



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 6

1445 ROSS AVENUE, SUITE 1200

DALLAS, TX 75202-2733

May 20, 2016

Mr. W.K. Breazeale, President
Rapides Parish School Board
Post Office Box 1230
Pineville, LA 71309

Dear Mr. Breazeale:

Thank you for your continued support for the U. S. Environmental Protection Agency's (EPA) initiative to address areas of concern voiced by citizens in Alexandria and Pineville. The EPA completed surface soil sampling the week of February 1, 2016 at J.S. Slocum School in Pineville and sampling results are attached.

The analysis of creosote constituents show that concentrations of benzo(a)pyrene (BAP) are above Louisiana's residential screening standards for soil at the J.S. Slocum School. The area is identified as DU-24 on the attached map. We also found elevated totals of polycyclic aromatic hydrocarbons (PAHs) in DU-18, please see attached map. While levels of both BAP and PAHs exceed the residential screening standard for soil, they are below the levels that generally result in soil cleanup. Additional testing is warranted. As a precaution, children playing in those areas should wash their hands after returning inside the school and the current grass cover should be maintained.

The sampling analysis also detected pentachlorophenol, but all samples were below Louisiana's residential screening value. The concentrations of pentachlorophenol in the soil samples ranged from 0.145 to 0.243 parts per million (ppm) and the residential screening standard is 2.8 ppm.

For the area with BAP above the residential screening standard, the EPA will return in the summer to collect additional samples. We will also discuss implementation of best management practices (BMPs) for the current operator to begin implementing protection of offsite areas, such as dust suppression. Since pentachlorophenol was present in the surface soils, the EPA will collect additional soil samples for the analysis of polychlorinated dibenzodioxin (PCDD or dioxin) to gather additional information for you.

The EPA is working with the Community Sustainability Network (CSN), which is made up of Alexandria and Pineville community members interested in getting sustainable solutions in place to address environmental issues in the community. We invite you to visit the web site: <https://www.epa.gov/smartgrowth/making-visible-difference-communities-louisiana> to learn more about the EPA initiative.

The EPA is also compiling a comprehensive report to present to the CSN in late 2016 or early 2017. The report will detail the results of air, soil, and groundwater data, collected as part of EPA and LDEQ's oversight of hazardous waste facilities.

Please feel free to contact me at (214) 665-8385 if you, other school board members or staff have questions, or would like to request a conference call. The full analytical report can be sent to you if that would be helpful.

We look forward to hearing from you and assisting with any potential concerns.



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Sincerely,

A handwritten signature in blue ink that reads "Nancy Fagan".

Nancy Fagan
US EPA Region 6 Dallas, Texas

Attachments

cc: Gary Fulton, LDEQ
Heather Gawne, Stella-Jones Corporation
Danny Vines, Kisatchie Treating, LLC
Hollis Ervin, Kisatchie Treating, LLC
Ray Brown, RoyOMartin/Colfax Treating, LLP
Natalie Monroe, RoyOMartin/Colfax Treating, LLP
James Downs, Rapides Parish School District
Roy Rachal, Rapides Parish School District
Honorable Jacques M. Roy, City of Alexandria
Charles Johnson, City of Alexandria
Honorable Clarence Fields, City of Pineville
Marion (Junior) Simpson, Environmental Compliance Officer for Pineville



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Attachment A - Data Summary Table for J.S. Slocum School:

(Values in **BOLD** indicate a concentration above the RECAP residential screening standard)

EPA Laboratory Results					EPA Field-test Results ¹
Sample Location	Benzo (a) pyrene – (known carcinogen in creosote) parts per million (ppm)	Benzo (a) pyrene – LDEQ RECAP Residential Screening value for comparison (ppm)	Pentachlorophenol (known carcinogen in creosote) (ppm)	Penta-chlorophenol LDEQ RECAP Residential Screening value for comparison (ppm)	Total (target) polycyclic aromatic hydrocarbons (PAHs) (ppm)
JSS-DU-18/ (Duplicate numbered JSS-DU-19)	0.138	0.33	0.243	2.8	8.4 ²
JSS-DU-20	0.090	0.33	0.173	2.8	2.9
JSS-DU-21	0.217	0.33	0.215	2.8	2.3
JSS-DU-22	NS ³		NS ³	2.8	NS ³
JSS-DU-23	0.043	0.33	U ⁴	2.8	0.7
JSS-DU-24/ (Duplicate numbered JSS-DU-30)	0.699	0.33	U	2.8	0.6
JSS-DU-25	0.090	0.33	0.145	2.8	1.2

¹ Samples were field-tested for total (target PAHS) and tested in the EPA laboratory for specific individual PAHs. (Field-test results are qualitative, and only an estimate of the total target creosote constituents.)

² DU-18 field-test results show elevated concentrations of total target PAHs, and is therefore a potential area of concern.

³ NS – Not Sampled. This Decision Unit had a high amount of gravel and was not sampled.

⁴ The “U” qualifier means the compound was analyzed for, but not detected.



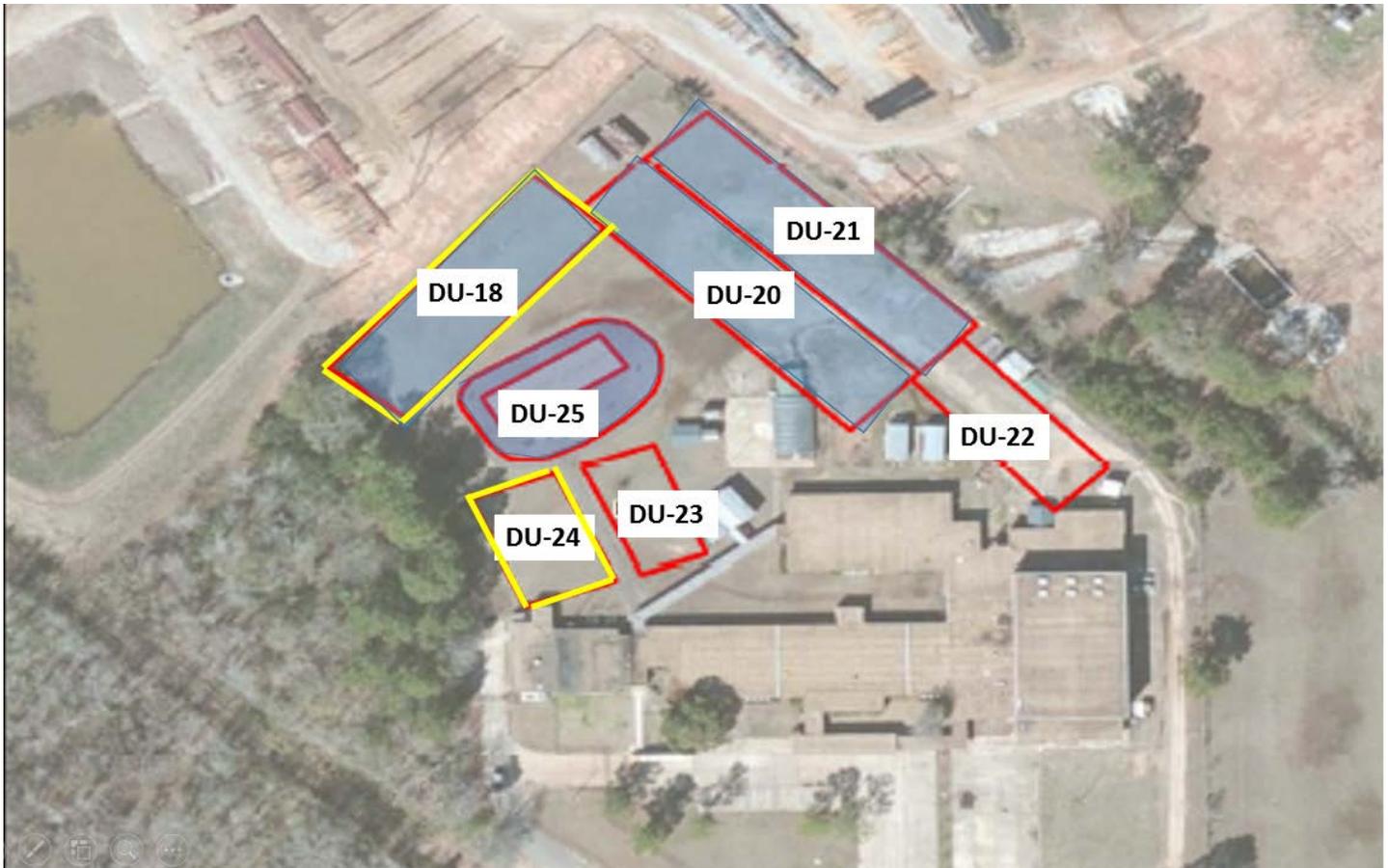
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Attachment B - Map with J.S. Slocum Sampling Locations (Decision Units)



-  Decision Units are denoted with “DU” prefix and represents the area where EPA conducted incremental sampling.
 -  Decision Units highlighted in yellow indicate areas of potential concern with elevated levels of BAP (DU-24) and total PAHs (DU-18).
 -  Decision Unit in blue indicated areas of potential concern with levels of pentachlorophenol (below the RECAP residential screening standard).
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May 20, 2016

The Honorable Clarence Fields
Mayor of Pineville
Post Office Box 3820
Pineville, LA 71361-3820

Dear Mayor Fields:

Thank you for your continued support for the U. S. Environmental Protection Agency's (EPA) initiative to address areas of concern voiced by citizens in Alexandria and Pineville. The EPA completed surface soil sampling the week of February 1, 2016, at Pineville Soccer Park in Pineville and sampling results and locations are attached.

Based on the results, EPA has determined that no further evaluation is needed at Pineville Soccer Park.

The surface soil samples collected at Pineville Soccer Park were analyzed for creosote constituents. Samples were analyzed in the field for total creosote constituents, with twenty percent confirmation samples sent to the EPA laboratory in Houston, Texas. The analysis of creosote constituents show that concentrations of benzo(a)pyrene (BAP) are below Louisiana's residential screening standards for soil. Sampling results are summarized on the attachment to this letter.

The EPA is working with the Community Sustainability Network (CSN), which is made up of Alexandria and Pineville community members interested in getting sustainable solutions in place to address environmental issues in the community. We invite you to visit the web site: <https://www.epa.gov/smartgrowth/making-visible-difference-communities-louisiana> to learn more about the EPA initiative.

The EPA is also compiling a comprehensive report to present to the CSN in late 2016 or early 2017. The report will detail the results of air, soil, and groundwater data, collected as part of EPA and LDEQ's oversight of hazardous waste facilities.

We are including a copy of the letter we sent to the Rapides Parish School Board President with the results of the sampling data from the JS Slocum School in Pineville. After your review, please feel free to contact me at (214) 665-8385 if you or your staff have any questions or would like to request a conference call. The full analytical report can be sent to you if that would be helpful.

We look forward to hearing from you and assisting with any potential concerns.

Sincerely,

A handwritten signature in blue ink that reads "Nancy Fagan".

Nancy Fagan,
US EPA Region 6 Dallas, Texas



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Attachments

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Heather Gawne, Stella-Jones Corporation
Danny Vines, Kisatchie Treating, LLC
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Attachment A: Data Summary Table for Pineville Soccer Park

EPA Lab Results Sample Location	EPA Lab Results Benzo (a) pyrene – (known carcinogen in creosote) measured in parts per million (ppm)	EPA Lab Results Benzo(a)pyrene LDEQ RECAP Residential Screening value for comparison (ppm)	EPA Field-test Results ¹ Sample Location	EPA Field-test Results ¹ Total (target) polycyclic aromatic hydrocarbons (PAHs) (ppm)
-	-	-	PSP-DU-07	0.2
-	-	-	PSP-DU-08	0.3
-	-	-	PSP-DU-09	0.4
-	-	-	PSP-DU-10	0.3
-	-	-	PSP-DU-11	0.3
-	-	-	PSP-DU-12	0.4
PSP-DU-13	0.0156U ²	0.33	-	0.2
-	-	-	PSP-DU-14	0.2
-	-	-	PSP-DU-15	0.2
PSP-DU-16	0.0148U	0.33	-	0.2

¹ Samples were field-tested for total (target PAHS) and tested in the EPA laboratory for specific individual PAHs. (Field-test results are qualitative, and only an estimate of the total target creosote constituents.)

² The “U” qualifier means the compound was analyzed for, but not detected.



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Attachment B: Map with Sampling locations (Decision Units) at Pineville Soccer Park



LEGEND

 DECISION UNIT BOUNDARY



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US EPA REGION 6

ATTACHMENT G
PINEVILLE SOCCER FIELD
COLFAX CRESSOTING
74 WADLEY
PINEVILLE, RAPIDES PARISH, LOUISIANA



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May 20, 2016

The Honorable Jacques M. Roy
Mayor of Alexandria
Post Office Box 71
Alexandria, LA 71309

Dear Mayor Roy:

Thank you for your continued support for the U. S. Environmental Protection Agency's (EPA) initiative to address areas of concern voiced by citizens in Alexandria and Pineville. The EPA completed surface soil and sediment sampling the week of February 1, 2016, at Hunter Park in Alexandria and sample results are attached.

The analysis of the metals indicated that there are no concerns with metal concentrations at Hunter Park. The analysis of creosote constituents show that concentrations of benzo(a)pyrene (BAP) are above Louisiana's residential screening standards for soil in one of the sampling areas identified as DU-02 on the attached map, as well as five of the sediment samples from Chatlin Lake Canal.

The surface soil samples collected at Hunter Park were analyzed for creosote constituents and metals. Samples were analyzed in the field for total (target) creosote constituents, and also sent to the EPA laboratory in Houston, Texas, for confirmation of the field-test results (Attachment A). All sediment samples from Chatlin Lake Canal were sent to the EPA lab, and twenty percent of samples collected from each Decision Unit were confirmed in the lab. The metals analysis was performed to see if metals migrated down the Chatlin Lake Canal to the Hunter Park area from the former foundry operations facility near Bogan Street, or from the Oilfield Scrap site at 704 Willow Glen Road.

Additionally, Colfax Treating has a remediation plan that describes excavation of a limited volume of sediment from Chatlin Lake Canal. The agencies will work with the Colfax representatives to address potential remediation for the sediment along the canal.

The EPA is working with the Community Sustainability Network (CSN), which is made up of Alexandria and Pineville community members interested in getting sustainable solutions in place to address environmental issues in the community. We invite you to visit the web site: <https://www.epa.gov/smartgrowth/making-visible-difference-communities-louisiana> to learn more about the EPA initiative.

The EPA is also compiling a comprehensive report to present to the CSN in late 2016 or early 2017. The report will detail the results of air, soil, and groundwater data, collected as part of EPA and LDEQ's oversight of hazardous waste facilities.

After your review, please feel free to contact me at (214) 665-8385 if you or your staff have any questions or would like to request a conference call. The full analytical report can be sent to you if that would be helpful.

We look forward to hearing from you and assisting with any potential concerns.



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Nancy Fagan,
US EPA Region 6 Dallas, Texas

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Attachment A: Data Summary Table for Hunter Park

(Values in **BOLD** indicate a concentration above the RECAP residential screening standard)

EPA Laboratory Results			EPA Field-test Results 1	
Sample Location	Benzo(a)pyrene (known carcinogen in creosote) Measured in parts per million (ppm)	Benzo(a)pyrene LDEQ RECAP Residential Screening value for comparison (ppm)	Sample Location	Total (target) polycyclic aromatic hydrocarbons (PAHs) (ppm)
Sediment Samples from the Chatlin Lake Canal at Hunter Park: All canal sediment samples were field-tested for total (target PAHS) and tested in the EPA laboratory for specific individual PAHs.				
SED-DD-01	0.384	0.33	SED-DD-01	1.84
SED-DD-02	4.860	0.33	SED-DD-02	4.90
SED-DD-03	3.540	0.33	SED-DD-03	2.55
SED-DD-04	8.370	0.33	SED-DD-04	1.63
SED-DD-05	0.960	0.33	SED-DD-05	2.49
SED-DD-06	0.201	0.33	SED-DD-06	1.54
Decision Units at Hunter Park (composite samples): 20% of samples were confirmed by EPA laboratory				
-	-	-	HP-DU-01	0.50
HP-DU-02	0.444	0.33	HP-DU-02	1.31
			HP-DU-03	NA ²
HP-DU-04	0.0156U ³	0.33	HP-DU-04	0.30
-	-	-	HP-DU-05	0.30
HP-DU-06	0.024	0.33	HP-DU-06	0.41

¹ Samples were field-tested for total (target PAHS) and tested in the EPA laboratory for specific individual PAHs. (Field-test results are qualitative, and only an estimate of the total target creosote constituents.)

² NA means that the sample was not analyzed

³ The “U” qualifier means the compound was analyzed, but not detected.



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Attachment B: Map with Sampling Locations at Hunter Park



- ★ Sediment samples are denoted with “SED-DD” prefix and represent discrete sampling locations.
- Decision Unit denoted with “DU” prefix and represents the area where EPA conducted incremental sampling.

Note: Areas of the park with new fill material from construction were not sampled.
