

## Johnson, Sabrina O

---

**From:** Kirchein, Adam  
**Sent:** Monday, July 22, 2019 10:21 AM  
**To:** SWD\_Waste  
**Subject:** FW: American Steel Soil Sampling  
**Attachments:** American Steel.pdf

WACS ID: 106062



**Adam Kirchein**  
Florida Department of Environmental Protection  
Southwest District  
Environmental Specialist  
Adam.Kirchein@FloridaDEP.gov  
Office: 813-470-5949

---

**From:** Kirchein, Adam  
**Sent:** Friday, July 19, 2019 11:41 AM  
**To:** robertdemet@aol.com  
**Cc:** Tafuni, Steven <Steven.Tafuni@FloridaDEP.gov>; Morgan, Steve <Steve.Morgan@FloridaDEP.gov>; Dilmore, Cory <Cory.Dilmore@FloridaDEP.gov>  
**Subject:** American Steel Soil Sampling

Mr. Middleton,

I hope all is well with you today. I was asked to reach out to you in regards to your inquiry for guidance with the soil sample evaluation requirement of the Temporary Approval of Advanced Metals Recovery for American Steel.

Please see the attached PDF for the Departments proposed sampling locations at the property. On the map you will find five red X's, which includes the field to the north of the working area, areas near both storm water ponds, and areas to the East and West of the working area, where the Department recommends soil samples be taken.

In terms of what to sample for, the Department is asking that you sample for the eight RCRA metals using Synthetic Precipitation Leaching Procedure (SPLP) , which are listed below.

- Arsenic (As)
- Barium (Ba)
- Cadmium (Cd)
- Chromium (Cr)
- Lead (Pb)
- Mercury (Hg)
- Selenium (Se)
- Silver (Ag)

The Department asks that you run SPLP for the metals above, for samples taken at depths between 0-6 inches, and 6 inches to 2 feet.

Please be advised that the proposed locations of samples are only guidance from Department staff and should not be taken as a requirement. You are more than welcome to hire an outside consultant to assist you in regards to this matter.

If you have any questions or concerns please feel free to reach out to Department staff at any time.

Thanks,



**Adam Kirchein**

Florida Department of Environmental Protection

Southwest District

Environmental Specialist

[Adam.Kirchein@FloridaDEP.gov](mailto:Adam.Kirchein@FloridaDEP.gov)

Office: 813-470-5949