Message

From: Ahuja, Anupa [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=DDCA3C3DF27E43E19290ADBC3FBEA309-AHUJA, ANUPA]
Sent: 7/30/2018 12:59:08 PM
To: Parker, Cindy [parker.cindy@epa.gov]
Subject: RE: 2014/2016 EtO emissions from Sterginics in NM?

Thanks.

From: Parker, Cindy
Sent: Monday, July 30, 2018 7:58 AM
To: Ahuja, Anupa <ahuja.anupa@epa.gov>
Subject: FW: 2014/2016 EtO emissions from Sterginics in NM?

fyi

From: Donaldson, Guy
Sent: Monday, July 30, 2018 7:53 AM
To: Verhalen, Frances <verhalen.frances@epa.gov>; Thompson, Steve <thompson.steve@epa.gov>; Larson, Darrin <Larson.Darrin@epa.gov>; Parker, Cindy <parker.cindy@epa.gov>; Madden, Joshua <madden.joshua@epa.gov>
Subject: FW: 2014/2016 EtO emissions from Sterginics in NM?

FYI,

I reached out to NMED who confirmed the reductions at sterigenics.

From: Baca, Michael, NMENV [mailto:michael.baca1@state.nm.us]
Sent: Friday, July 27, 2018 10:17 AM
To: Donaldson, Guy <Donaldson.Guy@epa.gov>
Subject: RE: 2014/2016 EtO emissions from Sterginics in NM?

Hi Guy,

I spoke with the permit writer and the confirmed that the facility installed new equipment in 2015. They think the emission reductions were a result of the modification to the facility.

Thanks,

Mike

From: Donaldson, Guy <Donaldson.Guy@epa.gov>
Sent: Thursday, July 26, 2018 12:39 PM
To: Baca, Michael, NMENV <michael.baca1@state.nm.us>
Subject: FW: 2014/2016 EtO emissions from Sterginics in NM?
Importance: High

Michael if you get a chance can you give me a call at 214-665-7242 regarding the Sterigenics facility in Santa Theresa.

You may or may not have heard, risk numbers associated with Ethylene Oxide have changed significantly and as a result, some of the Ethylene Oxide sources are showing up now in the coming National Air Toxics assessment.

We think based on the TRI data below and some permit info as well that the Sterigenics facility has reduced its emissions significantly and I just wanted to confirm that NMED is seeing the same thing.

From: Larson, Darrin
Sent: Thursday, July 26, 2018 1:02 PM
To: Verhalen, Frances <verhalen.frances@epa.gov>; Parker, Cindy <parker.cindy@epa.gov>; Donaldson, Guy <Donaldson.Guy@epa.gov>
Subject: FW: 2014/2016 EtO emissions from Sterginics in NM?
Importance: High

Darrin Larson
Chief, Air Permitting Enforcement Section (6EN-AA)
U.S. EPA Region 6
Office: 214-665-7115
Mobile: 972-467-5509

From: Ahuja, Anupa
Sent: Monday, July 16, 2018 12:28 PM
To: Larson, Darrin <Larson.Darrin@epa.gov>; Thompson, Steve <thompson.steve@epa.gov>
Subject: FW: 2014/2016 EtO emissions from Sterginics in NM?
Importance: High

See the data from Mort. Point source emissions did go down from 2014.

From: Wakeland, Morton
Sent: Monday, July 16, 2018 12:18 PM
To: Ahuja, Anupa <ahuja.anupa@epa.gov>
Cc: Stuckey, Troy <Stuckey.Troy@epa.gov>; Yurk, Jeffrey <yurk.jeffrey@epa.gov>
Subject: RE: 2014/2016 EtO emissions from Sterginics in NM?
Importance: High

Good afternoon Anupa

I was out most of last week, so am just getting back to this.

If this is the correct site in NM…

Click on "View Facility Information" to view EPA Facility information for the facility.

Facility Name:	STERIGENICS-SANTA TERESA FACILITY	Mailing Name:	STERIGENICS-SANTA TERESA FACILITY
Address:	2400 AIRPORT RD SANTA TERESA NM 88008	Mailing Address:	2015 SPRING ROAD, SUITE 650 OAK BROOK IL 60523
County:	DONA ANA	Region:	6
Facility Information:	View Facility Information	TRI ID:	88008GRFFT2400A
DUNS Number:	361309719	FRS ID	110000472541
TRI Preferred Latitude:	31.861111	TRI Preferred Longitude:	106.6875
Public Contact:	KATHLEEN HOFFMAN	Phone:	6309281758
Assigned Public Contact:	KATHLEEN HOFFMAN		
Parent Company:	STERIGENICS US LLC	Standardized Parent Company:	STERIGENICS US LLC
BIA Tribal Code:		Tribe:	

Parent DUNS: 098499569

Starting with Reporting Year 2006, TRI Facilities began reporting NAICS codes, instead of SIC codes, to identify their Primary Business Activities.

NAICS Codes for 2016

NAICS CODE	PRIMARY	NAICS DESCRIPTION
561910	YES	Packaging and Labeling Services

Then here are the stack (point) and fugitive emissions for ethylene oxide – I see there are no reports for 2017, is site still active?

Names and Amounts of Chemicals Released to the Environment by Year.

For all releases estimated as a range, the mid-point of the range was used in these calculations. NR - signifies nothing reported for this facility by the corresponding medium. Rows with all "0" or "NR" values were not listed.

Chemical Name	Media	Unit Of Measure	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006	2005	2004	2003	2002	2001	2000	1999	1998	1997	1996	1995
ETHYLENE GLYCOL (TRI Chemical ID: 000107211)	AIR FUG	Pounds	0	0	0	0	0	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	5
ETHYLENE GLYCOL (TRI Chemical ID: 000107211)	AIR STACK	Pounds	0	0	0	0	0	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	5
ETHYLENE OXIDE (TRI Chemical ID: 000075218)	AIR FUG	Pounds	508	537	505	517	564	528	518	506	506	460	484	386	303	271	211	211	196	800	890	850	400	250
ETHYLENE OXIDE (TRI Chemical ID: 000075218)	AIR STACK	Pounds	459	466	5256	9565	11798	12540	11903	10979	14933	13562	14275	11371	6816	6481	4816	4833	4479	4520	5100	260	240	250
PROPYLENE OXIDE (TRI Chemical ID: 000075569)	AIR FUG	Pounds	5.6	7	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	0
PROPYLENE OXIDE (TRI Chemical ID: 000075569)	AIR STACK	Pounds	5	8	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	0

If you need in an Excel worksheet vs screen shot, let me know.

Best week's wishes,
Mort

Morton E. Wakeland, Jr., Ph.D.
EPCRA 313 Enforcement & TRI Program
Coordinator
Waste Compliance III Section
Compliance Assurance & Enforcement Division
U.S. EPA Region 6
Dallas, Texas
(214.665.8116)

From: Ahuja, Anupa
Sent: Friday, July 13, 2018 8:37 AM

To: Wakeland, Morton <wakeland.morton@epa.gov>
Subject: RE: 2014/2016 EtO emissions from Sterginics in NM?

Thank you.

From: Wakeland, Morton
Sent: Friday, July 13, 2018 8:06 AM
To: Yurk, Jeffrey <yurk.jeffrey@epa.gov>
Cc: Ahuja, Anupa <ahuja.anupa@epa.gov>
Subject: RE: 2014/2016 EtO emissions from Sterginics in NM?

am just back in Friday – out all week, may have to leave in a few…will try to get to
Mort

Morton E. Wakeland, Jr., Ph.D.
EPCRA 313 Enforcement & TRI Program Coordinator
Waste Compliance III Section
Compliance Assurance & Enforcement Division
U.S. EPA Region 6
Dallas, Texas
(214.665.8116)

From: Yurk, Jeffrey
Sent: Thursday, July 12, 2018 12:48 PM
To: Wakeland, Morton <wakeland.morton@epa.gov>
Cc: Ahuja, Anupa <ahuja.anupa@epa.gov>
Subject: RE: 2014/2016 EtO emissions from Sterginics in NM?

Mort: Can you help Anupa out with ethylene oxide air emissions from TRI requested below for Sterginics in New Mexico?

Thanks,

Jeff

From: Ahuja, Anupa
Sent: Thursday, July 12, 2018 12:44 PM
To: Yurk, Jeffrey <yurk.jeffrey@epa.gov>
Cc: Larson, Darrin <Larson.Darrin@epa.gov>; Thompson, Steve <thompson.steve@epa.gov>
Subject: 2014/2016 EtO emissions from Sterginics in NM?

Hi Jeff,
Steve Thompson is asking if the EtO emissions in TRI have been reduced by 83% in 2016 vs 2014. If you send the emissions for those 2 yrs, I can do the calc.

Thank you,
Anupa

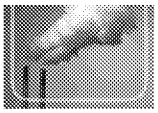
Message

From: Ahuja, Anupa [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=DDCA3C3DF27E43E19290ADBC3FBEA309-AHUJA, ANUPA]
Sent: 7/30/2018 4:04:33 PM
To: Wakeland, Morton [wakeland.morton@epa.gov]
Subject: RE: Ethylene oxide TRI data

BCP may be St. Gabriel, LA

From: Wakeland, Morton
Sent: Monday, July 30, 2018 11:01 AM
To: Ahuja, Anupa <ahuja.anupa@epa.gov>
Subject: RE: Ethylene oxide TRI data

Confirm location of #1 there are not TRI reporters in New Hampton, LA



Search Parameters:

TRI facility information searched

City Name: New Hampton

State Abbreviation: LA

Results are based on data extracted on MAR-07-2018

Morton E. Wakeland, Jr., Ph.D.
EPCRA 313 Enforcement & TRI Program
Coordinator
Waste Compliance III Section
Compliance Assurance & Enforcement Division
U.S. EPA Region 6
Dallas, Texas
(214.665.8116)

From: Ahuja, Anupa
Sent: Monday, July 30, 2018 10:54 AM
To: Wakeland, Morton <wakeland.morton@epa.gov>
Subject: RE: Ethylene oxide TRI data

Yes, both, thank you so much!

From: Wakeland, Morton
Sent: Monday, July 30, 2018 10:44 AM
To: Ahuja, Anupa <ahuja.anupa@epa.gov>
Subject: RE: Ethylene oxide TRI data

Was in a meeting just back to desk Anupa…give me a sec

I presume air stack and air fugitive releases – correct?

Mort

Morton E. Wakeland, Jr., Ph.D.
EPCRA 313 Enforcement & TRI Program Coordinator
Waste Compliance III Section
Compliance Assurance & Enforcement Division
U.S. EPA Region 6
Dallas, Texas
(214.665.8116)

From: Ahuja, Anupa
Sent: Monday, July 30, 2018 10:31 AM
To: Wakeland, Morton <wakeland.morton@epa.gov>
Subject: Ethylene oxide TRI data

Hi Mort,
Can I please get both the 2014 and 2016 TRI data for Ethylene Oxide the following facilities (trying to see there were any substantial increases/decreases):

1. BCP Ingredients – New Hampton LA
2. Union Carbide - Lake Charles LA
3. Evonik (formerly Air Products Reserve plant) – Reserve, LA
4. Taminco – St. Gabriel, LA

5. Huntsman Port Neches Plant – Port Neches, TX
6. Midwest Sterilization – Laredo, TX
7. Eastman – Longview, TX
8. Shell Technology Center – Houston, TX
9. Sterigenics – Santa Teresa, NM

Thank you,
Anupa

Message

From: Ahuja, Anupa [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=DDCA3C3DF27E43E19290ADBC3FBEA309-AHUJA, ANUPA]
Sent: 7/30/2018 4:38:44 PM
To: Wakeland, Morton [wakeland.morton@epa.gov]
Subject: RE: Ethylene oxide TRI data

Thank you!

From: Wakeland, Morton
Sent: Monday, July 30, 2018 11:31 AM
To: Ahuja, Anupa <ahuja.anupa@epa.gov>
Subject: RE: Ethylene oxide TRI data

Can tell you now there was no ethylene oxide reported from 2010-2016 at:

Eastman, Longview, TX
Shell Technology, Houston, TX
Sterigenics, Santa Teresa, NM

Will get others in shape.
Mort

Morton E. Wakeland, Jr., Ph.D.
EPCRA 313 Enforcement & TRI Program Coordinator
Waste Compliance III Section
Compliance Assurance & Enforcement Division
U.S. EPA Region 6
Dallas, Texas
(214.665.8116)

From: Ahuja, Anupa
Sent: Monday, July 30, 2018 11:05 AM
To: Wakeland, Morton <wakeland.morton@epa.gov>
Subject: RE: Ethylene oxide TRI data

How about Hanville, LA (I don't have very accurate info on location it seems)

From: Wakeland, Morton
Sent: Monday, July 30, 2018 11:04 AM
To: Ahuja, Anupa <ahuja.anupa@epa.gov>
Subject: RE: Ethylene oxide TRI data

There is no current Union Carbide reporter in Lake Charles, did they sell?

TRI FACILITY REPORT	TRI FACILITY ID	FACILITY NAME	ADDRESS	COUNTY NAME	LONGITUDE
TRI Facility Report	70602RCDNCI10WE	ARCADIAN FERTILIZER L.P.	I-10 W. LAKE CHARLES, LA 70601	CALCASIEU PARISH	30.233467, -93.263086
TRI Facility Report	70602BNGLS4400L	BOEING LOUISIANA INC.	4400 LEGION ST. LAKE CHARLES, LA 706021397	CALCASIEU PARISH	30.223148, -93.156224
TRI Facility Report	70606CLCSRWESTE	CALCASIEU REFINING CO	4359 W TANK FARM RD LAKE CHARLES, LA 70605	CALCASIEU PARISH	30.1338, -93.3206
TRI Facility Report	70601CRBLN900OP	CARBOLINE CO	900 OPELO US AS ST LAKE CHARLES, LA 70601	CALCASIEU PARISH	30.24206, -93.20806
TRI Facility Report	70615GLFCS627LE	GULF COAST CHEMICAL LLC	6207 LESLIE LN LAKE CHARLES, LA 70615	CALCASIEU PARISH	30.234301, -93.126616
TRI Facility Report	70602NDSTR5716E	INDUSTRIAL PIPE & PLASTICS INC.	5716 E. BROAD ST. LAKE CHARLES, LA 70615	CALCASIEU PARISH	30.23019, -93.13412
TRI Facility Report	70605LKCHR3943G	LAKE CHARLES CARBON CO	4040 W TANK FARM RD LAKE CHARLES, LA 70605	CALCASIEU PARISH	30.11837, -93.29295
TRI Facility Report	7060WLKCHR821HE	MARTIN OPERATING PTNR - LAKE CHARLES DOCK	3700 HENRY PUGH BLVD LAKE CHARLES, LA 70605	CALCASIEU PARISH	30.10554, -93.304878
TRI Facility Report	7061WMRTNP37BUN	MARTIN OPERATING PTNR-LAKE CHARLES	307 BUNKER RD LAKE CHARLES, LA 70615	CALCASIEU PARISH	30.2331, -93.16344
TRI Facility Report	70605MSHPLRT14B	MESH PLASTICS LTD.	2700 MCNEESE FARM RD., FARM RD. LAKE CHARLES, LA 70605	CALCASIEU PARISH	30.18357, -93.17675
TRI Facility Report	70615NRTHR4400L	NORTHROP GRUMMAN CORP.	4400 SEN. J. B. JOHNSTON AVE. LAKE CHARLES, LA 706155157	CALCASIEU PARISH	30.22324, -93.15612
TRI Facility Report	70616GLDLN4646H	PELICAN REFINING CO LLC	4646 LA. HWY 3059 LAKE CHARLES, LA 70615	CALCASIEU PARISH	30.28614, -93.1448
TRI Facility Report	7060WSHWMD3191W	SHAW MODULAR SOLUTIONS	3191 W LINCOLN RD LAKE CHARLES, LA 70605	CALCASIEU PARISH	30.110144, -93.276949
TRI Facility Report	70615SPRTC111JA	SPARTECH POLYCOM INC	1101 JAMES SUDDUTH PKWY LAKE CHARLES, LA 70615	CALCASIEU PARISH	30.220303, -93.13836

Showing 1 to 14 of 14 entries Show 25 entries

Morton E. Wakeland, Jr., Ph.D.
EPCRA 313 Enforcement & TRI Program Coordinator
Waste Compliance III Section
Compliance Assurance & Enforcement Division
U.S. EPA Region 6
Dallas, Texas
(214.665.8116)

From: Ahuja, Anupa
Sent: Monday, July 30, 2018 10:54 AM
To: Wakeland, Morton <wakeland.morton@epa.gov>
Subject: RE: Ethylene oxide TRI data

Yes, both, thank you so much!

From: Wakeland, Morton
Sent: Monday, July 30, 2018 10:44 AM
To: Ahuja, Anupa <ahuja.anupa@epa.gov>
Subject: RE: Ethylene oxide TRI data

Was in a meeting just back to desk Anupa…give me a sec

I presume air stack and air fugitive releases – correct?

Mort

Morton E. Wakeland, Jr., Ph.D.
EPCRA 313 Enforcement & TRI Program
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(214.665.8116)

From: Ahuja, Anupa
Sent: Monday, July 30, 2018 10:31 AM
To: Wakeland, Morton <wakeland.morton@epa.gov>
Subject: Ethylene oxide TRI data

Hi Mort,
Can I please get both the 2014 and 2016 TRI data for Ethylene Oxide the following facilities (trying to see there were any substantial increases/decreases):

1. BCP Ingredients – New Hampton LA
2. Union Carbide - Lake Charles LA
3. Evonik (formerly Air Products Reserve plant) – Reserve, LA
4. Taminco – St. Gabriel, LA

5. Huntsman Port Neches Plant – Port Neches, TX
6. Midwest Sterilization – Laredo, TX
7. Eastman – Longview, TX
8. Shell Technology Center – Houston, TX
9. Sterigenics – Santa Teresa, NM

Thank you,
Anupa

Message

From: Ahuja, Anupa [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=DDCA3C3DF27E43E19290ADBC3FBEA309-AHUJA, ANUPA]
Sent: 8/1/2018 2:26:40 PM
To: Yurk, Jeffrey [yurk.jeffrey@epa.gov]
Subject: FW: Can I pls get the 2014 and 2106 EtO EI data

Jeff,

Midwest sterilization is not on the 2016 data ? Is that correct?

From: Ahuja, Anupa
Sent: Tuesday, July 31, 2018 6:43 AM
To: Yurk, Jeffrey <yurk.jeffrey@epa.gov>
Subject: RE: Can I pls get the 2014 and 2106 EtO EI data

Thanks!

From: Yurk, Jeffrey
Sent: Monday, July 30, 2018 3:40 PM
To: Ahuja, Anupa <ahuja.anupa@epa.gov>
Subject: RE: Can I pls get the 2014 and 2106 EtO EI data

Attached are all EtO EI data from all sources in TX and LA for 2014 and 2016

From: Ahuja, Anupa
Sent: Monday, July 30, 2018 9:59 AM
To: Yurk, Jeffrey <yurk.jeffrey@epa.gov>
Subject: Can I pls get the 2014 and 2106 EtO EI data

Hi Jeff,
Can I please get both the 2014 and 2016 EI data for EtO the following facilities (trying to see there were any substantial increases/decreases):

1. BCP Ingredients – New Hampton LA
2. Union Carbide - Lake Charles LA
3. Evonik (formerly Air Products Reserve plant) – Reserve, LA
4. Taminco – St. Gabriel, LA

5. Huntsman Port Neches Plant – Port Neches, TX
6. Midwest Sterilization – Laredo, TX
7. Texas Operations? I don't know the real name here – Longview, TX
8. Shell Technology Center – Houston, TX
9. Sterigenics – Santa Teresa, NM

Thank you,
Anupa

Message

From: Ahuja, Anupa [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=DDCA3C3DF27E43E19290ADBC3FBEA309-AHUJA, ANUPA]
Sent: 7/12/2018 5:39:14 PM
To: Thompson, Steve [thompson.steve@epa.gov]; Larson, Darrin [Larson.Darrin@epa.gov]
Subject: RE: Ethylene oxide facility in NM - NATA

Just FYi, the permitted EtO and PO together are limited to 6.1 tons.

From: Thompson, Steve
Sent: Thursday, July 12, 2018 12:34 PM
To: Larson, Darrin <Larson.Darrin@epa.gov>
Cc: Ahuja, Anupa <ahuja.anupa@epa.gov>
Subject: Re: Ethylene oxide facility in NM - NATA

So this statement appears to indicate that the current emissions are reduced from 3 tons to less than 1? Can you look up the Current TRI reported value?

Per Region V who contacted Sterigenics, emission reduction techniques were put into place by Sterigenics at this facility. TRI emissions reflect this- emissions went down by 83% between 2016 and 2014. TRI ID is 88008GRFFT2400A

Sent from my iPhone

On Jul 12, 2018, at 11:13 AM, Larson, Darrin <Larson.Darrin@epa.gov> wrote:

> Here's what I sent to NMED.
>
> Darrin Larson
> Chief, Air Permitting Enforcement Section (6EN-AA)
> U.S. EPA Region 6
> Office: 214-665-7115
> Mobile: 972-467-5509
>
> ---
>
> **From:** Larson, Darrin
> **Sent:** Thursday, May 24, 2018 1:54 PM
> **To:** 'Gruebel, Ralph, NMENV' <Ralph.Gruebel@state.nm.us>
> **Cc:** Steve Thompson <thompson.steve@epa.gov>
> **Subject:** Ethylene oxide facility in NM - NATA
>
> Hi Ralph,
>
> Here's the facility I mentioned during our call. Please let me know if you would like to discuss further.
>
> For more info. on NATA in general, here's the link: https://www.epa.gov/national-air-toxics-assessment
>
> And here's a link to the IRIS ethylene oxide page:
> https://cfpub.epa.gov/ncea/iris2/chemicalLanding.cfm?substance_nmbr=1025
>
> Darrin

Darrin Larson
Chief, Air Permitting Enforcement Section (6EN-AA)
U.S. EPA Region 6
Office: 214-665-7115
Mobile: 972-467-5509

<Ethylene Oxide NATA NM.xlsx>