From:	Smith, Judy
To:	julie.sullivan-springhetti@multco.us
Subject:	FW: FYI - EPA proposed Message Map for tonight. This Harriett Tubman EPA sampling
Date:	Thursday, February 18, 2016 12:27:00 PM
Attachments:	MM EPATubman (draft from DEQ).docx image001.png image002.png image003.png image004.png image005.png image006.png image007.png image008.png image009.png image010.png image011.png image012.png
Importance:	High

Hi Julie – Here are my somewhat information dense bullets on the Harriett Tubman and Marcia's message map that I corrected and ran up the chain for an accuracy check. I hope this helps fill the info gap. Judy

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From: Smith, Judy
Sent: Thursday, February 18, 2016 11:30 AM
To: Narvaez, Madonna <Narvaez.Madonna@epa.gov>; Koprowski, Paul <Koprowski.Paul@epa.gov>; Holsman, Marianne <holsman.marianne@epa.gov>
Subject: FYI - EPA proposed Message Map for tonight. This Harriett Tubman EPA sampling
Importance: High

This just popped into my inbox as I was preparing to send our bullet statements out. I made the suggestions and corrections in red, but wanted to check it out with you to see if you thought it told the complete story. Marcia Danab was preparing it for use by Sara Armitage tonight. – Judy

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From: Narvaez, Madonna
Sent: Thursday, February 18, 2016 10:26 AM
To: Smith, Judy <Smith.Judy@epa.gov>; Holsman, Marianne <Holsman.Marianne@epa.gov>
Cc: Koprowski, Paul <Koprowski.Paul@epa.gov>
Subject: RE: Harriett Tubman EPA sampling
Importance: High

From: Smith, Judy
Sent: Thursday, February 18, 2016 9:38 AM
To: Holsman, Marianne <Holsman.Marianne@epa.gov>; Narvaez, Madonna <Narvaez.Madonna@epa.gov>
Cc: Koprowski, Paul <Koprowski.Paul@epa.gov>
Subject: RE: Harriett Tubman EPA sampling
Importance: High

Hi Madonna – I took a stab at condensing the one-pager into more concise bullets for the public affairs folks. They would like to have this information by early afternoon to prepare for the meeting tonight. I think we would send along your one-pager with these bullets in case they needed additional information. Can you take a quick look and see if I captured the essence? I also highlighted questions at the bottom. Thanks, Judy

- Harriett Tubman School was selected to be part of a national initiative by Administrator Lisa Jackson to assess outdoor air toxics near schools. Schools were sampled in 22 states and 2 tribal areas.
    - This school was selected for monitoring in consultation with ODEQ because it was near an urban industrial area as well as interstate and state highways. The EPA's 2002 NATA analysis indicated potential concern about elevated levels of manganese and nickel from nearby industrial sources and acetaldehyde, acrolein, benzene, and 1, 3-butadiene from mobile sources.
    - More information at: http://www3.epa.gov/air/sat/HarrietTub.html

- Monitoring started at this school on August 23, 2009 and ended on November 3, 2009.
    - During this period, 13 PM_{10} metal samples, 13 carbonyl samples, and 12 VOC samples of airborne particles were collected and analyzed for the key pollutants and other air toxics at this school.
    - The samples were analyzed for manganese, nickel, acetaldehyde, benzene, and 1, 3- butadiene (the key pollutants at this school) and for a standardized set of additional PM_{10} metals, carbonyls, and VOCs that are routinely included in the analytical methods for the key pollutants.

- The intent of the dataset developed from this 2-3 month monitoring initiative was to help identify priorities for longer-term monitoring projects to improve air quality.

- Summary of Key Findings
    - Measured levels of manganese and nickel were well below levels of concern for long term exposures.
    - Measured levels of benzene, 1, 3-butadiene, and acetaldehyde levels were lower than expected from modeling information available prior to monitoring.

- Next Steps for Key Pollutants
    - EPA recommended additional monitoring for cadmium to better understand the elevated levels observed in this study, identify the source(s) and further characterize any potential exposure to the community.
    - ODEQ was expected to continue to oversee industrial facilities in the area through air permits and other programs. ODEQ has developed state-specific ambient benchmark concentrations, which are used with either monitoring or modeling studies, for these key pollutants. They may be found at http://www.deq.state.or.us/aq/toxics/benchmark.htm. The ODEQ will also continue to implement reductions in mobile sources through implementation of national programs and its own programs.

- In 2011, additional monitoring was conducted by DEQ with equipment and support from EPA to help locate the source of cadmium. EPA wrote the final report. This monitoring does not indicate long term concern for cadmium at the school. Based on

recent events, R10 or ODEQ is considering monitoring at location closer to source.

- Monitoring:
  - PM10 - May 28, 2011 through July 18, 201 (47 samples)
  - Evaluation of wind roses – plotted highest days for initial and additional monitoring
- Long term non-cancer comparison level for cadmium is 10 ng/m3
- Long term cancer comparison level for cadmium is 56 ng/m3
- 95% Confidence level for first SAT sampling 12.7 ng/m3 (13 samples Aug-Nov 2009)
- 95% CI for additional SAT sampling 1.8 ng/m3 (47 samples)
- Combined data 95% CI is 3.98 ng/m3
- Comparison with Portland NATTS (National Air Toxics Trends Sites) – cadmium levels appear to track each other

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From: Holsman, Marianne
Sent: Thursday, February 18, 2016 8:53 AM
To: Smith, Judy <Smith.Judy@epa.gov>; Narvaez, Madonna <Narvaez.Madonna@epa.gov>
Cc: Koprowski, Paul <Koprowski.Paul@epa.gov>
Subject: RE: Harriett Tubman EPA sampling

See if this works…

Marianne

Follow us!

From: Smith, Judy
Sent: Thursday, February 18, 2016 8:51 AM
To: Holsman, Marianne <Holsman.Marianne@epa.gov>; Narvaez, Madonna <Narvaez.Madonna@epa.gov>
Cc: Koprowski, Paul <Koprowski.Paul@epa.gov>
Subject: FW: Harriett Tubman EPA sampling

Instead of the technical report, for the meeting tonight, the JIC/PIO group requested just short bullet statements/talking points from for our Harriett Tubman work that answer these questions:

Why did we sample at Harriett Tubman?
When did we sample?

What did we find?
When and why did we stop?

Can someone do these off the top of their head or should I draft some from summary information on the website?

Thanks, Judy

From: Narvaez, Madonna
Sent: Wednesday, February 17, 2016 4:40 PM
To: Smith, Judy <Smith.Judy@epa.gov>; **Cc:** Modie Jonathan N <jonathan.n.modie@state.or.us>; FLYNT Jennifer <FLYNT.Jennifer@deq.state.or.us>; Holsman, Marianne <Holsman.Marianne@epa.gov>; Kaetzel, Rhonda <Kaetzel.Rhonda@epa.gov>; Holsman, Marianne <Holsman.Marianne@epa.gov>
Subject: RE: Harriett Tubman EPA sampling

The link doesn't get you to the reports. I have attached them.

From: Smith, Judy
Sent: Wednesday, February 17, 2016 4:10 PM
To: julie.sullivan-springhetti@multco.us
Cc: Modie Jonathan N <jonathan.n.modie@state.or.us>; FLYNT Jennifer <FLYNT.Jennifer@deq.state.or.us>; Holsman, Marianne <Holsman.Marianne@epa.gov>; Narvaez, Madonna <Narvaez.Madonna@epa.gov>; Kaetzel, Rhonda <Kaetzel.Rhonda@epa.gov>; Holsman, Marianne <Holsman.Marianne@epa.gov>
Subject: Harriett Tubman EPA sampling

Hi Julie –

Here is a link to information and results of the EPA sampling conducted a few years ago at Harriett Tubman. I think it should provide what you are looking for:
http://www3.epa.gov/air/sat/HarrietTub.html

Please let me know if you have any questions.

Nice to hear your voice again!

Judy
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Judy Smith, EPA
Public Affairs Specialist
503-326-6994 desk
503-545-2540 cell
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You
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