Table 1
Summary of Preliminary Laboratory Analytical Data- Seneca Lake Sediment
Greenidge Generation, LLC
Dresden, New York

Analyte		TOGS 5.1.9 Sediment Quality Threshold Values Class B	TOGS 5.1.9 Sediment Quality Threshold Values Class C	Location ID	GR-CWIS-1	GR-CWIS-1	GR-CWIS-1	GR-CWIS-2	GR-CWIS-2	GR-CWIS-3	GR-CWIS-3	GR-CWIS-4	GR-CWIS-4
				Sample Date	11/10/2021	11/10/2021	11/10/2021	11/10/2021	11/10/2021	11/10/2021	11/10/2021	11/10/2021	11/10/2021
				Sample Type	N	FD	N	N	N	N	N	N	N
				Sample Depth Interval	0 - 4 ft	0 - 4 ft	4 - 5 ft	0 - 4 ft	4 - 5 ft	0 - 4 ft	4 - 5 ft	0 - 4 ft	4 - 5 ft
				Unit									
BTEX	Benzene	0.59	2.16	ug/kg	< 0.63	< 0.58	< 0.71	< 0.64	< 0.61	< 0.60	< 0.61	< 0.66	< 0.60
	Toluene	NS	NS	ug/kg	< 1.3	< 1.2	< 1.4	< 1.3	< 1.2	< 1.2	< 1.2	< 1.3	< 1.2
	Ethylbenzene	NS	NS	ug/kg	< 1.3	0.17 J	< 1.4	< 1.3	< 1.2	< 1.2	< 1.2	< 1.3	< 1.2
	Xylene, p/m	NS	NS	ug/kg	< 2.5	< 2.3	< 2.8	< 2.6	< 2.4	< 2.4	< 2.4	< 2.6	< 2.4
	Xylene, o	NS	NS	ug/kg	< 1.3	< 1.2	< 1.4	< 1.3	< 1.2	< 1.2	< 1.2	< 1.3	< 1.2
	Total BTEX	0.96	6	ug/kg	ND	0.17 J	ND	ND	ND	ND	ND	ND	ND
PAHs	Acenaphthene	NS	NS	ug/kg	< 160	< 160	530	< 180	< 160	< 160	< 160	< 180	< 170
	2-Chloronaphthalene	NS	NS	ug/kg	< 210	< 200	< 240	< 220	< 210	< 200	< 200	< 220	< 210
	Fluoranthene	NS	NS	ug/kg	< 120	< 120	1,800	< 130	< 120	< 120	< 120	< 130	< 130
	Naphthalene	NS	NS	ug/kg	< 210	< 200	280	< 220	< 210	< 200	< 200	< 220	< 210
	Benzo(a)anthracene	NS	NS	ug/kg	< 120	< 120	860	< 130	< 120	< 120	< 120	< 130	< 130
	Benzo(a)pyrene	NS	NS	ug/kg	< 160	< 160	680	< 180	< 160	< 160	< 160	< 180	< 170
	Benzo(b)fluoranthene	NS	NS	ug/kg	< 120	< 120	870	< 130	< 120	< 120	< 120	< 130	< 130
	Benzo(k)fluoranthene	NS	NS	ug/kg	< 120	< 120	290	< 130	< 120	< 120	< 120	< 130	< 130
	Chrysene	NS	NS	ug/kg	< 120	< 120	880	< 130	< 120	< 120	< 120	< 130	< 130
	Acenaphthylene	NS	NS	ug/kg	< 160	< 160	58 J	< 180	< 160	< 160	< 160	< 180	< 170
	Anthracene	NS	NS	ug/kg	< 120	< 120	360	< 130	< 120	< 120	< 120	< 130	< 130
	Benzo(ghi)perylene	NS	NS	ug/kg	< 160	< 160	360	< 180	< 160	< 160	< 160	< 180	< 170
	Fluorene	NS	NS	ug/kg	< 210	< 200	140 J	< 220	< 210	< 200	< 200	< 220	< 210
	Phenanthrene	NS	NS	ug/kg	< 120	< 120	1,200	< 130	< 120	< 120	< 120	< 130	< 130
	Dibenzo(a,h)anthracene	NS	NS	ug/kg	< 120	< 120	100 J	< 130	< 120	< 120	< 120	< 130	< 130
	Indeno(1,2,3-cd)pyrene	NS	NS	ug/kg	< 160	< 160	420	< 180	< 160	< 160	< 160	< 180	< 170
	Pyrene	NS	NS	ug/kg	< 120	< 120	1,600	< 130	< 120	< 120	< 120	< 130	< 130
	2-Methylnaphthalene	NS	NS	ug/kg	< 250	< 240	140 J	< 260	< 250	< 240	< 240	< 270	< 250
	Total PAHs	4,000	35,000	ug/kg	ND	ND	10,568	ND	ND	ND	ND	ND	ND
Metals	Arsenic	14	53	mg/kg	3.19	3.95	4.12	2.56	2.01	1.7	4.17	4.59	4.11
	Cadmium	1.2	9.5	mg/kg	0.107 J	0.126 J	0.268 J	0.115 J	0.136 J	0.069 J	0.115 J	0.171 J	0.158 J
	Copper	33	207	mg/kg	7.5	7.42	27.6	11	13.4	10.6	10.7	14.7	14.2
	Lead	33	166	mg/kg	5.1	10.2	51.5	6.28	6.52	6.72	5.13	7.44	6.76
	Mercury	0.17	1.6	mg/kg	< 0.080	< 0.077	23.8	< 0.084	< 0.082	< 0.077	< 0.079	< 0.087	< 0.081
PCBs	Aroclor 1016	NS	NS	ug/kg	< 40.1	< 39.9	< 45.8	< 42.4	< 42.2	< 39.4	< 40.4	< 45.1	< 40.6
	Aroclor 1221	NS	NS	ug/kg	< 40.1	< 39.9	< 45.8	< 42.4	< 42.2	< 39.4	< 40.4	< 45.1	< 40.6
	Aroclor 1232	NS	NS	ug/kg	< 40.1	< 39.9	< 45.8	< 42.4	< 42.2	< 39.4	< 40.4	< 45.1	< 40.6
	Aroclor 1242	NS	NS	ug/kg	< 40.1	< 39.9	< 45.8	< 42.4	< 42.2	< 39.4	< 40.4	< 45.1	< 40.6
	Aroclor 1248	NS	NS	ug/kg	< 40.1	< 39.9	62.5	< 42.4	< 42.2	< 39.4	< 40.4	< 45.1	< 40.6
	Aroclor 1254	NS	NS	ug/kg	< 40.1	4.76 J	47.5	< 42.4	< 42.2	< 39.4	< 40.4	< 45.1	< 40.6
	Aroclor 1260	NS	NS	ug/kg	< 40.1	< 39.9	< 45.8	< 42.4	< 42.2	< 39.4	< 40.4	< 45.1	< 40.6
	Aroclor 1262	NS	NS	ug/kg	< 40.1	< 39.9	< 45.8	< 42.4	< 42.2	< 39.4	< 40.4	< 45.1	< 40.6
	Aroclor 1268	NS	NS	ug/kg	< 40.1	< 39.9	< 45.8	< 42.4	< 42.2	< 39.4	< 40.4	< 45.1	< 40.6
	PCBs, Total	100	1,000	ug/kg	< 40.1	4.76 J	110	< 42.4	< 42.2	< 39.4	< 40.4	< 45.1	< 40.6
Pesticides	alpha-BHC	NS	NS	ug/kg	< 0.122	< 0.114	< 0.712	< 0.134	< 0.126	< 0.12	< 0.119	< 0.134	< 0.121
	beta-BHC	NS	NS	ug/kg	< 0.122	< 0.114	< 0.712	< 0.134	< 0.126	< 0.12	< 0.119	< 0.134	< 0.121
	gamma-BHC	NS	NS	ug/kg	< 0.122	< 0.114	< 0.712	< 0.134	< 0.126	< 0.12	< 0.119	< 0.134	< 0.121
	delta-BHC	NS	NS	ug/kg	< 0.122	< 0.114	< 0.712	< 0.134	< 0.126	< 0.12	< 0.119	< 0.134	< 0.121
	Heptachlor	NS	NS	ug/kg	< 0.122	< 0.114	< 0.712	< 0.134	< 0.126	< 0.12	< 0.119	< 0.134	< 0.121
	Aldrin	NS	NS	ug/kg	< 0.122	< 0.114	< 0.712	< 0.134	< 0.126	< 0.12	< 0.119	< 0.134	< 0.121
	Heptachlor epoxide (B)	NS	NS	ug/kg	< 0.244	< 0.229	< 1.42	< 0.267	< 0.251	< 0.24	< 0.238	< 0.269	< 0.242
	gamma-Chlordane	NS	NS	ug/kg	< 0.122	< 0.114	1.94 IP	< 0.134	< 0.126	< 0.12	< 0.119	< 0.134	< 0.121
	Endosulfan I	NS	NS	ug/kg	< 0.122	< 0.114	< 0.712	< 0.134	< 0.126	< 0.12	< 0.119	< 0.134	< 0.121
	alpha-Chlordane	NS	NS	ug/kg	< 0.122	< 0.114	0.779 P	< 0.134	< 0.126	< 0.12	< 0.119	< 0.134	< 0.121
	4,4'-DDE	NS	NS	ug/kg	< 0.122	0.186	5.06	< 0.134	< 0.126	< 0.12	< 0.119	< 0.134	< 0.121
	Dieldrin	110	480	ug/kg	< 0.122	< 0.114	< 0.712	< 0.134	< 0.126	< 0.12	< 0.119	< 0.134	< 0.121
	Endrin	NS	NS	ug/kg	< 0.122	< 0.114	< 0.712	< 0.134	< 0.126	< 0.12	< 0.119	< 0.134	< 0.121
	Endosulfan II	NS	NS	ug/kg	< 0.122	< 0.114	< 0.712	< 0.134	< 0.126	< 0.12	< 0.119	< 0.134	< 0.121
	4,4'-DDD	NS	NS	ug/kg	< 0.122	0.445	5.98	< 0.134	< 0.126	< 0.12	< 0.119	0.217	< 0.121
	Endrin aldehyde	NS	NS	ug/kg	< 0.365	< 0.344	< 2.14	< 0.401	< 0.377	< 0.361	< 0.357	< 0.404	< 0.362
	Endosulfan sulfate	NS	NS	ug/kg	< 0.122	< 0.114	< 0.712	< 0.134	< 0.126	< 0.12	< 0.119	< 0.134	< 0.121
	4,4'-DDT	NS	NS	ug/kg	0.350	< 0.114 IP	0.917 IP	< 0.134	< 0.126	< 0.12	< 0.119	< 0.134	< 0.121
	Endrin ketone	NS	NS	ug/kg	< 0.122	< 0.114	< 0.712	< 0.134	< 0.126	< 0.12	< 0.119	< 0.134	< 0.121
	Methoxychlor	NS	NS	ug/kg	< 1.22	< 1.14	< 7.12	< 1.34	< 1.26	< 1.2	< 1.19	< 1.34	< 1.21
	Mirex	1.4	14	ug/kg	< 0.122	< 0.114	< 0.712	< 0.134	< 0.126	< 0.12	< 0.119	< 0.134	< 0.121
	Toxaphene	NS	NS	ug/kg	< 6.12	< 5.75	< 35.7	< 6.7	< 6.3	< 6.04	< 5.98	< 6.75	< 6.06
	Chlordane	3	36	ug/kg	< 6.12	< 5.75	< 35.7	< 6.7	< 6.3	< 6.04	< 5.98	< 6.75	< 6.06
	Sum of DDT+DDD+DDE	3	30	ug/kg	0.350	0.631	11.957	ND	ND	ND	ND	0.217	ND
Dioxins & Furans	2,3,7,8-TCDD	NS	NS	pg/g	< 0.615	< 0.609	--	--	--	--	--	--	--
	1,2,3,7,8-PeCDD	NS	NS	pg/g	< 3.08	< 3.04	--	--	--	--	--	--	--
	1,2,3,4,7,8-HxCDD	NS	NS	pg/g	< 3.08	< 3.04	--	--	--	--	--	--	--
	1,2,3,6,7,8-HxCDD	NS	NS	pg/g	< 3.08	< 3.04	--	--	--	--	--	--	--
	1,2,3,7,8,9-HxCDD	NS	NS	pg/g	< 3.08	< 3.04	--	--	--	--	--	--	--
	1,2,3,4,6,7,8-HpCDD	NS	NS	pg/g	< 3.08	2.96	--	--	--	--	--	--	--
	OCDD	NS	NS	pg/g	9.03	37.1	--	--	--	--	--	--	--
	2,3,7,8-TCDF	NS	NS	pg/g	< 0.615	0.365	--	--	--	--	--	--	--
	1,2,3,7,8-PeCDF	NS	NS	pg/g	< 3.08	< 3.04	--	--	--	--	--	--	--
	2,3,4,7,8-PeCDF	NS	NS	pg/g	< 3.08	< 3.04	--	--	--	--	--	--	--
	1,2,3,4,7,8-HxCDF	NS	NS	pg/g	< 3.08	< 3.04	--	--	--	--	--	--	--
	1,2,3,6,7,8-HxCDF	NS	NS	pg/g	< 3.08	< 3.04	--	--	--	--	--	--	--
	1,2,3,7,8,9-HxCDF	NS	NS	pg/g	< 3.08	< 3.04	--	--	--	--	--	--	--
	2,3,4,6,7,8-HxCDF	NS	NS	pg/g	< 3.08	< 3.04	--	--	--	--	--	--	--
	1,2,3,4,6,7,8-HpCDF	NS	NS	pg/g	< 3.08	1.1	--	--	--	--	--	--	--
	1,2,3,4,7,8,9-HpCDF	NS	NS	pg/g	< 3.08	< 3.04	--	--	--	--	--	--	--
	OCDF	NS	NS	pg/g	< 6.15	1.63	--	--	--	--	--	--	--
	Total TCDD	NS	NS	pg/g	< 0.615	< 0.609	--	--	--	--	--	--	--
	Total PeCDD	NS	NS	pg/g	< 3.08	< 3.04	--	--	--	--	--	--	--
	Total HxCDD	NS	NS	pg/g	< 3.08	< 3.04	--	--	--	--	--	--	--
	Total HpCDD	NS	NS	pg/g	< 3.08	3.08	--	--	--	--	--	--	--
	Total TCDF	NS	NS	pg/g	< 0.615	< 0.609	--	--	--	--	--	--	--
	Total PeCDF	NS	NS	pg/g	< 3.08	< 3.04	--	--	--	--	--	--	--
	Total HxCDF	NS	NS	pg/g	< 3.08	< 3.04	--	--	--	--	--	--	--
	Total HpCDF	NS	NS	pg/g	< 3.08	< 3.04	--	--	--	--	--	--	--
	Total PCDD	NS	NS	pg/g	9.03	40.2	--	--	--	--	--	--	--
	Total PCDF	NS	NS	pg/g	< 0.615	< 0.609	--	--	--	--	--	--	--
	Toxic Equivalency (TEQ)	4.5	50	pg/g	0.003	0.022	--	--	--	--	--	--	--
General	Total Solids	NS	NS	%	78	81	70	75	78	81	80	73	77
	Total Organic Carbon	NS	NS	%	1.61	0.86	1.88	1.88	1.49	0.83	1.6	2.23	2.23
Grain Size	Gravel, Total	NS	NS	%	2.1	0.4	0.1	2.0	0.0	0.0	0.0	2.2	0.0
	Sand, Total	NS	NS	%	49.9	78.0	74.0	56.4	38.4	48.9	34.3	36.7	52.5
	Fines, Total (includes silt and clay)	NS	NS	%	48.0	21.6	25.9	41.6	61.6	51.1	65.7	61.1	47.5

Notes:
< = Compound not detected at concentrationsabove the laboratory reporting detection limit.The laboratory reporting detection limit is shown.
-- = Not analyzed
J = The analyte was positively identified; associated numerical value is the approximate concentration of the analyte in the sample.
I = The lower value for the two columns has been reported due to obvious interference.
P = The RPD between the results for the two columns exceeds the method-specified criteria.
NS = No Standard
N = Normal Environmental Sample
FD = Field Duplicate Sample
mg/kg = milligrams per kilogram
ug/kg = micrograms per kilogram
pg/g = picograms per kilogram