File OKD987072006
Part 14

Igor Shnayder

From: WStone@Kdhe.state.ks.us
Sent: Friday, December 21, 2007 4:03 PM
To: Igor Shnayder; DMorris@kdhe.state.ks.us
Subject: Re: Fw: PSDB Retrieval Request

Sage.xls.xls (14 KB) PSDB Retrieval Request Kansas....

Igor, I'm sorry the PSD retrieval has taken so long. We've run the retreivel and you'll see there is only one unit in Kansas within the selected radius that SO2 emisisons large enough to include.

Will Stone
Bureau of Air and Radiation
1000 SW Jackson, Suite 310
Topeka, KS 66612-1366

(785) 296-6427 (BUS)
(785) 291-1545 (FAX)

wstone@kdhe.state.ks.us

(See attached file: Sage.xls.xls)

Dana Morris/Kdhe

11/05/2007 01:27 PM

To: Andy Hawkins/Kdhe@Kdhe, William Stone/Kdhe@Kdhe

cc:

Subject: Fw: PSDB Retrieval Request

----- Forwarded by Dana Morris/Kdhe on 11/05/2007 01:27 PM -----

"Igor Shnayder" <igor@sageenvironmental.com>

11/05/2007 09:42 AM

To: "Dana Morris" <DMorris@kdhe.state.ks.us>

cc: "Dale Fentress" <dfentress@norit-americas.com>, "Ryan Atkinson" <ryan@sageenvironmental.com>

Subject: PSDB Retrieval Request

Dear Mr. Morris,

The attached letter in MS Word format contains a Point Source Database (PSDB) Retrieval Requests for PSD NAAQS and PSD Increment Modeling for an activated carbon manufacturing facility in Oklahoma. Please provide the information per the request at your earliest convenience. Please let me know whether you would like to receive a hard copy of the request via regular mail.

If you have any questions, please call me at 972-480-9800 or reply to this e-mail. Thank you for your time and consideration regarding this matter.

Sincerely,
Sage Environmental Consulting, L.P.

Igor Shnayder
Senior Technical Specialist

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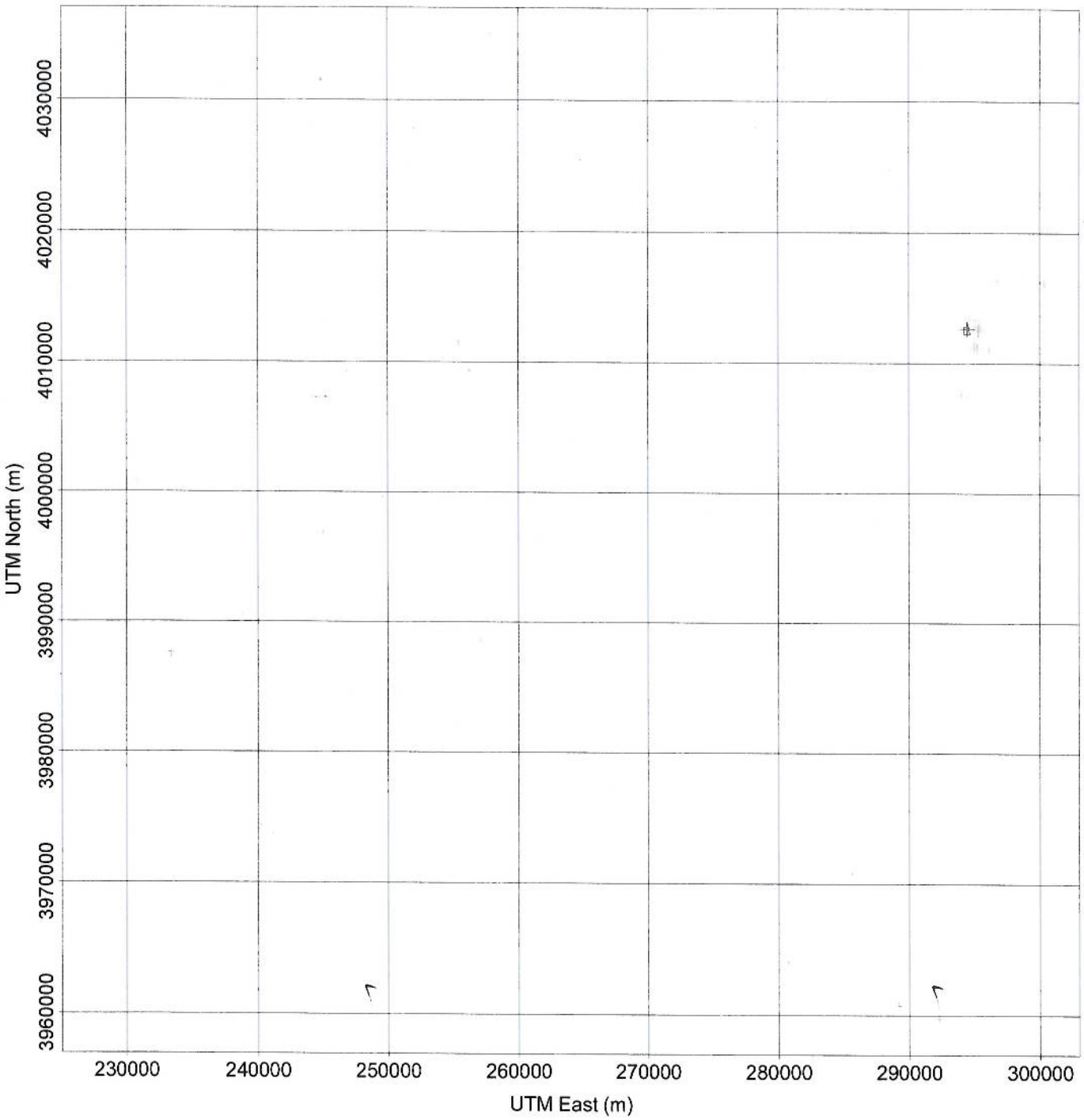
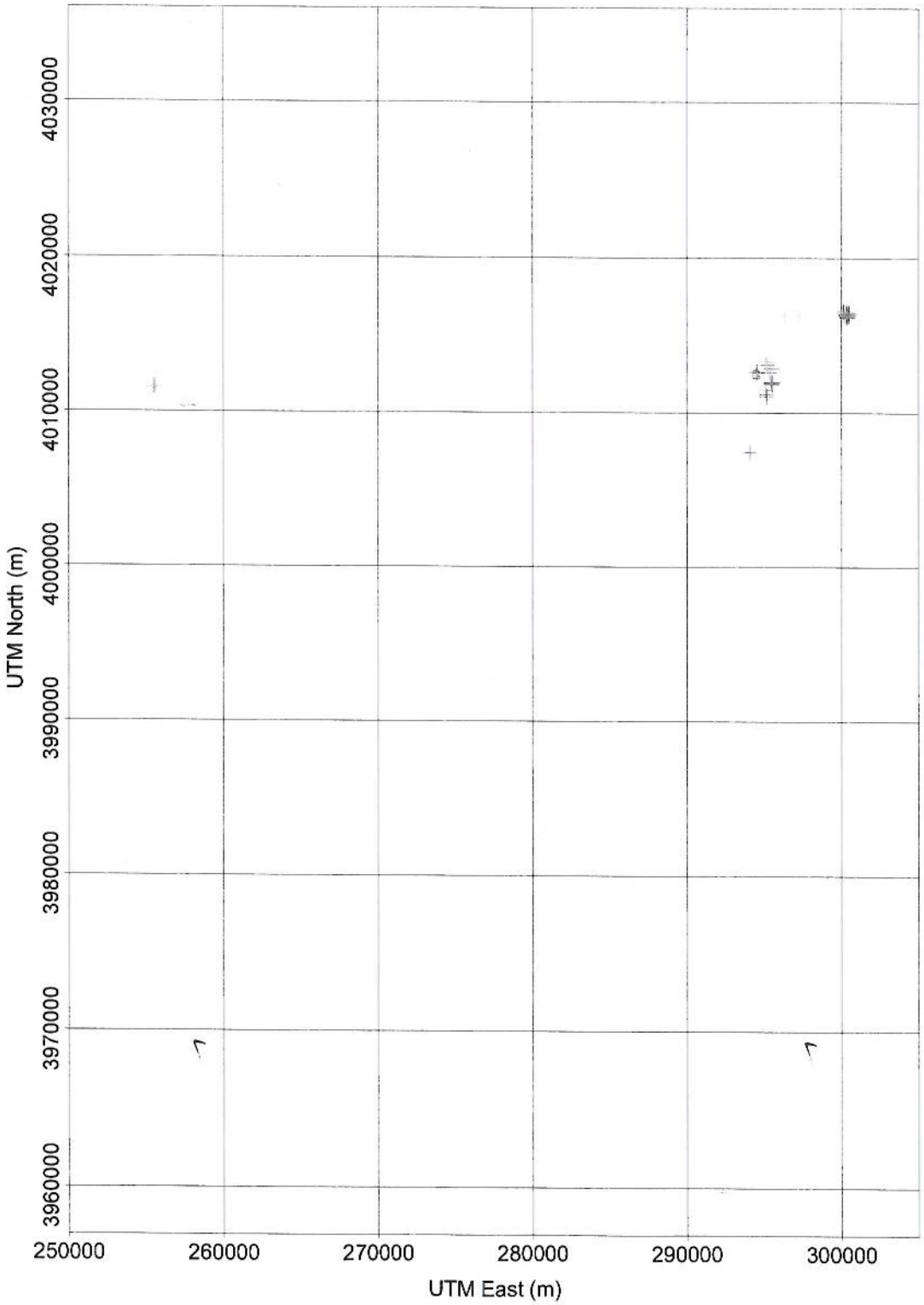
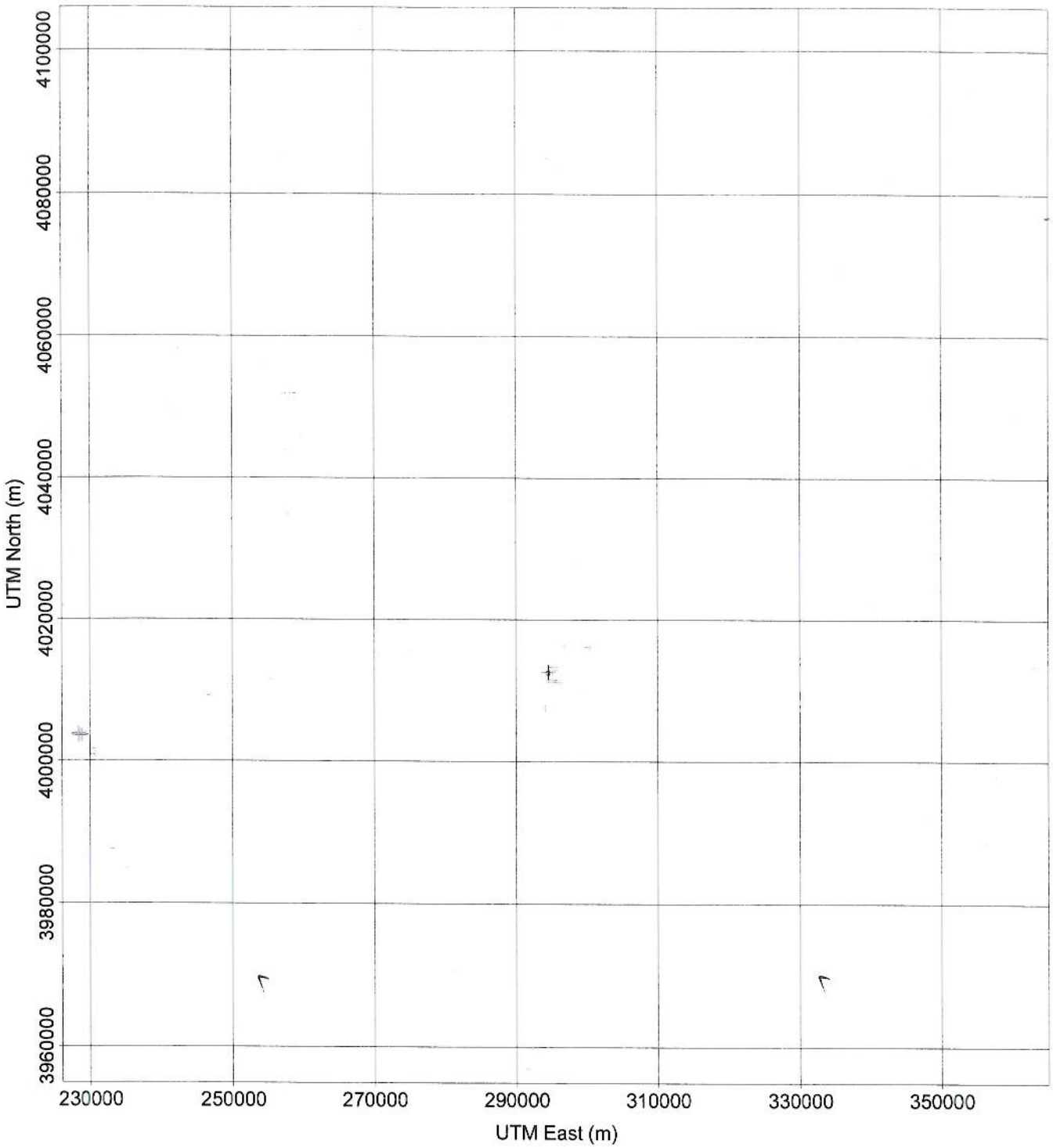
NORIT Americas, Inc. Pryor Facility
PSD Full Impact Modeling
Source Location Plot for NO2



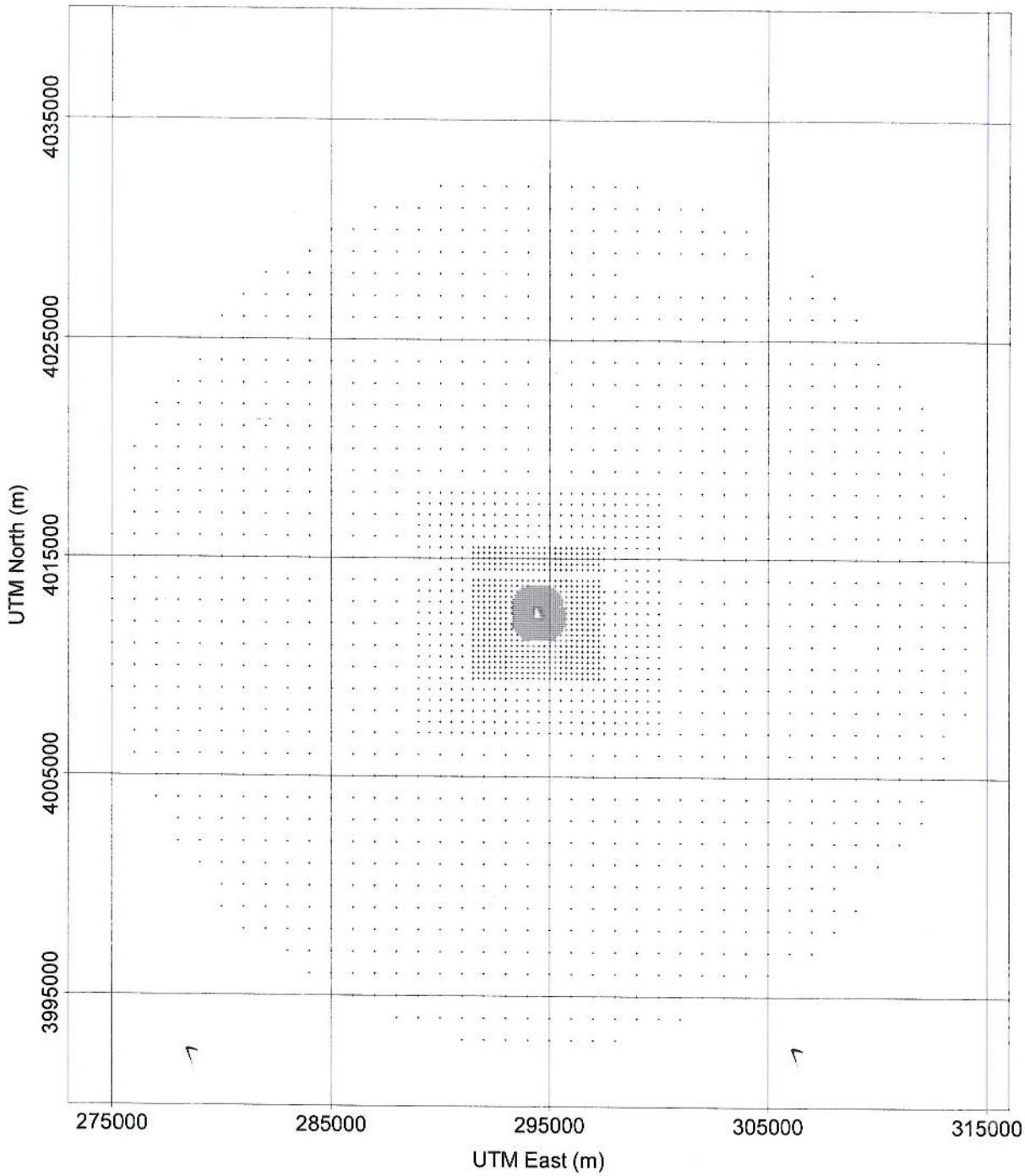
NORIT Americas, Inc. Pryor Facility
PSD Full Impact Modeling
Source Location Plot for PM10



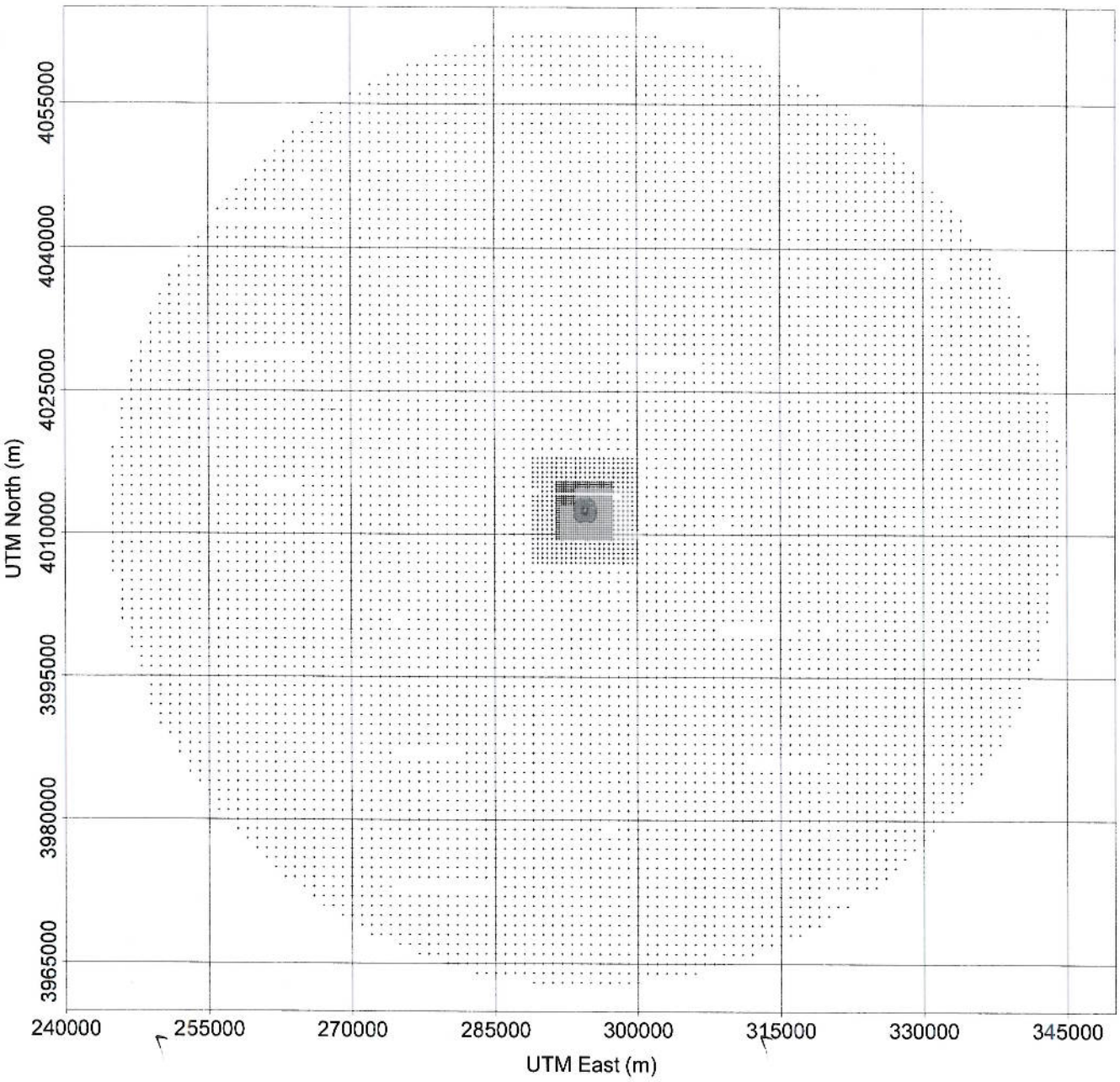
NORIT Americas, Inc. Pryor Facility
PSD Full Impact Modeling
Source Location Plot for SO2



NORIT Americas, Inc. Pryor Facility
PSD Full Impact Modeling
Receptor Location Plot for NO2 and PM10



NORIT Americas, Inc. Pryor Facility
PSD Full Impact Modeling
Receptor Location Plot for SO2



NORIT Americas, Inc.
Pryor Facility
Full Impact Modeling
Summary of Modeling Results

Pollutant	Year	Maximum 3-hour concentration	Background concentration	Total 3-hour concentration	NAAQS	Maximum 24-hour concentration	Background concentration	Total 24-hour concentration	NAAQS
		($\mu g/m^3$)	($\mu g/m^3$)	($\mu g/m^3$)	($\mu g/m^3$)	($\mu g/m^3$)	($\mu g/m^3$)	($\mu g/m^3$)	($\mu g/m^3$)
PM_{10} MY	2001-05					114	54	168	150
SO_2	2001	1,617	65	1,682	1,300	573	29	602	365
	2002	1,558	65	1,623	1,300	513	29	541	365
	2003	1,663	65	1,728	1,300	805	29	834	365
	2004	1,365	65	1,430	1,300	572	29	600	365
	2005	1,453	65	1,518	1,300	319	29	348	365
NO_2	2001								
	2002								
	2003								
	2004								
	2005								

Notes:

1. Project increases only were modeled for all pollutants.
2. For SO_2 and NO_2, the results are High-1st-High for annual concentrations, and High-2nd-High for 3-hour and 24-hour concentrations.
3. For PM_{10}, the results are High-6th-High for five-year concentrations.
4. Modeling included downwash effects.

NORIT Americas, Inc.
Pryor Facility
Full Impact Modeling
Summary of Modeling Results

Pollutant	Year	Maximum annual concentration ($\mu g/m^3$)	Background concentration ($\mu g/m^3$)	Total annual concentration ($\mu g/m^3$)	NAAQS ($\mu g/m^3$)
PM_{10} MY	2001-05				
SO_2	2001	63.7	13.3	77.0	80
	2002	68.4	13.3	81.7	80
	2003	65.7	13.3	79.0	80
	2004	67.4	13.3	80.7	80
	2005	58.1	13.3	71.4	80
NO_2	2001	15.1	7.5	22.6	100
	2002	16.1	7.5	23.6	100
	2003	15.4	7.5	22.9	100
	2004	15.9	7.5	23.4	100
	2005	15.4	7.5	22.9	100

	NO2 (ppm)							
	1-Hour Values			Annual		Monitor		
Row #	# Obs	1st Max	2nd Max	Mean	# Exceed	Number	Site ID	Site Address
3	4,096	0.028	0.027	0.005	0	1	400979014	Cherokee Heights Drive
2	5,797	0.034	0.032	0.005	0	1	400979014	Cherokee Heights Drive
2	7,245	0.034	0.025	0.004	0	1	400979014	Cherokee Heights Drive
2	1,362	0.023	0.022	0.004	0	1	400979014	Cherokee Heights Drive

	SO2 (ppm)							
	1-Hour Values			3-Hour Values			24-Hour Values	
Row #	# Obs	1st Max	2nd Max	1st Max	2nd Max	# Exceed	1st Max	2nd Max
5	6,246	0.037	0.034	0.024	0.024	0	0.007	0.005
4	7,492	0.048	0.046	0.026	0.026	0	0.012	0.009
4	8,229	0.043	0.042	0.026	0.025	0	0.012	0.011
4	4,776	0.058	0.057	0.046	0.033	0	0.02	0.019

	PM10 (µg/m3)							
	24-Hour Values							Annual
Row #	# Obs	1st Max	2nd Max	3rd Max	4th Max	# Exceed-Actual	# Exceed-Estimated	Mean
6	328	53	49	46	45	0	0	18
5	364	62	58	56	54	0	0	19
5	365	72	58	53	53	0	0	19
5	253	56	55	49	49	0	0	20

City	County	State	EPA Region	
	Mayes Co	OK	6	2004
	Mayes Co	OK	6	2005
	Mayes Co	OK	6	2006
	Mayes Co	OK	6	2007

	Annual					
# Exceed	Mean	# Exceed	Monitor Number	Site ID	Site Address	City
0	0.002	0	1	400979014	Cherokee Heights Drive	
0	0.003	0	1	400979014	Cherokee Heights Drive	
0	0.005	0	1	400979014	Cherokee Heights Drive	
0	0.011	0	1	400979014	Cherokee Heights Drive	

# Exceed	Monitor Number	Site ID	Site Address	City	County	State
0	1	400979014	Cherokee Heights Drive		Mayes Co	OK
0	1	400979014	Cherokee Heights Drive		Mayes Co	OK
0	1	400979014	Cherokee Heights Drive		Mayes Co	OK
0	1	400979014	Cherokee Heights Drive		Mayes Co	OK

County	State	EPA Region	
Mayes Co	OK	6	2004
Mayes Co	OK	6	2005
Mayes Co	OK	6	2006
Mayes Co	OK	6	2007

EPA Region	
6	2004
6	2005
6	2006
6	2007

Background Concentrations of Nitrogen Dioxide
Mayes County, Oklahoma
Years 2004 - 2007

Year	Maximum 1-hr	Maximum 1-hr
	ppmv	$\mu g/m^3$
2004	0.005	**9.4**
2005	0.005	**9.4**
2006	0.004	**7.5**
2007	0.004	**7.5**

Notes:
Conversion of NO_2 concentrations from ppmv to $\mu g/m^3$ is based on ideal gas law at 1 atm pressure and 25° C.

Background Concentrations of Sulfur Dioxide
Mayes County, Oklahoma
Years 2004 - 2007

Year	2nd High 3-hr	2nd High 3-hr
	ppmv	$\mu g/m^3$
2004	0.024	62.8
2005	0.026	68.1
2006	0.025	65.4
2007	0.033	86.4

Year	2nd High 24-hr	2nd High 24-hr
	ppmv	$\mu g/m^3$
2004	0.005	13.1
2005	0.009	23.6
2006	0.011	28.8
2007	0.019	49.7

Year	Average Annual	Average Annual
	ppmv	$\mu g/m^3$
2004	0.002	5.2
2005	0.003	7.9
2006	0.005	13.1
2007	0.011	28.8

Notes:
Conversion of SO_2 concentrations from ppmv to $\mu g/m^3$ is based on ideal gas law at 1 atm pressure and 25° C.

*** AERMOD - VERSION 07026 ***
*** NORIT Americas Inc. Pryor Facility ***
*** Model Executed on 02/12/08 at 17:12:46 ***
Input File - FIM_NO2_2001_NO2_NEW.DTA

Output File - FIM_NO2_2001_NO2_NEW.LST

Met File - PRY_N-01.SFC

Number of sources - 87
Number of source groups - 3
Number of receptors - 2499

*** THE SUMMARY OF MAXIMUM ANNUAL (1 YRS) RESULTS ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

GROUP ID		AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)					NETWORK OF TYPE	GRID-ID
ALL	**1ST HIGHEST VALUE IS**	**15.05501 AT (**	**295148.81,**	**4013416.00,**	**184.61,**	**184.61,**		**0.00)**	**DC**
	2ND HIGHEST VALUE IS	12.83298 AT (	295548.81,	4013116.00,	182.28,	182.28,		0.00)	DC
	3RD HIGHEST VALUE IS	12.79875 AT (	295148.81,	4011816.00,	185.01,	185.01,		0.00)	DC
	4TH HIGHEST VALUE IS	12.78092 AT (	295348.81,	4012316.00,	183.43,	183.43,		0.00)	DC
	5TH HIGHEST VALUE IS	12.70034 AT (	295750.00,	4013500.00,	180.54,	180.54,		0.00)	DC
	6TH HIGHEST VALUE IS	12.65843 AT (	295248.81,	4011916.00,	184.71,	184.71,		0.00)	DC
	7TH HIGHEST VALUE IS	12.61127 AT (	295148.81,	4013516.00,	185.00,	185.00,		0.00)	DC
	8TH HIGHEST VALUE IS	12.58052 AT (	295248.81,	4011816.00,	184.71,	184.71,		0.00)	DC
	9TH HIGHEST VALUE IS	12.57262 AT (	295148.81,	4011716.00,	185.06,	185.06,		0.00)	DC
	10TH HIGHEST VALUE IS	12.55274 AT (	295148.81,	4011916.00,	185.01,	185.01,		0.00)	DC

*** AERMOD - VERSION 07026 ***
*** NORIT Americas Inc. Pryor Facility ***
*** Model Executed on 02/12/08 at 17:12:35 ***
Input File - FIM_NO2_2002_NO2_NEW.DTA

Output File - FIM_NO2_2002_NO2_NEW.LST

Met File - PRY_N-02.SFC

Number of sources - 87
Number of source groups - 3
Number of receptors - 2499

***** THE SUMMARY OF MAXIMUM ANNUAL (1 YRS) RESULTS *****

** CONC OF NO2 IN MICROGRAMS/M**3 **

GROUP ID		AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)					NETWORK OF TYPE	GRID-ID
ALL	**1ST HIGHEST VALUE IS**	**16.08344 AT (**	**295148.81,**	**4013416.00,**	**184.61,**	**184.61,**		**0.00)**	**DC**
	2ND HIGHEST VALUE IS	13.89381 AT (	295448.81,	4013316.00,	182.84,	182.84,		0.00)	DC
	3RD HIGHEST VALUE IS	13.85909 AT (	295548.81,	4013116.00,	182.28,	182.28,		0.00)	DC
	4TH HIGHEST VALUE IS	13.83092 AT (	295148.81,	4011816.00,	185.01,	185.01,		0.00)	DC
	5TH HIGHEST VALUE IS	13.81859 AT (	295348.81,	4012316.00,	183.43,	183.43,		0.00)	DC
	6TH HIGHEST VALUE IS	13.73349 AT (	295448.81,	4013216.00,	183.23,	183.23,		0.00)	DC
	7TH HIGHEST VALUE IS	13.62837 AT (	295148.81,	4013516.00,	185.00,	185.00,		0.00)	DC
	8TH HIGHEST VALUE IS	13.59166 AT (	295148.81,	4011916.00,	185.01,	185.01,		0.00)	DC
	9TH HIGHEST VALUE IS	13.51812 AT (	295148.81,	4011716.00,	185.06,	185.06,		0.00)	DC
	10TH HIGHEST VALUE IS	13.41723 AT (	295500.00,	4013500.00,	180.02,	180.02,		0.00)	DC

*** AERMOD - VERSION 07026 ***
*** NORIT Americas Inc. Pryor Facility ***
*** Model Executed on 02/12/08 at 17:10:43 ***
Input File - FIM_NO2_2003_NO2_NEW.DTA

Output File - FIM_NO2_2003_NO2_NEW.LST

Met File - PRY_N-03.SFC

Number of sources - 87
Number of source groups - 3
Number of receptors - 2499

***** THE SUMMARY OF MAXIMUM ANNUAL (1 YRS) RESULTS *****

**** CONC OF NO2 IN MICROGRAMS/M**3 ****

GROUP ID		AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)					NETWORK OF TYPE	GRID-ID
ALL	**1ST HIGHEST VALUE IS**	**15.44304 AT (**	**295148.81,**	**4013416.00,**	**184.61,**	**184.61,**		**0.00)**	**DC**
	2ND HIGHEST VALUE IS	14.30335 AT (	295348.81,	4012316.00,	183.43,	183.43,		0.00)	DC
	3RD HIGHEST VALUE IS	13.87599 AT (	295148.81,	4011816.00,	185.01,	185.01,		0.00)	DC
	4TH HIGHEST VALUE IS	13.78054 AT (	295348.81,	4012416.00,	183.47,	183.47,		0.00)	DC
	5TH HIGHEST VALUE IS	13.69489 AT (	295148.81,	4011916.00,	185.01,	185.01,		0.00)	DC
	6TH HIGHEST VALUE IS	13.55863 AT (	295248.81,	4012016.00,	184.46,	184.46,		0.00)	DC
	7TH HIGHEST VALUE IS	13.55247 AT (	295248.81,	4012116.00,	184.39,	184.39,		0.00)	DC
	8TH HIGHEST VALUE IS	13.54136 AT (	295348.81,	4012216.00,	183.05,	183.05,		0.00)	DC
	9TH HIGHEST VALUE IS	13.51226 AT (	295148.81,	4011716.00,	185.06,	185.06,		0.00)	DC
	10TH HIGHEST VALUE IS	13.48065 AT (	295248.81,	4011916.00,	184.71,	184.71,		0.00)	DC

*** AERMOD - VERSION 07026 ***
*** NORIT Americas Inc. Pryor Facility ***
*** Model Executed on 02/12/08 at 17:12:11 ***
Input File - FIM_NO2_2004_NO2_NEW.DTA

Output File - FIM_NO2_2004_NO2_NEW.LST

Met File - PRY_N-04.SFC

Number of sources - 87
Number of source groups - 3
Number of receptors - 2499

***** THE SUMMARY OF MAXIMUM ANNUAL (1 YRS) RESULTS *****

**** CONC OF NO2 IN MICROGRAMS/M**3 ****

GROUP ID		AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)					NETWORK OF TYPE	GRID-ID
ALL	**1ST HIGHEST VALUE IS**	**15.91169 AT (**	**295148.81,**	**4013416.00,**	**184.61,**	**184.61,**		**0.00)**	**DC**
	2ND HIGHEST VALUE IS	14.31189 AT (	295148.81,	4011916.00,	185.01,	185.01,		0.00)	DC
	3RD HIGHEST VALUE IS	14.23570 AT (	295348.81,	4012316.00,	183.43,	183.43,		0.00)	DC
	4TH HIGHEST VALUE IS	14.23297 AT (	295148.81,	4011816.00,	185.01,	185.01,		0.00)	DC
	5TH HIGHEST VALUE IS	14.16270 AT (	295148.81,	4012016.00,	185.01,	185.01,		0.00)	DC
	6TH HIGHEST VALUE IS	13.96318 AT (	295248.81,	4012116.00,	184.39,	184.39,		0.00)	DC
	7TH HIGHEST VALUE IS	13.90050 AT (	295248.81,	4012216.00,	183.29,	183.29,		0.00)	DC
	8TH HIGHEST VALUE IS	13.80111 AT (	295148.81,	4012116.00,	184.76,	184.76,		0.00)	DC
	9TH HIGHEST VALUE IS	13.73327 AT (	295048.81,	4011816.00,	185.47,	185.47,		0.00)	DC
	10TH HIGHEST VALUE IS	13.72675 AT (	295248.81,	4012016.00,	184.46,	184.46,		0.00)	DC

*** AERMOD - VERSION 07026 ***
*** NORIT Americas Inc. Pryor Facility ***
*** Model Executed on 02/12/08 at 17:10:13 ***
Input File - FIM_NO2_2005_NO2_NEW.DTA

Output File - FIM_NO2_2005_NO2_NEW.LST

Met File - PRY_N-05.SFC

Number of sources - 87
Number of source groups - 3
Number of receptors - 2499

***** THE SUMMARY OF MAXIMUM ANNUAL (1 YRS) RESULTS *****

**** CONC OF NO2 IN MICROGRAMS/M**3 ****

GROUP ID		AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)				NETWORK OF TYPE	GRID-ID
ALL	**1ST HIGHEST VALUE IS**	**15.41545 AT (**	**295148.81,**	**4013416.00,**	**184.61,**	**184.61,**	**0.00)**	**DC**
	2ND HIGHEST VALUE IS	13.69344 AT (	295348.81,	4012316.00,	183.43,	183.43,	0.00)	DC
	3RD HIGHEST VALUE IS	13.54567 AT (	295548.81,	4013116.00,	182.28,	182.28,	0.00)	DC
	4TH HIGHEST VALUE IS	13.39210 AT (	295148.81,	4011816.00,	185.01,	185.01,	0.00)	DC
	5TH HIGHEST VALUE IS	13.21424 AT (	295148.81,	4011716.00,	185.06,	185.06,	0.00)	DC
	6TH HIGHEST VALUE IS	13.12957 AT (	295148.81,	4011916.00,	185.01,	185.01,	0.00)	DC
	7TH HIGHEST VALUE IS	13.05643 AT (	295448.81,	4013316.00,	182.84,	182.84,	0.00)	DC
	8TH HIGHEST VALUE IS	13.05408 AT (	295348.81,	4012216.00,	183.05,	183.05,	0.00)	DC
	9TH HIGHEST VALUE IS	13.03300 AT (	295448.81,	4013216.00,	183.23,	183.23,	0.00)	DC
	10TH HIGHEST VALUE IS	12.99379 AT (	295248.81,	4011916.00,	184.71,	184.71,	0.00)	DC

*** AERMOD - VERSION 07026 ***
*** NORIT Americas Inc. Pryor Facility ***
*** Model Executed on 02/19/08 at 09:43:58 ***
Input File - FIM_PM10_2001_PM10_MY.DTA

Output File - FIM_PM10_2001_PM10_MY.LST

Met File - PRY_N-01.SFC

Number of sources -	160
Number of source groups -	3
Number of receptors -	2499

***** THE SUMMARY OF HIGHEST 24-HR RESULTS *****

**** CONC OF PM10 IN MICROGRAMS/M**3 ****

GROUP ID	AVERAGE CONC	DATE (YYMMDDHH)	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)					NETWORK OF TYPE	GRID-ID
ALL HIGH	**1ST HIGH VALUE IS 124.35458**	**ON 01073124: AT (**	**295548.81,**	**4012016.00,**	**183.43,**	**183.43,**	**0.00)**	**DC**	
HIGH	2ND HIGH VALUE IS 120.86624	ON 01080224: AT (	295548.81,	4012016.00,	183.43,	183.43,	0.00)	DC	
HIGH	6TH HIGH VALUE IS 98.73733c	ON 01072124: AT (	295548.81,	4012016.00,	183.43,	183.43,	0.00)	DC	

** AERMOD - VERSION 07026 ***
*** NORIT Americas Inc. Pryor Facility ***
*** Model Executed on 02/19/08 at 18:20:27 ***
Input File - FIM_PM10_2002_PM10_MY.DTA

Output File - FIM_PM10_2002_PM10_MY.LST

Met File - PRY_N-02.SFC

Number of sources - 160
Number of source groups - 3
Number of receptors - 2499

***** THE SUMMARY OF HIGHEST 24-HR RESULTS *****

**** CONC OF PM10 IN MICROGRAMS/M**3 ****

GROUP ID	AVERAGE CONC	DATE (YYMMDDHH)	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	OF TYPE	NETWORK GRID-ID
ALL HIGH	**1ST HIGH VALUE IS 140.78249**	**ON 02072024: AT (**	**295548.81, 4012116.00, 183.43, 183.43, 0.00)**	**DC**	
HIGH	2ND HIGH VALUE IS 120.86624	ON 01080224: AT (	295548.81, 4012016.00, 183.43, 183.43, 0.00)	DC	
HIGH	6TH HIGH VALUE IS 114.17876	ON 01080124: AT (	295548.81, 4012016.00, 183.43, 183.43, 0.00)	DC	

*** AERMOD - VERSION 07026 ***
*** NORIT Americas Inc. Pryor Facility ***
*** Model Executed on 02/20/08 at 03:08:41 ***
Input File - FIM_PM10_2003_PM10_MY.DTA

Output File - FIM_PM10_2003_PM10_MY.LST

Met File - PRY_N-03.SFC

Number of sources - 160
Number of source groups - 3
Number of receptors - 2499

***** THE SUMMARY OF HIGHEST 24-HR RESULTS *****

**** CONC OF PM10 IN MICROGRAMS/M**3 ****

GROUP ID	AVERAGE CONC	DATE (YYMMDDHH)	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	NETWORK OF TYPE GRID-ID
ALL HIGH	**1ST HIGH VALUE IS 145.36241**	**ON 03082624: AT (**	**295548.81, 4012116.00, 183.43, 183.43, 0.00)**	**DC**
HIGH	2ND HIGH VALUE IS 140.78249	ON 02072024: AT (	295548.81, 4012116.00, 183.43, 183.43, 0.00)	DC
HIGH	6TH HIGH VALUE IS 114.17876	ON 01080124: AT (	295548.81, 4012016.00, 183.43, 183.43, 0.00)	DC

*** AERMOD - VERSION 07026 ***
*** NORIT Americas Inc. Pryor Facility ***
*** Model Executed on 02/20/08 at 11:57:23 ***
Input File - FIM_PM10_2004_PM10_MY.DTA

Output File - FIM_PM10_2004_PM10_MY.LST

Met File - PRY_N-04.SFC

Number of sources - 160
Number of source groups - 3
Number of receptors - 2499

***** THE SUMMARY OF HIGHEST 24-HR RESULTS *****

**** CONC OF PM10 IN MICROGRAMS/M**3 ****

GROUP ID	AVERAGE CONC	DATE (YYMMDDHH)	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)					OF TYPE	NETWORK GRID-ID
ALL HIGH	**1ST HIGH VALUE IS 145.36241**	**ON 03082624: AT (**	**295548.81,**	**4012116.00,**	**183.43,**	**183.43,**	**0.00)**	**DC**	
HIGH	2ND HIGH VALUE IS 140.78249	ON 02072024: AT (	295548.81,	4012116.00,	183.43,	183.43,	0.00)	DC	
HIGH	6TH HIGH VALUE IS 114.17876	ON 01080124: AT (	295548.81,	4012016.00,	183.43,	183.43,	0.00)	DC	

*** AERMOD - VERSION 07026 ***
*** NORIT Americas Inc. Pryor Facility ***
*** Model Executed on 02/20/08 at 20:44:11 ***
Input File - FIM_PM10_2005_PM10_MY.DTA

Output File - FIM_PM10_2005_PM10_MY.LST

Met File - PRY_N-05.SFC

Number of sources -	160
Number of source groups -	3
Number of receptors -	2499

***** THE SUMMARY OF HIGHEST 24-HR RESULTS *****

**** CONC OF PM10 IN MICROGRAMS/M**3 ****

GROUP ID		AVERAGE CONC	DATE (YYMMDDHH)	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)				NETWORK OF TYPE	GRID-ID
ALL	**HIGH**	**1ST HIGH VALUE IS 145.36241**	**ON 03082624: AT (**	**295548.81,**	**4012116.00,**	**183.43,**	**183.43,**	**0.00)**	**DC**
	HIGH	2ND HIGH VALUE IS 140.78249	ON 02072024: AT (	295548.81,	4012116.00,	183.43,	183.43,	0.00)	DC
	HIGH	6TH HIGH VALUE IS 114.17876	ON 01080124: AT (	295548.81,	4012016.00,	183.43,	183.43,	0.00)	DC

*** AERMOD - VERSION 07026 ***
*** NORIT Americas Inc. Pryor Facility ***
*** Model Executed on 02/19/08 at 09:43:58 ***
Input File - FIM_PM10_2001_PM10_MY.DTA

Output File - FIM_PM10_2001_PM10_MY.LST

Met File - PRY_N-01.SFC

Number of sources - 160
Number of source groups - 3
Number of receptors - 2499

***** THE SUMMARY OF MAXIMUM ANNUAL (1 YRS) RESULTS *****

**** CONC OF PM10 IN MICROGRAMS/M**3 ****

GROUP ID		AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)					NETWORK OF TYPE	GRID-ID
ALL	**1ST HIGHEST VALUE IS**	**16.86145 AT (**	**295548.81,**	**4012116.00,**	**183.43,**	**183.43,**		**0.00)**	**DC**
	2ND HIGHEST VALUE IS	15.42330 AT (	295548.81,	4012016.00,	183.43,	183.43,		0.00)	DC
	3RD HIGHEST VALUE IS	14.90892 AT (	295548.81,	4012216.00,	182.99,	182.99,		0.00)	DC
	4TH HIGHEST VALUE IS	14.20995 AT (	295448.81,	4012116.00,	183.79,	183.79,		0.00)	DC
	5TH HIGHEST VALUE IS	13.65999 AT (	295148.81,	4011716.00,	185.06,	185.06,		0.00)	DC
	6TH HIGHEST VALUE IS	13.60688 AT (	295648.81,	4012216.00,	181.79,	181.79,		0.00)	DC
	7TH HIGHEST VALUE IS	13.57366 AT (	295448.81,	4012216.00,	183.05,	183.05,		0.00)	DC
	8TH HIGHEST VALUE IS	13.57105 AT (	295648.81,	4012116.00,	182.86,	182.86,		0.00)	DC
	9TH HIGHEST VALUE IS	12.99697 AT (	295548.81,	4012316.00,	183.08,	183.08,		0.00)	DC
	10TH HIGHEST VALUE IS	12.73776 AT (	295148.81,	4011816.00,	185.01,	185.01,		0.00)	DC

*** AERMOD - VERSION 07026 ***
*** NORIT Americas Inc. Pryor Facility ***
*** Model Executed on 02/19/08 at 18:20:27 ***
Input File - FIM_PM10_2002_PM10_MY.DTA

Output File - FIM_PM10_2002_PM10_MY.LST

Met File - PRY_N-02.SFC

Number of sources - 160
Number of source groups - 3
Number of receptors - 2499

***** THE SUMMARY OF MAXIMUM ANNUAL (2 YRS) RESULTS *****

**** CONC OF PM10 IN MICROGRAMS/M**3 ****

GROUP ID		AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)					NETWORK OF TYPE	GRID-ID
ALL	**1ST HIGHEST VALUE IS**	**17.55513 AT (**	**295548.81,**	**4012116.00,**	**183.43,**	**183.43,**		**0.00)**	**DC**
	2ND HIGHEST VALUE IS	15.77150 AT (	295548.81,	4012216.00,	182.99,	182.99,		0.00)	DC
	3RD HIGHEST VALUE IS	15.20367 AT (	295548.81,	4012016.00,	183.43,	183.43,		0.00)	DC
	4TH HIGHEST VALUE IS	14.47277 AT (	295448.81,	4012116.00,	183.79,	183.79,		0.00)	DC
	5TH HIGHEST VALUE IS	13.98658 AT (	295448.81,	4012216.00,	183.05,	183.05,		0.00)	DC
	6TH HIGHEST VALUE IS	13.74176 AT (	295548.81,	4012316.00,	183.08,	183.08,		0.00)	DC
	7TH HIGHEST VALUE IS	13.52842 AT (	295148.81,	4011716.00,	185.06,	185.06,		0.00)	DC
	8TH HIGHEST VALUE IS	13.19448 AT (	295048.81,	4011716.00,	185.32,	185.32,		0.00)	DC
	9TH HIGHEST VALUE IS	13.06879 AT (	295648.81,	4012216.00,	181.79,	181.79,		0.00)	DC
	10TH HIGHEST VALUE IS	12.91740 AT (	295148.81,	4011816.00,	185.01,	185.01,		0.00)	DC