Does Your Inventory Make Sense? Checking Your EI for Errors

Roy Huntley

EFIG, USEPA

Thanks to Ron Ryan, Anne Pope, and Rhonda Thompson

EFIG/OAQPS/USEPA

Purpose

- Offer Suggestions on How States/Local/Tribes Can Successfully Review Their Area EI

- Disclaimer – Not Policy or Official Guidance

Genesis of Paper

- State/Local/Tribal Reviewers Do Not Spend Much Time Reviewing EI

- What Can OAQPS Do to Help?

- Write a Paper!!
    - Present Paper in San Diego!!

Tool Box

Announcement

- Announces Availability of EI
- Where to Get Data and Documentation
- When Revisions are Due, If Draft
- Cautions About Public Use, If Any
- Known Uncertainties, Open Issues with EI
- Who to Contact

README File

- Description of What is Available
- Data Formats
- What Files are Posted
- How to Submit Revisions
- State/Local/Tribal Agency Contacts

EI Data

- National File
  - For each sector
- State Files
  - Individual State files for each sector
  - NIF
- Data Summaries
  - Facility Summaries
  - Sector Summaries
  - SCC Summaries
  - Tier Summaries

Documentation

- Separate Document for Each Sector

- Which States/Local/Tribes Submitted EI Data

- What EFIG did to S/L/T data

  – Methodologies for PM augmentation, point source NH3 augmentation, the merging of EGU data

- Issues That Need Addressing, If Draft

Getting Started

Download Tools

- EPA's CHIEF website Links to Tools

Address the Issues that EPA Flags

- Announcement
- Sector Documentation
  - e.g., Assist EPA in Matching Facility Codes for EGU, invalid SCC's

Now What?

Need a Strategy

Focus Your Review on Non-EGU Point Source EI

- Recognizing Limited Time/Resources, States Should First Review the Sector Most Dependent on State/Local/Tribal Input

Top Twenty (or so) Emitters

- Emissions
- Stack Parameters
    - Height, diameter, flow rate, velocity, temperature, location
- Start/End Dates
- Codes
    - SCC, SIC, emission type, emission release point type, control device
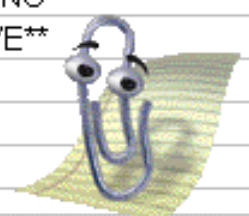
Now What?

Reality Check - Review the EI for Consistency

- Reality Check
- Use the Summary Files
  - Facility Summary
  - SCC Summary
  - Sector Summary
  - Tier Summary

Facility Summary

File   Edit   View   Insert   Format   Records   Tools   Window   Help

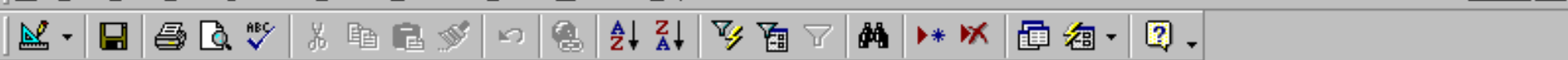| All_Faci	STATE_NAME	COU	COUNTY_NAME	SITE_ID	FACILITY_NAME
37	NORTH CAROLINA	001	ALAMANCE CO	3700100007	CAROLINA FINISHING OF NORTH CAROLINA, LL
37	NORTH CAROLINA	001	ALAMANCE CO	3700100010	STERICYCLE, INC.
37	NORTH CAROLINA	001	ALAMANCE CO	3700100024	CULP WEAVING INC
37	NORTH CAROLINA	001	ALAMANCE CO	3700100034	COPLAND INDUSTRIES INC.
37	NORTH CAROLINA	001	ALAMANCE CO	3700100035	CRAFTIQUE
37	NORTH CAROLINA	001	ALAMANCE CO	3700100040	FLYNT FABRICS INC
37	NORTH CAROLINA	001	ALAMANCE CO	3700100043	GLEN RAVEN MILLS INC GLENSPUN & PARK AV
37	NORTH CAROLINA	001	ALAMANCE CO	3700100044	GLEN RAVEN MILLS GLEN TOUCH DIVISION
37	NORTH CAROLINA	001	ALAMANCE CO	3700100045	CHEROKEE SANFORD GROUP, LLC
37	NORTH CAROLINA	001	ALAMANCE CO	3700100055	KINGSDOWN INC
37	NORTH CAROLINA	001	ALAMANCE CO	3700100057	CHANDLER CONCRETE COMPANY INC-PLANT NO.
37	NORTH CAROLINA	001	ALAMANCE CO	3700100062	AMERITEX CORPORATION LLC
37	NORTH CAROLINA	001	ALAMANCE CO	3700100078	HE WILSON INDUSTRIES INC
37	NORTH CAROLINA	001	ALAMANCE CO	3700100087	MARTIN MARIETTA BURLINGTON QUARRY
37	NORTH CAROLINA	001	ALAMANCE CO	3700100089	APAC-CAROLINA PLANT 8
37	NORTH CAROLINA	001	ALAMANCE CO	3700100090	TOWER MILLS INC.
37	NORTH CAROLINA	001	ALAMANCE CO	3700100094	CULP FINISHING DIVISION
37	NORTH CAROLINA	001	ALAMANCE CO	3700100099	KAYSER-ROTH CORPORATION - MENS FINISHING
37	NORTH CAROLINA	001	ALAMANCE CO	3700100160	BURLINGTON HOUSE FINISHING PLANT
37	NORTH CAROLINA	001	ALAMANCE CO	3700100163	TEXFI INDUSTRIES INC HAW RIVER DYEING
37	NORTH CAROLINA	001	ALAMANCE CO	3700100190	GIBRALTAR PACKAGING GRP **INACTIVE**
37	NORTH CAROLINA	001	ALAMANCE CO	3700100191	WALTER KIDDE
37	NORTH CAROLINA	001	ALAMANCE CO	3700100192	UNI - CHEMHOSE CORPORATION
37	NORTH CAROLINA	001	ALAMANCE CO	3700100201	A.O. SMITH CORPORATION
37	NORTH CAROLINA	001	ALAMANCE CO	3700100204	ALEXANDER FABRICS INC

Record: 14 ◄ | 1 | ► ►I ►* of 2117

Datasheet View

Start   Micros...   Explori...   Acrob...   WinZi...   allFaci...   All_Fa...   Quer...   6:22 PM

File   Edit   View   Insert   Format   Records   Tools   Window   Help

STREET_LINE_1	S	S	CITY	ZIP_CODE	ORIS_	SITE_DESCRIPTION	SIC_
7141 I-85 SERVICE ROAD WEST			GRAHAM	27253		TEXTILE FINISHING	2262
1168 PORTER AVENUE			HAW RIVER	27258		MEDICAL WASTE INCIN	4953
300 E PARKER ST			GRAHAM	27253		UPHOLSTRY FABRIC WEAVING	2295
1714 CAROLINA MILL ROAD			BURLINGTON	27215		TEXTILE FINISHING	2221
HWY 70 W 1257 CENTER ST			MEBANE	27302		WOODEN FURNITURE MFG	2511
1902 TUCKER STREET			BURLINGTON	27215		TEXTILE FINISHING	2257
1831 NORTH PARK AVENUE			GLEN RAVEN	272171100		MFG YARN AND FINISHING FA	2282
3726 ALTAMAHAW-UNION RIDGE ROA			ALTAMAHAW	272020008		AIR JET TEXTURIZING	2281
1136 CEDAR CREST DRIVE			BURLINGTON	27215		BRICK MFG	3251
126 W HOLT STREET			MEBANE	27302		MFG MATTRESSES	2515
100 WORTH ST			BURLINGTON	27215		CONCRETE BATCH PLANT	3273
840 PLANTATION DR			BURLINGTON	27215		TEXTILE	2281
315 MACARTHUR LANE			BURLINGTON	27215		REBUILD ELE MOTORS	3621
1671 HUFFMAN MILL ROAD			BURLINGTON	27215		CRUSHED STONE PLANT	1423
1858 HUFFMAN MILL RD			BURLINGTON	27215		ASPHALT PLANT - DRUM MIX	2951
225 WEST TRADE STREET			BURLINGTON	27215		MFG. SHEER AND PANTY HOSE	2251
1406 SOUTH MEBANE STREET			BURLINGTON	27216		UPHOLSTERY FABRIC FINISHI	2262
714 INTERSTATE ROAD			GRAHAM	27253		FINISH MENS HOSIERY	2252
906 ANTHONY STREET			BURLINGTON	27215		FABRIC FINISHING	2262
105 STONE STREET			HAW RIVER	27258		TEXTILE KNITTING	2281
1070 SOUTH RIVERVIEW DRIVE			BURLINGTON	27217		PRINTING TEXTILE LABELS	2759
1394 SOUTH THIRD STREET			MEBANE	273029711		FIRE EXTINGUISHER MFG	9
449 TROLLINGWOOD ROAD			HAW RIVER	27258		MFG RUBBER HOSE	2
709 A.O. SMITH ROAD			MEBANE	27302		ELECTRIC MOTOR MFG	21
1311 INDUSTRY DRIVE			BURLINGTON	27215		TEXTILE FINISHING	2262

Record: |◄| ◄ | 1 | ► | ►| | ►* | of 2117

Datasheet View

Start   Micros...   Explori...   Acrob...   WinZi...   allFaci...   All_Fa...   Quer...   6:28 PM

File   Edit   View   Insert   Format   Records   Tools   Window   Help

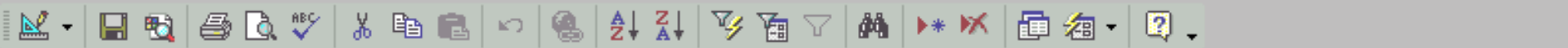| SIC_PRIMARY	SIC_DESCRIPTION	SO2	NOX	VOC	CO
4953	Sanitary Services Refuse Systems	0	25	1	2
2295	Textile Mill Products Miscellaneous Textile Go	0.02	3.72	0.24	2.93
2221	Textile Mill Products Broadwoven Fabric Mills,	1.6	17	45.91	14.07
2511	Furniture And Fixtures Household Furniture W	0.02	3.9	28.75	3.2
2257	Textile Mill Products Knitting Mills Circular Kni	0	0.14	0.01	0.08
2282	Textile Mill Products Yarn And Thread Mills Th	0.02	3.08	42.16	0.62
2281	Textile Mill Products Yarn And Thread Mills Ya	0.01	1.44	2.93	0.84
3251	Stone, Clay, Glass And Concrete Products St	15.1	7.9	0.54	27.1
2515	Furniture And Fixtures Household Furniture Ma	0	0.63	0.01	0.08
3273	Stone, Clay, Glass And Concrete Products Cc				
2281	Textile Mill Products Yarn And Thread Mills Ya				
3621	Electronic & Other Electrical Equipment & Cor	0	0.03	6.69	0.05
1423	Mining And Quarrying Of Nonmetallic Minerals				
2951	Petroleum Refining And Related Industries Asp	0.13	1.21	1.21	2.26
2251	Textile Mill Products Knitting Mills Women's H	0.01	1.85	8.33	1.1
2262	Textile Mill Products Dyeing & Finishing Textil	0.04	5.1	2.86	4.4
2252	Textile Mill Products Knitting Mills Hosiery, Ne	0.03	4.4	0.69	3.7
2262	Textile Mill Products Dyeing & Finishing Textil	3.78	62.83	2.22	19.59
2281	Textile Mill Products Yarn And Thread Mills Ya	0.02	4.53	0.94	3.2
2759	Printing, Publishing And Allied Industries Com			2	
3569	Industrial And Commercial Machinery & Comp		1.7	6.3	.4
3052	Rubber And Miscellaneous Plastics Products	0.01	1.46	2.87	.36
3621	Electronic & Other Electrical Equipment & Cor	0	1.19	76.95	6.45
2262	Textile Mill Products Dyeing & Finishing Textil	0.02	4.1	3.83	3.4
2269	Textile Mill Products Dyeing & Finishing Textil	0.03	5.3	3	4.57

Record: 2 of 2117

Datasheet View

Start | Micros... | Explori... | Acrob... | WinZi... | allFaci... | All_Fa... | Quer... | 6:34 PM

File   Edit   View   Insert   Format   Records   Tools   Window   Help

COUNTY_N	FACILITY_NAME	ORIS_	SITE_DESCRIPTION	SIC_	SO2	N
PERSON CO	CP&L - ROXBORO STEAM ELECTRI	2712	POWER GENERATION FACILITY	4911	108679.97	
STOKES CO	DUKE POWER CO - BELEWS CREE	8042	ELECTRIC POWER GENERATION	4911	83882.31	6
CATAWBA CO	DUKE POWER MARSHALL PLT	2727	ELECTRICITY PRODUCTION	4911	74538.79	
GASTON CO	DUKE POWER ALLEN PLT	2718	ELECTRICITY	4911	32169.13	
RUTHERFORD C	DUKE ENERGY CORPORATION - CI	2721	STEAM ELECTRIC UTILITY	4911	25410.25	
PERSON CO	CP&L - MAYO FACILITY	6250	COAL FIRED POWER PLT	4911	25162.99	
BUNCOMBE CO	ASHEVILLE	2706		4911	22087.4	
NEW HANOVER	CP&L - SUTTON PLANT	2713	COAL-FIRED ELECTRIC UTILI	4911	20253.3	
WAYNE CO	CP&L - F LEE PLANT	2709	ELECTRICAL STEAM GENERATI	4911	15472.4	
CHATHAM CO	CP&L - CAPE FEAR PLANT	2708	ELECTRIC POWER PLANT	4911	13311.36	
GASTON CO	DUKE POWER RIVERBEND PLT	2732	ELECTRICITY PROD	4911	12287.23	
ROWAN CO	DUKE POWER BUCK PLT	2720	ELECTRIC GENERATION	4911	11876.62	
HAYWOOD CO	BLUE RIDGE PAPER PRODUCTS -		BLEACH PULP AND PAPER MIL	2621	7934.16	
ROCKINGHAM C	DUKE POWER CO - DAN RIVER ST	2723	POWER PLANT	4911	6563.96	
ROBESON CO	CP&L - WEATHERSPOON PLT	2716	ELECTRIC GENERATION	4911	6367.4	
BEAUFORT CO	PCS Phosphate Company Inc	50509	FERTILIZER PLANT	2874	6011.8663	
NEW HANOVER	KOSA		DMT/TPA PRODUCTION	2869	4890.45	
BRUNSWICK CO	EI DU PONT DE NEMOURS & CO IN		POLYESTER FIBER AND TPA M	2824	3519.12	
MARTIN CO	WEYERHAEUSER COMPANY		PULP & PAPER COMPANY	2611	3367.79	
FORSYTH CO	R. J. R. TOBACCO CO. - T-VILLE	50221	MFG. TOBACCO CIGARETTES	2111	2883.0	289
TRANSYLVANIA	RFS ECUSTA INC		MFG FLAX BASED PAPER	2754	264	
COLUMBUS CO	INTERNATIONAL PAPER - RIEGELW		PULP AND PAPER MILL	2621	25	
CABARRUS CO	KANNAPOLIS ENERGY PARTNERS		OPERATE BOILERS	4961	21	
HALIFAX CO	INTERNATIONAL PAPER		PULP AND PAPER MILL	2621	1971.4	
BUNCOMBE CO	BASF-ENKA PLANT			2821	1915.46	

Record: |◄| |◄| | 1 | |►| |►|| |►*| of 2117

Datasheet View

Start   Microsoft PowerPoin...   allFacilityList2002 : ...   Query1 : Select ...   Screen Saver   5:12 PM

File   Edit   View   Insert   Format   Records   Tools   Window   Help

MAX_HT	MIN_XCOORD	MAX_XCOORD	DIFF_XCOORD	MIN_YCOORD	MAX_YCOORD	DIFF_YCOORD	UTM
800	689	689	0	4044.5	4044.5	0	1
800	672.7	672.705	0.005	4038.882	4038.9	0.018	1
600	584.5	584.5	0	4015.5	4015.5	0	1
551	225.376	225.4	0.024	3797.398	3797.4	0.002	18
500	430.9	430.902	0.002	3897.5	3897.514	0.014	1
392	-82.5431	-82.5425	0.0006	35.4714	35.4714	0	0
375	265.444	265.444	0	4035.342	4035.342	0	18
300	764.993	765	0.007	3917.383	3917.4	0.017	1
287	646.465	646.465	0	3846.291	3846.291	0	1
281	503.095	503.095	0	3939.088	3939.088	0	1
275	333.001	333.001	0	3933.805	3933.805	0	1
260	80.30472	80.30472	0	36.20111	36.20111	0	1
252	499.292	499.292	0	3894.293	3894.293	0	1
250	-82.6514	-82.6514	0	35.5403	35.5403	0	0
227	502.297	502.3	0.003	3912.8	3912.808	0.008	1
216	556.4	556.4	0	3952.1	3952.1	0	1
200	686.5	686.5	0	3826.7	3826.7	0	1
200	676.5	676.581	0.081	3940	3944.84	4.84	1
198	251	252.249	1.249	3991.478	3991.875	0.397	18
188	614.9	614.9	0	4038.6	4038.6	0	1
175	338.999	339	0.001	3970	3970.006	0.006	18
160	80.23444	80.23444	0	36.01861	36.01861	0	
150	80.2275	80.2275	0	36.03944	36.03944	0	
116	338.2	339.067	0.867	3915.8	3916.8	1	18
107	80.26111	80.26111	0	36.135	36.135	0	

Record: 14 ◄ 1 ► ►I ►* of 2117

Datasheet View

NUM

Start | Exploring - F:\... | Microsoft Pow... | WordPerfect ... | SiteSumPoint... | Query1 : S... | 1:17 PM

Sector Summary

File   Edit   View   Insert   Format   Records   Tools   Window   Help

COUNTY_NAME	POLLUTANT_CODE	AREA_ANNEM	POINT_ANNEM	NONROAD_ANNEM	ONROAD_ANN
DUPLIN CO	NH3	26130.03	1.98	7.13	70.25
SAMPSON CO	NH3	22671.65	0.12	6.96	74.12
BLADEN CO	NH3	10432.88	0.06	6.7	19.21
WAYNE CO	NH3	8045.72	2.29	14.44	111.15
ROBESON CO	NH3	5360.96	1.6303	16.94	147.89
Greene County	NH3	4767.11		1.37	17.2
Lenoir County	NH3	4655.99	19.59	10.6	52.38
UNION CO	NH3	4320.41	3.01	18.95	102.63
PITT CO	NH3	4306.49	6.65	14.25	107.52
COLUMBUS CO	NH3	4221.82	221.51	7.6	48.72
WILKES CO	NH3	4050.22	2.35	10.53	56.19
Pender County	NH3	3829.78		2.48	68.77
Randolph County	NH3	3790.6	0.21	26.75	137.69
Jones County	NH3	3561.82		0.81	7.04
JOHNSTON CO	NH3	3420.34	10.18	11.8	170.9
EDGECOMBE C(	NH3	2758.69	7.23	10.03	52.69
CHATHAM CO	NH3	2636.46	1.99	7.82	39.34
NASH CO	NH3	2369.84	2.5	14	113.21
SCOTLAND CO	NH3	2233.03	8.76	9.69	33.91
IREDELL CO	NH3	2165.4	25.46	20.87	176.82
NORTHAMPTON	NH3	2087.1	1.26	2.29	28.89
Anson County	NH3	2028.96	2.16	4.16	19.97
CUMBERLAND C	NH3	2008.09	42.1899999998	18.65	308.38
Moore County	NH3	2006.85	1.24	8.49	68.72
HARNETT CO	NH3	1985.25	2.55	8.24	90.04

Record: ◄◄ ◄   27   ► ►◄ ►*   of 100

Datasheet View

Start | Micros... | Explori... | Count... | Quer... | 11:01 PM

File   Edit   View   Insert   Format   Records   Tools   Window   Help

COUNTY_ NAME	POLLUTANT_CODE	AREA_ANNEM	POINT_ANNEM	NONROAD_ANNEM	ONROAD_ANN
BEAUFORT CO	NH3	1446.41	801.2	8.36	40.84
COLUMBUS CO	NH3	4221.82	221.51	7.6	48.72
MARTIN CO	NH3	430.43	107.6	4.09	23.76
HAYWOOD CO	NH3	577.44	58.83	4.96	93.78
ROWAN CO	NH3	840.83	46.23	17.73	152.75
VANCE CO	NH3	130.91	45.57	6.18	57.22
CUMBERLAND C	NH3	2008.09	42.1899999998	18.65	308.38
CRAVEN CO	NH3	1703.71	33.8	7.4	77.6
ALAMANCE CO	NH3	830.98	32.02	25.37	150.08
WAKE CO	NH3	440.52	26.82	57.74	676.74
PERSON CO	NH3	397.26	25.62	6.04	30.83
IREDELL CO	NH3	2165.4	25.46	20.87	176.82
GASTON CO	NH3	399.11	19.7225999996	39.7	224.92
Lenoir County	NH3	4655.99	19.59	10.6	52.38
GUILFORD CO	NH3	851.4	17.75	84	495.46
CATAWBA CO	NH3	910.36	15.7000000003	50.68	194.79
BRUNSWICK CO	NH3	1129.62	14.75	4.64	66.21
DURHAM CO	NH3	208.25	14.35	50.98	245.22
ROCKINGHAM C	NH3	462.86	14.32	16.33	85.26
FORSYTH CO	NH3	404.35	13.1445	50.21	365.25
BERTIE CO	NH3	1421.83	13.11	4.72	18.92
NEW HANOVER	NH3	125.63	12.79	16.26	155.21
CABARRUS CO	NH3	572.92	12.71	17.49	139.49
Wilson County	NH3	1298.82	12.55	11.57	93.76
JOHNSTON CO	NH3	3420.34	10.18	11.8	170.9

Record: 14 ◄ | 1 | ► ►| ►* of 100

Datasheet View

SCC Summary

File Edit View Insert Format Records Tools Window Help

SECT	STAT	COUNTY_NAME	SCC	SO2	NOX	VOC	CO	PM10_PRI	PM10_
P	37	PERSON CO	10100202	133707.8	48339.79	227	1890.5	4911	4468.961
P	37	STOKES CO	10200202	83812.93	68241.47	163.4	1361.2	1605.8	1461.262
P	37	CATAWBA CO	10100212	74475.56	26647.77	135.33	1130.57	4567.42	4156.307
P	37	GASTON CO	10100212	44393.2	15572.06	80.28	668.31	2430.27	2211.521
P	37	RUTHERFORD C	10100212	25392.47	8592.59	44.09	367.5	1524.72	1387.480
P	37	BUNCOMBE CO	10100202	22084.57	6302.23	28.58	238.15	334.201434759	3
P	37	NEW HANOVER	10100212	20250.7	6781.87	33	280	383	348.5262
P	37	CHATHAM CO	10100212	13257.85	5358.84	20.87	173.92	372	338.5163
P	37	WAYNE CO	10100201	10093.94	2405.12	13.97	116	313	287.8160
P	37	ROWAN CO	10100212	9629.24	3232.38	17.51	146.22	203.16	184.8735
P	37	ROCKINGHAM C	10100212	6542.15	2556.62	11.9	99.5	105.4	95.91295
P	37	HAYWOOD CO	10100202	6382.9	3232.11	3.1	746.41	67.84	61.7337
P	37	NEW HANOVER	39999999	5809.05	1033.05	986.4	12490.81	322.15	
P	37	BEAUFORT CO	30102332	5788.74	200.41	0.02	0.53	239.54	177
P	37	WAYNE CO	10100212	5338.54	3052.61	7.94	63.08	137	124.6686
P	37	ROBESON CO	10200202	3545.6	2150.02	7	45	54	49.13946
P	37	BRUNSWICK CO	39999993	2985.86	1478.16	8.6	59.23	6.18	
P	37	FORSYTH CO	10200202	2880.121	1276.279	6.53385	54.44875	13.48369	12.27002
P	37	ROBESON CO	10100212	2809.7	947.41	4	33		80.07912
P	37	TRANSYLVANIA	10200202	2642.67	1774.53	4.84	41.84	69	81
P	37	ROWAN CO	10100501	2246.33	743.66	3.6	30.55	36	334
P	37	MARTIN CO	10200902	2100	809	0.53	81.3		529
P	37	CABARRUS CO	10200202	2093.61	573.07	2.76	21.35		26350
P	37	BUNCOMBE CO	10200219	1915.46	954.82	3.88	30.12	6.5011038957	
P	37	COLUMBUS CO	30700110	1849.32	913.89	183.84	4856.16	1225.47	655.8856

Record: 1 of 12004

Datasheet View

Start | Microsoft P... | Exploring - ... | WinZip - c... | SCC_sumc... | Query1 :... | 5:45 PM

File Edit View Insert Format Records Tools Window Help

SECT	STA	COUNTY_NAME	SCC	SO2	NOX	VOC	CO	PM10_PRI	PM10
P	37	IREDELL CO	64131001			6050.56		3.85	
P	37	CALDWELL CO	40201901			5371.09		50.1	
A	37	HALIFAX CO	2810005000		785.72	4715.64	27507.2		
P	37	ROCKINGHAM C	33000101			3995		2.49	1.6076
A	37	NORTHAMPTON	2810005000		661.18	3965.76	23134.25		
A	37	HOKE CO	2810005000		617.28	3705.05	21612.1		
A	37	Warren County	2810005000		587.27	3522.28	20547.3		
P	37	DAVIDSON CO	40201901	0.32		3322.03	1	72.83	
A	37	GUILFORD CO	2401020000			2962.1			
P	37	CATAWBA CO	40201901	0	0.13	2656.15	0.11	13.29	
A	37	ROBESON CO	2810005000		430.04	2580.68	15052.67		
A	37	CATAWBA CO	2401025000			1892.01			
A	37	CATAWBA CO	2401020000			1860.23			
A	37	Richmond County	2810005000		306.85	1840.65	10737.06		
A	37	Anson County	2810005000		302.37	1813.33	10577.14		
A	37	MONTGOMERY (	2810005000		290.28	1740.76	10153.38		
P	37	ROWAN CO	30902099	2.54	24.8	1708	20.2	42.05	27.1496
A	37	SCOTLAND CO	2810005000		267.43	1605.03	9363.63		
A	37	BERTIE CO	2810005000		262.95	1577.7	9203.26		
A	37	WAKE CO	2501060050			1572.08			
P	37	GUILFORD CO	40201901	0	0.31	1544.71	0.14	4	
A	37	MECKLENBURG	2610000500		622.64	1444.53	21045.35	21	
A	37	DAVIDSON CO	2401020000			1401.75			
A	37	NASH CO	2810005000		229.8	1379.71	8047.09		
A	37	CUMBERLAND C	2810005000		223.08	1338.49	7806.98		

Record: |◄ ◄| 1 |► ►| |►* of 12004

Datasheet View

Start | Microsoft P... | Exploring - ... | WinZip - c... | SCC_sumc... | Query1 :... | 5:50 PM

Tier Summary

TIERNAME	CNTY_	VOC	NOx	CO	S
11 - HIGHWAY VEHICLES 01 - Light-Duty Gas Vehicles & Motorcycles 01 - light-du	119	8762.28	6801.6	96569.5	
11 - HIGHWAY VEHICLES 01 - Light-Duty Gas Vehicles & Motorcycles 01 - light-du	183	7596.24	6005.5	80941.9	
11 - HIGHWAY VEHICLES 01 - Light-Duty Gas Vehicles & Motorcycles 01 - light-du	081	5593.68	4411.6	60623.9	
12 - OFF-HIGHWAY 01 - Non-Road Gasoline 04 - lawn & garden	119	3889.86	385.86	55448	
11 - HIGHWAY VEHICLES 02 - Light-Duty Gas Trucks 01 - ldgt1	119	3487.55	2609.6	47297.6	
11 - HIGHWAY VEHICLES 01 - Light-Duty Gas Vehicles & Motorcycles 01 - light-du	051	4389.96	2835.7	45252.9	
11 - HIGHWAY VEHICLES 01 - Light-Duty Gas Vehicles & Motorcycles 01 - light-du	067	4060.95	3234.6	44772.6	
11 - HIGHWAY VEHICLES 01 - Light-Duty Gas Vehicles & Motorcycles 01 - light-du	021	3807.79	2652.2	43247.6	
12 - OFF-HIGHWAY 01 - Non-Road Gasoline 04 - lawn & garden	183	2908.23	287.31	41525.1	
11 - HIGHWAY VEHICLES 02 - Light-Duty Gas Trucks 01 - ldgt1	183	3039	2321.7	39874.4	
11 - HIGHWAY VEHICLES 01 - Light-Duty Gas Vehicles & Motorcycles 01 - light-du	063	2830.52	2199.1	30026.6	
11 - HIGHWAY VEHICLES 02 - Light-Duty Gas Trucks 01 - ldgt1	081	2250.07	1713.4	29995.1	
11 - HIGHWAY VEHICLES 01 - Light-Duty Gas Vehicles & Motorcycles 01 - light-du	035	2607.51	1767.9	28504.1	
11 - HIGHWAY VEHICLES 01 - Light-Duty Gas Vehicles & Motorcycles 01 - light-du	071	2560.67	1999.4	28485.5	
14 - MISCELLANEOUS 02 - Other Combustion 03 - slash/prescribed burning	083	4759.76	0	28430.9	
12 - OFF-HIGHWAY 01 - Non-Road Gasoline 04 - lawn & garden	081	1981.73	195.11	28336.3	
11 - HIGHWAY VEHICLES 01 - Light-Duty Gas Vehicles & Motorcycles 01 - light-du	097	1987.5	1575.9	26672.1	
11 - HIGHWAY VEHICLES 01 - Light-Duty Gas Vehicles & Motorcycles 01 - light-du	101	1892.4	1519.2	25816.3	
14 - MISCELLANEOUS 02 - Other Combustion 03 - slash/prescribed burning	131	3999.35	0	23837.5	
12 - OFF-HIGHWAY 01 - Non-Road Gasoline 06 - light commercial	119	958.22	173.93	23511.6	
11 - HIGHWAY VEHICLES 01 - Light-Duty Gas Vehicles & Motorcycles 01 - light-du	129	2203.41	1451.3	22879.4	
11 - HIGHWAY VEHICLES 01 - Light-Duty Gas Vehicles & Motorcycles 01 - light-du	159	1851.65	1369.6	22451.1	
11 - HIGHWAY VEHICLES 02 - Light-Duty Gas Trucks 01 - ldgt1	067	1639.03	1259.7	22171.7	
11 - HIGHWAY VEHICLES 01 - Light-Duty Gas Vehicles & Motorcycles 01 - light-du	001	1994.05	1368.9	22163	
14 - MISCELLANEOUS 02 - Other Combustion 03 - slash/prescribed burning	093	3731.36	0	22162.9	

Record: I◀ ◀ 1 ▶ ▶I ▶* of 10413

Datasheet View

Missing Facilities

- Compare Facility Count in Draft to Previous Year Inventory
- Compare to Permits
- Compare to TRI

Conclusion

- Your Review is Important
- Become Familiar with the Tools EPA makes Available
- Happy Hunting!

The End