



Con 12-15  
Doc #39867

Culp, Matt <matt.culp@dnr.iowa.gov>

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**FW: Dubuque Bee Branch Contaminated Soils**

1 message

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**Emily Smart** <esmart@blackstone-env.com>  
To: "Culp, Matt" <matt.culp@dnr.iowa.gov>

Thu, Jul 28, 2022 at 11:47 AM

Matt, can you take a look at this report for me and advise, or has this been assigned to somebody else? I hope you never retire, what will I do?!?! 😊

**Emily Smart, CGP, PG** | Senior Project Manager

319.331.1577

Iowa City, IA

**Blackstone Environmental, Inc.**



**From:** Emily Smart  
**Sent:** Wednesday, July 27, 2022 11:34 AM  
**To:** Cook, Dan <dan.cook@dnr.iowa.gov>  
**Subject:** RE: Dubuque Bee Branch Contaminated Soils

Hello Dan,

I've just found this email in my drafts – apparently, I never sent it. My apologies.

We did sample that stockpile and the report is attached for your review.

Thank you,

Emily

**Emily Smart, CGP, PG | Senior Project Manager**

**319.331.1577**

Iowa City, IA

**Blackstone Environmental, Inc.**



**From:** Cook, Dan <dan.cook@dnr.iowa.gov>  
**Sent:** Tuesday, April 12, 2022 11:27 AM  
**To:** Emily Smart <esmart@blackstone-env.com>  
**Cc:** Krista Brodersen <kbrodersen@blackstone-env.com>  
**Subject:** Re: Dubuque Bee Branch Contaminated Soils

Thanks for the update.

On Mon, Apr 11, 2022, 11:17 AM Emily Smart <esmart@blackstone-env.com> wrote:

Hi Dan,

Now that the thaw has arrived, we will see to this sampling. It is planned for Wednesday April 20<sup>th</sup> at 9:30 AM.

Thanks much,

-Emily

**Emily Smart, CGP, PG | Senior Project Manager**

**319.331.1577**

Iowa City, IA

**Blackstone Environmental, Inc.**



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**From:** Cook, Dan <dan.cook@dnr.iowa.gov>  
**Sent:** Monday, August 23, 2021 11:20 AM  
**To:** Krista Brodersen <kbrodersen@blackstone-env.com>  
**Cc:** Emily Smart <esmart@blackstone-env.com>  
**Subject:** Re: Dubuque Bee Branch Contaminated Soils

Thanks for the update, I wanted to be on site during the testing but it won't fit into my schedule.

Dan

**DANIEL COOK | CPM**  
**Environmental Specialist Senior**  
Solid Waste & Contaminated Sites Section

**Iowa Department of Natural Resources**  
**C: 515-537-4025**  
502 E. 9th Street, Des Moines, IA 50319

[www.iowadnr.gov](http://www.iowadnr.gov)

On Fri, Aug 20, 2021 at 12:06 PM Krista Brodersen <[kbrodersen@blackstone-env.com](mailto:kbrodersen@blackstone-env.com)> wrote:

Good Afternoon Mr. Cook,

The sampling for the Bee Branch Creek Restoration stockpile sampling is planned for next Tuesday, August 24, 2021. Please feel free to join us if you would like to observe the sampling.

Thank you,

**Krista Brodersen** | Senior Project Manager

**Blackstone Environmental, Inc.**

514 17<sup>th</sup> Street, # 206 | Moline, Illinois 61265

c. 309.798.3487

[Email](#) | [Website](#) | [LinkedIn](#) | [Facebook](#)



**From:** Cook, Dan <[dan.cook@dnr.iowa.gov](mailto:dan.cook@dnr.iowa.gov)>

**Sent:** Thursday, September 3, 2020 9:43 AM

**To:** Krista Brodersen <[kbrodersen@blackstone-env.com](mailto:kbrodersen@blackstone-env.com)>

**Subject:** Re: Dubuque Bee Branch Contaminated Soils

Hi Krista

I have reviewed the revised Upper Bee Branch Creek Restoration Stockpile Sampling Plan dated August 26, 2020 and approve the plan as written. Please let me know when the field work is scheduled so I may have the opportunity to be on site.

If you have any questions please ask,

Dan

**Daniel Cook** | Environmental Specialist Senior

Iowa Department of Natural Resources  
Contaminated Sites Section

P 515-725-8371 | F 515-725-8202 | 502 E. 9th St., Des Moines, IA 50319

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On Wed, Aug 26, 2020 at 12:14 PM Krista Brodersen <[kbrodersen@blackstone-env.com](mailto:kbrodersen@blackstone-env.com)> wrote:

Dear Dan,

Please see the attached Stockpile Sampling Plan for your review that has been revised to address the comments below.

Thank you,

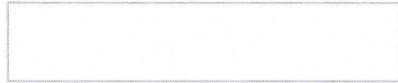
**Krista Brodersen** | Senior Project Manager

**Blackstone Environmental, Inc.**

514 17<sup>th</sup> Street, Box 206 | Moline, Illinois 61265

c. 309.798.3487

Email | Website | LinkedIn | Facebook



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**From:** Cook, Dan <dan.cook@dnr.iowa.gov>  
**Sent:** Friday, July 31, 2020 11:54 AM  
**To:** Krista Brodersen <kbrodersen@blackstone-env.com>  
**Subject:** Re: Dubuque Bee Branch Contaminated Soils

Hi Krista

The Upper Bee Branch Creek restoration project stockpile sampling plan is unacceptable as written. The main issues are:

- One sample per 100 cubic yards isn't representative enough of a pile of soil with known environmental issues,
- Lead is not the only contaminant of concern,
- The November 2019 sampling event had PAH detections on the sample locations Pile 3 and Pile 4 that may exceed soil standards.

One of the concerns with the three above issues is the November 2019 samples were collected as an aliquot of ten soil samples causing a X10 dilution issue.

For instance, the benzo(a)pyrene at Pile 4 was detected at 0.317mg/kg, if all the benzo(a)pyrene came from just one of the sample points it could be as high as 3.17mg/kg exceeding the standard of 2.3mg/kg. Therefore, the heavy metals are a concern for all the soil and PAHs for Pile 3 and Pile 4. The proper number of samples is always a tough call to make but one sample for a volume approximate to 6 dump truck loads is on the light side.

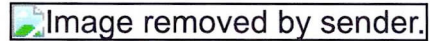
More detail is needed for who (what organization, not the names of staff) will be collecting the samples, sample collection procedures, and what lab will the samples be submitted to.

A final report would need to be submitted within 30 days of receiving the sample results from the lab. The report would briefly describe the field work activities, any issues encountered, and sample results with a copy of the lab data.

Please let me know if you would like to have a conference call to go over your plans.

Dan

**Daniel Cook** | Environmental Specialist Senior



Iowa Department of Natural Resources  
Contaminated Sites Section

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On Tue, Jul 21, 2020 at 10:11 AM Krista Brodersen <[kbroderson@blackstone-env.com](mailto:kbroderson@blackstone-env.com)> wrote:

Mr. Cook,

Blackstone Environmental is working with the City of Dubuque on the Bee Branch project where they have a stockpile of soil that has elevated concentrations of lead. The City of Dubuque contacted Joe Sanfilippo and Emily and I spoke with you about the project in in November of last year. In our call last year, Blackstone proposed collecting discrete samples from the stockpile and analyzing for lead. You had requested a plan for the sampling. Attached is that plan for your review and approval. If you have questions or need further information, please let me know.

Thank you,

**Krista Brodersen** | Senior Project Manager

**Blackstone Environmental, Inc.**

514 17<sup>th</sup> Street, Box 206 | Moline, Illinois 61265

c. 309.798.3487


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8/1/22, 10:56 AM

State of Iowa Mail - FW: Dubuque Bee Branch Contaminated Soils



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 **Bee Brach Railroad Crossing Stockpile Sampling Report.pdf**  
5233K