Archived: Wednesday, August 31, 2016 2:18:02 PM
From: DeGrazia, Joseph (DEQ)
Sent: Tuesday, February 23, 2016 11:20:06 AM
To: Kozel, Lori; Kimble, Jeffrey
Subject: RE: Highland Park Warehouse Fire
Importance: Normal

Thanks Guys!!

JOE DEGRAZIA
Incident Management Specialist
Department of Environmental Quality
(586) 291-0476

From: Kozel, Lori [mailto:Lori.Kozel@tetratech.com]
Sent: Tuesday, February 23, 2016 11:12 AM
To: Kimble, Jeffrey; DeGrazia, Joseph (DEQ)
Subject: RE: Highland Park Warehouse Fire

The only data that is posted is the two initial air samples that were collected directly in the plume. This data is final and validation complete. Let me know if you can't access it.

We are still waiting on the Level 4 data packages from the lab so that validation can be completed for the other two data sets.

Joe -- attached are the data packages from the lab, final data from them but yet to be validated by us so I am not posting to the site.
1602281 – onsite soil on 2/10/16
1602446 – perimeter air on 2/17/16

Thanks
Lori

From: Kimble, Jeffrey [mailto:kimble.jeffrey@epa.gov]
Sent: Tuesday, February 23, 2016 10:47 AM
To: DeGrazia, Joseph (DEQ) <DEGRAZIAJ@michigan.gov>
Cc: Kozel, Lori <Lori.Kozel@tetratech.com>
Subject: RE: Highland Park Warehouse Fire

Yea, it should be getting posted to the website I created.

Lori- Make sure Joe has rights to the website.

Also, the owner wants to start scraping the metal. Apparently, he owns a scrap yard also, AND there are at least 16 transformers there. FYI

From: DeGrazia, Joseph (DEQ) [mailto:DEGRAZIAJ@michigan.gov]
Sent: Tuesday, February 23, 2016 10:29 AM
To: Kimble, Jeffrey <kimble.jeffrey@epa.gov>
Subject: Re: Highland Park Warehouse Fire

Hey Jeff,
Any way j can get a copy of the data you collected?
Thanks,
Joe

Sent from my iPhone

On Feb 23, 2016, at 10:24 AM, Kimble, Jeffrey <kimble.jeffrey@epa.gov> wrote:

> **Lori,**
>
> Can you make sure that Keith Fusinski in my office has all of the sampling data from the warehouse fire?
>
> He has already talked to one resident about air issues.
>
> Also, Jerome Brown is looking for something from us he can share with his superiors to get the cleanup initiated and answer any concerns from the surrounding residents.
> **Keith**, can you summarize this for us so he can have talking points. He needs to let the investigators on site (insurance and fire). I told him it would probably be ok for the time an investigation would occur, but to stay away from any smoke if they see it.
>
> **Joe**, FYI- if they are getting an insurance payout soon the DEQ may want to initiate contact with the owner if you guys are comfortable taking the lead now (Keith thinks air risks are low, I believe).
>
> Thanks all-

Archived: Wednesday, August 31, 2016 2:18:02 PM
From: Fusinski, Keith
Sent: Thursday, February 18, 2016 2:46:06 PM
To: Kimble, Jeffrey
Cc: Kozel, Lori; Mankowski, Matthew; Fischer, Timothy; jbrown@highlandparkcity.org
Subject: RE: Highland park fire
Importance: Normal

Jeff,

I talked to the concerned citizen and she seems ok. It would appear that her major concern (which was not discussed one our first call) is a lead abatement currently taking place at the senior citizen home she resides in.

Keith Fusinski, PhD, MT(ASCP)
Toxicologist
U.S. EPA Region 5
734-692-7681-office
734-692-7677-fax
734-740-9018-cell

"Keep in mind that the real world comes first, the math comes second."

From: Kimble, Jeffrey
Sent: Thursday, February 18, 2016 11:45 AM
To: Fusinski, Keith <fusinski.keith@epa.gov>
Cc: Kozel, Lori <Lori.Kozel@tetratech.com>; Mankowski, Matthew <mankowski.matthew@epa.gov>; Fischer, Timothy <Fischer.Timothy@epa.gov>; jbrown@highlandparkcity.org
Subject: Re: Highland park fire

I'm good with that

Sent from my iPhone

On Feb 18, 2016, at 11:41 AM, Fusinski, Keith <fusinski.keith@epa.gov> wrote:

> Jeff,
>
> The data collected on 2/17 at the property line of the Highland Park Fire shows no MRL exceedances of benzene or naphthalene. Benzene levels were in the acceptable risk range for long term residential exposure. Naphthalene was non-detect.
>
> I will contact the resident and discuss the data with her if that is ok with you?
>
> Mind you, since we were there after the fact, I have no idea what the levels during the active fire. But any exposure would have been brief since there was an evacuation. I would expect that

any effects during that time would be reversed by now….except we are dealing with the elderly population who may not “bounce back” like a young adult would.

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734-740-9018-cell

"Keep in mind that the real world comes first, the math comes second."

From: Kimble, Jeffrey
Sent: Wednesday, February 17, 2016 10:45 AM
To: Fusinski, Keith <fusinski.keith@epa.gov>
Cc: Kozel, Lori <Lori.Kozel@tetratech.com>; Mankowski, Matthew <mankowski.matthew@epa.gov>
Subject: RE: Highland park fire

I asked for a site ID but the system was down so we have not received it yet.

I’ll do a Polrep today

From: Fusinski, Keith
Sent: Wednesday, February 17, 2016 9:46 AM
To: Kimble, Jeffrey <kimble.jeffrey@epa.gov>
Cc: Kozel, Lori <Lori.Kozel@tetratech.com>; Mankowski, Matthew <mankowski.matthew@epa.gov>
Subject: RE: Highland park fire

I already asked Lori for a map with sampling locations. I can tell the resident that we are waiting for air data to come in from the lab and I will contact her once it is evaluated.

Two questions;
Is there a polrep for the site?

Is there an accounting code for this site yet?

Keith Fusinski, PhD, MT(ASCP)
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"Keep in mind that the real world comes first, the math comes second."

From: Kimble, Jeffrey
Sent: Wednesday, February 17, 2016 9:24 AM

To: Fusinski, Keith <fusinski.keith@epa.gov>
Cc: Kozel, Lori <Lori.Kozel@tetratech.com>; Mankowski, Matthew <mankowski.matthew@epa.gov>
Subject: RE: Highland park fire

I have START collecting perimeter samples. That air data was collected on site within the smoldering smoke plume and likely doesn't represent exposure. We won't have perimeter data however until tomorrow. I suggest you talk with Lori to get specifics on location of samples.

Also, we need to be cautious to be clear that we can only discuss current conditions, there is no data from during the fire when folks were evacuated. We were not notified or asked for help until days after the fire started and was mostly extinguished.

The samples being collected are 24-hour Summas at the site perimeter so we can gauge what is leaving site now, if anything.

Thanks for the help

From: Fusinski, Keith
Sent: Wednesday, February 17, 2016 9:19 AM
To: Kimble, Jeffrey <kimble.jeffrey@epa.gov>
Cc: Kozel, Lori <Lori.Kozel@tetratech.com>
Subject: Highland park fire

Jeff,

I am currently going over the Highland Park Fire air data and I noticed a problem

Benzene and Naphthalene concentrations are above the ATSDR MRLs. Benzene is at 25 and 28 ppbv and Naphthalene is at 9.9 and 4.7 ppbv.

ATSDR MRLs are;

Benzene	Inhalation	Acute	9 ppbv
		Intermediate	6 ppbv
		Chronic	3 ppbv
Naphthalene	Inhalation	Chronic	0.7 ppbv

As a reminder acute is 1 day to 2 weeks; Intermediate is 2 weeks to a year; chronic is greater than one year. As Lori has pointed out, the data is not through QA/QC yet. But I think we need to discuss next steps. The concerned resident wants me to call her back today.

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"Keep in mind that the real world comes first, the math comes second."

Archived: Wednesday, August 31, 2016 2:18:02 PM
From: Fusinski, Keith
Sent: Thursday, February 18, 2016 11:41:17 AM
To: Kimble, Jeffrey
Cc: Kozel, Lori; Mankowski, Matthew; Fischer, Timothy
Subject: RE: Highland park fire
Importance: Normal

Jeff,

The data collected on 2/17 at the property line of the Highland Park Fire shows no MRL exceedances of benzene or naphthalene. Benzene levels were in the acceptable risk range for long term residential exposure. Naphthalene was non-detect.

I will contact the resident and discuss the data with her if that is ok with you?

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Cc: Kozel, Lori <Lori.Kozel@tetratech.com>; Mankowski, Matthew <mankowski.matthew@epa.gov>
Subject: RE: Highland park fire

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Thanks for the help

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Naphthalene	Inhalation	Chronic	0.7 ppbv

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Archived: Wednesday, August 31, 2016 2:18:02 PM
From: Fusinski, Keith
Sent: Wednesday, February 17, 2016 9:46:25 AM
To: Kimble, Jeffrey
Cc: Kozel, Lori; Mankowski, Matthew
Subject: RE: Highland park fire
Importance: Normal

I already asked Lori for a map with sampling locations. I can tell the resident that we are waiting for air data to come in from the lab and I will contact her once it is evaluated.

Two questions;
Is there a polrep for the site?

Is there an accounting code for this site yet?

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From: Kimble, Jeffrey
Sent: Wednesday, February 17, 2016 9:24 AM
To: Fusinski, Keith <fusinski.keith@epa.gov>
Cc: Kozel, Lori <Lori.Kozel@tetratech.com>; Mankowski, Matthew <mankowski.matthew@epa.gov>
Subject: RE: Highland park fire

I have START collecting perimeter samples. That air data was collected on site within the smoldering smoke plume and likely doesn't represent exposure. We won't have perimeter data however until tomorrow. I suggest you talk with Lori to get specifics on location of samples.

Also, we need to be cautious to be clear that we can only discuss current conditions, there is no data from during the fire when folks were evacuated. We were not notified or asked for help until days after the fire started and was mostly extinguished.

The samples being collected are 24-hour Summas at the site perimeter so we can gauge what is leaving site now, if anything.

Thanks for the help

From: Fusinski, Keith
Sent: Wednesday, February 17, 2016 9:19 AM
To: Kimble, Jeffrey <kimble.jeffrey@epa.gov>

Cc: Kozel, Lori <Lori.Kozel@tetratech.com>
Subject: Highland park fire

Jeff,

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Archived: Wednesday, August 31, 2016 2:18:02 PM
From: Fusinski, Keith
Sent: Wednesday, February 17, 2016 9:18:35 AM
To: Kimble, Jeffrey
Cc: Kozel, Lori
Subject: Highland park fire
Importance: Normal

Jeff,

I am currently going over the Highland Park Fire air data and I noticed a problem

Benzene and Naphthalene concentrations are above the ATSDR MRLs. Benzene is at 25 and 28 ppbv and Naphthalene is at 9.9 and 4.7 ppbv.

ATSDR MRLs are;

Benzene	Inhalation	Acute	9 ppbv
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		Chronic	3 ppbv
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"Keep in mind that the real world comes first, the math comes second."

Archived: Wednesday, August 31, 2016 2:18:02 PM
From: Fusinski, Keith
Sent: Wednesday, February 17, 2016 7:47:58 AM
To: Kozel, Lori
Subject: RE: Analytical Report: 1602280,Highland Park
Importance: Normal

Lori,

Thanks. Understood.

One more question, would you happen to have a map of the site with the locations of sampling marked on it?

Keith Fusinski, PhD, MT(ASCP)
Toxicologist
U.S. EPA Region 5
734-692-7681-office
734-692-7677-fax
734-740-9018-cell

"Keep in mind that the real world comes first, the math comes second."

-----Original Message-----
From: Kozel, Lori [mailto:Lori.Kozel@tetratech.com]
Sent: Wednesday, February 17, 2016 7:42 AM
To: Fusinski, Keith <fusinski.keith@epa.gov>
Subject: RE: Analytical Report: 1602280,Highland Park

Yes both EDDS are attached. Remember that this data is final from the lab but we still need to perform data validation, once the Level 4 package is received.

Thank you
Lori

-----Original Message-----
From: Fusinski, Keith [mailto:fusinski.keith@epa.gov]
Sent: Wednesday, February 17, 2016 7:26 AM
To: Kozel, Lori <Lori.Kozel@tetratech.com>
Subject: RE: Analytical Report: 1602280,Highland Park

Lori,

Would you happen to have the lab data in a spreadsheet format? Just wondering.

Keith Fusinski, PhD, MT(ASCP)
Toxicologist
U.S. EPA Region 5
734-692-7681-office
734-692-7677-fax
734-740-9018-cell

"Keep in mind that the real world comes first, the math comes second."

-----Original Message-----
From: Kozel, Lori [mailto:Lori.Kozel@tetratech.com]
Sent: Tuesday, February 16, 2016 6:08 PM
To: Kimble, Jeffrey <kimble.jeffrey@epa.gov>
Cc: Fusinski, Keith <fusinski.keith@epa.gov>
Subject: FW: Analytical Report: 1602280,Highland Park

Final results from lab for soils. We will validate once the Level 4 data package is available.

-----Original Message-----
From: efiles1@rtilab.com [mailto:efiles1@rtilab.com]
Sent: Tuesday, February 16, 2016 5:20 PM
To: Schnoes, Kris Kruk <Kris.Schnoes@tetratech.com>; Kozel, Lori <Lori.Kozel@tetratech.com>
Subject: Analytical Report: 1602280,Highland Park

Attached are your level 2 results and your DoD EDD in electronic format. Your level 4 are being reviewed. A hard copy report will be forthcoming. A hard copy of the report can be obtained by contacting our office.

Please note that your report will be stored on-line (FLASHPOINT) for five (5) years and can be retrieved through our web site - www.rtilab.com.

Please feel free to contact me by email at cortiz@rtilab.com with any questions.

Sincerely,

Chino Ortiz
Project Manager
cortiz@rtilab.com
31628 Glendale St.
Livonia, MI 48150
RTI Laboratories
TEL: TEL: (734) 422-8000 (303)
FAX: FAX: (734) 422-5342
www.rtilab.com

Archived: Wednesday, August 31, 2016 2:18:02 PM
From: Fusinski, Keith
Sent: Wednesday, February 17, 2016 7:25:35 AM
To: Kozel, Lori
Subject: RE: Analytical Report: 1602280,Highland Park
Importance: Normal

Lori,

Would you happen to have the lab data in a spreadsheet format? Just wondering.

Keith Fusinski, PhD, MT(ASCP)
Toxicologist
U.S. EPA Region 5
734-692-7681-office
734-692-7677-fax
734-740-9018-cell

"Keep in mind that the real world comes first, the math comes second."

-----Original Message-----
From: Kozel, Lori [mailto:Lori.Kozel@tetratech.com]
Sent: Tuesday, February 16, 2016 6:08 PM
To: Kimble, Jeffrey <kimble.jeffrey@epa.gov>
Cc: Fusinski, Keith <fusinski.keith@epa.gov>
Subject: FW: Analytical Report: 1602280,Highland Park

Final results from lab for soils. We will validate once the Level 4 data package is available.

-----Original Message-----
From: efiles1@rtilab.com [mailto:efiles1@rtilab.com]
Sent: Tuesday, February 16, 2016 5:20 PM
To: Schnoes, Kris Kruk <Kris.Schnoes@tetratech.com>; Kozel, Lori <Lori.Kozel@tetratech.com>
Subject: Analytical Report: 1602280,Highland Park

Attached are your level 2 results and your DoD EDD in electronic format. Your level 4 are being reviewed. A hard copy report will be forthcoming. A hard copy of the report can be obtained by contacting our office.

Please note that your report will be stored on-line (FLASHPOINT) for five (5) years and can be retrieved through our web site - www.rtilab.com.

Please feel free to contact me by email at cortiz@rtilab.com with any questions.

Sincerely,

Chino Ortiz
Project Manager
cortiz@rtilab.com
31628 Glendale St.
Livonia, MI 48150
RTI Laboratories

TEL: TEL: (734) 422-8000 (303)
FAX: FAX: (734) 422-5342
www.rtilab.com

Archived: Wednesday, August 31, 2016 2:18:02 PM
From: Groetsch, Kory J. (DHHS)
Sent: Monday, February 15, 2016 5:17:50 PM
To: Kozel, Lori; Quiggle, Lisa (DHHS)
Cc: Kimble, Jeffrey; Gray, Jennifer (DHHS); jbrown@highlandparkcity.org; Thomas, Kelly
Subject: RE: Analytical Report: 1602279,Highland Park
Importance: Normal

Do you have all that you need from us for now?

I have not seen the analytical report, however, I trust Lisa.

Can we have a business day to review the numbers, the location of collection, and maximum duration of possible exposure? Then we could give you a characterization of reasonable worst case exposure and risk.

Kory Groetsch, MS , Manager
Toxicology and Response Section
Michigan Dept of Health and Human Services (MDHHS)
201 Townsend St.
Lansing, MI 48913
517-335-9935
groetschk@michigan.gov

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-----Original Message-----
From: Kozel, Lori [mailto:Lori.Kozel@tetratech.com]
Sent: Monday, February 15, 2016 3:47 PM
To: Quiggle, Lisa (DHHS) <QuiggleL@michigan.gov>
Cc: Kimble, Jeffrey <kimble.jeffrey@epa.gov>; Gray, Jennifer (DHHS) <GrayJ@michigan.gov>; jbrown@highlandparkcity.org; Thomas, Kelly <Kelly.Thomas@tetratech.com>; Groetsch, Kory J. (DHHS) <GroetschK@michigan.gov>
Subject: Re: Analytical Report: 1602279,Highland Park

We only collected the two samples, blanks were not collected.

Sent from my iPhone

> On Feb 15, 2016, at 3:40 PM, Quiggle, Lisa (DHHS) <QuiggleL@michigan.gov> wrote:
>
> Sorry, Jeff we weren't in on Friday and today is the holiday so we aren't in. The benzene numbers do not look good. I don't understand how there could be benzene from a smoldering fire. Was a blank taken? I agree with you I don't think we can say anything based on these numbers. I would like to see a blank sent with this type of summa sample because things such as the acetone could be a laboratory contaminant.

>
> Lisa
>
> _____
> From: Kimble, Jeffrey <kimble.jeffrey@epa.gov>
> Sent: Monday, February 15, 2016 1:04 PM
> To: Kozel, Lori
> Cc: Gray, Jennifer (DHHS); Quiggle, Lisa (DHHS);
> jbrown@highlandparkcity.org; Thomas, Kelly
> Subject: Re: Analytical Report: 1602279,Highland Park
>
> Hi Jen and Lisa, any first thoughts after looking at these numbers? The air grabs were taken on site right in the residual smoke plumes.
>
> The mayor is having a meeting tonight with seniors to discuss if the air is "safe". Not sure we can answer that yet.
>
> Let me know
>
> Sent from my iPhone
>
>> On Feb 12, 2016, at 10:39 AM, Kozel, Lori <Lori.Kozel@tetratech.com> wrote:
>>
>> Hello All -
>>
>> On behalf of OSC Jeff Kimble, I am forwarding you the data for two air samples (Summa Cans) collected on 2/10/16 at the Highland Park Warehouse Site. Both of these samples were collected directly in the area of smoldering debris.
>>
>> Please note: this data has been finalized by the lab but not yet validated by our chemist. We will share the validation reports as well when they are complete.
>>
>> If you have any questions, just let me know.
>>
>> Thank you,
>>
>> Lori Kozel | Project Manager
>> 25213 Dequindre Road Madison Heights, Michigan 48071
>> www.tetratech.com
>> Office: 248.721.8001 Ext 31
>> Cell: 586.524.0613
>> Tetra Tech | Complex World, Clear SolutionsT
>>
>> PLEASE NOTE: This message, including any attachments, may include privileged, confidential and/or inside information. Any distribution or use of this communication by anyone other than the intended recipient is strictly prohibited and may be unlawful. If you are not the intended recipient, please notify the sender by replying to this message and then delete it from your system.
>>
>>
>> <Rpt_1602279_Final_v1.pdf>

Archived: Wednesday, August 31, 2016 2:18:02 PM
From: Kimble, Jeffrey
Sent: Wednesday, February 24, 2016 8:35:30 AM
To: jbrown@highlandparkcity.org; Kozel, Lori
Subject: Fwd: Analysis of Highland Park Fire
Importance: Normal

Sent from my iPhone

Begin forwarded message:

> **From:** "Fusinski, Keith" <fusinski.keith@epa.gov>
> **Date:** February 24, 2016 at 7:58:21 AM EST
> **To:** "Kimble, Jeffrey" <kimble.jeffrey@epa.gov>
> **Subject: Analysis of Highland Park Fire**
>
> Jeff,
>
> The air data collected on 2/10 at the property line of the Highland Park Fire shows that all chemical concentrations are below residential removal management levels (RMLs)and therefore within US EPA acceptable risk range for long term (30 year) exposure for surrounding residents.
>
> The soil data collected on 2/10 on the site are below commercial/industrial RMLs and therefore considered protective for long term exposure to workers on the site.
>
> Mind you, since the data was collected after the actual event, I have no idea what the levels were during the active fire and therefore cannot calculate risk at that time.
>
> I hope this helps you move forward.
>
> Keith Fusinski, PhD, MT(ASCP)
> Toxicologist
> U.S. EPA Region V
> 734-692-7681-office
> 734-692-7677-fax
> 734-740-9018-cell

From: Kimble, Jeffrey
Sent: Tuesday, February 23, 2016 10:24 AM
To: Kozel, Lori
Cc: Thomas, Kelly; Fusinski, Keith; DeGrazia, Joseph (DEQ)
Subject: Highland Park Warehouse Fire

Lori,

Can you make sure that Keith Fusinski in my office has all of the sampling data from the warehouse fire?

He has already talked to one resident about air issues.

Also, Jerome Brown is looking for something from us he can share with his superiors to get the cleanup initiated and answer any concerns from the surrounding residents.

Keith, can you summarize this for us so he can have talking points. He needs to let the investigators on site (insurance and fire). I told him it would probably be ok for the time an investigation would occur, but to stay away from any smoke if they see it.

Joe, FYI- if they are getting an insurance payout soon the DEQ may want to initiate contact with the owner if you guys are comfortable taking the lead now (Keith thinks air risks are low, I believe).

Thanks all-

Archived: Wednesday, August 31, 2016 2:18:02 PM
From: Kimble, Jeffrey
Sent: Tuesday, February 23, 2016 10:47:33 AM
To: DeGrazia, Joseph (DEQ)
Cc: Kozel, Lori
Subject: RE: Highland Park Warehouse Fire
Importance: Normal

Yea, it should be getting posted to the website I created.

Lori- Make sure Joe has rights to the website.

Also, the owner wants to start scraping the metal. Apparently, he owns a scrap yard also, AND there are at least 16 transformers there. FYI

From: DeGrazia, Joseph (DEQ) [mailto:DEGRAZIAJ@michigan.gov]
Sent: Tuesday, February 23, 2016 10:29 AM
To: Kimble, Jeffrey <kimble.jeffrey@epa.gov>
Subject: Re: Highland Park Warehouse Fire

Hey Jeff,
Any way j can get a copy of the data you collected?
Thanks,
Joe

Sent from my iPhone

On Feb 23, 2016, at 10:24 AM, Kimble, Jeffrey <kimble.jeffrey@epa.gov> wrote:

> **Lori,**
>
> Can you make sure that Keith Fusinski in my office has all of the sampling data from the warehouse fire?
>
> He has already talked to one resident about air issues.
>
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> **Keith**, can you summarize this for us so he can have talking points. He needs to let the investigators on site (insurance and fire). I told him it would probably be ok for the time an investigation would occur, but to stay away from any smoke if they see it.
>
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>
> Thanks all-

Archived: Wednesday, August 31, 2016 2:18:02 PM
From: Kimble, Jeffrey
Sent: Tuesday, February 23, 2016 10:24:27 AM
To: Kozel, Lori
Cc: Thomas, Kelly; Fusinski, Keith; DeGrazia, Joseph (DEQ)
Subject: Highland Park Warehouse Fire
Importance: Normal

Lori,

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He has already talked to one resident about air issues.

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Joe, FYI- if they are getting an insurance payout soon the DEQ may want to initiate contact with the owner if you guys are comfortable taking the lead now (Keith thinks air risks are low, I believe).

Thanks all-

Archived: Wednesday, August 31, 2016 2:18:02 PM
From: Kimble, Jeffrey
Sent: Thursday, February 18, 2016 11:45:15 AM
To: Fusinski, Keith
Cc: Kozel, Lori; Mankowski, Matthew; Fischer, Timothy; jbrown@highlandparkcity.org
Subject: Re: Highland park fire
Importance: Normal

I'm good with that

Sent from my iPhone

On Feb 18, 2016, at 11:41 AM, Fusinski, Keith <fusinski.keith@epa.gov> wrote:

> Jeff,
>
> The data collected on 2/17 at the property line of the Highland Park Fire shows no MRL exceedances of benzene or naphthalene. Benzene levels were in the acceptable risk range for long term residential exposure. Naphthalene was non-detect.
>
> I will contact the resident and discuss the data with her if that is ok with you?
>
> Mind you, since we were there after the fact, I have no idea what the levels during the active fire. But any exposure would have been brief since there was an evacuation. I would expect that any effects during that time would be reversed by now….except we are dealing with the elderly population who may not "bounce back" like a young adult would.
>
> Keith Fusinski, PhD, MT(ASCP)
> Toxicologist
> U.S. EPA Region 5
> 734-692-7681-office
> 734-692-7677-fax
> 734-740-9018-cell
>
> "Keep in mind that the real world comes first, the math comes second."
>
> ---
>
> **From:** Kimble, Jeffrey
> **Sent:** Wednesday, February 17, 2016 10:45 AM
> **To:** Fusinski, Keith <fusinski.keith@epa.gov>
> **Cc:** Kozel, Lori <Lori.Kozel@tetratech.com>; Mankowski, Matthew <mankowski.matthew@epa.gov>
> **Subject:** RE: Highland park fire
>
> I asked for a site ID but the system was down so we have not received it yet.
>
> I'll do a Polrep today
>
> ---

From: Fusinski, Keith
Sent: Wednesday, February 17, 2016 9:46 AM
To: Kimble, Jeffrey <kimble.jeffrey@epa.gov>
Cc: Kozel, Lori <Lori.Kozel@tetratech.com>; Mankowski, Matthew <mankowski.matthew@epa.gov>
Subject: RE: Highland park fire

I already asked Lori for a map with sampling locations. I can tell the resident that we are waiting for air data to come in from the lab and I will contact her once it is evaluated.

Two questions;
Is there a polrep for the site?

Is there an accounting code for this site yet?

Keith Fusinski, PhD, MT(ASCP)
Toxicologist
U.S. EPA Region 5
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734-692-7677-fax
734-740-9018-cell

"Keep in mind that the real world comes first, the math comes second."

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Sent: Wednesday, February 17, 2016 9:24 AM
To: Fusinski, Keith <fusinski.keith@epa.gov>
Cc: Kozel, Lori <Lori.Kozel@tetratech.com>; Mankowski, Matthew <mankowski.matthew@epa.gov>
Subject: RE: Highland park fire

I have START collecting perimeter samples. That air data was collected on site within the smoldering smoke plume and likely doesn't represent exposure. We won't have perimeter data however until tomorrow. I suggest you talk with Lori to get specifics on location of samples.

Also, we need to be cautious to be clear that we can only discuss current conditions, there is no data from during the fire when folks were evacuated. We were not notified or asked for help until days after the fire started and was mostly extinguished.

The samples being collected are 24-hour Summas at the site perimeter so we can gauge what is leaving site now, if anything.

Thanks for the help

From: Fusinski, Keith
Sent: Wednesday, February 17, 2016 9:19 AM
To: Kimble, Jeffrey <kimble.jeffrey@epa.gov>
Cc: Kozel, Lori <Lori.Kozel@tetratech.com>
Subject: Highland park fire

Jeff,

I am currently going over the Highland Park Fire air data and I noticed a problem

Benzene and Naphthalene concentrations are above the ATSDR MRLs. Benzene is at 25 and 28 ppbv and Naphthalene is at 9.9 and 4.7 ppbv.

ATSDR MRLs are;

Benzene	Inhalation	Acute	9 ppbv
		Intermediate	6 ppbv
		Chronic	3 ppbv
Naphthalene	Inhalation	Chronic	0.7 ppbv

As a reminder acute is 1 day to 2 weeks; Intermediate is 2 weeks to a year; chronic is greater than one year. As Lori has pointed out, the data is not through QA/QC yet. But I think we need to discuss next steps. The concerned resident wants me to call her back today.

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734-740-9018-cell

"Keep in mind that the real world comes first, the math comes second."

Archived: Wednesday, August 31, 2016 2:18:02 PM
From: Kimble, Jeffrey
Sent: Wednesday, February 17, 2016 10:45:07 AM
To: Fusinski, Keith
Cc: Kozel, Lori; Mankowski, Matthew
Subject: RE: Highland park fire
Importance: Normal

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I'll do a Polrep today

From: Fusinski, Keith
Sent: Wednesday, February 17, 2016 9:46 AM
To: Kimble, Jeffrey <kimble.jeffrey@epa.gov>
Cc: Kozel, Lori <Lori.Kozel@tetratech.com>; Mankowski, Matthew <mankowski.matthew@epa.gov>
Subject: RE: Highland park fire

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734-740-9018-cell

"Keep in mind that the real world comes first, the math comes second."

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Sent: Wednesday, February 17, 2016 9:24 AM
To: Fusinski, Keith <fusinski.keith@epa.gov>
Cc: Kozel, Lori <Lori.Kozel@tetratech.com>; Mankowski, Matthew <mankowski.matthew@epa.gov>
Subject: RE: Highland park fire

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"Keep in mind that the real world comes first, the math comes second."

Archived: Wednesday, August 31, 2016 2:18:02 PM
From: Kimble, Jeffrey
Sent: Wednesday, February 17, 2016 9:23:58 AM
To: Fusinski, Keith
Cc: Kozel, Lori; Mankowski, Matthew
Subject: RE: Highland park fire
Importance: Normal

I have START collecting perimeter samples. That air data was collected on site within the smoldering smoke plume and likely doesn't represent exposure. We won't have perimeter data however until tomorrow. I suggest you talk with Lori to get specifics on location of samples.

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From: Fusinski, Keith
Sent: Wednesday, February 17, 2016 9:19 AM
To: Kimble, Jeffrey <kimble.jeffrey@epa.gov>
Cc: Kozel, Lori <Lori.Kozel@tetratech.com>
Subject: Highland park fire

Jeff,

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Archived: Wednesday, August 31, 2016 2:18:02 PM
From: Kimble, Jeffrey
Sent: Tuesday, February 16, 2016 3:50:44 PM
To: Kozel, Lori
Cc: Fusinski, Keith
Subject: FW: Analytical Report: 1602280,Highland Park
Importance: Normal
Attachments:
Rpt_1602280_Prelim_Final_v1.pdf ATT00001.htm

Lori – did we get the metals and herbicides data yet?

From: Kozel, Lori [mailto:Lori.Kozel@tetratech.com]
Sent: Friday, February 12, 2016 8:34 PM
To: Kimble, Jeffrey <kimble.jeffrey@epa.gov>
Subject: Fwd: Analytical Report: 1602280,Highland Park

Sent from my iPhone

Begin forwarded message:

> **From:** <efiles1@rtilab.com>
> **Date:** February 12, 2016 at 5:36:09 PM EST
> **To:** <Kris.Schnoes@tetratech.com>, <Lori.Kozel@tetratech.com>
> **Subject: Analytical Report: 1602280,Highland Park**
>
> Attached are your prelim data results in electronic format. These results are prelim due to the Herb and letals are not complete A hard copy report will not be forthcoming. A hard copy of the report can be obtained by contacting our office.
>
> I should have the metals data report on Monday.
>
> Please note that your report will. be stored on-line (FLASHPOINT) for five (5) years and can be retrieved through our web site - www.rtilab.com.
>
> Please feel free to contact me by email at cortiz@rtilab.com with any questions.
>
> Sincerely,
>
> Chino Ortiz
> Project Manager
> cortiz@rtilab.com
> 31628 Glendale St.
> Livonia, MI 48150

RTI Laboratories
TEL: TEL: (734) 422-8000 ()
FAX: FAX: (734) 422-5342
www.rtilab.com

Archived: Wednesday, August 31, 2016 2:18:03 PM
From: Kimble, Jeffrey
Sent: Monday, February 15, 2016 1:04:08 PM
To: Kozel, Lori
Cc: Gray, Jennifer (DCH); quigglel@michigan.gov; jbrown@highlandparkcity.org; Thomas, Kelly
Subject: Re: Analytical Report: 1602279,Highland Park
Importance: Normal

Hi Jen and Lisa, any first thoughts after looking at these numbers? The air grabs were taken on site right in the residual smoke plumes.

The mayor is having a meeting tonight with seniors to discuss if the air is "safe". Not sure we can answer that yet.

Let me know

Sent from my iPhone

> On Feb 12, 2016, at 10:39 AM, Kozel, Lori <Lori.Kozel@tetratech.com> wrote:
>
> Hello All -
>
> On behalf of OSC Jeff Kimble, I am forwarding you the data for two air samples (Summa Cans) collected on 2/10/16 at the Highland Park Warehouse Site. Both of these samples were collected directly in the area of smoldering debris.
>
> Please note: this data has been finalized by the lab but not yet validated by our chemist. We will share the validation reports as well when they are complete.
>
> If you have any questions, just let me know.
>
> Thank you,
>
> Lori Kozel | Project Manager
> 25213 Dequindre Road Madison Heights, Michigan 48071
> www.tetratech.com
> Office: 248.721.8001 Ext 31
> Cell: 586.524.0613
> Tetra Tech | Complex World, Clear SolutionsT
>
> PLEASE NOTE: This message, including any attachments, may include privileged, confidential and/or inside information. Any distribution or use of this communication by anyone other than the intended recipient is strictly prohibited and may be unlawful. If you are not the intended recipient, please notify the sender by replying to this message and then delete it from your system.
>
>
> <Rpt_1602279_Final_v1.pdf>

Archived: Wednesday, August 31, 2016 2:18:03 PM
From: Quiggle, Lisa (DHHS)
Sent: Monday, February 15, 2016 3:40:41 PM
To: Kimble, Jeffrey; Kozel, Lori
Cc: Gray, Jennifer (DHHS); jbrown@highlandparkcity.org; Thomas, Kelly; Groetsch, Kory J. (DHHS)
Subject: Re: Analytical Report: 1602279,Highland Park
Importance: Normal

Sorry, Jeff we weren't in on Friday and today is the holiday so we aren't in. The benzene numbers do not look good. I don't understand how there could be benzene from a smoldering fire. Was a blank taken? I agree with you I don't think we can say anything based on these numbers. I would like to see a blank sent with this type of summa sample because things such as the acetone could be a laboratory contaminant.

Lisa

_____
From: Kimble, Jeffrey <kimble.jeffrey@epa.gov>
Sent: Monday, February 15, 2016 1:04 PM
To: Kozel, Lori
Cc: Gray, Jennifer (DHHS); Quiggle, Lisa (DHHS); jbrown@highlandparkcity.org; Thomas, Kelly
Subject: Re: Analytical Report: 1602279,Highland Park

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> Tetra Tech | Complex World, Clear SolutionsT
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>
>
> <Rpt_1602279_Final_v1.pdf>