



**1515 DesPeres Rd. Ste. 300  
St. Louis, MO 63131**

Mr. Bill Fitzpatrick, PE, PG  
WDNR - Bureau of Remediation and Redevelopment  
101 S. Webster St.  
P.O. Box 7921  
Madison, WI 53707-7921

April 3, 2019

**Re: BRRTS No. 02-54-577951  
Rock River sediment removal  
Former GM Assembly Plant – Janesville (Rock)**

Dear Bill,

Per our telephone discussion, we are proposing to store dewatered sediments within the carriage water treatment area as remediation waste until sufficiently dried for movement by truck to the designated on-site beneficial fill areas (see attached drawing). The sediment will be dewatered on a gravel bed and then placed in concrete bins to dry to soil. Characterization samples will be collected from every 500 cys. The analytical results will be used to determine proper management of the dried sediments. It is likely that some of the material will meet requirements for unrestricted use due to the granular nature of river sediments. It is also possible that some of the finer material captured in the geotextile tubes could require off-site disposal. We anticipate that most material can be re-used as beneficial fill on-site. Once the first 2,000 cys have been processed and characterized, a 718 application will be submitted to Paul Grittner for designating dried sediment as fill soil for beneficial re-use on-site.

Our preference is to complete the Rock River sediment removal project before relocating the soil material (i.e. dried sediment). We have sufficient storage capacity in the treatment area for the full recovered and dried volume anticipated. Stormwater and erosion protective measures will be implemented. The project sediment volume estimates range from less than 10,000 cubic yards (based on most recent bathymetric survey) up to 16,000 cys (previous estimates by GM consultants). The revised project schedule and drawings showing storage and possible fill areas are attached. The demolition and removal of scrap materials is an ongoing process that could affect safe access to certain areas within the plant proper. We anticipate all materials will be placed in designated location(s) as fill this construction season.

We trust this submittal provides the necessary information to meet any DNR concerns. Please contact the undersign at [ddunn@enviroanalyticsgroup.com](mailto:ddunn@enviroanalyticsgroup.com) or (314)835-2814 if you have any questions or require additional clarification of these clarifications to the remedial plan.

Best Regards,



Daniel M. Dunn, PE  
VP – Director of Remediation

Attachments:

- Schedule (revised)
- Figure 3 – Site Layout (with treatment area storage locations)
- Site Beneficial Fill Locations

cc:

- Mike Roberts, Jaines, LLC
- Mick Warner, JDC

### **Project Schedule (revised)**

4/22/19 – 5/3/19: Mobilization: Flush pipes, clear valves, set-up pumps and lines, set silt curtain, stage geotextile bags, other misc. minor activities

5/5/19 – 5/11/19: Launch dredge and conduct test run: dredge, gps system, and treatment system.

5/13/19: full-scale dredging to begin. Weekly production could range from 1,000 – 2,500+ cys.

5/16/19 – Initial characterization sampling (first 500 + cys).

6/10/19: Compile existing characterization data and submit 718 beneficial fill re-use application

6/29/19: dredging and confirmation documentation complete. Approval of 718 application.

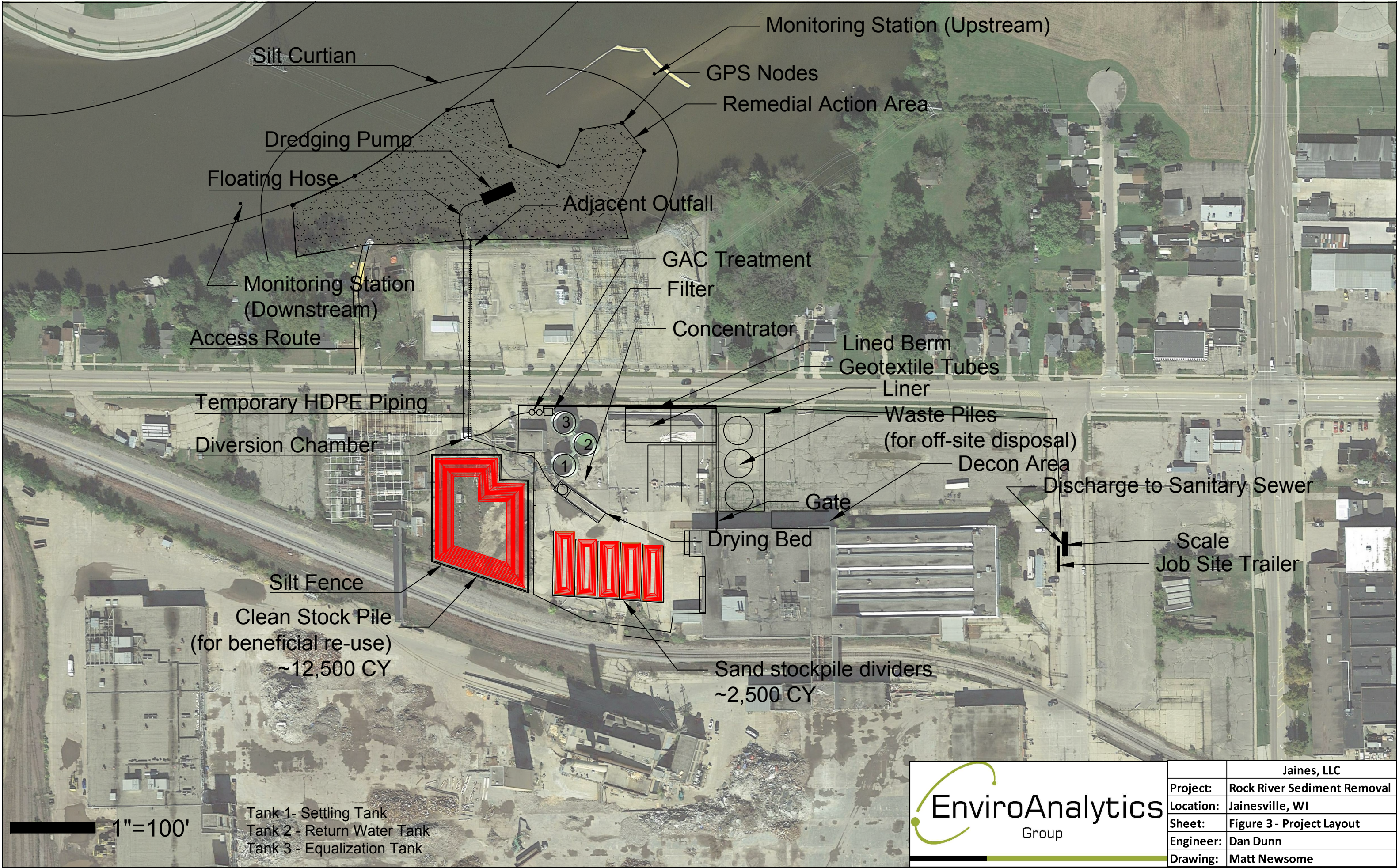
7/1/19 – 7/26/19: place sand, dried sediments moved to on-site beneficial re-use areas and/or off-site disposal.

7/15/19: Demobilize dredge

7/26/19: JDC demobilized and site restoration complete

8/30/19: Completion report submitted to WDNR.

11/1/19: Final closure/NFA from DNR.



1"=100'




Tank 1- Settling Tank  
 Tank 2 - Return Water Tank  
 Tank 3 - Equalization Tank

EnviroAnalytics  
Group

	Jaines, LLC
Project:	Rock River Sediment Removal
Location:	Jainesville, WI
Sheet:	Figure 3 - Project Layout
Engineer:	Dan Dunn
Drawing:	Matt Newsome

# Site Beneficial Fill Locations

## Legend

-  Haul Away Yard
-  Stockpiles For Beneficial Reuse
-  Rail Bays

