95/95	95	24 (total HAPs)*

* current permitted plant site emission limit

The standard operating schedule of the plant is 24 hours per day, 7 days per week, and 52 weeks per year. The maximum operating schedule is 24 hours per day, 7 days per week, and 52 weeks per year.

The owner and/or operator of the Facility is:

Intel Corporation
Mail Stop RR5-491
4100 Sara Rd.
Rio Rancho, NM 87124-1025

EHS026

If you have any questions or comments about construction or operation of above facility, and want your comments to be made part of the permit review process, you must submit your comments in writing to the:

Program Manager, Permit Section
New Mexico Environment Department
Air Quality Bureau
1301 Siler Road, Building B
Santa Fe, New Mexico 87507-3113
Phone: (505) 476-4300

Other comments and questions may be submitted verbally.

Please refer to the company name and site name, as used in this notice or send a copy of this notice along with your comments, since the Department may not have received the permit application at the time of this notice. Once the Department has performed a preliminary review of the application and its air quality impacts, the Department's notice will be published in the legal section of a newspaper circulated near the facility location.

Sincerely,

Frank Gallegos
NM Site Environmental, Health and Safety Manager

EHS026

March 15, 2011

Certified Mail No. 7010 1670 0001 9536 6123ch
Return Receipt Requested

Office of Clerk
Village of Corrales
4324 Corrales Road
Corrales, NM 87048

Re: Intel Significant Permit Revision

To Whom it May Concern,

Intel Corporation announces its intent to apply to the New Mexico Environment Department for a revision to the air quality permit for its Rio Rancho semiconductor processing facility, Air Quality Permit #0325-M10. The application was submitted to the Air Quality Bureau on February 2, 2011. Initial notification was made January 20-24, 2011. This notice supplements the initial notification and is a requirement of the New Mexico air quality regulations.

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Plant Site Emissions – 12 month rolling total tons per year					
NOx	CO	VOC	Particulates TSP/PM10/PM2.5	SO2	HAPs
95.7*	94.7*	96.5*	95/95/95	95	24 (total HAPs)*

* current permitted plant site emission limit

The standard operating schedule of the plant is 24 hours per day, 7 days per week, and 52 weeks per year. The maximum operating schedule is 24 hours per day, 7 days per week, and 52 weeks per year.

The owner and/or operator of the Facility is:

Intel Corporation
Mail Stop RR5-491
4100 Sara Rd.
Rio Rancho, NM 87124-1025

EHS026

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Program Manager, Permit Section
New Mexico Environment Department
Air Quality Bureau
1301 Siler Road, Building B
Santa Fe, New Mexico 87507-3113
Phone: (505) 476-4300

Other comments and questions may be submitted verbally.

Please refer to the company name and site name, as used in this notice or send a copy of this notice along with your comments, since the Department may not have received the permit application at the time of this notice. Once the Department has performed a preliminary review of the application and its air quality impacts,the Department's notice will be published in the legal section of a newspaper circulated near the facility location.

Sincerely,

Frank Gallegos
NM Site Environmental, Health and Safety Manager

EHS026

Updated General Posting of Notices – Certification

I, Andrew D. Moen, the undersigned, certify that on March 18, 2011, I posted a true and correct copy of the attached Public Notice in the following publicly accessible and conspicuous places in the City of Rio Rancho and the Village of Corrales of Sandoval County, State of New Mexico on the following dates:

1) Facility entrance, March 18, 2011

2) Rio Rancho Senior Center, March 18, 2011

3) Rio Rancho Public Library, March 18, 2011

4) Corrales Senior Center, March 18, 2011

5) Corrales Village Offices, March 18, 2011

6) Flying Star Restaurant (corner of Coors & Alameda), March 18, 2011

7) Corrales Public Library, March 18, 2011

Signed this 18 day of March, 2011,

Andrew D Moen

Signature

March 18, 2011

Date

Andrew D. Moen

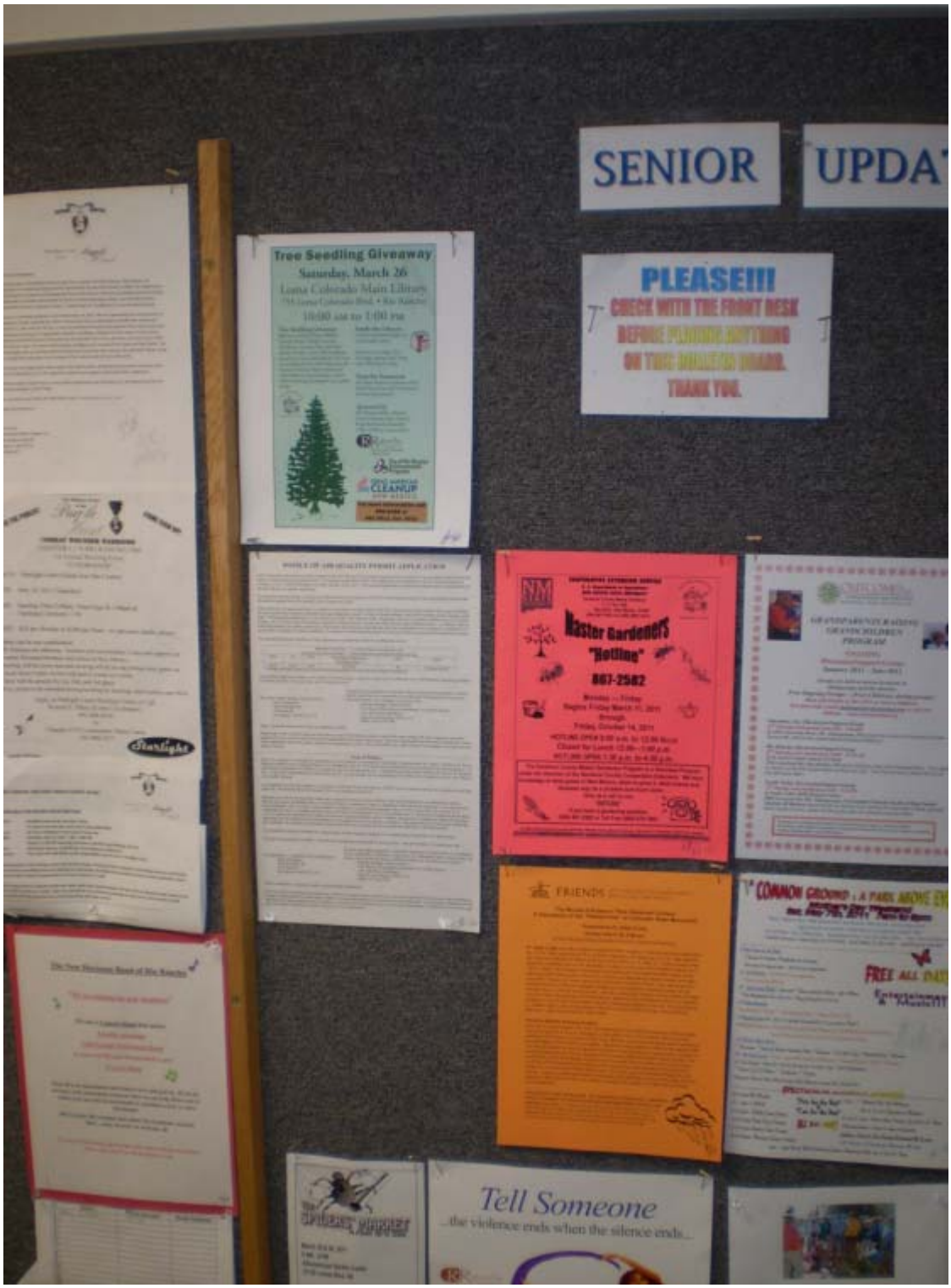
Printed Name

Environmental Engineer, Intel

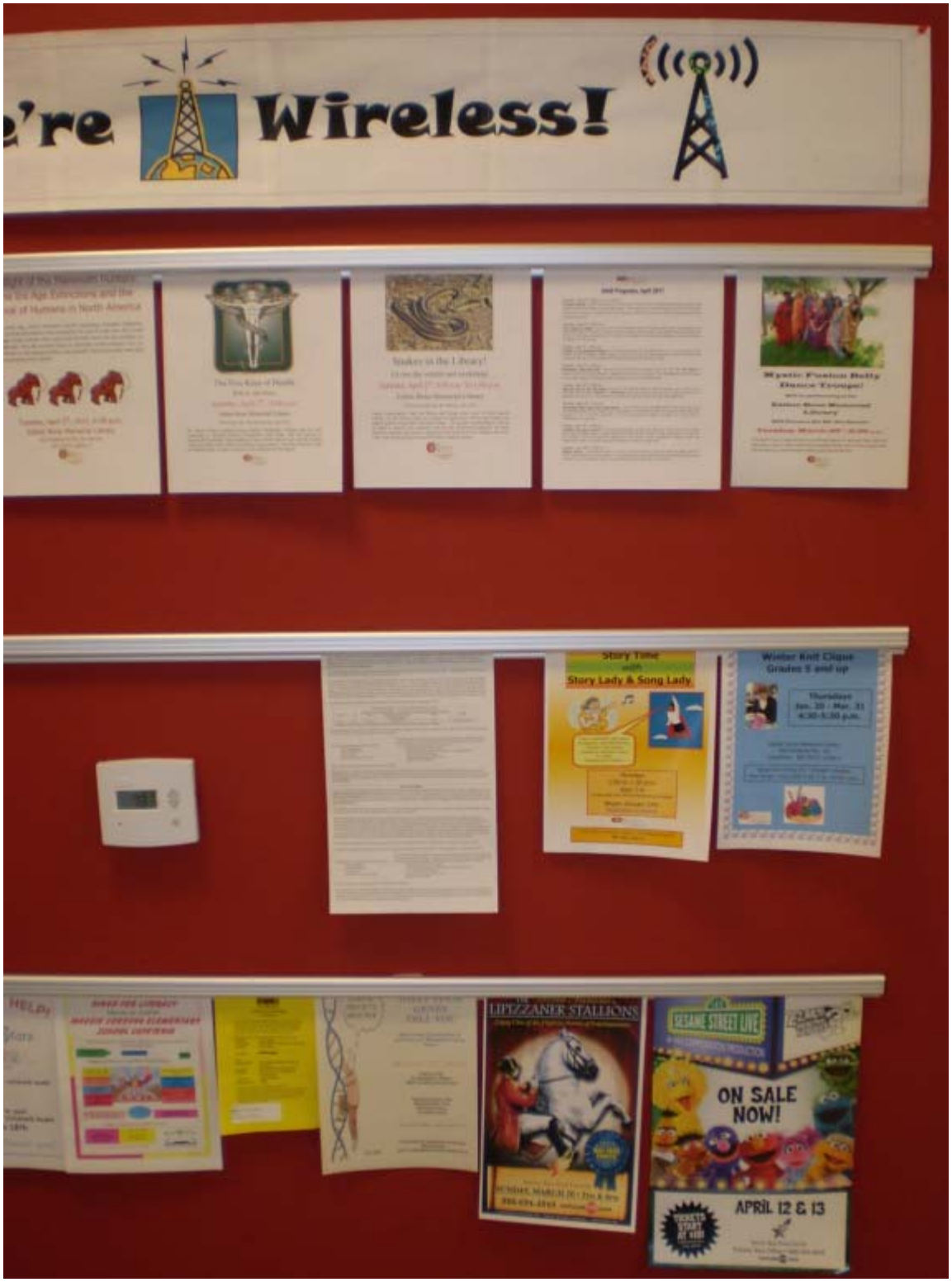
Title

1) Facility entrance, March 18, 2011

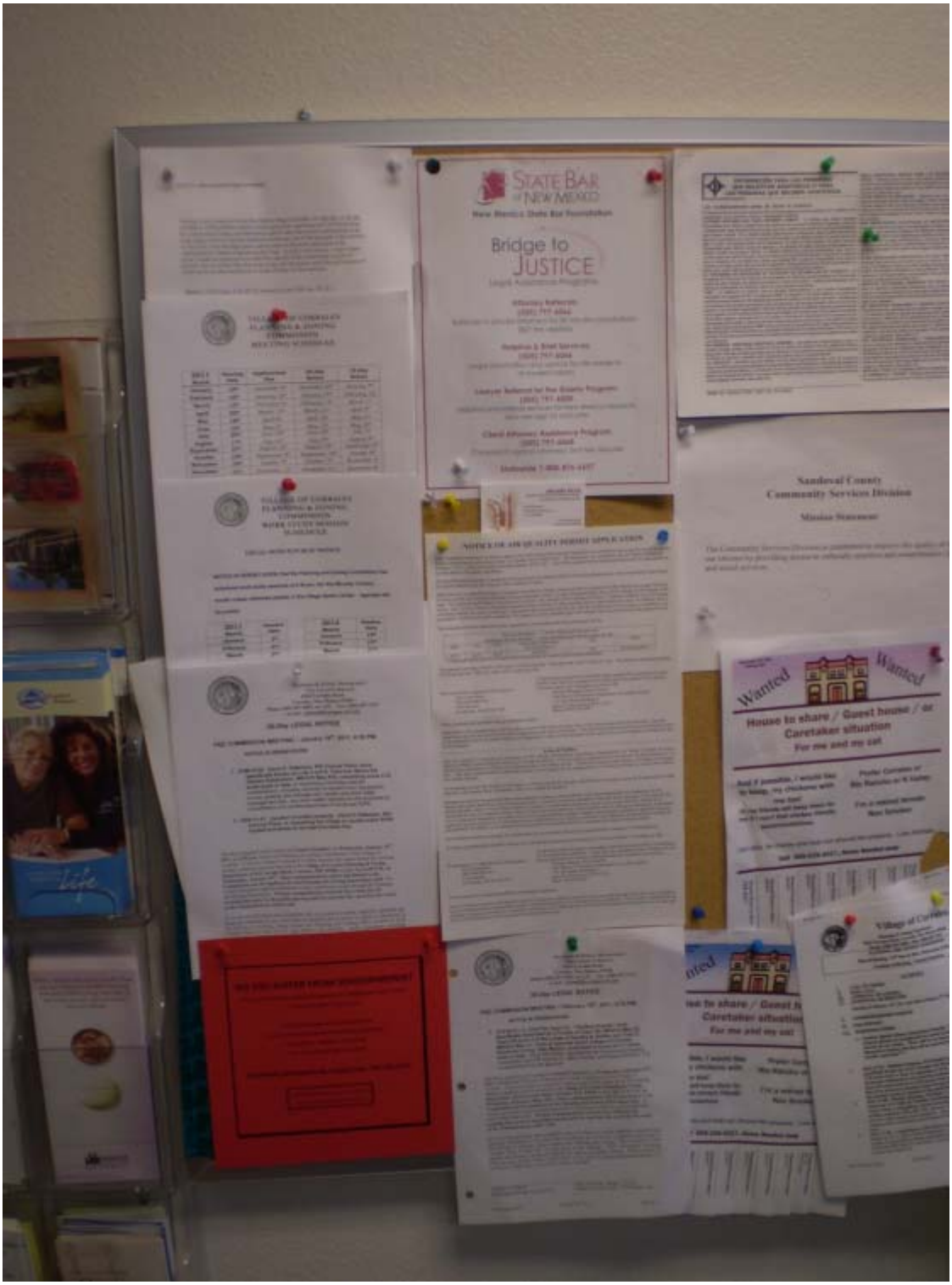
2) Rio Rancho Senior Center, March 18, 2011



3) Rio Rancho Public Library, March 18, 2011

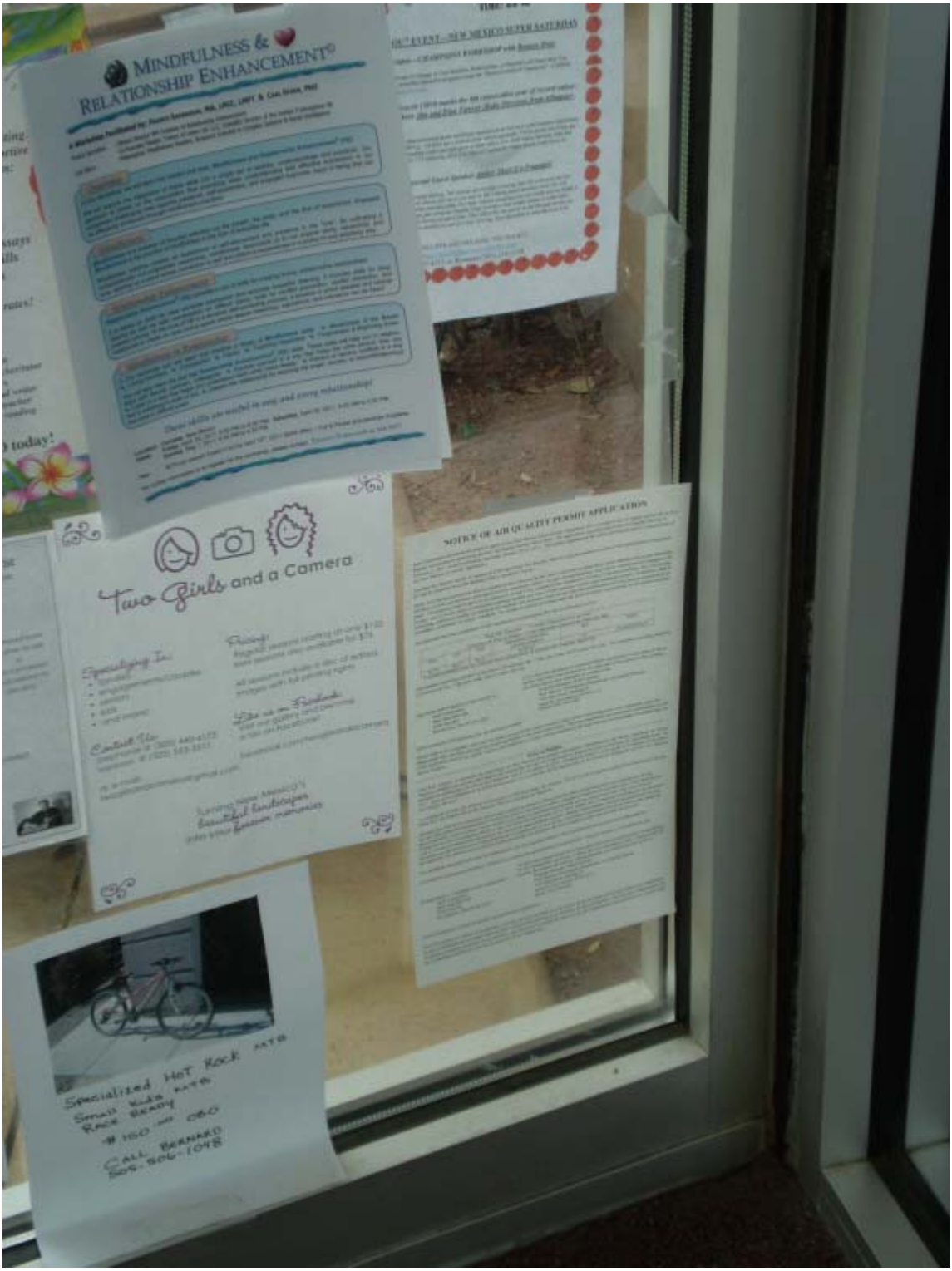


4) Corrales Senior Center, March 18, 2011

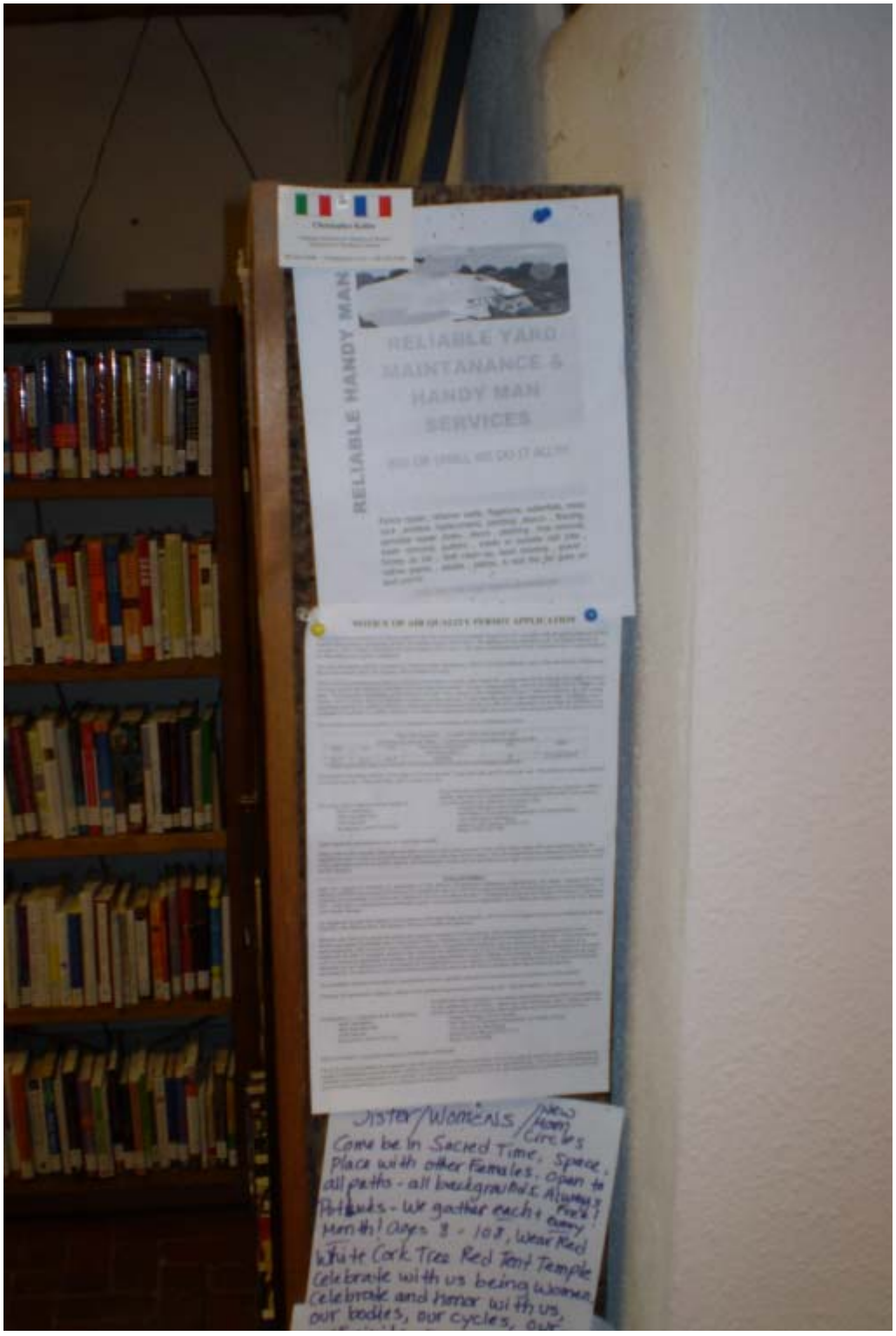


5) Corrales Village Offices, March 18, 2011

6) Flying Star Restaurant (corner of Coors & Alameda), March 18, 2011



7) Corrales Public Library, March 18, 2011



Update Public Notice Posted

NOTICE OF AIR QUALITY PERMIT APPLICATION

Intel Corporation announces its intent to apply to the New Mexico Environment Department for a revision to the air quality permit for its Rio Rancho semiconductor processing facility, Air Quality Permit #0325-M10. The application was submitted to the Air Quality Bureau on February 2, 2011. Initial notification was made January 20-24, 2011. This notice supplements the initial notification and is a requirement of the New Mexico air quality regulations.

The Intel Rio Rancho facility is located at 4100 Sara Road, Rio Rancho, NM 87124 at the southeast corner of the intersection of Sara Road SE and Rio Rancho Blvd, Rio Rancho, NM in Sandoval County.

While Intel has not announced plans to expand its New Mexico facility, Intel would like to preposition its Rio Rancho site to gain flexibility for future growth and maintain redundant emission abatement control. As part of prepositioning, Intel will be making several changes at the plant. The proposed modification, to be referred to as Fab 11Xe, consists of the installation of seven (7) thermal oxidizers, ten (10) cooling towers, one (1) boiler, three (3) ammonia treatment systems and one (1) bulk specialty solvent waste treatment system. In addition, Intel is submitting ambient air quality modeling to demonstrate that emissions from the site after the modification will not cause or contribute to an exceedance of ambient air quality standards. No change in current permitted plant site emission limits are proposed for this permit revision.

The estimated maximum quantities of any regulated air contaminants after the modification will be:

Plant Site Emissions – 12 month rolling total tons per year Emisiones de Sitio de Planta – 12 mes toneladas acumulativas totales por año					
NOx	CO	VOC	Particulates (Particulas) TSP/PM10/PM2.5	SO2	HAPs
95.7*	94.7*	96.5*	95/95/95	95	24 (total HAPs)*

* current permitted plant site emission limit (actual límite de emisión del complejo industrial)

The standard operating schedule of the plant is 24 hours per day, 7 days per week, and 52 weeks per year. The maximum operating schedule is 24 hours per day, 7 days per week, and 52 weeks per year.

The owner and/or operator of the Facility is:
Intel Corporation
Mail Stop RR5-491
4100 Sara Rd.
Rio Rancho, NM 87124-1025

If you have any questions or comments about construction or operation of above facility, and want your comments to be made part of the permit review process , you must submit your comments in writing to the:
Program Manager, Permit Section
New Mexico Environment Department, Air Quality Bureau
1301 Siler Road, Building B
Santa Fe, New Mexico 87507-3113
Phone: (505) 476-4300

Other comments and questions may be submitted verbally.

Please refer to the company name and site name, as used in this notice or send a copy of this notice along with your comments, since the Department may not have received the permit application at the time of this notice. Once the Department has performed a preliminary review of the application and its air quality impacts, the Department's notice will be published in the legal section of a newspaper circulated near the facility location.

Aviso al Publico

Intel S.A. anuncia la intención de presentarse al New Mexico Environment Department (Departamento del Medio Ambiente de Nuevo México) (NMED) una revisión del Permiso De Calidad De Aire No. 0325-M10 para su instalacíon de procesamiento de semiconductores. La solicitud fue presentada a la Oficina de Calidad de Aire el 2 de febrero de 2011. Notificación inicial se hizo deside el 20 hasta el 24 de enero, 2011. Este aviso complementa la notificación inicial y es un requisito de los reglamentos de la Oficina de Calidad de Aire de New Mexico (Air Quality Bureau).

La instalación de Intel Rio Rancho se encuentra a 4100 Sara Road, Rio Rancho, NM 87124 en la esquina sureste de la intersección de Sara Road SE y Rio Rancho Blvd, Rio Rancho, NM, en el condado de Sandoval.

Mientras que Intel no ha anunciado planes para expandir su planta en Nueva México, Intel quiere preposición sus instalaciones de Río Rancho para ganar flexibilidad para el crecimiento futuro y mantener el control redundantes reducción de las emisiones. Como parte de pre-posicionamiento, Intel va a hacer varios cambios a la planta. La modificación propuesta, que se conoce como Fab11Xe, consiste en la instalación de siete (7) oxidantes térmicos, diez (10) torres de enfriamiento, un (1) de la caldera,

tres (3) sistemas de tratamiento de amoníaco y un (1) sistema de tratamiento de residuos de solvente de especialidades a granel. Además, Intel presenta modelos de calidad del aire para demostrar que las emisiones en el sitio después de la modificación no va a causar o contribuir a una superación de las normas de calidad del aire ambiente. No cambios en los actuales límites permitidos de emisiones del sitio se proponen para esta revisión del permiso.

Las cantidades máximas estimadas de contaminantes del aire regulados después de la modificación se muestran en la tabla anterior.

El horario de operaciones estándar y máximo de la instalación permanecerá 24 horas por día, 7 días por semana y 52 semanas por año.

El propietario y / u operador de las instalaciones:

Intel Corporation
Mail Stop RR5-491
4100 Sara Rd.
Rio Rancho, NM 87124-1025

Si usted tiene alguna pregunta o comentario acerca de la construcción o la explotación de las instalaciones anteriores, y desea que sus comentarios sean a formar parte del proceso del examen del permiso, deberá presentar sus comentarios por escrito a:

Program Manager, Permit Section
New Mexico Environment Department, Air Quality Bureau
1301 Siler Road, Building B
Santa Fe, New Mexico 87507-3113
Phone: 505-476-4300

Otros comentarios y preguntas pueden ser presentadas verbalmente.

Favor de refirirse al nombre de la empresa y del sitio, tal como se utiliza en este aviso o envie una copia de este aviso junto a sus comentarios, ya que el Departamento no puede haber recibido a solicitud del permiso en el momento de esta notificación. Una vez que el Departamento ha realizado un examen preliminar de la solicitud y sus efectos en la calidad del aire, el aviso del Departamento se publicará en la sección legal de un periódico distribuido cerca de la ubicación de las instalaciones.

Updated Newspaper Notices

NOTICE OF AIR QUALITY PERMIT APPLICATION

Intel Corporation announces its intent to apply to the New Mexico Environment Department for a revision to the air quality permit for its Rio Rancho semiconductor processing facility, Air Quality Permit #0325-M10. The application was submitted to the Air Quality Bureau on February 2, 2011. Initial notification was made January 20th, 2011. This notice supplements the initial notification and is a requirement of the New Mexico air quality regulations.

The Intel Rio Rancho facility is located at 4100 Sara Road, Rio Rancho, NM 87124 at the southwest corner of the intersection of Sara Road SE and Rio Rancho Blvd, Rio Rancho, NM in Sandoval County.

While Intel has not announced plans to expand its New Mexico facility, it is prudent for us to propose to the Rio Rancho site to get flexibility for future growth and maintain redundant emission abatement control. As part of preparing Intel will be making several changes at the plant. The proposed modification, to be referred to as Fab 11Ex, consists of the installation of seven (7) thermal oxidizers, ten (10) cooling towers, one (1) boiler, three (3) ammonia treatment systems and one (1) bulk specialty solvent waste treatment system. In addition, Intel is submitting ambient air quality modeling to demonstrate that emissions from the site after the modification will not cause or contribute to an exceedance of ambient air quality standards. No change in current permitted plant site emission limits are proposed for this permit revision.

The proposed maximum quantities of any regulated air contaminants after the modification will be:

Plant Site Emissions - 12 month rolling total limits (in tons per year)
Emisiones de Sitio de Planta - límite totales acumulativos (toneladas por año
NOx
95.7*
CO
94.7*
VOC
24.5*
Particulates (Particulate)
TSP/PM10/PM2.5
89/89/89
SO2
55
HAPs
24 (Total) / Any
* current permitted plant site emission limit (active limits at proposed old college industrial)

The standard operating schedule of the plant is 24 hours per day, 7 days per week, and 52 weeks per year. The maximum operating schedule is 24 hours per day, 7 days per week, and 52 weeks per year.

The owner and/or operator of the Facility is:
Intel Corporation
Mail Stop HF3-401
4100 Sara Rd
Rio Rancho, NM 87124-1026

If you have any questions or comments about construction or operation of above facility, and want your comments to be made part of the permit review process, you must submit your comments in writing to the:
Program Manager, Permit Section
New Mexico Environment Department
Air Quality Bureau
1301 Siler Road, Building B
Santa Fe, New Mexico
87507-3113
Phone: (505) 476-4300

Other comments and questions may be submitted verbally.

Please refer to the complete name and site name, as used in this notice of send a copy of this notice along with your comments. Since the Department may not have received the permit application at the time of this notice. Upon the De-

STATE OF NEW MEXICO
County of Bernalillo SS

Linda MacEachen, being duly sworn, declares and says that she is Classified Advertising Manager of **The Albuquerque Journal**, and that this newspaper is duly qualified to publish legal notices or advertisements within the meaning of Section 3, Chapter 167, Session Laws of 1937, and that payment therefore has been made of assessed as court cost; that the notice, copy of which is hereto attached, was published in said paper in the regular daily edition, for 1 times, the first publication being on the 18 day of March, 2011, and the subsequent consecutive publications on _____, 20_____

Linda MacEachen

Sworn and subscribed before me, a Notary Public, in and for the County of Bernalillo and State of New Mexico this 18 day of March of 20 11.

PRICE $ 163.13

Statement to come at end of month.

ACCOUNT NUMBER C-81219

CLA-22-A (R-1/93)

the legal section of a newspaper circulated near the facility location.

Aviso al Publico

Intel S.A. anuncia la intencion de presentarse al New Mexico Environment Department (Departamento del Medio Ambiente de Nuevo Mexico) (NMED) una revision del Permiso De Calidad De Aire No. 0325-M10 para su instalacion de procesamiento de semiconductores. La solicitud fue presentada a la Oficina de Calidad de Aire el 2 de febrero de 2011. Notificacion inicial se hizo desde el 20 hasta el 24 de enero, 2011. Este aviso complementa la notificacion inicial y es un requisito de los reglamentos de la Oficina de Calidad de Aire de New Mexico (Air Quality Bureau).

La instalacion de Intel Rio Rancho se encuentra a 4100 Sara Road, Rio Rancho, NM 87124 en la esquina sureste de la interseccion de Sara Road SE y Rio Rancho Blvd, Rio Rancho, NM, en el condado de Sandoval.

Mientras que Intel no ha anunciado planes para expandir su planta en Nueva Mexico, Intel quiere preposicion sus instalaciones de Rio Rancho para ganar flexibilidad para el crecimiento futuro y mantener el control redundantes reduccion de las emisiones. Como parte de pre-posicionamiento, Intel va a hacer varios cambios a la planta. La modificacion propuesta, que se conoce como Fab11Xe, consiste en la instalacion de siete (7) oxidantes termicos, diez (10) torres de enfriamiento, un (1) de la caldera, tres (3) sistemas de tratamiento de amoniaco y un (1) sistema de tratamiento de residuos de solvente de especialidades a granel. Ademas, Intel presenta modelos de calidad del aire para demostrar que las emisiones en el sitio despues de la modificacion no va a causar o contribuir a una superacion de las normas de calidad del aire ambiente. No cambios en los actuales limites permitidos de emisiones del sitio se proponen para esta revision del permiso.

Las cantidades maximas estimadas de contaminantes del aire regulados despues de la modificacion se muestran en la tabla anterior.

El horario de operaciones estandar y maximo de la instalacion permanecera 24 horas por dia, 7 dias por semana y 52 semanas por ano.

El propietario y / u operador de las instalaciones:
Intel Corporation
Mail Stop RR5-491
4100 Sara Rd.
Rio Rancho, NM 87124-1025

Si usted tiene alguna pregunta o comentario acerca de la construccion o la explotacion de las instalaciones anteriores, y desea que sus comentarios sean a formar parte del proceso del examen del permiso, debera presentar sus comentarios por escrito a:
Program Manager, Permit Section
New Mexico Environment Department, Air Quality Bureau
1301 Siler Road, Building B
Santa Fe, New Mexico
87507-3113
Phone: 505-476-4300

Otros comentarios y preguntas pueden ser presentadas verbalmente.

Favor de referirse al nombre de la empresa y del sitio, tal como se utiliza en este aviso o envie una copia de este aviso junto a sus comentarios, ya que el Departamento no puede haber recibido a solicitud del permiso en el momento de esta notificacion. Una vez que el Departamento ha realizado un examen preliminar de la solicitud y sus efectos en la calidad del aire, el aviso del Departamento se publicara en la seccion legal de un periodico distribuido cerca de la ubicacion de las instalaciones.
Journal: March 18, 2011.

RIO RANCHO OBSERVER • RROBSERVER.COM Classifieds SUNDAY, MARCH 20, 2011 PAGE 23

NOTICE OF AIR QUALITY PERMIT APPLICATION

Intel Corporation announces its intent to apply to the New Mexico Environment Department for a revision to the air quality permit for its Rio Rancho semiconductor processing facility, Air Quality Permit #0325-M10. The application was submitted to the Air Quality Bureau on February 2, 2011. Initial notification was made January 20-24, 2011. This notice supplements the initial notification and is a requirement of the New Mexico air quality regulations.

The Intel Rio Rancho facility is located at 4100 Sara Road, Rio Rancho, NM 87124 at the southeast corner of the intersection of Sara Road SE and Rio Rancho Blvd, Rio Rancho, NM in Sandoval County.

While Intel has not announced plans to expand its New Mexico facility, Intel would like to preposition its Rio Rancho site to gain flexibility for future growth and maintain redundant emission abatement control. As part of prepositioning, Intel will be making several changes at the plant. The proposed modification, to be referred to as Fab 11Xe, consists of the installation of seven (7) thermal oxidizers, ten (10) cooling towers, one (1) boiler, three (3) ammonia treatment systems and one (1) bulk specialty solvent waste treatment system. In addition, Intel is submitting ambient air quality modeling to demonstrate that emissions from the site after the modification will not cause or contribute to an exceedance of ambient air quality standards. No change in current permitted plant site emission limits are proposed for this permit revision.

The estimated maximum quantities of any regulated air contaminants after the modification will be:

Plant Site Emissions – 12 month rolling total tons per year Emisiones de Sitio de Planta – 12 mes toneladas acumulativas totales por año					
NOx	CO	VOC	Particulates (Particulas) TSP/PM10/PM2.5	SO2	HAPs
95.7*	94.7*	96.5*	95/95/95	95	24 (total HAPs)*

* current permitted plant site emission limit (actual límite de emisión del complejo industrial)

The standard operating schedule of the plant is 24 hours per day, 7 days per week, and 52 weeks per year. The maximum operating schedule is 24 hours per day, 7 days per week, and 52 weeks per year.

The owner and/or operator of the Facility is:
Intel Corporation
Mail Stop RR5-491
4100 Sara Rd.
Rio Rancho, NM 87124-1025

If you have any questions or comments about construction or operation of above facility, and want your comments to be made part of the permit review process , you must submit your comments in writing to the:
Program Manager, Permit Section
New Mexico Environment Department, Air Quality Bureau
1301 Siler Road, Building B
Santa Fe, New Mexico 87507-3113
Phone: (505) 476-4300

Other comments and questions may be submitted verbally.

Please refer to the company name and site name, as used in this notice or send a copy of this notice along with your comments, since the Department may not have received the permit application at the time of this notice. Once the Department has performed a preliminary review of the application and its air quality impacts, the Department's notice will be published in the legal section of a newspaper circulated near the facility location.

Aviso al Publico

Intel S.A. anuncia la intención de presentarse al New Mexico Environment Department (Departamento del Medio Ambiente de Nuevo México) (NMED) una revisión del Permiso De Calidad De Aire No. 0325-M10 para su instalacíon de procesamiento de semiconductores. La solicitud fue presentada a la Oficina de Calidad de Aire el 2 de febrero de 2011. Notificación inicial se hizo deside el 20 hasta el 24 de enero, 2011. Este aviso complementa la notificación inicial y es un requisito de los reglamentos de la Oficina de Calidad de Aire de New Mexico (Air Quality Bureau).

La instalación de Intel Rio Rancho se encuentra a 4100 Sara Road, Rio Rancho, NM 87124 en la esquina sureste de la intersección de Sara Road SE y Rio Rancho Blvd, Rio Rancho, NM, en el condado de Sandoval.

Mientras que Intel no ha anunciado planes para expandir su planta en Nueva México, Intel quiere preposición sus instalaciones de Río Rancho para ganar flexibilidad para el crecimiento futuro y mantener el control redundantes reducción de las emisiones. Como parte de pre-posicionamiento, Intel va a hacer varios cambios a la planta. La modificación propuesta, que se conoce como Fab11Xe, consiste en la instalación de siete (7) oxidantes térmicos, diez (10) torres de enfriamiento, un (1) de la caldera, tres (3) sistemas de tratamiento de amoníaco y un (1) sistema de tratamiento de residuos de solvente de especialidades a granel. Además, Intel presenta modelos de calidad del aire para demostrar que las emisiones en el sitio después de la modificación no va a causar o contribuir a una superación de las normas de calidad del aire ambiente. No cambios en los actuales límites permitidos de emisiones del sitio se proponen para esta revisión del permiso.

Las cantidades máximas estimadas de contaminantes del aire regulados después de la modificación se muestran en la tabla anterior.

El horario de operaciones estándar y máximo de la instalación permanecerá 24 horas por día, 7 días por semana y 52 semanas por año.

El propietario y / u operador de las instalaciones:
Intel Corporation
Mail Stop RR5-491
4100 Sara Rd.
Rio Rancho, NM 87124-1025

Si usted tiene alguna pregunta o comentario acerca de la construcción o la explotación de las instalaciones anteriores, y desea que sus comentarios sean a formar parte del proceso del examen del permiso, deberá presentar sus comentarios por escrito a:
Program Manager, Permit Section
New Mexico Environment Department, Air Quality Bureau
1301 Siler Road, Building B
Santa Fe, New Mexico 87507-3113
Phone: 505-476-4300

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Favor de refirirse al nombre de la empresa y del sitio, tal como se utiliza en este aviso o envie una copia de este aviso junto a sus comentarios, ya que el Departamento no puede haber recibido a solicitud del permiso en el momento de esta notificación. Una vez que el Departamento ha realizado un examen preliminar de la solicitud y sus efectos en la calidad del aire, el aviso del Departamento se publicará en la sección legal de un periódico distribuido cerca de la ubicación de las instalaciones.

Letters

From Page 6

we need support from the City of Rio Rancho and the support from the Rio Rancho school district for a place to rehearse and perform their very unique concerts. Do not let this musical treasure slip away from Rio Rancho. Please support the Rio Rancho Symphonic Band.

Tom Carter
Rio Rancho

Mayor

From Page 6

addition, such a provision is likely to make most, if not all, such redevelopments not financially viable in this state and city, in view of the magnitude of the problem.

Texas' Urban Renewal law, and its constitutional amendments in 2009 regarding the use of eminent domain, appear to make the use of such in Texas only viable for particular parcels of property, and therefore would not be remotely applicable to the massive problem Rio Rancho faces.

Finally, in general there are fairly common provisions for voluntary lot line replats, which have no value or relevance to the problem at hand.

In sum, we found no magic bullet that would address the uniqueness and magnitude of the antiquated platting problem we have in Rio rancho, even though we looked beyond the states referred to us by several of the stakeholders. I would note that no specific citations, references or examples were provided to us, only general comments. In this end, we have determined that the problem of antiquated platting in the city can only be addressed by the power of eminent domain. I use the word power, because, as we have stated on numerous occasions, the use of eminent domain is always a last resort; but without its existence we simply cannot grow as a city. The issue is antiquated platting as described in the MRA definition of "blight." Drainage, erosion and flooding are simply tangential, and the use of eminent domain to address only those specific issues is rarely, if ever, needed.

I thank you and the Committee members for their time and consideration in addressing this critical issue facing the city of Rio Rancho.

Sincerely,
Thomas E. Swisstack, Mayor

Gun-happy Arizona lawmakers different from N.M.

Inside the Capitol

Jay Miller

If you've ever had misgivings about the New Mexico Legislature, here's a look at the Arizona Legislature that might make you feel better.

Arizona is a little over halfway through its legislative session — maybe. If they don't finish in time, they just keep going or they start calling special sessions. As in New Mexico, the budget hasn't been discussed much. It's just a matter of lining up the votes behind the scenes and getting it passed.

The budget is important, of course, but other matters are even more important — such as which federal laws to follow and which to ignore. Such a measure has passed the Arizona Senate and is being considered by the House. The bill would establish a Joint Committee on Nullification of Federal Laws to recommend which statutes, mandates and executive orders the state wants to not recognize.

Another approach to skirting federal law is to enter into compacts with other states on controversial issues. Interstate compacts do exist in the areas of water regulation, waste disposal and power use. The compacts require federal approval, which has been granted in over 200 instances but not in situations such as immigration and health care, which are Arizona's biggest concerns.

And while Arizona searches for ways to exert its state sovereignty over the federal government, it also looks for ways to take all power possible from local governments. I have just been perusing a weekly report from the Arizona League of Cities and Towns.

Almost all its legislative priorities involve fighting off efforts by the Legislature to take away local powers. In contrast, reports from the New Mexico Municipal League are filled with proactive initiatives.

Some of those state mandates to local governments include a bill to require higher education institutions to allow guns on campus. The bill has passed the state Senate. Another measure would allow guns in public establishments and events, including ball games. It also has passed the Senate.

The Arizona Senate is making quite a name for itself. It also has passed a bill to make the Colt single-action revolver the official state gun. The bill was pushed hard by Colt lobbyists. It would make Arizona the first state with an official gun and possibly the first state to award a commercial enterprise official recognition.

The Arizona Senate is making quite a name for itself. It also has passed a bill to make the Colt single-action revolver the official state gun. The bill was pushed hard by Colt lobbyists. It would make Arizona the first state with an official gun and possibly the first state to award a commercial enterprise official recognition.

Also passing the Arizona Senate is a bill proposing to create an official state Tea Party license plate. Arizona has more than 80 state license plates to benefit charities. This would be the first plate to benefit an organization other than a charity.

The Arizona Senate is making a name for itself in the game of creative lawmaking. These bills still have to pass the House and be signed by the governor, but since all of them are controlled by the same party, there is a chance some of them may become law.

The impetus for much of this creativity comes from Senate President Russell Pearce, a Mesa Republican. In Arizona, the Senate president is not the lieutenant governor. Arizona doesn't have such an office. The Senate president has all the powers of a House speaker.

Sen. Pearce rules with an iron hand and sometimes is referred to as Gov. Pearce. He has, at least temporarily, saved the political life of Scott Bundgaard, the majority leader of the state Senate. Bundgaard and his girlfriend got in a fist fight on the side of a downtown Phoenix freeway. The police arrived to find that both of them had landed some good punches.

The girlfriend was arrested and taken to jail. Bundgaard invoked legislative immunity and went home. Many of his fellow lawmakers called for his ouster, at least as majority leader. A majority of Senate Republicans were said to want him to step down as their floor leader. But after a caucus presided over by Pearce, Bundgaard retained his leadership position, at least for now.

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95.7*	94.7*	96.5*	95/95/95	95	24 (total HAPs)*
* current permitted plant site emission limit (actual límite de emisión del complejo industrial)					

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The owner and/or operator of the Facility is:
Intel Corporation
Mail Stop RRS-4/91
4100 Sara Rd.
Rio Rancho, NM 87124-1025

If you have any questions or comments about construction or operation of above facility, and want your comments to be made part of the permit review process, you must submit your comments in writing to the:

Program Manager, Permit Section
New Mexico Environment Department, Air Quality Bureau
1301 Siler Road, Building B
Santa Fe, New Mexico 87507-3113
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AVISO AL PUBLICO

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Las cantidades máximas estimadas de contaminantes del aire regulados después de la modificación se muestran en la tabla anterior.

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Total Postage & Fees $5.54 03/15/2011
Sent To BRUCE, ROBERT W & TEDDIE C
Street, Apt. No. or PO Box No. 3 HOP TREE TRL
City, State, ZIP+4 CORRALES, NM 87048
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7010 1670 0001 9536 5836


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U.S. Postal Service
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WASTE WATER SERVICES
Street, Apt. No. or PO Box No. 3200 CIVIC CENTER CIR NE
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87144-4501
PS Form 3800
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Street, Apt. No. or PO Box No. 3777 THE AMERICAN RD NW STE 100
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PS Form 3800
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CORRALES NM 87048
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Return Receipt Fee (Endorsement Required) $2.30
Restricted Delivery Fee (Endorsement Required) $0.00
Total Postage & Fees $5.54 03/15/2011
Sent To MONTANO, NORMAN B. & JOSEPHINE A.
Street, Apt. No. or PO Box No. 436 MONTANO LANE
City, State, ZIP+4 CORRALES, NM
87048
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7010 1670 0001 9536 5874


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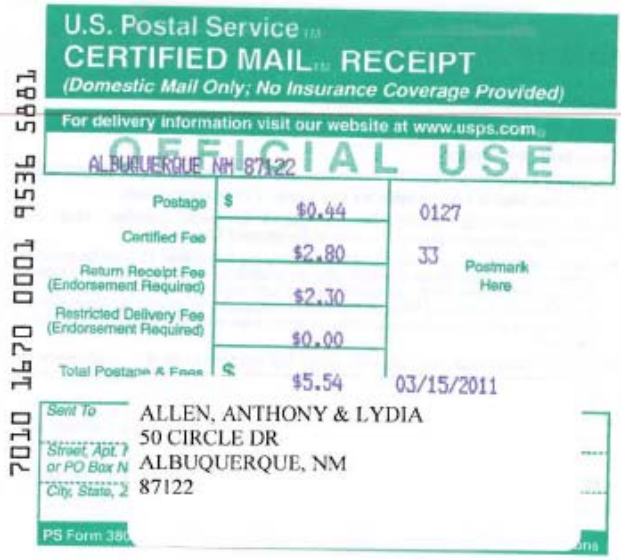
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87048
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City, State, ZIP+4 CORRALES, NM 87048-9627
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PO BOX 2231
CORRALES, NM
87048-2231


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87048


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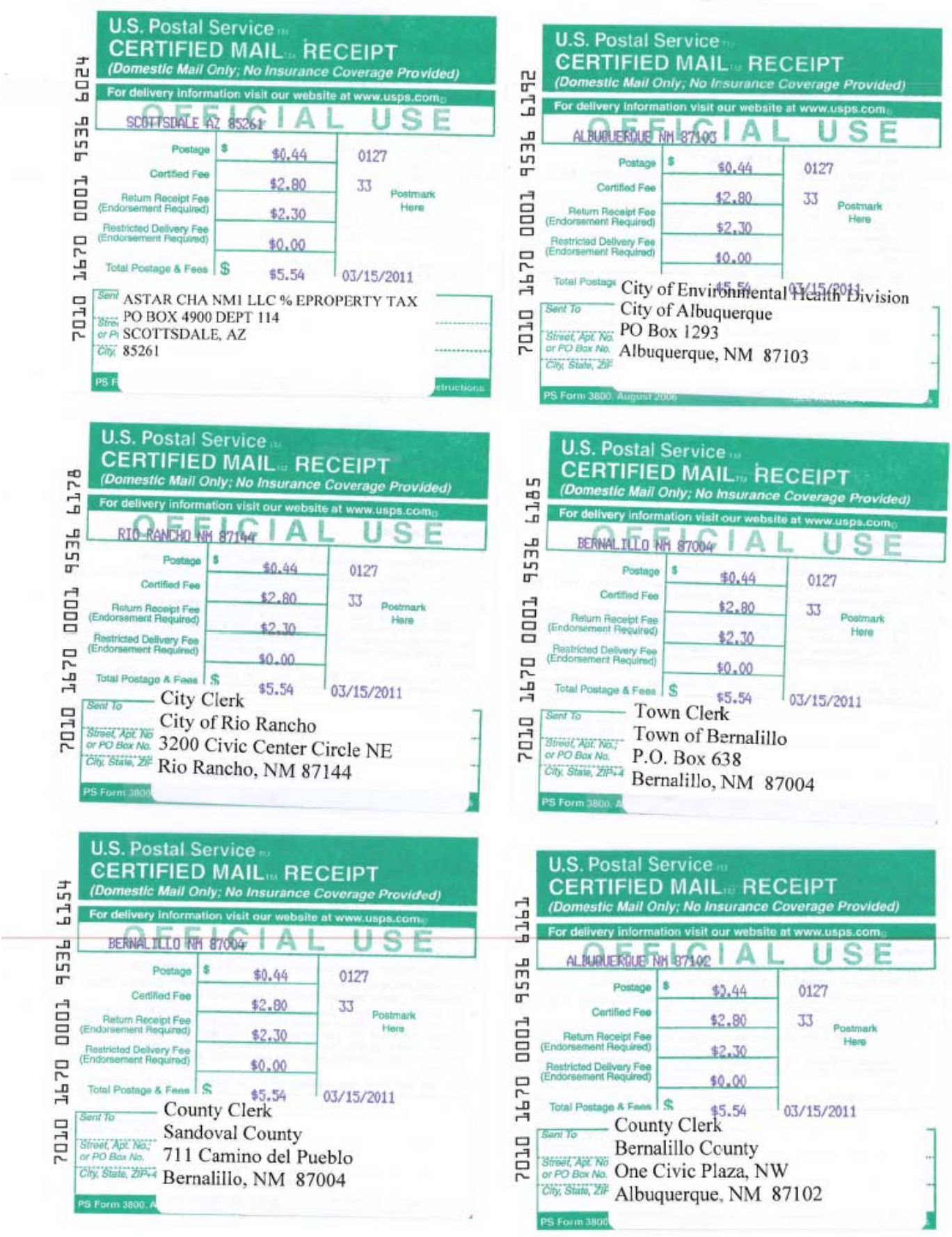
87106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85261
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City of Albuquerque
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3200 Civic Center Circle NE
Rio Rancho, NM 87144
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Bernalillo, NM 87004
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Albuquerque, NM 87102
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City, State, ZIP+4
Bernalillo, NM 87004
PS Form 3800, Aug
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City, State,
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PS Form
7010 1670 0001 9536 6130


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or PO Box No.
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4324 Corrales Road
City, State, ZI
Corrales, NM 87048
PS Form 3800
7010 1670 0001 9536 6123

Section 10

Written Description of the Routine Operations of the Facility

---

A written description of the routine operations of the facility. Include a description of how each piece of equipment will be operated, how controls will be used, and the fate of both the products and waste generated. For modifications and/or revisions, explain how the changes will affect the existing process. In a separate paragraph describe the major process bottlenecks that limit production. The purpose of this description is to provide sufficient information about plant operations for the permit writer to determine appropriate emission sources.

Intel's Rio Rancho, New Mexico facility uses silicon wafers to manufacture semi-conductor chips for use in the computer industry. The facility consists of buildings in which chips are manufactured (Fabrication Facilities, or Fabs) and buildings containing the support equipment for the Fab including waste tanks, natural gas fired boilers and cooling towers. While manufacturing operations run 24 hours a day, 7 days a week, 365 days a year, the overall factory loading varies based on customer demand.

Manufacturing Process Description

Semiconductors are materials with an electrical conductivity between that of a conductor and an insulator. The manufacturing occurs in a clean environment and process steps involve cleaning with acids or solvents as well as the use of numerous other process chemicals.

Semiconductors are fabricated in batches of silicon wafers and can take anywhere from one to two months to manufacture. The basic fabrication processes are oxidation, photolithography, etching, doping, and layering. During the fabrication process, wafers are cycled through several steps with some steps repeated for various purposes at different points in the process.

Oxidation

Oxidation involves the generation of a silicon dioxide layer on the wafer surface to provide a base for the photolithography process. This layer also insulates and protects the wafer during subsequent processing. In the furnace, the silicon wafer surface oxidizes with steam or a gas such as oxygen to form additional semiconductor material. These processes also use chlorine containing materials such as dichlorosilane which break down during processing and form byproduct emissions of HCl and Cl2.

Photolithography

Photolithography is the process of imaging a circuit pattern onto a wafer. Photoresist material is spun onto the wafer to create an even layer of coating and then heat treated to remove any solvent remaining in the resist material. A photomask is placed over the wafer and light is projected through the voids in the photomask to form electrical patterns.

After exposure, the wafer is developed in a solution that dissolves the excess photoresist and is then rinsed to remove excess developer solution. The resulting wafer has a silicon dioxide layer exposed for the circuit pattern, with the rest of the wafer being covered with the remaining resist coating. Both the photoresist itself and the material used to remove excess photoresist from the edge of the wafer are organic and generate some VOC emissions during the process.

Etching

Etching chemically removes unwanted materials from layers of the wafer. Wet chemical etching uses acid solutions to etch the exposed layer of silicon dioxide at ambient or elevated temperatures. These acid solutions are a source of HAP emissions. In dry etching, etches are formed above the target layer by ionizing process gases under a vacuum. After etching, the remaining photoresist is removed using dry or liquid stripping compounds. Dry etchants are typically chlorinated or fluorinated gases (e.g. Cl2, SF6) which will dissociate in the plasma and form byproduct emissions (e.g. HF, HCl and Cl2).

Deposition

Deposition processes apply additional layers of silicon, silicon dioxide, or other materials to the wafer. Fluorinated gases are used to periodically clean the reaction chamber for those deposition processes. These compounds dissociate to HF when in contact with the plasma and are a source of HAP emissions.

Cleaning
Various organic and inorganic cleaners are used to clean equipment parts and quartz reaction chambers. Organic cleaners can include isopropanol and ethyl lactate among others and are a source of VOC emissions. Inorganic cleaners include acids such as HF or HNO3, and bases such as ammonium hydroxide. Cleaning operations are sources of both VOC and HAP emissions.

Air Pollution Control Equipment

Thermal Oxidizers (RTO)
The airstream first enters a Zeolite Concentrator Wheel, where the VOC concentration of the airstream is increased ten to eighteen times while the overall airflow is reduced to 1/10 (Durr units) or 1/18 (Munters units) of the exhaust from the factory. The resulting airflow is routed to the RTO where the majority of the VOCs are removed from the airstream by oxidation. The exiting airstream from the RTO and the Zeolite wheel are exhausted to the atmosphere. The combined concentrator and RTO system has a VOC reduction efficiency of greater than 90%.

Scrubbers
Each fab has many acid gas scrubbers to treat fab process exhaust airstreams that contain primarily inorganic acids. The factory exhausts are sent through a packed bed with water flowing through it. The majority of the gases are transferred out of the air stream into the water stream. The scrubber water streams are sent to the Acid Waste Neutralization (AWN) wastewater treatment system where it is neutralized before being sent to the Publicly Owned Treatment Works (POTW). The treated exhaust streams are then sent out to the atmosphere.

Support Equipment

Boilers
The boilers supply steam to the factories. Boiler loading requirements vary based on factory demand and outdoor temperatures with colder temperatures requiring more load. The boilers are equipped with the Autoflame™ flame technology, which allows for micromodulation of the air/fuel ratio controls on each boiler. Micromodulation allows the operator to have increased control of the combustion process thereby reducing NOx and CO emissions because the burners are able to achieve near complete combustion. The boilers operate predominantly on natural gas, but are equipped to operate on diesel fuel #2 in the event of an interruption of the natural gas supply.

Emergency generators/Fire Pumps
Emergency generators back up all critical Life Safety Systems (LSS) at the site. The generators combust diesel fuel #2 and are routinely tested to ensure proper operation.

Cooling towers
The facility has mechanically induced (i.e. fan driven) cooling towers that are open to the atmosphere. The cooling towers are used to dissipate the large heat loads generated by the factory and to condition the incoming air to the correct temperature required by the factory. The heat is removed by air handlers whose heat is ultimately rejected to the atmosphere from the cooling towers. Intel uses sodium bromide as a biocide in the cooling towers. Intel has assumed, conservatively, that the bromoform found during water sampling is emitted to the atmosphere. Cooling tower demand is highest in the warmer months and is reduced in the cooler months.

Tanks
Liquid waste for disposal is collected in tanks prior to shipment or to onsite treatment. Some chemicals that are used for acid waste neutralization and water purification are also stored in tanks. Tanks containing primarily inorganic wastes have exhaust that is ducted to scrubbers. Solvent tanks are equipped with a pressure/vacuum relief valve and a flame arrestor to maintain the tanks' internal pressures and prevent explosions caused by potential external ignition sources.

Solvent Waste Collection
The solvent waste tanks are fixed roof tanks with varying types of ancillary equipment. Each unit is equipped with a pressure/vacuum relief valve and a flame arrestor to maintain the tanks' internal pressures and prevent explosions caused by potential external ignition sources.

Acid Waste Neutralization
The Acid Waste Neutralization (AWN) system ensures that the wastewater is within permitted limits before being discharged to the Publicly Owned Treatment Works (POTW). Treatment consists of adding acid or caustic in the proper proportions to ensure that the permit limits are achieved. The AWN tanks are connected to the scrubbed exhaust system.

Wastewater Treatment Systems
Intel operates various wastewater treatment systems to ensure that the site wastewater permit limits are met. Many of the treatment systems involve collection tanks prior to the treatment system. Tanks that contain primarily inorganic acids are connected to the scrubbed exhaust system.

Ammonia Treatment System
The ammonia treatment system will remove ammonia from the wastewater prior to discharge to the POTW. The treatment process involves stripping the ammonia from the wastewater and sending the air stream to a catalytic oxidizer. The catalytic oxidizer burns natural gas and therefore has combustion emissions, as well as additional emissions of nitrogen oxides (NOx) from the destruction of the ammonia.

Bulk Specialty Solvent Waste Treatment System
The Basic Specialty Solvent Waste (BSSW) treatment system is designed to treat a RCRA defined reactive waste to make it safe for offsite shipment. The treatment occurs in a tank that is exhausted to a thermal processing unit (TPU) abatement device to remove the VOCs and HAPs. The TPU burns natural gas and therefore are a source of NO_X, CO, SO_2, VOC, and PM emissions.

Section 11
Source Determination
Source submitting under 20.2.70, 20.2.72, and 20.2.74 NMAC

Sources applying for a construction permit, PSD permit, or operating permit shall evaluate surrounding and/or associated sources (including those sources directly connected to this source for business reasons) and complete this section. Responses to the following questions shall be consistent with the Air Quality Bureau's permitting guidance, Single Source Determination Guidance, which may be found on the Applications Page in the Permitting Section of the Air Quality Bureau website.

Typically, buildings, structures, installations, or facilities that have the same SIC code, that are under common ownership or control, and that are contiguous or adjacent constitute a single stationary source for 20.2.70, 20.2.72, and 20.2.74 NMAC applicability purposes. Submission of your analysis of these factors in support of the responses below is optional, unless requested by NMED.

A. Identify the emission sources evaluated in this section (list and describe)**:**

B. Apply the 3 criteria for determining a single source:

SIC Code: Surrounding or associated sources belong to the same 2-digit industrial grouping (2-digit SIC code) as this facility, OR surrounding or associated sources that belong to different 2-digit SIC codes are support facilities for this source.

☐ **Yes** ☐ **No**

Common Ownership or Control: Surrounding or associated sources are under common ownership or control as this source.

☐ **Yes** ☐ **No**

Contiguous or Adjacent: Surrounding or associated sources are contiguous or adjacent with this source.

☐ **Yes** ☐ **No**

C. Make a determination:

☐ The source, as described in this application, constitutes the entire source for 20.2.70, 20.2.72, or 20.2.74 NMAC applicability purposes. If in "A" above you evaluated only the source that is the subject of this application, all "**YES**" boxes should be checked. If in "A" above you evaluated other sources as well, you must check **AT LEAST ONE** of the boxes "**NO**" to conclude that the source, as described in the application, is the entire source for 20.2.70, 20.2.72, and 20.2.74 NMAC applicability purposes.

☐ The source, as described in this application, **does not** constitute the entire source for 20.2.70, 20.2.72, or 20.2.74 NMAC applicability purposes (A permit may be issued for a portion of a source). The entire source consists of the following facilities or emissions sources (list and describe):

Section 12

Section 12.A
PSD Applicability Determination for All Sources

(Submitting under 20.2.72, 20.2.74 NMAC)

A PSD applicability determination for all sources. For sources applying for a significant permit revision, apply the applicable requirements of 20.2.74 NMAC to determine whether this facility is a major or minor PSD source, and whether this modification is a major or a minor PSD modification. It may be helpful to refer to the procedures for Determining the Net Emissions Change at a Source as specified by Table A-5 (Page A.45) of the EPA New Source Review Workshop Manual to determine if the revision is subject to PSD review.

A. This facility is:

- ☐ **a minor source before and after this modification (if so, delete C and D below).**
- ☐ **a major source before this modification. This modification will make this a PSD minor source.**
- ☐ **an existing PSD Major Source that has never had a major modification requiring a BACT analysis.**
- ☐ **an existing PSD Major Source that has had a major modification requiring a BACT analysis**
- ☐ **a new PSD Major Source after this modification.**

B. **This facility [is or is not] one of the listed 20.2.74.501 Table I – PSD Source Categories. The "project" emissions** for this modification are **[significant or not significant]. [Discuss why.] The "project" emissions listed below [do or do not] only result from changes described in this permit application, thus no emissions from other [revisions or modifications, past or future] to this facility. Also, specifically discuss whether this project results in "de-bottlenecking", resulting in higher emissions. The project emissions (before netting) for this project are as follows:**

a. **NOx: XX.X TPY**
b. **CO: XX.X TPY**
c. **VOC: XX.X TPY**
d. **SOx: XX.X TPY**
e. **PM: XX.X TPY**

C. **Netting [is required, and analysis is attached to this document.] OR [is not required (project is not significant)] OR [Applicant is submitting a PSD Major Modification and chooses not to net.]**

D. **BACT** is **[not required for this modification, as this application is a minor modification.] OR [required, as this application is a major modification. List pollutants subject to BACT review and provide a full top down BACT determination.]**

E. If this is an existing PSD major source, or any facility with emissions greater than 250 TPY (or 100 TPY for 20.2.74.501 Table 1 – PSD Source Categories), determine whether any permit modifications in the last two years were related, or could be considered a single project with this action, and provide an explanation for your determination whether a PSD modification is triggered.

If this is **NOT** a PSD application, delete this sentence and the entire Section 12.B below.

Section 12.B
Special Requirements for a PSD Application

(Submitting under 20.2.74 NMAC)

Prior *to Submitting a PSD application,* the permittee shall:

- ☐ Submit the BACT analysis for review prior to submittal of the application. No application will be ruled complete until the final determination regarding BACT is made, as this determination can ultimately affect information to be provided in the application. A pre-application meeting is recommended to discuss the requirements of the BACT analysis.
- ☐ Submit a modeling protocol prior to submitting the permit application**.**
- ☐ Submit the monitoring exemption analysis protocol prior to submitting the application.

For PSD applications, the permittee shall also include the following:

- ☐ Documentation containing an analysis on the impact on visibility.
- ☐ Documentation containing an analysis on the impact on soil.
- ☐ Documentation containing an analysis on the impact on vegetation, including state and federal threatened and endangered species.
- ☐ Documentation containing an analysis on the impact on water consumption and quality.
- ☐ Documentation that the federal land manager of a Class I area within 100 km of the site has been notified and provided a copy of the application, including the BACT and modeling results. The name of any Class I Federal area located within one hundred (100) kilometers of the facility.

To save paper and to standardize the application format, delete this sentence, and begin your submittal for this attachment on this page.

Section 13

Discussion Demonstrating Compliance With Each Applicable State & Federal Regulation

Provide a discussion demonstrating compliance with applicable state & federal regulation. If there is a state or federal regulation (other than those listed here) for your facility's source category that does not apply to your facility, but seems on the surface that it should apply, add the regulation to the appropriate table below and provide the analysis. Examples of regulatory requirements that may or may not apply to your facility include 40 CFR 60 Subpart OOO (crushers), 40 CFR 63 Subpart HHH (HAPs), or 20.2.74 NMAC (PSD major sources). We don't want a discussion of every non-applicable regulation, but if there is questionable applicability, explain why it does not apply. All input cells should be filled in, even if the response is 'No' or 'N/A'.

In the "Justification" column, identify the criteria that are critical to the applicability determination, numbering each. For each unit listed in the "Applies to Unit No(s)" column, after each listed unit, include the number(s) of the criteria that made the regulation applicable. For example, TK-1 & TK-2 would be listed as: TK-1 (1, 3, 4), TK-2 (1, 2, 4). Doing so will provide the applicability criteria for each unit, while also minimizing the length of these tables.

As this table will become part of the SOB, please do not change the any formatting in the table, especially the width of the table.

If this application includes any proposed exemptions from otherwise applicable requirements, provide a narrative explanation of these proposed exemptions. These exemptions are from specific applicable requirements, which are spelled out in the requirements themselves, not exemptions from 20.2.70 NMAC or 20.2.72 NMAC.

STATE REGULATIONS:

STATE REGU-LATIONS CITATION	Title	Applies to Entire Facility	Applies to Unit No(s).	Federally Enforce-able	Does Not Apply	JUSTIFICATION: Identify the applicability criteria, numbering each (i.e. 1. Post 7/23/84, 2. 75 m^3, 3. VOL)
20.2.3 NMAC	Ambient Air Quality Standards NMAAQS	X		X		Regulates the maximum allowable concentration of Total Suspended Particulates, Sulfur Compounds, Carbon Monoxide and Nitrogen Dioxide.
20.2.7 NMAC	Excess Emissions	X		X		Will be applicable in revised NSR Permit 0325-M10.
20.2.33 NMAC	Gas Burning Equipment - Nitrogen Dioxide		blr-32-gd3-1s to 10s, ecs-boi-97s, ecs-boi-98s, bcp boiler 7-11	X		This facility has new gas burning equipment having a heat input of greater than 1,000,000 million British Thermal Units per year per unit.
20.2.34 NMAC	Oil Burning Equipment: NO_2				X	This facility has no oil burning equipment having a heat input of greater than 1,000,000 million British Thermal Units per year per unit.
20.2.61.109 NMAC	Smoke & Visible Emissions		blr-32-gd3-1s to 10s, ecs-boi-97s, ecs-boi-98s, bcp boiler 7-11, VOC138-1-120-2s to VOC138	X		Engines and heaters are Stationary Combustion Equipment. Specify units subject to this regulation.

STATE REGU-LATIONS CITATION	Title	Applies to Entire Facility	Applies to Unit No(s).	Federally Enforce-able	Does Not Apply	JUSTIFICATION: Identify the applicability criteria, numbering each (i.e. 1. Post 7/23/84, 2. 75 m^3, 3. VOL)
			-3-120-2s, Munter 4s to Munter 17s, F11Xe ATS 1-3, F11Xe BSSW 1, F11 ATS 1			
20.2.70 NMAC	Operating Permits				X	Source is not major for NOx, CO, VOCs, SO_2, Formaldehyde, or Total HAPs.
20.2.71 NMAC	Operating Permit Fees				X	No, this facility is not subject to 20.2.70 NMAC and is in turn not subject to 20.2.71 NMAC.
20.2.72 NMAC	Construction Permits	X		X		This facility is subject to 20.2.72 NMAC and NSR Permit 0325-M10.
20.2.73 NMAC	NOI & Emissions Inventory Requirements	X		X		Emissions Inventory Reporting: 20.2.73.300 NMAC applies.
20.2.74 NMAC	Permits – PSD				X	This facility is not a PSD major source
20.2.75 NMAC	Construction Permit Fees	X		X		This facility is subject to 20.2.72 NMAC and is in turn subject to 20.2.75 NMAC.
20.2.77 NMAC	New Source Performance				X	No 40 CFR Part 60 apply, as amended through November 30, 2006.
20.2.78 NMAC	Emission Standards for HAPS				X	No 40 CFR Part 61 apply, as amended through November 30, 2006.
20.2.79 NMAC	Permits – Nonattainment Areas				X	This facility is not applicable according to 2.79.109 NMAC.
20.2.80 NMAC	Stack Heights	X		X		Will be applicable in NSR Permit 0325-M10.
20.2.82 NMAC	MACT Standards for source categories of HAPS				X	No 40 CFR Part 63 apply, as amended through November 30, 2006.

FEDERAL REGULATIONS:

FEDERAL REGU-LATIONS CITATION	Title	Applies to Entire Facility	Applies to Unit No(s).	Federally Enforce-able	Does Not Apply	JUSTIFICATION:
40 CFR 50	NAAQS	X		X		Defined as applicable at 20.2.70.7.E.11, Any national ambient air quality standard
NSPS 40 CFR 60, Subpart A	General Provisions				X	No NSPS 40 CFR 60, Subpart applies to this facility.
NESHAP 40 CFR 61 Subpart A	General Provisions				X	No NESHAP 40 CFR 61, Subpart applies to this facility.
MACT 40 CFR 63, Subpart A	General Provisions				X	No MACT 40 CFR 63, Subpart applies to this facility.
NESHAP 40 CFR 68	Chemical Accident Prevention				X	No NESHAP 40 CFR 68, Subpart applies to this facility.
CAA Section 112(r)					X	Chemical Accident Prevention Provisions

Section 14

Operational Plan to Mitigate Emissions

(submitting under 20.2.70, 20.2.72, 20.2.74 NMAC)

☐ **Title V Sources** (20.2.70 NMAC)**:** By checking this box and certifying this application the permittee certifies that it has developed an **Operational Plan to Mitigate Emissions During Startups, Shutdowns, and Emergencies** defining the measures to be taken to mitigate source emissions during startups, shutdowns, and emergencies as required by 20.2.70.300.D.5(f) and (g) NMAC. This plan shall be kept on site to be made available to the Department upon request. This plan should not be submitted with this application.

☐ **NSR** (20.2.72 NMAC)**, PSD** (20.2.74 NMAC) **& Nonattainment** (20.2.79 NMAC) **Sources:** By checking this box and certifying this application the permittee certifies that it has developed an **Operational Plan to Mitigate Source Emissions During Malfunction, Startup, or Shutdown** defining the measures to be taken to mitigate source emissions during malfunction, startup, or shutdown as required by 20.2.72.203.A.5 NMAC. This plan shall be kept on site to be made available to the Department upon request. This plan should not be submitted with this application.

✓ **Title V** (20.2.70 NMAC)**, NSR** (20.2.72 NMAC)**, PSD** (20.2.74 NMAC) **& Nonattainment** (20.2.79 NMAC) **Sources:** By checking this box and certifying this application the permittee certifies that it has established and implemented a Plan to Minimize Emissions During Routine or Predictable Startup, Shutdown, and Scheduled Maintenance through work practice standards and good air pollution control practices as required by 20.2.7.14.A and B NMAC. This plan shall be kept on site or at the nearest field office to be made available to the Department upon request. This plan should not be submitted with this application.

Section 15

Alternative Operating Scenarios

(submitting under 20.2.70, 20.2.72, 20.2.74 NMAC)

Alternative Operating Scenarios: Provide all information required by the department to define alternative operating scenarios. This includes process, material and product changes; facility emissions information; air pollution control equipment requirements; any applicable requirements; monitoring, recordkeeping, and reporting requirements; and compliance certification requirements. Please ensure applicable Tables in this application are clearly marked to show alternative operating scenario.

To save paper and to standardize the application format, delete this sentence, and begin your submittal for this attachment on this page.

Section 16

Air Dispersion Modeling

NSR (20.2.72 NMAC) and PSD (20.2.74 NMAC) Modeling: Provide an air quality **dispersion modeling** demonstration (if applicable) as outlined in the Air Quality Bureau's Dispersion Modeling Guidelines. If air dispersion modeling has been waived for this permit application, attach the AQB Modeling Section modeling waiver documentation.

SSM Modeling: Applicants must conduct dispersion modeling for the total short term emissions using realistic worst case scenarios following guidance from the Air Quality Bureau's dispersion modeling section. Refer to "Guidance for Submittal of Startup, Shutdown, Maintenance Emissions in Permit Applications (http://www.nmenv.state.nm.us/aqb/permit/app_form.html) for more detailed instructions on SSM emissions modeling requirements.

Title V (20.2.70 NMAC) Modeling: Title V applications must specify the NSR Permit number for which air quality dispersion modeling was last submitted. Additionally, Title V facilities reporting new SSM emissions require modeling or a modeling waiver to demonstrate compliance with standards.

Intel Corporation is preparing a Significant Revision construction permit application to modify operation at its Rio Rancho facility located at 4100 Sara Rd., Rio Rancho, NM 87124-1025, Sandoval County, New Mexico. This facility is currently permitted (Permit No. 325-M10) for emission sources associated with semi-conductor manufacturing. The emissions sources include process scrubber vents, boilers, regenerative thermal oxidizers (RTOs), cooling towers and an ammonia treatment system. While Intel has not announced plans to expand its New Mexico facility, Intel would like to preposition its Rio Rancho site to gain flexibility for future growth and maintain redundant emission abatement control. As part of prepositioning, Intel will be making several changes at the plant. The proposed modification, to be referred to as Fab 11Xe, consists of the installation of seven (7) thermal oxidizers, ten (10) cooling towers, one (1) boiler, three (3) ammonia treatment systems and one (1) bulk specialty solvent waste treatment system.

Because the proposed additional emission sources, dispersion modeling was performed to demonstrate that the modifications did not cause or contribute to a violation of any National or New Mexico Ambient Air Quality Standard. Intel Corporation demonstrated compliance with the New Mexico Ambient Air Quality Standards (NMAAQS) for PM (TSP 24 Hour and Annual Averages), NO_2 (24 Hour and Annual Averages), CO (1 and 8 Hour Averages), and SO_2 (24 Hour, and Annual Averages) and the National Ambient Air Quality Standards (NAAQS) for PM_{10} (24 Hour Average), $PM_{2.5}$ (24 Hour and Annual Averages), CO (1 and 8 Hour Averages), NO_2 (Annual Average) and SO_2 (1 Hour, 3 Hour,24 Hour and Annual Averages). Intel Corporation also demonstrated compliance with the PSD Class II Increment Standards for NO_2, SO_2, and $PM_{10,}$ because the facility is located in the Air Quality Control Region 152 where the PSD minor source baseline date have been triggered for NO_2 in March 26, 1997, SO_2 in May 14, 1981, and PM_{10} in March 26, 1997. No SSM modeling is performed for this permit revision.

The Intel Rio Rancho facility is located in Rio Rancho, Sandoval County, New Mexico. The facility is located on the east side of Highway 528 immediately north of the Bernalillo County line at 4100 Sara Rd. The Intel Rio Rancho facility is approximately 0.9 miles long (south to north) and emission units are located at several different areas within the facility boundary (see Aerial Views in Section 5). Using the existing RTO stacks to represent the facility location, the approximate UTM coordinates are 349,260E, 3899125N (NAD 83 Datum). The site elevation at the existing RTO stacks is approximately 5,230 feet above sea level (NAD 83).

1. Model Input Options

Class One Technical Services (CTS) used the latest version of the AERMOD dispersion model for this analysis. CTS use a commercial version of the AERMOD model obtained from Bee-Line Software Inc. This software includes all recent EPA updates to the AERMOD program and program support software identified by Bee-Line as BEEST version 9.83. The model was run in the non-regulatory default mode to account for neighboring horizontal release stacks. The following options were set:

- Stack-tip downwash – Enabled for combustion emission – reduces effective stack height when plume exit velocity is less than 1.5 times the wind speed.
- Plume buoyancy induced dispersion enabled – Increase the dispersion coefficient to account for the vertical movement of the plume.

- Allow missing met data, if applicable.
- Building downwash-to consider the effect of buildings close to the emission sources
- Rural dispersion coefficients - because land use within the area circumscribed by a three km radius around the facility is greater than 50 percent rural.
- Terrain because surrounding terrain is not flat
- No flagpole option – receptor elevations are evaluated at ground level.

We incorporated terrain into the modeling analysis. As the site is located in a rural area, rural dispersion coefficients will be implemented via the use of the RURAL keyword. A building downwash analysis using the latest version of PRIME BPIP was conducted and incorporated into the modeling analysis to account for potential effluent downwash due to the tanks and buildings. Emission source, tanks and building elevations were based on survey information previously completed for Intel and verified using Google Earth.

2. Receptor Grid Description

Based on the ROI modeling and previous modeling analyses performed for the Intel Rio Rancho Facility, the maximum impact locations are on or very close to the Intel facility boundary. The receptor grids consisted of:

- 50 meter spacing along facility boundary
- A 50-meter grid spacing was used for receptors outside the facility boundary and extending at least 500 meters beyond the facility boundary in all directions.
- A 100-meter grid spacing was used for receptors extending from 500 meters to at least one kilometer beyond the facility boundary.
- A 250-meter grid spacing was used from one kilometer to the pollutant ROI model distance.

The elevations of receptors were determined using the most recent 10 meter vertical resolution 7.5 minute DEM data currently available.

3. Meteorological Data

We used one year of Intel on-site meteorological data collected in 1993-1994. This data set has been extensively used in previous ISCST3 and AERMOD modeling analyses for Intel.

4. Radius of Impact (ROI) Analysis and Cumulative Impact Analysis (CIA)

We conduct a significant impact level (SIL) analysis for each pollutant's emissions from the facility sources. Following NMED/AQB modeling guideline, the maximum extent of the significant impact area was determined (as measured from the center of the facility to the furthest extent of the significant impact). The maximum extent became the Radius of Impact (ROI). Results of the ROI modeling showed CO and SO_2 concentrations below SIL. CIA was analyzed for NO_X, TSP, PM_{10}, and $PM_{2.5}$ including impacts from the facility sources and any significant surrounding sources within 65 km of the facility. An inventory of the surrounding sources was obtained from the MergeMaster regional sources database available on the NMED website and Eric Peters of the NMED modeling section.

5. PSD Class II Increment Analysis

The results of the ROI modeling for NO_X, SO_2, and PM_{10} showed an exceedance of the SILs for NO_X and PM_{10}. PSD Class II increment analysis was conducted for NO_X and $PM_{10,}$ because the minor source baseline date has been established in Air Quality Control Region 152 for NO_2 in March 26, 1997 and PM_{10} in March 26, 1997. The PSD analysis was conducted including all PSD increment consuming sources at the Rio Rancho facility and the surrounding sources within 65 km of the facility.

6. Class I Areas Analysis

Since the nearest Class I area is Bandelier Wilderness Area, at 59.5 km from the facility, no Class I Area analysis was conducted.

A modeling protocol was submitted to the bureau on January 27, 2011 and approved by the bureau on February 7, 2011.

Complete dispersion modeling input and results can be found in a separate modeling report.

The highest results of the modeling analyses are summarized below in Tables 16-1 and 16-2. PSD Class II Increment results are summarized below in Table 16-3.

Table 16-1
Summary of Combustion Model Results

Parameter	Maximum Modeled Concentration ($\mu g/m^3$)	Maximum Modeled Concentration With Background ($\mu g/m^3$)	Lowest Applicable Standard ($\mu g/m^3$)	% of Standard
CO 1 Hr.	576.1	***	12551.6	4.6
CO 8 Hr.	205.2	***	8335.8	2.5
SO_2 1 Hr.	3.1	***	195.0	1.6
SO_2 3 Hr.	1.9	***	1095.0	<1.0
SO_2 24 Hr.	0.59	***	219.0	<1.0
SO_2 Annual	0.16	***	43.8	<1.0
NO_2 24 Hr.	24.8	***	157.4	15.8
NO_2 Annual	15.9	***	78.7	20.2

Note: NO_X modeled concentrations were converted to NO_2 using fixed conversion rates of 75% for annual modeled concentrations and 40% for 24 hour modeled concentrations. "***" No background concentrations apply to this pollutant.

Table 16-2
Summary of Particulate Model Results

Parameter	Maximum Modeled Concentration ($\mu g/m^3$)	Maximum Modeled Concentration With Background ($\mu g/m^3$)	Lowest Applicable Standard ($\mu g/m^3$)	% of Standard
$PM_{2.5}$ 24 Hr.	16.9	24.2	35	69.1
$PM_{2.5}$ Annual	6.4	13.7	15	91.3
PM_{10} 24 Hr.	26.3	46.3	150	30.9
TSP 24 Hr.	35.0	61.6	150	41.1
TSP Annual	10.6	37.2	60	62.0

Note: Background concentrations based on "New Mexico Air Pollution Control Bureau, Dispersion Modeling Guidelines", revised April 2010. For $PM_{2.5}$ the background is 7.3 $\mu g/m^3$, PM_{10} the background is 20 $\mu g/m^3$ and TSP the background is 26.6 $\mu g/m^3$.

Table 16-3
Summary of PSD Increment Model Results

Parameter	Maximum Modeled Concentration ($\mu g/m^3$)	Maximum Modeled Concentration With Background ($\mu g/m^3$)	Lowest Applicable Standard ($\mu g/m^3$)	% of Standard
NO_2 Annual Class II Increment	11.3	***	25	45.2
PM_{10} 24 Hr. Class II Increment	17.7	***	30	59.0

Section 17

Compliance Test History

(submitting under 20.2.70, 20.2.72, 20.2.74 NMAC)

To show compliance with existing NSR permits conditions, you must submit a compliance test history. The table below provides an example.

2005-Current Compliance Test History for Thermal Oxidizers Required by Permit 0325-M10

Unit/Stack No.*	Test Description	Quarter Test Conducted
F11X-B, 11s.8.2abc F11S, 11s.8.1abc F11X-F, 10s.8.1a F11W, 9s.8.1a	Tested in accordance with EPA test methods for Volatile Organic Compounds as required by NSR permit 0325-M9.	Q1'05
F11X-B, 11s.8.2abc F11S, 11s.8.1abc F11X-F, 10s.8.1a F11W, 9s.8.1a	Tested in accordance with EPA test methods for Volatile Organic Compounds as required by NSR permit 0325-M9.	Q2'05
F11X-B, 11s.8.2abc F11S, 11s.8.1 F11X-F, 10s.8.1a F11W, 9s.8.1	Tested in accordance with EPA test methods for Hazardous Air Pollutants as required by NSR permit 0325-M9.	Q3'05
F11X-B, 11s.8.2abc F11S, 11s.8.1abc F11X-F, 10s.8.1a F11W, 9s.8.1a	Tested in accordance with EPA test methods for Volatile Organic Compounds as required by NSR permit 0325-M9.	Q3'05
F11X-B, 11s.8.2abc F11S, 11s.8.1abc F11X-F, 10s.8.1a F11W, 9s.8.1a	Tested in accordance with EPA test methods for Volatile Organic Compounds as required by NSR permit 0325-M9.	Q4'05
F11X-B, 11s.8.2abc F11S, 11s.8.1abc F11X-F, 10s.8.1a F11W, 9s.8.1a	Tested in accordance with EPA test methods for Volatile Organic Compounds as required by NSR permit 0325-M9.	Q1'06
F11X-B, 11s.8.2abc F11S, 11s.8.1abc F11X-F, 10s.8.1a F11W, 9s.8.1a	Tested in accordance with EPA test methods for Volatile Organic Compounds as required by NSR permit 0325-M9.	Q2'06
F11X-B, 11s.8.2abc F11S, 11s.8.1 F11X-F, 10s.8.1a F11W, 9s.8.1	Tested in accordance with EPA test methods for Hazardous Air Pollutants as required by NSR permit 0325-M9.	Q2'06
F11X-B, 11s.8.2abc F11S, 11s.8.1abc F11X-F, 10s.8.1a F11W, 9s.8.1a	Tested in accordance with EPA test methods for Volatile Organic Compounds as required by NSR permit 0325-M9.	Q3'06
F11X-B, 11s.8.2abc F11S, 11s.8.1abc F11X-F, 10s.8.1a F11W, 9s.8.1a	Tested in accordance with EPA test methods for Volatile Organic Compounds as required by NSR permit 0325-M9.	Q4'06

Unit/Stack No.*	Test Description	Quarter Test Conducted
F11X-B, 11s.8.2abc F11S, 11s.8.1abc F11X-F, 10s.8.1a F11W, 9s.8.1a	Tested in accordance with EPA test methods for Volatile Organic Compounds as required by NSR permit 0325-M9.	Q1'07
F11X-B, 11s.8.2abc F11S, 11s.8.1abc F11X-F, 10s.8.1a F11W, 9s.8.1a	Tested in accordance with EPA test methods for Volatile Organic Compounds as required by NSR permit 0325-M9.	Q2'07
F11X-B, 11s.8.2abc F11S, 11s.8.1abc F11X-F, 10s.8.1a F11W, 9s.8.1a	Tested in accordance with EPA test methods for Hazardous Air Pollutants as required by NSR permit 0325-M9.	Q2'07
F11X-B, 11s.8.2abc F11S, 11s.8.1abc F11X-F, 10s.8.1a F11W, 9s.8.1a	Tested in accordance with EPA test methods for Volatile Organic Compounds as required by NSR permit 0325-M9.	Q3'07
F11X-B, 11s.8.2abc F11S, 11s.8.1abc F11X-F, 10s.8.1a	Tested in accordance with EPA test methods for Volatile Organic Compounds as required by NSR permit 0325-M9.	Q4'07
F11X-B, 11s.8.2abc F11X-F, 10s.8.1a	Tested in accordance with EPA test methods for Volatile Organic Compounds as required by NSR permit 0325-M9.	Q1'08
VOC-16-np2-1, VOC-16-lt2-1	Tested in accordance with EPA test methods for Volatile Organic Compounds as required by NSR permit 0325-M9.	Q2'08
VOC-16-np2-1, VOC-16-lt2-1	Tested in accordance with EPA test methods for Hazardous Air Pollutants as required by NSR permit 0325-M9.	Q2'08
VOC-16-np2-1, VOC-16-lt2-1	Tested in accordance with EPA test methods for Volatile Organic Compounds as required by NSR permit 0325-M9.	Q3'08
VOC-16-np2-1, VOC-16-lt2-1	Tested in accordance with EPA test methods for Volatile Organic Compounds as required by NSR permit 0325-M9.	Q4'08
VOC-16-np2-1, VOC-16-lt2-1, VOC-138-1-120, VOC-138-2-120	Tested in accordance with EPA test methods for Volatile Organic Compounds as required by NSR permit 0325-M9.	Q1'09
VOC-16-np2-1, VOC-16-lt2-1, VOC-138-1-120, VOC-138-2-120	Tested in accordance with EPA test methods for Volatile Organic Compounds as required by NSR permit 0325-M9.	Q2'09
VOC-16-np2-1, VOC-16-lt2-1, VOC-138-1-120, VOC-138-2-120	Tested in accordance with EPA test methods for Hazardous Air Pollutants as required by NSR permit 0325-M9.	Q2'09
VOC-16-np2-1, VOC-16-lt2-1, VOC-138-1-120, VOC-138-2-120	Tested in accordance with EPA test methods for Volatile Organic Compounds as required by NSR permit 0325-M9.	Q3'09
VOC-16-np2-1, VOC-16-lt2-1, VOC-138-1-120, VOC-138-2-120	Tested in accordance with EPA test methods for Volatile Organic Compounds as required by NSR permit 0325-M9.	Q4'09
VOC-16-np2-1, VOC-16-lt2-1, VOC-138-1-120, VOC-138-2-120, VOC-138-3-120	Tested in accordance with EPA test methods for Volatile Organic Compounds as required by NSR permit 0325-M9.	Q1'10

Unit/Stack No.*	Test Description	Quarter Test Conducted
VOC-16-np2-1, VOC-16-lt2-1, VOC-138-1-120, VOC-138-2-120, VOC-138-3-120	Tested in accordance with EPA test methods for Volatile Organic Compounds as required by NSR permit 0325-M9.	Q2'10
VOC-16-np2-1, VOC-16-lt2-1, VOC-138-1-120, VOC-138-2-120, VOC-138-3-120	Tested in accordance with EPA test methods for Hazardous Air Pollutants as required by NSR permit 0325-M9.	Q2'10
VOC-16-np2-1, VOC-16-lt2-1, VOC-138-1-120, VOC-138-2-120, VOC-138-3-120	Tested in accordance with EPA test methods for Volatile Organic Compounds as required by NSR permit 0325-M9.	Q3'10
VOC-16-np2-1, VOC-16-lt2-1, VOC-138-1-120, VOC-138-2-120, VOC-138-3-120	Tested in accordance with EPA test methods for Volatile Organic Compounds as required by NSR permit 0325-M9 and 0325-M10.	Q4'10

* Permitted Unit/Stack Numbers reported in the table reflect the unit/stack number naming convention used during the period testing was conducted.

Section 18

Addendum for Streamline Applications

Do not print this section unless this is a streamline application.

Streamline Applications do not require a complete application. Submit Sections 1-A, 1-B, 1-D, 1-F, 2-A, 2-C, 2-D, 2-E, 2-G thru L, Sections 3 thru 8, Section 13, Section 18, and Section 22 (Certification). Other sections may be required at the discretion of the Department. 20.2.72.202 NMAC Exemptions do not apply to streamline sources. 20.2.72.219 NMAC revisions and modifications do not apply to Streamline sources, thus 20.2.72.219 NMAC actions require a complete new application submittal. Please do not print sections of a streamline application that are not required.

18-A: Streamline Category

1	**Indicate under which part of 20.2.72.301.D this facility is applying. Refer to the form column of Table 18-D below, to assist in this determination:** ☐ 20.2.72.301.D(1) NMAC ☐ 20.2.72.301.D(2) NMAC ☐ 20.2.72.301.D(3) NMAC

18-B: Streamline Applicability Criteria

		Answer (yes/no)
1	Does the source category for this facility meet one of those listed in the following table? (20.2.72.301.A NMAC) **20.2.72.501 Table 2 – Permit Streamlining Source Class Categories** 1. Reciprocating internal combustion engines, excluding portable or temporary engines 2. Turbines	☐ Yes ☐ No
2	If this facility is a compressor station, does it meet the definition of a "Compressor station" below? (20.2.72.301.D NMAC) **"Compressor station"** means a facility whose primary function is the extraction of crude oil, natural gas, or water from the earth with compression or movement of any fluid, including crude oil or natural gas, or products refined from these substances through pipelines or the injection of natural gas or CO2 back into the earth using compressors. A compressor station may include engines to generate power in conjunction with the other functions of extraction, injection or transmission and may contain emergency flares. A compressor station may have auxiliary equipment which emits small quantities of regulated air contaminants, including but not limited to, separators, dehydrators, heaters, treaters and storage tanks, provided the equipment is located within the same property boundaries as the compressor engine (underline added). (20.2.72.301.A NMAC)	☐ Yes ☐ No
3	Will the facility operate in compliance with all applicable state and federal regulations, including federal new source performance standards incorporated by 20.2.77 NMAC and permit conditions? (20.2.72.305.B NMAC)	☐Yes ☐No
4	Will the fuel combusted at this facility be produced natural gas, sweet natural gas, liquid petroleum gas, or fuel gas containing 0.1 grain of total sulfur or less per dry standard cubic foot; or refinery grade diesel or No. 2 fuel oil that is not a blend containing waste oils or solvents and contains less than 0.3% by weight sulfur? (20.2.72.306 NMAC)	☐Yes ☐No

5	Will all spark ignited gas-fired or any compression ignited dual fuel-fired engine which operates with a non-selective catalytic converter be equipped and operated with an automatic air-fuel ratio (AFR) controller which maintains AFR in the range required to minimize NOx emissions, as recommended by the manufacturer? (20.2.72.306 NMAC)	☐Yes ☐N
6	Has payment of all fees that are specified in 20.2.75 NMAC (Construction Permit Fees), as payable at the time the application is submitted, been included with the application package? (20.2.72.302.15 NMAC)	☐No
7	Is the answer to each of the above questions, #1 through #6, '**Yes**'? If the answer to **this** question is "**No**", this facility does **not** qualify for a streamline permit.	☐Yes ☐No
8	Will the facility, either before or after construction or modification, have a total potential to emit of any regulated air contaminant[2] greater than 200 tons per year (tpy) of any one regulated air pollutant (CO, NO or VOC)? (20.2.72.301.B.2 NMAC); **"Potential to emit"** or **"potential emissions"** means the maximum capacity of a stationary source to emit a regulated air contaminant under its physical and operational design. Any physical or operational limitation on the capacity of the source to emit a regulated air contaminant, including air pollution control equipment and restrictions on hours of operation or on the type or amount of material combusted, stored or processed, shall be treated as part of its design if the limitations or the effect it would have on emissions is federally enforceable. Secondary emissions do not count in determining the potential to emit of a stationary source.	☐ Yes ☐ No
9	Is the facility a "major stationary source" as defined in 20 NMAC 2.74 (2.72. .1 NMAC)	☐ Yes ☐ No
10	Is this source subject to a NESHAP other than 40CFR61 Subpart M al Emission Standard for Asbestos? (20.2.72.301.B.3 NMAC)	☐ Yes ☐ No
11	Is this a source of potential air toxic emissions (20 NMAC 2.72. 4)? (20.2.72.301.B.3 NMAC)	☐ Yes ☐ No
12	Will the reciprocating internal combustion (IC) engi nd/o rbines be located at a petroleum refinery, chemical manufacturing plant, bulk gasoline terminal, gas processing plant, or at any facility containing sources in addition to IC engines and/or tur s for whic ir quality permit is required through state or federal air quality regulations in the absence of th nd/ turbines? (20.2.72.301.B.4 NMAC)	☐ Yes ☐ No
13	Will the proposed facility be located within e 20.2.72.301.B.5 exclusion areas specified in the Air Dispersion Modeling Guidelines[1], Table: Areas Where S mline Permits Are Prohibited ? (20.2.72.301.B.5 NMAC) http://www.nmenv.state.nm.us/aqb/modeling	☐ Yes ☐ No
14	Will the proposed facility's im ct rea intersect any of the areas specified in the Air Dispersion Modeling Guidelines[1], Table: Areas Wh reamline Permits Are Prohibited ? (20.2.72.301.B.5 NMAC) http://www.nmenv.state.nm.u eling	☐Yes ☐No ☐N/A
15	Is the answer to each of ve questions, #8 through #14, '**No**'? If the answer to **this** q stion is "**No**", this facility does **not** qualify for a streamline permit.	☐Yes ☐No

[1] The Air Dispers deling Guidelines contain a section on streamline permitting. The table mentioned above can be found w elines at http://www.nmenv.state.nm.us/aqb/modeling

[2] The p t for nitrogen dioxide shall be based on total oxides of nitrogen

18-C: Streamline Location Restrictions		Answer (yes/no)	Identify: Name and Distance (km)
1	Will the distance from the nearest property boundary to the nearest school, residence, office building or occupied structure, excluding the immediate facility complex be greater than one (1.0) km? (20.2.72.301.B.6.a NMAC)	☐Yes ☐No	
2	Will the distance from the nearest property boundary to the nearest state park, Class II wilderness or wildlife refuge, historic park, state recreation area be greater than three (3.0) km? (20.2.72.301.B.6.b NMAC) The Air Dispersion Modeling Guidelines[1], Table: List Of State Parks, Class II Wilderness Areas, Class II National Wildlife Refuge, National Historic Parks, State Recreation Areas, and Class I Areas contains a list of most of these areas in New Mexico, but may not include new areas designated since the modeling guidelines were published.	☐Yes ☐No	
3	Will the distance from the nearest property boundary to the nearest community with a population of more than 20,000 people be greater than three (3.0) km? (20.2.72.301.B.6 NMAC).b	☐Yes ☐No	
4	Will the distance from the nearest property boundary to the nearest community with a population of more than 40,000 people be greater than 10 km? (20.2.72.301.B.6 NMAC)	☐Yes ☐No	
5	Will the distance from the nearest property boundary to the nearest Class I area be greater than 30 km? (20.2.72.301.B.6.d NMAC) The Air Dispersion Modeling Guidelines[1], Table: List Of State Parks, Class II Wilderness Areas, Class II National Wildlife Refuge, National Historic Parks, State Recreation Areas, and Class I Areas contains a list of most of these areas in New Mexico, but may not include new areas designated since the modeling guidelines were published.	☐Yes ☐No	
6	Will the distance from the nearest property boundary to Bernalillo County be greater than 15 km? (20.2.72.301.B.7 NMAC)	☐Yes ☐No	-NA-
7	Is the answer to all of the above question yes or NA? If the answer to **this** question is "**No**", this facility does not qualify for a streamline permit.	☐Yes ☐No	-NA-

[1] The Air Dispersion Modeling Guidelines contain information on streamline permitting. The table mentioned above can be found within those guidelines at http://www.nmenv.state.nm.us/aqb/modeling.

18-D: Source Category Determination			
1	Is the total potential to emit of each regulated contaminant from all sources at the facility less than 40 tpy?	☐ Yes ☐ No	• If the answers to this question is "Yes", the facility qualifies for a 20.2.72.301.D.1 NMAC streamline permit. • Public notice is not required, 20.2.72.303.A NMAC. • Modeling is **not** required, 20.2.72.301.D NMAC. • If "Yes", leave the remainder of this table blank.
2	Is the potential to emit of each regulated contaminant from all emission sources at the facility less than 10 tons per year (tpy) **AND** the impact on ambient air from all sources at the facility less than the ambient significance levels in 20.2.72.500 NMAC?	☐ Yes ☐ No	• If the answer to this question is "Yes", the facility qualifies for a 20.2.72.301.D.2 NMAC streamline permit. • Public notice is not required, 20.2.72.303.A NMAC. • **Modeling is required** in accordance with 20.2.72.301.D.2 NMAC • If "Yes", leave the remainder of this table blank.

3.a	Is the total potential to emit of each regulated contaminant from all emission sources at the facility less than 200 tons per year (tpy) **AND** the maximum modeled ambient impact from the total potential emissions at the facility less than 50 percent of each applicable PSD increment, state and federal ambient air quality standards?	☐ Yes ☐ No	• If the answers to the questions (3.a, 3.b, 3.c, and 3.d) are all "Yes" the facility qualifies for a 20.2.72.301.D.3 NMAC streamline permit. • Public notice is required in accordance with NMAC 20.2.72.203 NMAC. • **Modeling is required** in accordance with 20.2.72.301.D.3 NMAC • If the answers to questions 1, 2, and any of the questions in question 3 (3.a, 3.b, 3.c, or 3.d) are "No", the facility does not qualify for a streamline permit.
3.b	Are there no adjacent sources emitting the same regulated air contaminant(s) as the source within 2.5 km of the modeled nitrogen dioxide (NO2) impact area?	☐ Yes ☐ No	
3.c	Is the "sum of the potential emissions for oxides of nitrogen from all adjacent sources" (SUM) within 15 km of the NO2 impact area (SUM15) less than 740 tpy?	☐ Yes ☐ No	
3.d	Is the "sum of the potential emissions for oxides of nitrogen from all adjacent sources" (SUM) within 25 km of the NO2 impact area (SUM25) less than 1540 tpy?	☐ Yes ☐ No	

Note: All modeling demonstrations have the option of demonstrating compliance with 20.2.72.301.D.3 NMAC. All public notices are required to comply with the public notice requirements of a NMAC20.2.72.301.D.3 facility.

18-E: Submittals

1	If a facility is required to submit an analysis to demonstrate compliance with NMAC 20.2.72.300-399, use the Department's most current version of the Departments Air Dispersion Modeling Guidelines, and include a copy of the modeling in the application. A copy of the most current version of the guidelines can be obtained at the following web address: http://www.nmenv.state.nm.us/aqb/modeling.
2	**Public Notice:** Per 20.2.72.303.A NMAC, public notice is only required for sources subject to NMAC 20.2.72.301.D.3. Public notice submittals shall consist of the following: 1. Proof of Public Notice 2. Include a copy of the certified letter receipts (Field office & Federal Land Managers) (20.2.72.206.A.7, 302.A & 302.B) 3. A copy of the letters sent to the appropriate federal land manager if the source will locate within 50 km of a boundary of a Class I area (302.A.2) A statement stating a complete copy of the application and public notice has been provided to the Departments field office/district office nearest the source (302.A.1) Location where the public notice has been posted on the site (303.B.2) 6. A copy of the classified or legal ad and its affidavit of publication (303.B.1)

Section 19

Requirements for Title V Program

Do not print this section unless this is a Title V application.

Who Must Use this Attachment:

* Any major source as defined in 20.2.70 NMAC.
* Any source, including an area source, subject to a standard or other requirement promulgated under Section 111 - Standards of Performance for New Stationary Sources, or Section 112 Hazardous Air Pollutants, of the federal Clean Air Act ("federal Act"). Non-major sources subject to Sections 111 or 112 of the federal Act are exempt from the obligation to obtain an 20.2.70 NMAC operating permit until such time that the EPA Administrator completes rulemakings that require such sources to obtain operating permits. In addition, sources that would be required to obtain an operating permit solely because they are subject to regulations or requirements under Section 112(r) of the federal Act are exempt from the requirement to obtain an Operating Permit.
* Any Acid Rain source as defined under title IV of the federal Act. The Acid Rain program has additional forms. See http://www.nmenv.state.nm.us/aqb/index.html. Sources that are subject to both the Title V and Acid Rain regulations are encouraged to submit both applications simultaneously.
* Any source in a source category designated by the EPA Administrator ("Administrator"), in whole or in part, by regulation, after notice and comment.

To save paper and to standardize the application format, delete this sentence, and begin your submittal for this item here.

19.1 - 40 CFR 64, Compliance Assurance Monitoring (CAM) (20.2.70.300.D.10.e NMAC)

Any source subject to 40CFR, Part 64 (Compliance Assurance Monitoring) must submit all the information required by section 64.7 with the operating permit application. The applicant must prepare a separate section of the application package for this purpose; if the information is already listed elsewhere in the application package, make reference to that location. Facilities not subject to Part 64 are invited to submit periodic monitoring protocols with the application to help the AQB to comply with 20.2.70 NMAC. Sources subject to 40 CFR Part 64, must submit a statement indicating your source's compliance status with any enhanced monitoring and compliance certification requirements of the federal Act.

To save paper and to standardize the application format, delete this sentence, and begin your submittal for this item here.

19.2 - Compliance Status (20.2.70.300.D.10.a & 10.b NMAC)

Describe the facility's compliance status with each applicable requirement at the time this permit application is submitted. This statement should include descriptions of or references to all methods used for determining compliance. This statement should include descriptions of monitoring, recordkeeping and reporting requirements and test methods used to determine compliance with all applicable requirements. Refer to Section 2, Tables 2-N and 2-O of the Application Form as necessary. (20.2.70.300.D.11 NMAC) For facilities with existing Title V permits, refer to most recent Compliance Certification for existing requirements. Address new requirements such as CAM, here, including steps being taken to achieve compliance.

To save paper and to standardize the application format, delete this sentence, and begin your submittal for this item here.

19.3 - Continued Compliance (20.2.70.300.D.10.c NMAC)

Provide a statement that your facility will continue to be in compliance with requirements for which it is in compliance at the time of permit application. This statement must also include a commitment to comply with other applicable requirements as they come into effect during the permit term. This compliance must occur in a timely manner or be consistent with such schedule expressly required by the applicable requirement.

To save paper and to standardize the application format, delete this sentence, and begin your submittal for this item here.

19.4 - Schedule for Submission of Compliance (20.2.70.300.D.10.d NMAC)

You must provide a proposed schedule for submission to the department of compliance certifications during the permit term. This certification must be submitted annually unless the applicable requirement or the department specifies a more frequent period. A sample form for these certifications will be attached to the permit.

To save paper and to standardize the application format, delete this sentence, and begin your submittal for this item here.

19.5 - Stratospheric Ozone and Climate Protection

In addition to completing the four (4) questions below, you must submit a statement indicating your source's compliance status with requirements of Title VI, Section 608 (National Recycling and Emissions Reduction Program) and Section 609 (Servicing of Motor Vehicle Air Conditioners).

1. Does your facility have any air conditioners or refrigeration equipment that uses CFCs, HCFCs or other ozone-depleting substances? ☐ **Yes** ☐ **No**

2. Does any air conditioner(s) or any piece(s) of refrigeration equipment contain a refrigeration charge greater than 50 lbs? ☐ **Yes** ☐ **No**
   (If the answer is yes, describe the type of equipment and how many units are at the facility.)

3. Do your facility personnel maintain, service, repair, or dispose of any motor vehicle air conditioners (MVACs) or appliances ("appliance" and "MVAC" as defined at 82. 152)? ☐ **Yes** ☐ **No**

4. Cite and describe which Title VI requirements are applicable to your facility (i.e. 40 CFR Part 82, Subpart A through G.)

To save paper and to standardize the application format, delete this sentence, and begin your submittal for this item here.

19.6 Compliance Plan and Schedule

Applications for sources, which are not in compliance with all applicable requirements at the time the permit application is submitted to the department, must include a proposed compliance plan as part of the permit application package. This plan shall include the information requested below:

A. Description of Compliance Status: (20.2.70.300.D.11.a NMAC)
A narrative description of your facility's compliance status with respect to all applicable requirements (as defined in 20.2.70 NMAC) at the time this permit application is submitted to the department.

B. Compliance plan: (20.2.70.300.D.11.B NMAC)

A narrative description of the means by which your facility will achieve compliance with applicable requirements with which it is not in compliance at the time you submit your permit application package.

C. Compliance schedule: (20.2.70.300D.11.c NMAC)
A schedule of remedial measures that you plan to take, including an enforceable sequence of actions with milestones, which will lead to compliance with all applicable requirements for your source. This schedule of compliance must be at least as stringent as that contained in any consent decree or administrative order to which your source is subject. The obligations of any consent decree or administrative order are not in any way diminished by the schedule of compliance.

D. Schedule of Certified Progress Reports: (20.2.70.300.D.11.d NMAC)
A proposed schedule for submission to the department of certified progress reports which also is included in the compliance schedule. The proposed schedule must call for these reports to be submitted at least every six (6) months.

E. Acid Rain Sources: (20.2.70.300.D.11.e NMAC)
If your source is an acid rain source as defined by EPA, the following applies to you. For the portion of your acid rain source subject to the acid rain provisions of title IV of the federal Act, the compliance plan must also include any additional requirements under the acid rain provisions of title IV of the federal Act. Some requirements of title IV regarding the schedule and methods the source will use to achieve compliance with the acid rain emissions limitations may supersede the requirements of title V and 20.2.70 NMAC. You will need to consult with the Air Quality Bureau permitting staff concerning how to properly meet this requirement.

NOTE: The Acid Rain program has additional forms. See http://www.nmenv.state.nm.us/aqb/index.html. Sources that are subject to both the Title V and Acid Rain regulations are **encouraged** to submit both applications **simultaneously**.

To save paper and to standardize the application format, delete this sentence, and begin your submittal for this item here.

19.7 - 112(r) Risk Management Plan (RMP)

Any major sources subject to section 112(r) of the Clean Air Act must list all substances that cause the source to be subject to section 112(r) in the application. The permittee must state when the RMP was submitted to and approved by EPA.

To save paper and to standardize the application format, delete this sentence, and begin your submittal for this item here.

19.8 - Distance to Other States, Bernalillo, and Class I Areas

Will the property on which the facility is proposed to be constructed or operated be closer than 80 km (50 miles) from other states, local pollution control programs, and Indian tribes and pueblos (20.2.70.402.A.2 and 20.2.70.7.B NMAC)?

(If the answer is yes, state which apply and provide the distances.)

To save paper and standardize the application format, delete this sentence, and begin your submittal for this item here.

19.9 - Responsible Official

Provide the Responsible Official as defined in 20.2.70.7.AD NMAC:

Section 20

Other Relevant Information

Other relevant information. Use this attachment to clarify any part in the application that you think needs explaining. Reference the section, table, column, and/or field. Include any additional text, tables, calculations or clarifying information.

Additionally, the applicant may propose specific permit language for AQB consideration. In the case of a revision to an existing permit, the applicant should provide the old language and the new language in track changes format to highlight the proposed changes. If proposing language for a new facility or language for a new unit, submit the proposed operating condition(s), along with the associated monitoring, recordkeeping, and reporting conditions. In either case, please limit the proposed language to the affected portion of the permit.

Application Section 2 – Details on Information that is Not Applicable to this permit revision

The following Tables in Section 2 of the application are not applicable to this permit revision as this revision is to install additional Munters thermal oxidizers. The addition of these thermal oxidizers, cooling towers, boilers, ammonia treatment system and the bulk specialty solvent system does not affect any other equipment at the facility. Specific reasons as to why each section is not applicable are cited below following the Table titles.

Table 2-G: Stack Exit and Fugitive Emission Rates for Special Stacks

– This permit revision is specific to the installation of thermal oxidizers, cooling towers, boilers, ammonia treatment system and bulk specialty solvent waste treatment system and all information relevant to the that equipment is required to be placed in other tables

Table 2-K: Liquid Data for Tanks Listed in Table 2-L

– This permit revision is specific to the installation of thermal oxidizers, cooling towers, boilers, ammonia treatment system and bulk specialty solvent waste treatment system and all information relevant to the that equipment is required to be placed in other tables.

Table 2-L: Tank Data

– This permit revision is specific to the installation of thermal oxidizers, cooling towers, boilers, ammonia treatment system and bulk specialty solvent waste treatment system and all information relevant to the that equipment is required to be placed in other tables.

Table 2-L2: Liquid Storage Tank Data Codes Reference Table

– This permit revision is specific to the installation of thermal oxidizers, cooling towers, boilers, ammonia treatment system and bulk specialty solvent waste treatment system and all information relevant to the that equipment is required to be placed in other tables.

Table 2-M: Materials Processed and Produced

– The quantity of material processed and produced at the facility is not related to the installation of thermal oxidizers, boilers, cooling towers, ammonia treatment systems and the bulk specialty solvent waste treatment system and therefore not information is required in this section.

Table 2-N: CEM

– There are no state or federal regulations that require CEMs on the thermal oxidizers, cooling towers, boilers, ammonia treatment system and bulk specialty solvent waste treatment systems and therefore no information is required in this table.

Table 2-O: Parametric Emissions Measurement Equipment

– There are no parametric emissions measurement equipment requirements and therefore no information is required in this table.

Calculations

– All information as required for Sections 6 and 7 of the application is included in the attached document in this section. No calculation information is included in Table 2.

Details on other Sections that are Not Applicable to this permit revision

The following Sections of the application are not applicable to this permit revision. Specific reasons are cited below following the Section titles.

Section 1-C: Facility Input Capacity & Production Rate

– The facility's maximum input capacity and production rate is not related to the installation of thermal oxidizers, boilers, cooling towers, ammonia treatment systems and the bulk specialty solvent waste treatment system and therefore not information is required in this section.

Section 11: PSD Applicability Determination for All Sources

– The Intel facility is not subject to PSD and therefore no information is required in this section.

Section 12: Special Requirements for a PSD Application

– The Intel facility is not subject to PSD and therefore no information is required in this section.

Section 15: Alternative Operating Scenarios

– There are no alternative operating scenarios for the Intel facility and therefore no information is required in this section.

Section 18: Addendum for Streamline Applications (streamline applications only)

– This application is not being submitted as a streamlined application and therefore no information is required in this section.

Section 19: Requirements for the Title V (20.2.70 NMAC) Program (Title V applications only)

– The Intel facility if not subject to the Title V Program and therefore no information is required in this section.

Section 21: Addendum for Landfill Applications

– This permit application is not for a landfill and therefore no information is required in this section.

Section 6 and Section 7 Information by Equipment Type

Thermal Oxidizers

Section 6 Information
Table 2-E: Requested Allowable Emissions

Hourly Emission Limits
The hourly rates requested for NOx, CO, SO2, TSP and PM10 are the same rates that are currently permitted for the existing Munters thermal oxidizers and these are the same emission rates that have been in the permit for the previous Durr thermal oxidizers since the permit was issued for that equipment in Air Quality Permit #325-M7. Intel is not requesting a change to these emission rates for the additional thermal oxidizers.

Annual Emission Limits
Condition 2.B.i of Air Quality Permit #0325-M10 states the plant site emission limits (PSELs) for NOx and CO. Intel is not requesting a modification to the PSELs with the addition of new equipment. The PSEL for NOx is 95.7 tons and the PSEL for CO is 94.7 tons.

Condition 2.B.ii of Air Quality Permit #0325-M10 states the PSEL for TSP/PM10 from the thermal oxidizers. Intel is not requesting a modification to the PSELs with the addition of new equipment. The PSEL for TSP/PM10 from the thermal oxidizers is 14.2 tons.

Condition 4.B. of Air Quality Permit #0325-M10 states the PSEL for VOCs. Intel is not requesting a modification to the PSELs with the addition of new equipment. The PSEL for VOCs is 96.5 tons.

Table 2-F: Additional Emissions during Startup, Shutdown, and Routine Maintenance (SSM)
Emission from the thermal oxidizers during SSM will not require an increase in the Requested Allowable Emissions listed in Table 2E. When and oxidizer is shutdown for any reason, including routine maintenance, there are no combustion emissions, or emissions from burning natural gas during this time. Emissions of VOCs are increased during this time but will remain below the PSEL as listed in Table 2E as annual downtime of all thermal oxidizers has historically been very low and the addition of these units will provide redundancy and therefore further reduce the downtime. The thermal oxidizers take approximately 30-45 minutes to get up to the required operating temperature and therefore emissions during start up will also remain below the requested allowable levels listed in Table 2E.

Table 2-I: Stack Exit and Fugitive Emission Rates for HAPs and TAPs
Emissions for Table 2I for total HAPs are based on the emissions report submitted to NMED for Q3 2010. The HAPs emissions that are vented to the thermal oxidizer are ethylene glycol and methanol. Total rolling annual emissions in this report were 0.08 tons. Assuming that there will be a total of ten thermal oxidizers this number was divided by ten to get a ton per year per unit of 0.008. This number was also assumed to be the emission rate for the additional units.

There are no individual HAPs or TAPs that exceed the screening levels specified in Table 2I and therefore no individual HAPs or TAPs are required to be reported in this section.

Section 7 Information

Information to Support Table 2-C Emissions Control Equipment and Table 2-E Requested Allowable Emissions
The attached sheets are performance testing for the three existing Munters units installed. The additional units requested will be the same as those installed and are expected to meet the same NOx and CO emissions and the same removal efficiencies.

MUNTERS PERFORMANCE STUDY
FIRST QUARTER 2009 (H1Q109)
Intel Rio Rancho Facility
Page 2

Table 1
Munters Unit 1 (VOC138-1-120)

Mode	Start	Stop	TO FID VOC Conc. (ppm as C_3H_8)	Rotor FID VOC Conc. (ppm as C_3H_8)	Inlet FID VOC Conc. (ppm as C_3H_8)	TO Exhaust Emissions (lbs/hr)	Rotor Exhaust Emissions (lbs/hr)	Combined Emissions (lbs/hr)	Inlet Loading (lbs/hr)	Efficiency (%)
Mode 1	02/17/09 16:00	02/17/09 17:00	0.00	0.67	13.16	0.00	0.11	0.11	1.95	94.13%
Mode 1	02/17/09 17:00	02/18/09 08:00	0.00	0.63	14.59	0.00	0.09	0.09	2.16	95.61%
Mode 3	02/18/09 16:15	02/18/09 18:00	0.00	0.59	15.29	0.00	0.04	0.04	1.12	96.32%

VOC Results – with Subtraction of Methane Concentration into and out of the Rotor

Mode	Start	Stop	TO FID VOC Conc. (ppm as C_3H_8)	Rotor FID VOC Conc. (ppm as C_3H_8)	Inlet FID VOC Conc. (ppm as C_3H_8)	TO Exhaust Emissions (lbs/hr)	Rotor Exhaust Emissions (lbs/hr)	Combined Emissions (lbs/hr)	Inlet Loading (lbs/hr)	Efficiency (%)
Mode 1	02/17/09 16:00	02/17/09 17:00	0.00	0.08	12.56	0.00	0.013	0.013	1.86	99.31%
Mode 1	02/17/09 17:00	02/18/09 08:00	0.00	0.03	13.99	0.00	0.005	0.005	2.07	99.77%
Mode 3	02/18/09 16:15	02/18/09 18:00	0.00	0.00	14.69	0.00	0.000	0.000	1.08	100.00%

TO Exhaust NO_x/CO Results

Mode	Start	Stop	NOx (ppm)	NOx (lbs/hr)	CO (ppm)	CO (lbs/hr)
Mode 1	02/17/09 16:00	02/17/09 17:00	10.28	0.10	7.45	0.05
Mode 1	02/17/09 17:00	02/18/09 08:00	10.09	0.09	7.94	0.05
Mode 3	02/18/09 16:15	02/18/09 18:00	8.50	0.04	0.40	0.00

MUNTERS PERFORMANCE STUDY
Intel Rio Rancho Facility
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Table 2
Munters Unit 3 (VOC138-3-120) Detailed Test Results

Mode	Start	Stop	TO FID VOC Conc. (ppm as C_3H_8)	Rotor FID VOC Conc. (ppm as C_3H_8)	Inlet FID VOC Conc. (ppm as C_3H_8)	TO Exhaust Emissions (lbs/hr)	Rotor Exhaust Emissions (lbs/hr)	Combined Emissions (lbs/hr)	Inlet Loading (lbs/hr)	Efficiency (%)
Mode 1	01/13/10 08:00	01/13/10 09:00	0.25	1.12	24.05	0.0026	0.105	0.108	2.31	95.34%
Mode 2	01/13/10 10:00	01/13/10 11:00	0.09	1.01	32.59	0.0009	0.063	0.064	1.96	96.75%
Mode 3	01/13/10 11:25	01/13/10 12:25	0.00	1.04	40.12	0.0000	0.063	0.063	2.46	97.42%

VOC Results – with Subtraction of Methane Concentration into and out of the Rotor

Mode	Start	Stop	TO FID VOC Conc. (ppm as C_3H_8)	Rotor FID VOC Conc. (ppm as C_3H_8)	Inlet FID VOC Conc. (ppm as C_3H_8)	TO Exhaust Emissions (lbs/hr)	Rotor Exhaust Emissions (lbs/hr)	Combined Emissions (lbs/hr)	Inlet Loading (lbs/hr)	Efficiency (%)
Mode 1	01/13/10 08:00	01/13/10 09:00	0.25	0.49	23.50	0.0026	0.046	0.048	2.25	97.85%
Mode 2	01/13/10 10:00	01/13/10 11:00	0.09	0.40	32.04	0.0009	0.025	0.026	1.93	98.66%
Mode 3	01/13/10 11:25	01/13/10 12:25	0.00	0.44	39.57	0.0000	0.027	0.027	2.42	98.90%

TO Exhaust NO_x/CO Results

Mode	Start	Stop	NOx (ppm)	NOx (lbs/hr)	CO (ppm)	CO (lbs/hr)
Mode 1	01/13/10 08:00	01/13/10 09:00	8.29	0.09	6.35	0.04
Mode 2	01/13/10 10:00	01/13/10 11:00	8.19	0.08	2.45	0.01
Mode 3	01/13/10 11:25	01/13/10 12:25	7.81	0.05	2.16	0.01

Attached is also the burner specification sheet from the burner manufacturer.

Data 111-6
7/7/06

Eclipse Combustion

Winnox Burners

Model WX0200

Version 1

Main Specifications

PARAMETER		SPECIFICATIONS	
Blower Type		Packaged blower	Remote blower
Maximum input, BTU/hr (kW)	Chamber pressure "WC (mbar)	Nominal (60 Hz)	Pressure at air inlet 1 psig (70 mbar)
Note: *Capacities given without air filter.* *Contact factory for chamber pressures outside the given range, or varying chamber pressure conditions.*	-5.0 (-12.5)	2,275,000 (667)	2,610,000 (765)
	-3.0 (-7.5)	2,170,000 (634)	2,525,000 (740)
	0.0	**2,000,000 (586)**	**2,400,000 (703)**
	1.0 (2.5)	1,940,000 (568)	2,355,000 (690)
	2.0 (5.0)	1,880,000 (551)	2,310,000 (677)
Minimum input, BTU/hr (kW)		150,000 (39)	
Fuel inlet pressure at ratio regulator, "w.c. (mbar)[1]	Maximum	40.0 (100)	40.0 (100)
	Minimum	23.0 (58)	30.0 (75)
Maximum chamber temperature, °F (°C) *Note: Tube and plug temperatures should be reduced 150°F when using propane or butane.*		Standard combustion tube: 1300 (704) High temp. combustion tube: 1550 (843) Refractory Plug: 1800 (982)	
Flame Length	Alloy Tube	Flame is inside tube at all inputs	
Excess Air, % at high fire		40%	
Piping		N.P.T. or B.S.P. burner piping available	
Flame detection		Flame Rod or U.V. Scanner	
Fuels		Natural gas [2] *For any other mixed gas, contact Eclipse Combustion*	
Blower Motor Power, hp		3.0	
Weight, lbs (kg)	Alloy Tube	262 (119)	180 (82)
	Refractory Plug	235 (106)	153 (70)

1) For proper performance, this pressure must be kept constant across the burner operating range.
2) See Design Guide for more information about typical fuel composition and properties.

- All information is based on laboratory testing. Different chamber size and conditions will affect data.
- Maximum inputs for packaged blower versions are given for the standard combustion air blower without an inlet air filter.
- All inputs are based on gross calorific values and standard conditions: one atmosphere, 70° F (21° C)
- Eclipse reserves the right to change the construction and/or configuration of our products at any time without being obliged to adjust earlier supplies accordingly.

ECLIPSE

Information to support Table 2I Stack Exit and Fugitive Emission Rates for HAPs and TAPs
Excerpt from Quarterly Emissions Report submitted to NMED Q3 2010 – HAP and TAP emissions that go to the thermal oxidizers.

12-Month Rolling Total Emissions

Emissions	**Calculated Rolling Annual Emissions October'09 through September'10 (tons/year)**
Total HAPs Emissions (tons):	4.05
EG	0.01
Methanol	0.07

TAP Total Potential Emissions
TAPs emissions to the thermal oxidizers are all below the screening levels. All TAPs calculations used an emission factor of 1 which means that all use is assumed to be emitted. In addition no control device removal efficiency is accounted for.

TAP	Emission Factor	20 NMAC 2.72 Screening Level (lb/hr)	Corrected Screening Level (lb/hr)	Q3 2010 Total Potential Emissions (lb/hr)
Acetic Acid	1	1.67	N/A	0.16
n-Butyl Alcohol	1	10.0	N/A	0.12
Cyclohexanone	1	6.67	126.73	19.52
Isopropyl Alcohol	1	65.3	N/A	45.85
Methyl n-amyl ketone (2-heptanone)	1	15.7	N/A	0.17

Ammonia Treatment System

Table 2-E: Requested Allowable Emissions

Hourly Emission Limits

The hourly rates requested for NOx, CO, SO2, TSP and PM10 are the same rates that are currently permitted for the existing Ammonia Treatment System. Intel is not requesting a change to these emission rates for the additional ammonia treatment systems.

Annual Emission Limits

Condition 2.B.i of Air Quality Permit #0325-M10 states the plant site emission limits (PSELs) for NOx and CO. Intel is not requesting a modification to the PSELs with the addition of new equipment. The PSEL for NOx is 95.7 tons and the PSEL for CO is 94.7 tons.

Condition 4.B. of Air Quality Permit #0325-M10 states the PSEL for VOCs. Intel is not requesting a modification to the PSELs with the addition of new equipment. The PSEL for VOCs is 96.5 tons.

Table 2-F: Additional Emissions during Startup, Shutdown, and Routine Maintenance (SSM)

Emission from the ammonia treatment system will not require an increase in the Requested Allowable Emissions listed in Table 2E. When the ammonia treatment system is shutdown for any reason, including routine maintenance, there are no combustion emissions, or emissions from burning natural gas during this time. There will be no other air emissions any time the system is not operating as this system is designed to remove ammonia from a wastewater stream.

Table 2-I: Stack Exit and Fugitive Emission Rates for HAPs and TAPs

The ammonia treatment system will be an additional source of ammonia emissions for the site. Intel is required to demonstrate that the site remains below the TAPs screening levels on a quarterly basis per Condition 9.A.iii.g. Intel has performed this analysis now based on the expected emissions of all four (4) treatment systems and the last quarterly report submitted (Q4'10) to demonstrate that ammonia emissions will remain below the TAPs screening level. Continued compliance will be demonstrated as required by the permit.

The table shows the calculation for ammonia for Q3 2010 as submitted to NMED in the quarterly emissions report.

TAP	Emission Factor	20 NMAC 2.72 Screening Level (lb/hr)	Corrected Screening Level per 20 NMAC 2.72.502 (lb/hr)	Q3 2010 Total Potential Emissions (lb/hr)
Ammonia	1	1.20	22.80	11.53

Based on the expected maximum amount of ammonia that will go to the treatment system, it is estimated that 0.18 lb/hr of ammonia will be emitted for each treatment system. This addition to the site total will not cause Intel to exceed the ammonia screening level. When the treatment systems are operational, Intel will include the ammonia treatment system ammonia emissions in the quarterly calculations as required by the permit.

There are no individual HAPs or TAPs that exceed the screening levels specified in Table 2I and therefore no individual HAPs or TAPs are required to be reported in this section.

Section 7 Information

Information to Support Table 2-C Emissions Control Equipment and Table 2-E Requested Allowable Emissions

The attached file contains manufacturer's information on the catalyst.

CATALYTIC PRODUCTS INTERNATIONAL

METAC ® CATALYST PRODUCTS

Catalytic Products International, Inc. designs and manufactures custom catalyst and catalyst retrofit systems for VOC, CO, and NOx from a variety of industrial and generating industries. Our unique monolith structures create low back pressure and offer high geometric surface areas, both necessary for high performance and low operating costs.

The modular designs offered in the METAC Catalyst Products Group allow CPI to customize the size and configuration of the catalyst for the specific needs of your application. Not every application is identical. Pressure requirements, particulate size, solvent types, concentrations, performance requirements, installation requirements all come into design consideration. CPI offers over 100 different catalyst options to match the specific needs of your application.

The right chemistry forms the building blocks for an efficient catalyst. At CPI, our engineers have developed and refined our METAC Catalyst Products to offer a highly dispersed, finely divided precious metal particle distribution over customized structures offering enormous surface areas. The combined efforts of particle distribution and maximized surface area afford low operating temperatures, thermally stable operations, and long life.

Catalytic Products International, Inc. is a 40 year old manufacture of catalyst products, fume oxidation systems, heat recovery systems, energy conservation, maintenance and repair service, engineering service. A partial list of METAC Catalyst Products users include; nuclear power generation, turbine and boiler emission control, metal decorating, printing, food processing, semiconductor, chemical processing, petrochemical processing, gen-set emission control, among many others...

Please contact us for more information about our expertise in
cost effective abatement of VOC, CO, and NOx

Catalysts, Thermal Oxidizers, Regenerative Thermal Oxidizer's, Catalytic Oxidizer's, Heat Recovery System's, Energy Conservation, Repair and Retrofit Services, Maintenance Services, Engineering

980 Ensell Road Lake Zurich, Illinois 60047 tel: 847-438-0334 fax: 847-438-0944
e-mail: info@cpilink.com website: www.cpilink.com

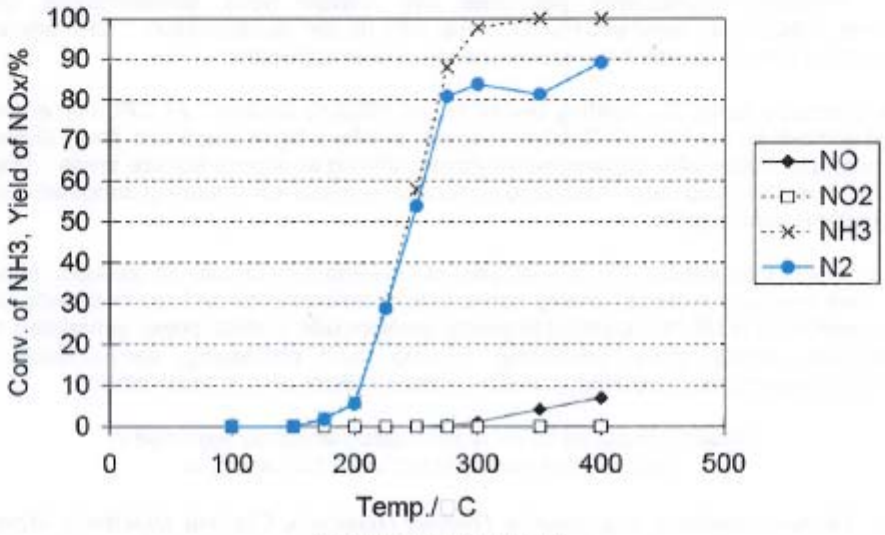
CATALYTIC PRODUCTS INTERNATIONAL

AMMONIA REMOVAL CATALYST

Typical Chemical and Physical Properties

Catalyst Name	Ammonia Removal Catalyst Envicat 2060
Catalyst Form	230 cpsi Ceramic Honeycomb Monolith Unit Blocks: 5.91" x 5.91" x 3" 12 unit blocks per module
Description	Catalyst used for CO, VOC, and selective NH3 reduction. Cordierite ceramic monolith substrate with V2O5 and Alumina wash coat and Platinum Group Metals
Containment	304 stainless steel housing with removable lid. Ceramic blanket surrounding the unit blocks. Module: 12-1/2 x 12-1/2 x 9-1/2
Physical Properties	Washcoat surface area: > 80 m2/g Bulk Density: 36 lbs/ft3 Module Weight: 30 lbs
Application	Design Maximum Air Volume: 7,500 scfm Design Temperature: 450 – 650 F Ideal Temperature: 570 F (estimate) Volume Installed: 22.5 cf Space Velocity Installed: 20,000 $^{hr-1}$ Number of Modules Installed: 30

Fig. Oxidation of NH3 over Precious Metal Catalyst (honeycomb)
SV=20000h-1, NH3(5000ppm), Air balance, H2O(5%)



(example performance)

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e-mail: info@cpilink.com website: www.cpilink.com

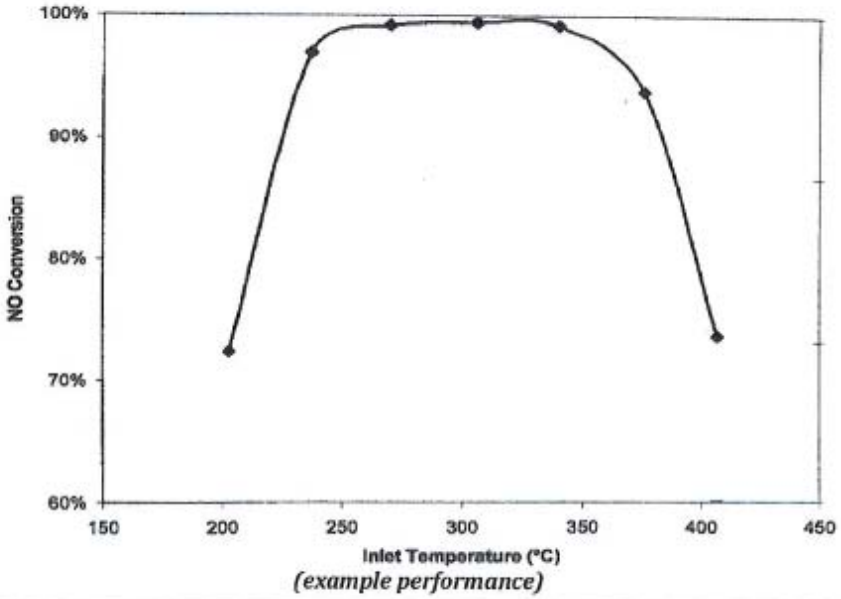
CATALYTIC PRODUCTS INTERNATIONAL

NOX REMOVAL CATALYST

Typical Chemical and Physical Properties

Catalyst Name	NOx Removal Catalyst Envicat SCR
Catalyst Form	230 cpsi Ceramic Honeycomb Monolith Unit Blocks: 5.91" x 5.91" x 3" 16 unit blocks per module
Description	Catalyst used for selective NO and NO2 reduction using NH3 as reactant Cordierite ceramic monolith substrate with Titania wash coat and V2O5 coating
Containment	304 stainless steel housing with removable lid. Ceramic blanket surrounding the unit blocks. Module: 12-1/2 x 12-1/2 x 12-1/2
Physical Properties	Washcoat surface area: > 80 m2/g Bulk Density: 36 lbs/ft3 Module Weight: 40 lbs
Application	Design Maximum Air Volume: 7,500 scfm Design Temperature: 450 – 650 F Ideal Temperature: 575 F (estimate) Volume Installed: 30 cf Space Velocity Installed: 15,000 $^{hr-1}$ Number of Modules Installed: 30

NO conversion over NOx Removal Catalyst
SV = 15,000 h-1, NO = 1,000 ppmv, NH3 reactant = 1,000 ppmv



(example performance)

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CATALYTIC PRODUCTS INTERNATIONAL

GUARD BED

Typical Chemical and Physical Properties

Catalyst Name	Guard Bed
Catalyst Form	300 cpsi Ceramic Honeycomb Monolith Unit Blocks: 5.91" x 5.91" x 1.5" 4 unit blocks per module
Description	Guard Bed used to provide a sacrificial layer located before active catalyst layers. Cordierite ceramic monolith substrate with Alumina wash coat
Containment	304 stainless steel housing with removable lid. Ceramic gasket surrounding the unit blocks. Module: 12-1/2 x 12-1/2 x 2
Physical Properties	Washcoat surface area: > 180 m2/g Bulk Density: 36 lbs/ft3 Module Weight: 10 lbs
Application	Design Maximum Air Volume: 7,500 scfm Design Temperature: < 1,100 F Volume Installed: 3.75 cf Number of Modules Installed: 30

980 Ensell Road Lake Zurich, Illinois 60047 tel: 847-438-0334 fax: 847-438-0944
e-mail: info@cpilink.com website: www.cpilink.com

Attached is also the burner specification sheet from the burner manufacturer.

CATALYTIC PRODUCTS INTERNATIONAL

BURNER

NGB 293-0-70

DETAILED INFORMATION

DESCRIPTION:	Natural Gas Burner: The pre-heat burner is designed to raise the process off gas to the desired catalyst bed inlet temperature. The system uses an externally mounted combustion air blower to provide the necessary combustion air.
MANUFACTURER:	MAXON
MODEL NUMBER:	OPLE ASUNSHYIBAN
BURNER STYLE:	Oven Pak LE - EB Burner – External Blower
SIZE:	(A) OPLE EB40, 4MMBtu/HR
INSTALLED CAPACITY	3.00 MMBTUH WITH 3,000 CFH NG AT GAS TRAIN
CONNECTIONS:	Air-6", Gas-1.25"
PILOT:	Standard Interrupted Pilot, 80,000 BTUH maximum capacity
FLAME DETECTION:	UV Scanner
FUEL:	Natural Gas @ 1,000 BTU/SCF
GAS TURNDOWN	50:1 MAXIMUM
NOX EMISSION RATE	0.06 LBS/MMBTU EXPECTED
CO EMISSION RATE	0.30 LBS/MMBTU EXPECTED
MIXING CONE:	Standard Mixing Cone
DISCHARGE SLEEVE:	High Temperature Sleeve 330SS
OVEN WALL GASKET:	Gasket Provided
CONTROL VALVES:	Internal Control Valves
CB&L:	Smart link MRV
POSITION SWITCH:	No Position Switch
AIR SHAFT SIDE:	Right

NOTES

1. **None**

FULL TAG LIST

TAG NO.	SERVICE	P&ID
NGB 293-0-70	AIR	31A

END DATA SHEET

980 Ensell Road Lake Zurich, Illinois 60047 tel: 847-438-0334 fax: 847-438-0944
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Bulk Specialty Solvent Waste Treatment System

Section 6 Information
Table 2-E: Requested Allowable Emissions

Hourly Emission Limits
The hourly emission limits requested are based on the manufacturer's data from the combustion of natural gas.

Annual Emission Limits
Condition 2.B.i of Air Quality Permit #0325-M10 states the plant site emission limits (PSELs) for NOx and CO. Intel is not requesting a modification to the PSELs with the addition of new equipment. The PSEL for NOx is 95.7 tons and the PSEL for CO is 94.7 tons.

Condition 4.B. of Air Quality Permit #0325-M10 states the PSEL for VOCs. Intel is not requesting a modification to the PSELs with the addition of new equipment. The PSEL for VOCs is 96.5 tons.

Table 2-F: Additional Emissions during Startup, Shutdown, and Routine Maintenance (SSM)
Emission from the bulk specialty solvent waste treatment system during SSM will not require an increase in the Requested Allowable Emissions listed in Table 2E. When and bulk specialty solvent waste treatment system is shutdown for any reason, including routine maintenance, there are no combustion emissions, or emissions from burning natural gas during this time. There will be no other air emissions any time the system is not operating as this system is designed to treat a RCRA defined reactive waste to make it safe for offsite shipment.

Table 2-I: Stack Exit and Fugitive Emission Rates for HAPs and TAPs
There are no individual HAPs or TAPs that exceed the screening levels specified in Table 2I and therefore no individual HAPs or TAPs are required to be reported in this section.

Section 7 Information

Information to Support Table 2-C Emissions Control Equipment and Table 2-E Requested Allowable Emissions
Attached is the burner specification sheet from the burner manufacturer.

CATALYTIC PRODUCTS INTERNATIONAL

3. BURNER SYSTEM

The burner will be an Eclipse Thermjet Nozzle Mix Burner. A nozzle mix burner uses external combustion air to provide sufficient oxygen even in an oxygen-deficient air stream, these burners can provide a high turndown, and this particular burner offers low byproducts of combustion. The burner is designed to promote mixing when fired into the combustion tube. This design provides the high velocity which creates a tremendous amount of turbulence and leads to the excellent temperature uniformity for which QUADRANT oxidizers are known. The Eclipse Thermjet is fired on natural gas and emits low levels of NOx and CO.

The Burner System will include the following:

3.1. Eclipse Thermjet nozzle mix gas burner system
- 3.1.1. Installed Capacity: 500,000 MMBTUH
- 3.1.2. Minimum Fire: 60,000 BTUH
- 3.1.3. Discharge: Ceramic discharge sleeve pre-mounted into the combustion chamber
- 3.1.4. Natural gas operation at 500 CFH @ 5 psig

Boiler

Section 6 Information

Table 2-E: Requested Allowable Emissions

Hourly Emission Limits

The hourly rates requested for NOx, CO, SO2, TSP and PM10 are the same rates that are currently permitted for the existing boilers. Intel is not requesting a change to these emission rates for the additional boiler.

Annual Emission Limits

Condition 2.B.i of Air Quality Permit #0325-M10 states the plant site emission limits (PSELs) for NOx and CO. Intel is not requesting a modification to the PSELs with the addition of new equipment. The PSEL for NOx is 95.7 tons and the PSEL for CO is 94.7 tons.

Condition 4.B. of Air Quality Permit #0325-M10 states the PSEL for VOCs. Intel is not requesting a modification to the PSELs with the addition of new equipment. The PSEL for VOCs is 96.5 tons.

Table 2-F: Additional Emissions during Startup, Shutdown, and Routine Maintenance (SSM)

Emission from the boilers during SSM will not require an increase in the Requested Allowable Emissions listed in Table 2E. When a boiler is shutdown for any reason, including routine maintenance, there are no combustion emissions, or emissions from burning natural gas during this time. A boiler during start up is run in the low fire position and emissions during this time will also remain below the requested allowable levels listed in Table 2E.

Table 2-I: Stack Exit and Fugitive Emission Rates for HAPs and TAPs

There are no individual HAPs or TAPs that exceed the screening levels specified in Table 2I and therefore no individual HAPs or TAPs are required to be reported in this section.

Section 7 Information

Information to Support Table 2-E Requested Allowable Emissions

Standard guarantee of 10 ppm CO is as follows.
Once again the CO reading must be corrected to 3% O2 (already there)
The corrected value in ppm CO is divided by a constant.
10ppm / 1370 = .007 lbs/mmbtu

First the O2 reading is corrected to 3% (in our case that was the prediction).
Then the corrected value of NOx is divided by 850 (a constant).
30ppm/850 = .035 lbs/mmbtu.
This can also be run with your actual site data correcting to 3%. If you are running sub 3% the correction will lower the ppm value and subsequently lower your lbs/mmbtu value as well.

Limpsfield

Advantica
BS EN ISO 9001 : 2000

UKAS
QUALITY
MANAGEMENT
079

UL LISTED

Plant on Site
6 x Superior steam boilers
Model Number 6 - 5 - 6250
Year built: 1994
Boiler Output: 43,125 lbs/hr.

Our supply would be per boiler

- 1 x LCNO 175 Dual fuel burner firing Natural Gas and Number fuel 2 oil. Burner input would be 52,500,000 Btu/hr.
- 1 x Transitional duct to connect the existing fan to the new burner.
- 1 x Number 2 fuel oil pump set.
- 1 x control panel complete with Autoflame MM Mk 6 unit.

Natural gas firing
In order to achieve the 5:1 turndown requirements where firing natural gas, we will use a split gas head design. The split head requires a minimum gas pressure of 3.5 psi after the gas train.

Natural gas firing performance expectations:

- *O2* *3%*
- *CO2* *10%*
- *CO* *Sub 10ppm*
- *NOx* *Sub 30 ppm*
- *Turn down* *5:1*

Number 2 Oil (back up fuel)
In order to achieve a 4: 1 turndown firing on number 2 oil, we would propose to use a pressure atomised oil lance.

Number 2 firing performance expectations:

- *O2* *3 - 3.5 %*
- *CO2* *12.5 - 13%*
- *Smoke* *less than Number 1*
- *turn down* *4:1*

Engineering
To confirm our pricing, we will need to obtain boiler furnace pressure, furnace dimensions center line of burner to the ground etc. as this will ensure that our offer is suitable for the boiler applications in mind. The transitional duct will be manufactured to fit the new burner and the existing FD fan.

Cooling Towers

Section 6 Information

Table 2-E: Requested Allowable Emissions

Hourly Emission Limits

The hourly emissions rates for particulates (TSP, PM10 and PM2.5) are based on maximum flow rate, maximum expected total dissolved solids and drift loss.

TDS=	7000	mg/l
rho	2.2	

Droplet Diameter um	Droplet Volume (um)3	Droplet Mass ug	PM Mass ug	PM Volume (um)3	Solid Diameters um	Mass Fraction %
10	523.6	0.001	3.67E-06	1.7	1.5	0
20	4188.7	0.004	2.93E-05	13.3	2.9	0.2
30	14136.8	0.014	9.90E-05	45.0	4.4	0.2
40	33509.5	0.034	2.35E-04	106.6	5.9	0.5
50	65448.2	0.065	4.58E-04	208.2	7.4	1.8
60	113094.4	0.113	7.92E-04	359.8	8.8	5.7
70	179589.7	0.180	1.26E-03	571.4	10.3	21.3
90	381693.6	0.382	2.67E-03	1214.5	13.2	48.8
110	696892.0	0.697	4.88E-03	2217.4	16.2	70.5
130	1150316.8	1.150	8.05E-03	3660.1	19.1	82.0
150	1767100.2	1.767	1.24E-02	5622.6	22.1	88.0
180	3053549.1	3.054	2.14E-02	9715.8	26.5	91.0
210	4848922.9	4.849	3.39E-02	15428.4	30.9	92.5
240	7238042.4	7.238	5.07E-02	23030.1	35.3	94.1
270	10305728.3	10.306	7.21E-02	32791.0	39.7	94.7
300	14136801.6	14.137	9.90E-02	44980.7	44.1	96.3
350	22448717.3	22.449	1.57E-01	71427.7	51.5	97.0
400	33509455.6	33.509	2.35E-01	106621.0	58.8	98.3
450	47711705.3	47.712	3.34E-01	151810.0	66.2	99.1
500	65448155.4	65.448	4.58E-01	208244.1	73.5	99.1
600	113094412.6	113.094	7.92E-01	359845.9	88.2	100

Calculating Realistic PM10 Emissions from Cooling Towers
Abstract No. 216 Session No. AM-1b
Joel Reisman and Gordon Frisbie

Equation For PM

$$PM_{(lbs/hr)} = \left(Recirc\ Rate_{gal/min}\right) * \left(60_{min/hr}\right) * \left(Drift\ factor_{(\%/100)}\right) * \left(Dispersion\ Factor_{(\%/100)}\right) * \left(TDS_{lb/gal}\right)$$

1979 EPA document "Effects of Pathogenic and Toxic

Dipsersion Factor (for TSP 0.313

only)

TDS (ppm)	7000	Materials Transported Via Cooling Device Drift - Vol 1. Technical Report, EPA-600/7-79-251a, November 1979. Figure 8 indicates that larger droplets drop out quickly and that "31.3% of drift mass governed by atmospheric dispersion".
PM10	21.348	assumed value closest to 10 um
PM2.5	0.196	assumed value closest to 2.5 um

	max gpm per pump	drift rate %	lb/hr TSP	lb/hr PM10	lb/hr PM2.5
NEC7 CT1	6000	0.02	1.32	0.90	0.008
NEC7 CT2	6000	0.02	1.32	0.90	0.008
NEC7 CT3	6000	0.02	1.32	0.90	0.008
NEC7 CT4	3000	0.02	0.66	0.45	0.004
NEC9 CT1	6000	0.02	1.32	0.90	0.008
NEC9 CT2	6000	0.02	1.32	0.90	0.008
NEC9 CT3	6000	0.02	1.32	0.90	0.008
NEC9 CT4	6000	0.02	1.32	0.90	0.008
NEC9 CT5	6000	0.02	1.32	0.90	0.008
NEC9 CT6	6000	0.02	1.32	0.90	0.008
NEC9 CT7	6000	0.02	1.32	0.90	0.008
NEC9 CT8	6000	0.02	1.32	0.90	0.008
CUB CT1	7500	0.002	0.16	0.11	0.001
CUB CT2	7500	0.002	0.16	0.11	0.001
CUB CT3	7500	0.002	0.16	0.11	0.001
CUB CT4	7500	0.002	0.16	0.11	0.001
CUB CT5	7500	0.002	0.16	0.11	0.001
CUB CT6	7500	0.002	0.16	0.11	0.001
CUB CT7	7500	0.002	0.16	0.11	0.001
CUB CT8	7500	0.002	0.16	0.11	0.001
CUB CT9	7500	0.002	0.16	0.11	0.001
CUB CT10	7500	0.002	0.16	0.11	0.001
CUB CT12	7500	0.002	0.16	0.11	0.001
BCP CT1	10000	0.002	0.22	0.15	0.0014
BCP CT2	10000	0.002	0.22	0.15	0.0014
BCP CT3	10000	0.002	0.22	0.15	0.0014
BCP CT4	10000	0.002	0.22	0.15	0.0014
BCP CT5	10000	0.002	0.22	0.15	0.0014
BCP CT6	10000	0.002	0.22	0.15	0.0014
BCP CT7	10000	0.002	0.22	0.15	0.0014
BCP CT8	10000	0.002	0.22	0.15	0.0014
BCP CT9	10000	0.002	0.22	0.15	0.0014
BCP CT10	10000	0.002	0.22	0.15	0.0014

Annual Emission Limits
Intel proposes a plant site emission limit of 95 tons per year of TSP, 95 tons per year PM10 and 95 tons per year for PM2.5 for all particulate emission sources at the site.

Table 2-F: Additional Emissions during Startup, Shutdown, and Routine Maintenance (SSM)
Emission from the cooling towers during SSM will not require an increase in the Requested Allowable Emissions listed in Table 2E.

Table 2-I: Stack Exit and Fugitive Emission Rates for HAPs and TAPs
There are no individual HAPs or TAPs that exceed the screening levels specified in Table 2I and therefore no individual HAPs or TAPs are required to be reported in this section.

Section 7 Information

Information to support Table 2-E Requested Allowable Emissions
NEC Cooling Towers: Drift loss: less than .02% of recirculating water flow rate.
CUB/BCP Cooling Towers: Drift Loss .002% of Total Flow per sensitive paper method

Scrubbers

Section 6 Information

Table 2-E: Requested Allowable Emissions

Hourly Emission Limits
The hourly emissions limits included in Table 2 are based on historical data that was included in 325-M9 permit application and all dispersion modeling conducted since that permit application. These emission rates were included in the dispersion model report included in Section 16 and those same values have been placed in Table 2E. Intel is not proposing that these emission rates be modified at this time. To verify that this data is still applicable to current operations Intel has used maximum flow rate, maximum expected total dissolved solids and drift loss. These values are applied in the same manner, using the equation described for cooling towers. The maximum TDS is the same as that expected for the cooling towers at 7000ppm. The maximum flow rate for each individual scrubber on site is 800 gpm. The drift loss reported by the manufacture is 0.001%. The maximum expected hourly emissions are calculated as TDS x maximum recirculation rate x drift loss as follows:

(7000mg/l / 1000mg/g / 453.6g/lb x 3.785 l/gal) x 800 gallons/min x 60 min/hr x 0.001%/100 = 0.028 lb/hr

While is it not expected that TSP=PM10=PM2.5, Intel conservatively assumes that they are all equal for purposes of this permit application.

Annual Emission Limits
Intel proposes a plant site emission limit of 95 tons per year of TSP, 95 tons per year PM10 and 95 tons per year for PM2.5 for all particulate emission sources at the site.

Table 2-F: Additional Emissions during Startup, Shutdown, and Routine Maintenance (SSM)
Emission from the cooling towers during SSM will not require an increase in the Requested Allowable Emissions listed in Table 2E.

Table 2-I: Stack Exit and Fugitive Emission Rates for HAPs and TAPs
Emissions for Table 2I for total HAPs are based on the emissions report submitted to NMED for Q4 2010. Site emissions of chlorine and hydrogen fluoride exceed the screening level referenced in Table 2I and are therefore included. The site currently has a PSEL for each of these pollutants along with quarterly reporting requirements and only calculates emissions of these at the site level. All additional equipment will remain below the current PSELs.

There are no individual TAPs that exceed the screening levels specified in Table 2I and therefore no individual TAPs are required to be reported in this section.

Section 7 Information

Information to support Table 2-E Requested Allowable Emissions
Drift loss: 0.001% based on testing conducted by equipment manufacture.

Information to support Table 2I Stack Exit and Fugitive Emission Rates for HAPs and TAPs
Excerpt from Quarterly Emissions Report submitted to NMED Q4 2010 – HAP emissions that go to the scrubbers.

12-Month Rolling Total Emissions

Emissions	Calculated Rolling Annual Emissions Jan'10 through Dec'10 (tons/year)
Total HAPs Emissions (tons):	4.41
Total Scrubber HAPs Emissions (tons):	3.14
Cl2	0.35
HF	0.40

Information Applicable to all Equipment

Section 7 Information

Information to Support Table 2-E Requested Allowable Emissions
Excerpt from Quarterly Emissions Report submitted to NMED Q3 2010 – Rolling annual NOx, CO, VOC and Particulate emissions for the site. Current rolling annual emissions demonstrate that the site will remain below the PSELs with the addition of the new units.

12-Month Rolling Total Emissions

Emissions	Calculated Rolling Annual Emissions October'09 through September'10 (tons/year)
VOC	24.08
NO_x	29.3
CO	6.37
Particulates (from RTOs)	1.86

Section 21

Addendum for Landfill Applications

Do not print this section unless this is a landfill application.

Landfill Applications are not required to complete Sections 1-C and 1-E. All other Sections are req

21-A: Landfill Information

1	How long will the landfill be operated?		
2	Maximum operational hours per year:		
3	Landfill Operating hours (open to the public) M-F:	Sat.	
4	Landfill Design Capacity (Tons):	Megagrams:	Cubic meters:
5	Landfill NMOC Emission Rate	☐ Less than 50mg/year	☐ Greater than 50mg/year
6	Annual Waste Acceptance Rate:		
7	Is Petroleum Contaminated Soil Accepted?	If so, what is the annual acceptance rate?	
8	NM Solid Waste Permit No.:	W Permit Date:	
9	Describe NM Solid Waste Permit, Status, and Type of waste deposited in landfill		
10	Describe briefly any process(es) or any other operations conducted at the landfill		

21-B: NMOC Emissions

1	NMOC Emissions based on LandGEM:
2	Tier 1:
3	Tier 2:
4	Tier 3:

EMISSIONS to 40 CFR 60.754 for test methods and procedures or AP-42 Sect.2.4)
In LandGEM calculations and/or testing results.
Fa that have a Landfill GCCS complete the following section.

21-C: Landfill Gas Collection and Control System (GCCS) Design Plan		Yes	No
1	Was the GCCS design certified by a P.E?		
2	Was the Design System Plan submitted within 12 months of the first report of the site exceeding 50Mg/yr?		
3	Is the GCCS planned to be operational within 30 months of the first report of the site exceeding 50 Mg/yr?		
4	Does the GCCS comply with the 2 year/5 year rule?		
5	Is the design life of the GCCS more than 15 years?		
6	Have measures been taken in the GCCS Plan to control lateral gas migration?		
7	If the GCCS design is for a passive system (non enhanced), are the necessary liners in place?		
8	Is adequate density of collectors planned?		
9	Is the Landfill gas conveyance system sized properly?		
10	Is the landfill gas planned to be routed to a control device? (Utility flare, enclosed flare or other)		
11	If the control device is a flare, does it include continuous temperature monitoring and a flow measurement device?		
12	Is the flare sized properly?		
13	Does the GCCS include fittings to allow connection of additional collectors if necessary in the future?		
14	Does the wellhead for all collectors include at least one sample port and one thermometer port?		
15	Operational Issues: 1. Will the GCCS be operated at a vacume at every well? 2. Will the GCCS be operated at the appropriate gas temp? 3. Will the GCCS be operated with minimal amounts of 4. Will monitoring be done monthly to conform with these tional issues? 5. Will surface emissions monitoring be complete 6. Will the blower automatically be shut down if e control device is inoperable?		
16	Was the design diagram for the GCCS, includi e fl , blower, and well location attached to the permit application?		

Section 22: Certification

Company Name: Intel Corporation

I, Frank Gallegos, hereby certify that the information and data submitted in this application are true and as accurate as possible, to the best of my knowledge and professional expertise and experience.

Signed this 2 day of February, 2011, upon my oath or affirmation, before a notary of the State of

New Mexico.

_____ _____
*Signature Date

Frank Gallegos NM Site Environmental, Health & Safety Manager
Printed Name Title

Scribed and sworn before me on this ____ day of _____, _____.

My authorization as a notary of the State of New Mexico expires on the

_____ day of _____, _____.

_____ _____
Notary's Signature Date

_____
Notary's Printed Name

*For Title V applications, the signature must be of the Responsible Official as defined in 20.2.70.7.AD NMAC.