

Date: March 15, 2013
Subject: HMIWI Units Shut Down Since 2010
From: Amy Hambrick
OAQPS/SPPD (E143-03)
U.S. Environmental Protection Agency
Research Triangle Park, NC 27711
To: HMIWI Federal Plan Docket

This memo is for the HMIWI Federal Plan Docket. The attached emails document correspondence between EPA OAQPS, EPA Regions, and State environmental offices. The purpose of this correspondence was to verify the unit inventory for the final HMIWI amended Federal Plan. As the below emails document, a total of 21 units in 7 EPA Regions shut down.

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REGION 1 SHUT DOWNS

EMAIL CHAIN 1 OF 1

----- Forwarded by Amy Hambrick/RTP/USEPA/US on 01/29/2013 03:50 PM -----

From: Patrick Bird/R1/USEPA/US
To: Amy Hambrick/RTP/USEPA/US@EPA
Date: 01/22/2013 08:35 AM
Subject: Re: Response Requested by COB 1/22/13

Connecticut responded to my request about HMIWI units, and it turns out the only unit located in CT (at a Bristol-Myers Squibb plant) shut down in late 2012. I've attached an inspection and notice of permit revocation issued by Connecticut DEEP. The state is in the process of submitting a neg dec.

This means that Region 1 (CT, ME, MA, NH, RI, and VT) has no existing source HMIWIs.

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US EPA New England
5 Post Office Square OEP05-2
Boston, MA 02109-3912
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Fax: 617-918-0287
Email: Bird.Patrick@epa.gov

<http://www.epa.gov/aboutepa/region1.html>

Please consider the environment before printing this email.

REGION 2 SHUT DOWNS

EMAIL CHAIN 1 OF 1

----- Forwarded by Amy Hambrick/RTP/USEPA/US on 01/29/2013 03:49 PM -----

From: Anthony Gardella/R2/USEPA/US
To: Amy Hambrick/RTP/USEPA/US@EPA
Date: 01/22/2013 11:18 AM
Subject: Re: Response Requested by COB 1/22/13

Hi Amy

ITEM 1:

NJ indicates that the source you indicate in the table below (Merck & Co.) is no longer in operation and there are no other HMIWI sources in NJ.

REGION 3 SHUT DOWNS

EMAIL CHAIN 1 OF 2

----- Forwarded by Amy Hambrick/RTP/USEPA/US on 01/29/2013 03:48 PM -----

From: Mike Gordon/R3/USEPA/US
To: Amy Hambrick/RTP/USEPA/US@EPA
Date: 01/22/2013 12:05 PM
Subject: Maryland HMMWI Inventory

Hi Amy,

Maryland got back to me this morning, so this is the last of the information from the survey. Let me know if you have any questions or if you need anything else.

-Mike

Curtis Bay Energy -



CurtisBayT5permit.doc

Franklin Square Hospital - **Shutdown**

University of Maryland at Baltimore - **Shutdown**

Fort Detrick -



24-021-00131-Fort Detrick Permit.doc

Washington County Hospital - **Shutdown**

Mike Gordon
Environmental Engineer
EPA Region III
Office of Permits & Air Toxics 3AP10
1650 Arch Street
Philadelphia, PA 19103
(215)-814-2039
Gordon.Mike@epa.gov

EMAIL CHAIN 2 OF 2

----- Forwarded by Amy Hambrick/RTP/USEPA/US on 01/29/2013 03:52 PM -----

From: Mike Gordon/R3/USEPA/US
To: Amy Hambrick/RTP/USEPA/US@EPA
Date: 01/18/2013 10:37 AM
Subject: West Virginia HMMWI Inventory

Charleston Area Medical Center - In operation, last permitting action was October 2012 renewal



FinalPermit.docx

Thomas Memorial Hospital - Shut down

West Virginia Dept of Health - operating under pathological waste exemption (no title V permit)...I'm not sure if you need this for the inventory or not.

Mike Gordon
Environmental Engineer
EPA Region III
Office of Permits & Air Toxics 3AP10
1650 Arch Street
Philadelphia, PA 19103
(215)-814-2039
Gordon.Mike@epa.gov

REGION 4 SHUT DOWNS

EMAIL CHAIN 1 OF 3

----- Forwarded by Amy Hambrick/RTP/USEPA/US on 01/29/2013 03:38 PM -----

From: "Svec, Ed" <Ed.Svec@dep.state.fl.us>
To: Amy Hambrick/RTP/USEPA/US@EPA
Cc: Stan Kukier/R4/USEPA/US@EPA, "Attalla, Yousry" <Yousry.Attalla@dep.state.fl.us>
Date: 01/28/2013 10:37 AM
Subject: RE: HMIWI inventory in FL

Yes. Like so many other hospitals in Florida, they have contracted with outside suppliers for incinerator services.

Hope this answers your questions. If not, let me know what else you may need.

Ed Svec

From: Hambrick.Amy@epamail.epa.gov [mailto:Hambrick.Amy@epamail.epa.gov]
Sent: Monday, January 28, 2013 10:32 AM
To: Svec, Ed
Cc: Kukier.Stan@epamail.epa.gov; Attalla, Yousry
Subject: RE: HMIWI inventory in FL

Thank you Ed for the information. So these units are rendered inoperable and shutdown?

Amy

Amy Hambrick
Fuels and Incineration Group
US EPA / OAQPS / Sector Policies and Programs Division
Phone: 919-541-0964

▼ "Svec, Ed" ---01/25/2013 02:25:46 PM---Amy: All three facilities show their incinerators as inactive. Malcolm Randall has relinquished the

From: "Svec, Ed" <Ed.Svec@dep.state.fl.us>
To: Amy Hambrick/RTP/USEPA/US@EPA, "Attalla, Yousry" <Yousry.Attalla@dep.state.fl.us>
Cc: Stan Kukier/R4/USEPA/US@EPA
Date: 01/25/2013 02:25 PM
Subject: RE: HMIWI inventory in FL

Amy:

All three facilities show their incinerators as inactive. Malcolm Randall has relinquished their Title V permit and currently have a state operating permit for their boilers. Memorial Regional withdrew their Title V renewal and currently have a FESOP for their boilers and engines. Bayfront currently does not hold any permits.

Ed Svec

Please take a few minutes to share your comments on the service you received from the department by clicking on this link [DEP Customer Survey](#).

From: Hambrick.Amy@epamail.epa.gov [<mailto:Hambrick.Amy@epamail.epa.gov>]

Sent: Friday, January 25, 2013 1:54 PM

To: Attalla, Yousry

Cc: Svec, Ed; Kukier.Stan@epamail.epa.gov

Subject: HMIWI inventory in FL

HI Yousry,

Nice talking with you today. I am in the process of updating the unit inventory for the Hospital Medical Infectious Waste Incineration Federal Plan. EPA proposed the Federal Plan in April of 2012 and we are working to finalize that rule soon. Can you please confirm if the following HMIWIs are still in operation? I checked their Title V permits on FL website, it looks like the permits expired in 2011 or 2012 but I could not find a renewed permit or letter indicating if the unit is shutdown. Any assistance would be appreciated.

Malcolm Randall Veterans Affairs Medical Center, North Florida/South Georgia Veterans Health System		NA	1601 S.W. Archer Road
Memorial Regional Hospital		Hollywood Memorial Hospital	3501 Johnson Street
Bayfront Medical Center		NA	701 6th Street S.

Thank you,

Amy

Amy Hambrick
Fuels and Incineration Group
US EPA / OAQPS / Sector Policies and Programs Division
Phone: 919-541-0964

EMAIL CHAIN 2 OF 3

----- Forwarded by Amy Hambrick/RTP/USEPA/US on 01/29/2013 03:39 PM -----

From: "Burlison, Joelle" <joelle.burlison@ncdenr.gov>
To: Amy Hambrick/RTP/USEPA/US@EPA, Stan Kukier/R4/USEPA/US@EPA
Date: 01/29/2013 11:40 AM
Subject: RE: East Carolina University, Health Sciences Campus, HSC Utility Plant - Title V Permit (HMIWI Inventory Update)

Hi:

The emission source in question was removed from the permit April 14, 2010. The permit reflecting this is attached. If you need additional information, please let me know. Have a nice day.

Joelle Burlison, EIT, CPM, Supervisor
Planning Section, Rules Development Branch
NC DENR, Division of Air Quality
1641 Mail Service Center
Raleigh, NC 27699-1641
Phone/Fax: 919-707-8720
www.ncair.org
joelle.burlison@ncdenr.gov

***Please note: Effective October 24, 2011, DAQ's Central Office relocated to the new Green Square Office Complex at 217 West Jones Street, Raleigh, NC. ***

Email correspondence to and from this address is subject to the North Carolina Public Records Law and may be disclosed to third parties unless the content is exempt by statute or other regulation.

From: Hambrick.Amy@epamail.epa.gov [mailto:Hambrick.Amy@epamail.epa.gov]
Sent: Tuesday, January 29, 2013 11:07 AM
To: Kukier.Stan@epamail.epa.gov
Cc: Burlison, Joelle
Subject: RE: East Carolina University, Health Sciences Campus, HSC Utility Plant - Title V Permit (HMIWI Inventory Update)

Hi Joelle,

Thank you for taking the time to confirm.

Regards,

Amy

Amy Hambrick
Fuels and Incineration Group
US EPA / OAQPS / Sector Policies and Programs Division
Phone: 919-541-0964

▼ Stan Kukier---01/29/2013 10:19:39 AM---Hi Joelle, Thank you for your help. Very much appreciated. Sorry to bother you.

From: Stan Kukier/R4/USEPA/US
To: "Burleson, Joelle" <joelle.burleson@ncdenr.gov>
Cc: Amy Hambrick/RTP/USEPA/US@EPA
Date: 01/29/2013 10:19 AM
Subject: RE: East Carolina University, Health Sciences Campus, HSC Utility Plant - Title V Permit (HMIWI Inventory Update)

Hi Joelle,
Thank you for your help. Very much appreciated. Sorry to bother you.
Stan

▼ "Burleson, Joelle" ---01/29/2013 10:06:55 AM---Hi Stan and Amy: I think the unit may have been shut down, but I have someone checki

From: "Burleson, Joelle" <joelle.burleson@ncdenr.gov>
To: Stan Kukier/R4/USEPA/US@EPA
Cc: Amy Hambrick/RTP/USEPA/US@EPA
Date: 01/29/2013 10:06 AM
Subject: RE: East Carolina University, Health Sciences Campus, HSC Utility Plant - Title V Permit (HMIWI Inventory Update)

Hi Stan and Amy:
I think the unit may have been shut down, but I have someone checking on it and hope to get back to you later today.

Joelle Burleson, EIT, CPM, Supervisor
Planning Section, Rules Development Branch
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***Please note: Effective October 24, 2011, DAQ's Central Office relocated to the new Green Square Office Complex at 217 West Jones Street, Raleigh, NC. ***

Email correspondence to and from this address is subject to the North Carolina Public Records Law and may be disclosed to third parties unless the content is exempt by statute or other regulation.

From: Kukier.Stan@epamail.epa.gov [<mailto:Kukier.Stan@epamail.epa.gov>]
Sent: Friday, January 25, 2013 9:28 AM

To: Burleson, Joelle

Cc: Hambrick.Amy@epamail.epa.gov

Subject: East Carolina University, Health Sciences Campus, HSC Utility Plant - Title V Permit (HMIWI Inventory Update)

Hi Joelle,

Sorry to bother you. Just had a quick question that I thought I would try to check with you about. Amy Hambrick at OAQPS was trying to update the inventory of HMIWI units in Region 4 EPA and was unable to locate the above source (600 Moye Boulevard, Greenville, NC 27834, Pitt County) while trying to search the NC DENR DAQ permit database (http://xapps.ncdenr.org/aq/docs/FDocs_Search.jsp) for the Title V permit. Amy was specifically interested in getting the Title V permit for this facility. Not sure if you would be able to locate the Title V permit for this facility, or is this facility shut down or not in operation. If possible, please let Amy know at your convenience if there is a Title V permit for this facility that she might be able to get a copy of. We appreciate your help very much. Again, thank you for your time and trouble helping us out.

Thanks Much,

Stan Kukier

Region 4 EPA

Hi Stan,

I can't seem to find :

East Carolina University, Health Sciences Campus, HSC Utility Plant		NA	600 Moye Boulevard
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Is this unit still operating?

Thank you,

Amy

Amy Hambrick

Fuels and Incineration Group

US EPA / OAQPS / Sector Policies and Programs Division

Phone: 919-541-0964



ECU_HMIWI.doc

EMAIL CHAIN 3 of 3

----- Forwarded by Amy Hambrick/RTP/USEPA/US on 01/29/2013 05:14 PM -----

From: Stan Kukier/R4/USEPA/US
To: Amy Hambrick/RTP/USEPA/US@EPA
Date: 01/22/2013 03:27 PM
Subject: Re: Response Requested by COB 1/22/13

Hi Amy,
Happy New Year! as well. Hope you had a great holiday. I was out of the office this past Friday and was out of the office on 01/18 and 01/21. Of course, I will be happy to try and get you the information you are requesting. The States normally just refer us or anyone else to their searchable air permitting website databases to download whatever air permits anyone may be interested in. I can provide you the appropriate links to the state agency air permitting website databases. You would just have to enter minimal information and you can download whatever Title V permits you require. Of course, one or two of the sites are likely to be easier to use than the others. I contacted the local Memphis Shelby County Local Program for the requested TN Title V Permit since they do not have a searchable air permit database. This particular Title V permit is attached below. Hope this information is useful.

ITEM 1:

Florida Title V Air Permits:

<http://approd.dep.state.fl.us/air/emission/apds/default.asp>

(probably just use "Search by Facility information:")

Georgia

<http://airpermit.dnr.state.ga.us/gairpermits/>

North Carolina

http://daq.state.nc.us/permits/aapa_reports/all_TV.pdf (NC DAQ List of Permitted Title V Facilities)

http://xapps.ncdenr.org/aq/docs/FDocs_Search.jsp

Tennessee

(Does not have a searchable database so I contacted local Memphis Shelby County Local Program to obtain an electronic copy which I have attached below)

----- Forwarded by Amy Hambrick/RTP/USEPA/US on 01/29/2013 05:09 PM -----

From: Amy Hambrick/RTP/USEPA/US
To: Stan Kukier/R4/USEPA/US@EPA
Date: 01/25/2013 01:18 PM
Subject: FYI

Stan,

FYI shut down in March 2012 and now using a "vanishing system"

"Also located at the facility is a medical waste processing/sanitation system known as the Vanish System. This system operates by grinding the medical waste in an internal chamber and thereby exposing the waste to temperatures between 275°F - 325°F. The waste material's volume is significantly reduced during the process. The shredded material exits the system and is considered sanitized per the Florida Department of Health guidelines and is no longer required to be handled as a medical waste. There is no

combustion occurring as part of the waste processing system, and the unit is electrically-powered. The finished product is hauled off-site as needed for disposal. The system was determined to be exempt from air permitting, and is included in the permit as part of Appendix I (List of Insignificant Emission Units). "

St. Joseph's Hospital		NA	3001 W. Martin Luther King Jr.
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This should be that last email. Sorry to bombard you.

Amy

Amy Hambrick
Fuels and Incineration Group
US EPA / OAQPS / Sector Policies and Programs Division
Phone: 919-541-0964

----- Forwarded by Amy Hambrick/RTP/USEPA/US on 01/29/2013 05:10 PM -----

From: Amy Hambrick/RTP/USEPA/US
To: Stan Kukier/R4/USEPA/US@EPA
Date: 01/25/2013 01:02 PM
Subject: FYI

Stan,

Looks like,

Lakeland Regional Medical Center		NA	1324 Lakeland Hills Boulevard
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Shut down in March 2011.

Amy

Amy Hambrick
Fuels and Incineration Group
US EPA / OAQPS / Sector Policies and Programs Division
Phone: 919-541-0964

----- Forwarded by Amy Hambrick/RTP/USEPA/US on 01/29/2013 05:10 PM -----

From: Amy Hambrick/RTP/USEPA/US
To: Stan Kukier/R4/USEPA/US@EPA
Date: 01/25/2013 12:23 PM
Subject: FYI

Stan,

Looks like

Boca Raton Community Hospital		NA	800 Meadows Road
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has shut down based on there last permit update. Shut down May 2010 and confirmed by an inspector in March 2011.

Amy

Amy Hambrick
Fuels and Incineration Group
US EPA / OAQPS / Sector Policies and Programs Division
Phone: 919-541-0964

REGION 5 SHUT DOWNS

EMAIL CHAIN 1 OF 3

----- Forwarded by Margaret Sieffert/R5/USEPA/US on 01/22/2013 06:57 AM -----

From: "Thompson, Dana" <dana.thompson@epa.state.oh.us>
To: Margaret Sieffert/R5/USEPA/US@EPA,
Cc: "Hall, Andrew" <andrew.hall@epa.state.oh.us>, "Shockley, Alison" <Alison.Shockley@epa.state.oh.us>
Date: 01/18/2013 12:14 PM
Subject: RE: HMIWI request - OH

Margaret:

Of the four units you've listed for Ohio, two have been shut down:

1652050013 N002 Medina Hospital
0123010015 N001 Fairfield Medical Center

The former has been physically removed, and the latter has had critical parts removed to render it inoperable.

MedCentral (Mansfield Hospital) is still operating, and I've attached its Title V permit and Statement of Basis. Stericycle continues to operate its existing unit (N001), and has applied to install a new 1500 lb/hr NSPS unit (N010).

EMAIL CHAIN 2 OF 3

----- Forwarded by Margaret Sieffert/R5/USEPA/US on 01/17/2013 10:26 AM -----

From: "Bem, Susan" <SBEM@idem.IN.gov>
To: Margaret Sieffert/R5/USEPA/US@EPA,
Date: 01/16/2013 03:21 PM
Subject: RE: HMIWI request - IN

Margaret –

I do have an update for Indiana. Parkview is the only hospital that has indicated that they are remaining open and have plans in place to comply with the revised standards. South Bend and Good Samaritan have shut down the operation of their incinerators that are subject to the revised HMIWI rule. I have a quarterly compliance report from South Bend dated 10/12/12 that indicates a shut down date of

10/5/12. For Good Samaritan I have a letter to IDEM dated 10/2/2012 stating that they will shut down on 10/27/12.

Susan

EMAIL CHAIN 3 OF 3

----- Forwarded by Amy Hambrick/RTP/USEPA/US on 01/29/2013 03:54 PM -----

From: Margaret Sieffert/R5/USEPA/US
To: Amy Hambrick/RTP/USEPA/US@EPA
Date: 01/16/2013 03:12 PM
Subject: Re: Response Requested by COB 1/22/13

You should have Indiana's sources (which are the same ones listed below) and their emissions in the state plan I sent you yesterday.

For Illinois the only 2 sources are the Stericycle, Inc ones in Clinton. According to the State Plan request, Loyola's Maywood facility was permanently shut down.

REGION 9 SHUT DOWNS

EMAIL CHAIN 1 OF 1

----- Forwarded by Amy Hambrick/RTP/USEPA/US on 01/29/2013 03:42 PM -----

From: Shaheerah Kelly/R9/USEPA/US
To: Amy Hambrick/RTP/USEPA/US@EPA
Date: 01/25/2013 01:46 PM
Subject: Re: checking in...

Hi Amy. Let me know if you have any questions.

The incinerator ceased operations on December 31, 2010. Attached is a copy of the last permit issued for the incinerator.



Kona Hospital permit.pdf

Shaheerah Kelly, Environmental Engineer
U.S. Environmental Protection Agency, Region 9
Permits Office, Air Division
San Francisco, CA 94105
Phone: 415-947-4156
Fax: 415-947-3579
Email: kelly.shaheerah@epa.gov

REGION 10 SHUT DOWNS

EMAIL CHAIN 1 OF 1

----- Forwarded by Amy Hambrick/RTP/USEPA/US on 01/29/2013 03:52 PM -----

From: John Pavitt/R10/USEPA/US
To: Heather Valdez/R10/USEPA/US@EPA
Cc: Amy Hambrick/RTP/USEPA/US@EPA
Date: 01/17/2013 07:29 PM
Subject: Re: Response Requested by COB 1/22/13

The Y-K Hospital shut down it's incinerator in 2009.

The facility had some sort of state enforcement action, I'm not exactly sure why. But I'm attaching a copy of the State compliance close out letter when the incinerator was shut down. They no longer need a TV permit now. I'd say it's pretty safe to say the incinerator is inoperable.



27-2009 YKHC Secon Inc..pdf

AQ0737TVP01 Termination of COBC 07-

John Pavitt
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