To: Tingley, Kevin[Tingley.Kevin@epa.gov]; Workman, Rosemary[Workman.Rosemary@epa.gov]
Cc: Kyle, Lee[Kyle.Lee@epa.gov]; Greene, Ana[Greene.ana@epa.gov]; Gattuso, Peter[Gattuso.Peter@epa.gov]; Santiago, Armando[Santiago.Armando@epa.gov]
From: Smith, David G.
Sent: Tue 1/14/2014 3:07:30 PM
Subject: RE: Chemical facilities near drinking water plants

Hi Kevin –

With regard to "Chemical Facilities" – that would under a number of programs, such as TRI, RMP, TSCA, RCRAInfo, and potentially SSTS and others. And as I understand it, the Charleston WV facility only reported MCHM to Tier II, which we do not have in FRS. As an example, here's what we have on the Charleston WV facility in FRS (Intranet query): http://ofmint.rtpnc.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110010851541

Here's the WSJ article speaking to the Tier II gap: http://online.wsj.com/news/articles/SB10001424052702303819704579317062273564766

We do have the core facility information for TRI, RMP, TSCA, RCRAInfo, SSTS and other programs, i.e. name, address, owner, contact info, GIS data, NAICS/SIC code in FRS and we could provide those, but the chemicals data has historically not been in FRS.

More recently, the FRS team had started looking at packaging some of the chemicals data together with the FRS data for emergency response, in what we are calling an "Emergency Support Function 10" layer dealing with facilities that may have oil or hazardous materials – it currently contains chemicals data for several programs, and an ArcGIS Map Service can be found here: http://igeo.epa.gov/ArcGIS/rest/services/OEI/FRS_ESF10/MapServer or on Orator https://orator.epa.gov/ArcGIS/rest/services/OEI/FRS_ESF10/MapServer - it can also be downloaded as a geodatabase http://134.67.224.154/FRS/downloads/FRS_ESF10_01102014.zip

This map service is on the EPA INTRANET, as we have not been publishing the RMP chemicals data outside EPA and the ER community. It would be crucial to coordinate with OSWER/OEM (Peter Gattuso and Armando Santiago, cc'ed) if any RMP related data were to go to media.

Let us know if any of this can help meet your needs – and let us know if we can look at possible ways to query additional data.

Also, on a related note, we've been participating in a workgroup on Executive Order 13650 regarding safety of chemical facilities, and we're anticipating that this will be driving additional integration needs for chemicals data, we've been looking at the possibility of pulling in more chemicals data for analyses to support improving safety of these facilities.

With regard to drinking water facilities, FRS has typically only focused on treatment plants – we have SDWIS treatment plant data from October 2012, to which we've linked other program data such as NPDES permits or other info relating to chemicals used in water treatment plants, which may help you in your analyses as well – but we have typically NOT dealt with intake locations or individual wellhead locations. Let us know if you'd like us to extract any of the SDWIS data that we have as it may have been augmented with locations, addresses and contact info from other programs.

David G. Smith PE PLS

USEPA Office of Environmental Information

202.566.0797| http://epa.gov/enviro |

From: Greene, Ana
Sent: Tuesday, January 14, 2014 8:30 AM
To: Smith, David G.
Subject: FW: Chemical facilities near drinking water plants

Can we use our SDWIS layer to help with this request?

Ana Greene

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From: Tingley, Kevin
Sent: Tuesday, January 14, 2014 8:21 AM
To: Greene, Ana
Cc: Workman, Rosemary
Subject: Chemical facilities near drinking water plants

Hi Ana,

Joe Wilson of ORCR recommended that we reach out to you with the following question, since I understand you work with the Facility Registry Service.

Is there a way to find out how many chemical facilities (manufacturing or storage) are near drinking water sources nationwide?

You can probably guess why this question has come up – ABC News asked us in the wake of the Charleston WV MCHM spill last week.

Anything you can provide would be helpful, even if it's confirmation that this information is not available. Or if you can think of someone who might be able to help us answer it, that would help too.

Thanks,

-Kevin

Kevin Tingley, P.E.

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