**FCS Responds to Environmental Study**

**August 7, 2018**

From the beginning, FCS understood that our expertise is educating and growing children. FCS immediately hired an independent consultant to guide the district through this intricate process. The district is encouraged by the sampling results and will continue to follow the recommendations from EnviroForensics.

It is understood that this is an extremely emotional conversation, however, it is one that we believe still needs to occur with not only emotion but by also using systemic scientific process. FCS is anchored by Guiding Principles. We believe that a systemic continuous process for evaluating data and making decisions based on the required planning and studying of this issue leads us to the best answer for all our students, faculty, staff, and community.

Another Guiding Principle is trust. This core principle requires that FCS be transparent and bring forth the best available resources. The district has a member of the FCS team that has an abundance of knowledge in this domain. EnviroForensics has been an exceptional partner in this journey of gathering information, data and developing a systematic plan to ensure safety for our students and staff. FCS will continue to follow the lead of this outside expert.

While the testing has been concluded for FCS, any further information from the experts will be reviewed and responded to by the FCS leadership. We are looking forward to tomorrow as it begins another great year for FCS!

**August 6, 2018**

Franklin Community Schools conferenced with EnviroForensics to discuss the results from the sub-slab sampling at Needham and Webb elementary.

On Tuesday, July 31, EnviroForensics placed 17 sub-slab sample ports in the floors at Needham and Webb elementary. Samples from the ports were collected the following day. Out of the 17 samples collected, all came back either non-detect or below the residential sub-slab vapor screening level. EnviroForensics sampled for the same volatile organic compounds (VOCs) as in previous tests.

“We remain committed to the safety of our students and staff and we continue to rely on guidance from EnviroForensics, IDEM, and the Indiana State Department of Health,” Dr. David Clendening, Superintendent said. “Based on the findings we look forward to the start of school on August 8th.”

The table from the sub-slab sampling is attached below.

[Sub-Slab Sample Results](#)
July 31, 2018

Franklin Community Schools met with EnviroForensics to discuss the results from recent sampling at Needham and Webb elementary in response to the report published by the Edison Wetlands Association.

Last week, EnviroForensics placed six ambient air samples on top of and around Needham and Webb elementary. They also placed a weather station on the roof at Needham to verify the wind direction was right for the samples to detect the volatile organic compounds (VOCs) that were identified at a nearby source. Each of those samples came back as non-detect.

EnviroForensics also collected six soil gas samples near the two schools. The analytical results from the soil gas samples contained trace levels of VOCs, although they were all significantly below the health protective levels as established by the Indiana Department of Environmental Management (IDEM). PCE results range from 5.77 μg/m³ to 67.3 μg/m³, which are all substantially below the IDEM residential shallow soil gas screening level of 420 μg/m³. One of the six samples detected TCE at a concentration of 1.67 μg/m³, which is also well below the screening level of 21 μg/m³.

These results were shared with IDEM during a conference call. In accordance with IDEM guidelines, these results do not require additional samples, however, out of an abundance of caution we are taking the next step in the IDEM screening process and conducting sub-slab sampling in both schools. Sampling began today.

“From the beginning of this process, we committed to the safety of students and staff relying on EnviroForensics and IDEM to guide us,” Dr. David Clendening, Superintendent said. “Based on the initial findings and barring unexpected results from the sub-slab sampling, we are excited that the Needham and Webb families, in addition to all FCS families, will be returning to their schools on August 8th.”

Figures and tables from the ambient air and soil gas sampling are posted below. The figures and tables from the sub-slab sampling will be made available at the Community Forum on Friday, August 3, and on the FCS website.

**Ambient Air Results**

**Ambient Air Map**

**Soil Gas Sample Results**

**Soil Gas Sample Map**

July 25, 2018

After EnviroForensics reported on Monday that some public records were not immediately available to support their review, they recommended sampling at Needham and Webb
elementary. The wind direction forecast for Tuesday and Wednesday was favorable for the air sampling and became an ideal time for the sampling to occur.

“From the time we received the reports and moved to sampling, we followed a systematic approach that will give us the best information to move forward. We are committed to seeing this process through to ensure student and staff safety,” Jeff Sewell, Director of Operations said. “We would like to thank EnviroForensics for providing a quick response to our request for expert assistance.”

“We appreciate Edison Wetlands Association and If It Was Your Child reaching out to us,” Dr. Clendening, Superintendent said. “We received correspondence from them Tuesday but had already mobilized the sampling team from EnviroForensics. We understand that we are both working toward a common goal of keeping our students and staff safe. We welcome future partnerships with all interested parties.”

Franklin Community Schools will continue to share information with the community and will have preliminary results by next week.

July 21, 2018

FCS would like to bring the community up-to-date regarding the steps we are taking to follow up on the recent report published by the Edison Wetlands Association. Any issue that affects children in our community is of interest to Franklin Community Schools. We are committed to the safety of our students and staff at Needham and Webb Elementary. We are a close-knit community and we understand the emotion connected to this issue.

On Thursday, Jeff Sewell, Director of Operations attended a meeting with the City of Franklin and a number of agencies including the Indiana Department of Environmental Management (IDEM), the United States Environmental Protection Agency (US EPA), and the Indiana State Department of Health.

Our understanding is that there have been ongoing clean up and monitoring efforts in place at the former Amphenol site, and the US EPA has asked Amphenol to prepare a work plan describing how they will evaluate the current conditions at the site. While we are encouraged by these actions, we are contracting with an independent consultant, EnviroForensics, to evaluate existing environmental studies and advise us on more immediate steps. We are working diligently to complete this evaluation before the start of school.

“Clearly, our focus and expertise are growing and educating children,” Dr. David Clendening, Superintendent said. “We are working with industry experts to help us take appropriate steps to ensure we are providing a safe learning environment for our students.”

FCS will update the school community next Thursday. In the event new information becomes available, we will share at that time.

July 18, 2018
Dear FCS Families,

As we prepare for the start of the 2018-2019 school year, I wanted to reach out to let you know how we are handling the recent news of air quality concerns near two of our schools.

Earlier this week results of an environmental study were shared. Needham and Webb Elementary are near the areas of concern. I want to reassure you that our school board, faculty, and staff want to make sure our buildings are ready and safe for the start of our school year. I know our parents and community members share that same desire.

FCS is committed to taking care of our students. Needham and Webb will receive special attention in the coming days to ensure a safe learning environment.

We have retained the services of a company that specializes in environmental investigations including air studies. We are also in communication with IDEM (Indiana Department of Environmental Management) and the city of Franklin regarding their response to the study.

I have placed Jeff Sewell, Director of Operations, as the lead person for FCS on this matter. Jeff’s previous professional work was with IDEM. He has outstanding working knowledge of the tests and an ability to interpret the reports. I am confident under his guidance we are in a very good place to quickly obtain answers and prepare for the start of another school year.

When information is available pertaining to these two schools, I will make sure our school community gets it as soon as possible. Our goal is to ease any concerns about attending these two outstanding schools. If you have any questions regarding this matter, please email fcscommunications@franklinschools.org or call 317.346.8700.

Thank you for taking the time to read this letter, and for allowing us to teach the students in this community. Franklin is a special place to call home and to go to school. I am confident that this concern will only further draw us close and supportive of all in our community.

Sincerely,

[Signature]

Dr. David Clendening
Superintendent
### TABLE 3
**SUMMARY OF SUB-SLAB VAPOR SAMPLE ANALYTICAL RESULTS**
Franklin Community Schools
Franklin, Indiana

<table>
<thead>
<tr>
<th>Sample Address</th>
<th>Sample Identification</th>
<th>Sample Location</th>
<th>Applicable Criteria</th>
<th>Date Sampled</th>
<th>VOCs (μg/m³)</th>
<th>Trichloroethene</th>
<th>Vinyl Chloride</th>
<th>1,1-Dichloroethene</th>
<th>1,2-Dichloroethene</th>
<th>cis-1,2-Dichloroethene</th>
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Notes:
Samples analyzed for volatile organic compounds (VOCs) using the United States Environmental Protection Agency (U.S. EPA) Method TO-15
μg/m³ = micrograms per cubic meter
Constituents not shown are below laboratory reporting limits
Sub-Slab vapor screening levels derived by dividing the 2018 Indoor Air Screening Levels in the Indiana Department of Environmental Management (IDEM) Remediation Closure Guide (RCG) by an attenuation factor of 0.03 as established by U.S. EPA and approved by IDEM on October 20, 2015
SS = Sub-Slab
NL = Not Listed in Table A-6 of the IDEM RCG
**Bolded** values are above laboratory detection limits.
### TABLE 1
SUMMARY OF AMBIENT AIR ANALYTICAL RESULTS
Franklin Community Schools
Franklin, Indiana

<table>
<thead>
<tr>
<th>Sample Address</th>
<th>Sample Identification</th>
<th>Date Sampled</th>
<th>Tetrachloroethene</th>
<th>Trichloroethene</th>
<th>cis-1,2-Dichloroethene</th>
<th>trans-1,2-Dichloroethene</th>
<th>Vinyl Chloride</th>
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<td>1400 Webb Court</td>
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<td>7/24/2018</td>
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<td>E 100 N</td>
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<td>7/24/2018</td>
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<td>7/24/2018</td>
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</table>

**Notes:**
Samples analyzed for volatile organic compounds (VOCs) using the United States Environmental Protection Agency (U.S. EPA) Method
μg/m³ = micrograms per cubic meter
Constituents not shown are below laboratory reporting limits
OA = Outdoor Air
**Bolded** values are above laboratory detection limits
Franklin Community Schools

1339 Upper Shelbyville Road and 1400 Webb Court
Franklin, Indiana

Legend

- Property boundary
- Outdoor air sample (RT = Roof Top)

Notes:
1. Results reported in micrograms per meter cubed = μg/m³
2. Samples analyzed for volatile organic compounds (VOCs) using the United States (U.S.) Environmental Protection Agency (EPA) Method TO-15
3. ND = Not detected
4. Aerial photographs taken 2016, Indiana State Plane (NAD 83 East)
5. Wind rose depicts direction from which the wind is blowing

Franklin Community Schools Wind Rose Diagram

Personal Weather Station, Roof of Needham Elementary School (RT)

Approximate Scale: 1" = 300'

Ambient Air Analytical Results Map

Franklin Community Schools
1339 Upper Shelbyville Road and 1400 Webb Court
Franklin, Indiana

Date: 7/24/18
Designed: EB
Drawn: EB
Checked: GR

Relate Forensics
525 North Capitol Avenue
Indianapolis, IN 46204

VOCs: ND
OA-1: 7/24/18
OA-RT-1: 7/24/18
OA-2: 7/24/18
OA-RT-2: 7/24/18
OA-3: 7/24/18
OA-4: 7/24/18

1. Results reported in micrograms per meter cubed = μg/m³
2. Samples analyzed for volatile organic compounds (VOCs) using the United States (U.S.) Environmental Protection Agency (EPA) Method TO-15
3. ND = Not detected
4. Aerial photographs taken 2016, Indiana State Plane (NAD 83 East)
5. Wind rose depicts direction from which the wind is blowing

Legend

- Property boundary
- Outdoor air sample (RT = Roof Top)

Notes:
TABLE 2  
SUMMARY OF SOIL GAS SAMPLE ANALYTICAL RESULTS  
Franklin Community Schools  
Franklin, Indiana

<table>
<thead>
<tr>
<th>Sample Location</th>
<th>Sample Depth (ft bgs)</th>
<th>Applicable Criteria</th>
<th>Sample Date</th>
<th>Tetrachloroethene (µg/m³)</th>
<th>Trichloroethene (µg/m³)</th>
<th>cis-1,2-Dichloroethene (µg/m³)</th>
<th>trans-1,2-Dichloroethene (µg/m³)</th>
<th>Vinyl Chloride (µg/m³)</th>
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</table>

Notes:  
Samples analyzed for volatile organic compounds (VOCs) using the United States (U.S.) Environmental Protection Agency (EPA) Method TO-15  
µg/m³ = micrograms per cubic meter  
Soil Gas Screening Levels calculated using applicable 2018 Indoor Air Screening Levels (IASLs) from Table A-6 of the Indiana Department of Environmental Management (IDEM) Remediation Closure Guide (RCG) divided by an attenuation factor of 0.1 for shallow points  
**Bolded** values exceed laboratory detection limits  
Constituents not shown are below laboratory detection limits.  
ft bgs = feet below ground surface  
NL = Not Listed in Table A-6 of the IDEM RCG
SOIL GAS ANALYTICAL RESULTS MAP

Franklin Community Schools
1339 Upper Shelbyville Road and 1400 Webb Court
Franklin, Indiana

Legend

Property boundary
Soil Gas sample

Analyses
Residential
Soil Gas
Screening
Level
Shallow

PCE
428
TCE
21

Notes:
1. Bold concentrations exceed laboratory reporting limits
2. Results reported in micrograms per meter cubed = µg/m³
3. Soil Gas Screening Levels calculated using applicable 2018 Indoor Air Screening Levels (IASLs) from Table A-6 of the Indiana Department of Environmental Management (IDEM) Remediation Closure Guide (RCG) divided by an attenuation factor of 0.1 for shallow points
4. Samples analyzed for volatile organic compounds (VOCs) using the United States (U.S.) Environmental Protection Agency (EPA) Method TO-15
5. PCE = Tetrachloroethene
6. TCE = Trichloroethene
7. Aerial photographs taken 2016, Indiana State Plane (NAD 83 East)

Analytes
Residential
Soil Gas
Screening
Level
Shallow

PCE
420
TCE
21

Notes:
1. Bold concentrations exceed laboratory reporting limits
2. Results reported in micrograms per meter cubed = µg/m³
3. Soil Gas Screening Levels calculated using applicable 2018 Indoor Air Screening Levels (IASLs) from Table A-6 of the Indiana Department of Environmental Management (IDEM) Remediation Closure Guide (RCG) divided by an attenuation factor of 0.1 for shallow points
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