

BARCLAY DAMON^{LLP}

Danielle E. Mettler-LaFeir
Counsel

November 1, 2019

VIA OVERNIGHT DELIVERY & EMAIL

Colleen Kimble
New York State Department
of Environmental Conservation
Energy Unit Leader
625 Broadway
Albany, NY 12233-1500
email: (colleen.kimble@dec.ny.gov)

Re: CWWS Pilot Study Progress Report
DEC Permit No. 8-5736-00004/00001-0
SPDES No. NY0001325

Dear Ms. Kimble:

Enclosed please find the above referenced Progress Report on the first 6 months of the Cylindrical Wedgewire Screen ("CWWS") Pilot Study being conducted at the Greenidge Generating Station in accordance with SPDES permit Biological Monitoring Requirement 4, and the CWWS Pilot Study Plan approved by the Department April 18, 2018.

Please let us know if you have any questions or would like to discuss this submittal further.

Very truly yours,



Danielle E. Mettler-LaFeir

Enclosure

cc: (via email only)
P. Maier (NYSDEC)
D. Irwin (Greenidge Generation)
J. Young (ASA)

2000 Five Star Bank Plaza – 100 Chestnut Street – Rochester, New York 14604 barclaydamon.com
dmettler@barclaydamon.com Direct: 585.295.4358 Fax: 585.295.8470



921 Pike Street
 P.O. Box 303
 Lemont, PA 16851
 (814) 278-0482
 asaac.com

October 31, 2019

GREENIDGE CYLINDRICAL WEDGEWIRE SCREEN PILOT STUDY
 6-MONTH PROGRESS REPORT

Sampling collection activities for the Greenidge Cylindrical Wedgewire Screen (CWWS) Pilot Study have been completed in accordance with the Department approved CWWS Pilot Study plan, dated March 2018. Sampling began in April (2 events) and was completed in October (2 events). Sampling occurred weekly in the months of May-August.

Event	Date	Comment	Event	Date	Comment
1	4/8	All samples collected.	13	7/22	All samples collected.
2	4/22	All samples collected.	14	7/30	All samples collected.
3	5/6	All samples collected.	15	8/5	All samples collected.
4	5/13	All samples collected.	16	8/12	All samples collected.
5	5/20	All samples collected.	17	8/19	All samples collected.
6	5/28	All samples collected.	18	8/26	All samples collected.
7	6/3	All samples collected.	19	9/3	All samples collected.
	6/10	Not Sampled. VSP installation in progress.	20	9/10	All samples collected.
8	6/17	All samples collected.	21	9/17	All samples collected.
9	6/24	All samples collected.	22	9/24	All samples collected. DEC visit during sampling
10	7/1	All samples collected.	23	10/1	All samples collected.
11	7/8	All samples collected.	24	10/14	All samples collected.
12	7/16	All samples collected.			

Sampling was completed on 24 of the 25 scheduled events. The only scheduled event missed occurred during installation of the VFDs during the week of June 10.

On each sample event, 4 standard 100-m³ entrainment samples were collected from the intake line upstream of the pumps, and 4 samples were collected at night on the sampling barge from water strained through the 1.0 mm and 0.5 mm screens (2 from each). In addition, flow data were collected from the sampling pumps, the screen coupons were removed and photographed, and debris was collected from the outer surface of the 1.0 and 0.5 mm screens.

Biological samples are currently being processed at the ECSI laboratory in Delaware. Data analysis and the final CWWS Pilot Study report will be prepared after the laboratory results are received and analyzed. The report will be submitted to the Department in accordance with the approved CWWS Pilot Study plan schedule.