



PARTICLE ANALYSIS REPORT

METROPOLITAN MUSEUM OF ART NEW YORK CITY

Sampling Source: Open Loop Basin

Electro Cell System: **XCell-2000 Particle Precipitator**



96.5%
particle
reduction
in 12 days

TEST METHOD: All tests completed by independent third-party laboratory. Samples analyzed by electro-optical particle analyzer employing the light scattering principle of operation with filtered water and particle data corrected. Stirring was continuous.

BASELINE SAMPLE -
Prior to ElectroCell Start-up - 18-Oct-2019

AFTER 12 DAYS
with ElectroCell System - 30-Oct-2019

**PARTICLE COUNTS PER 100mL
TEST PORTION**

**PARTICLE COUNTS PER 100mL
TEST PORTION**

1 - 3 micron:	5,406,800
3 - 5 micron:	6,600,800
5 - 10 micron:	1,787,200
10 - 15 micron:	374,800
15 - 25 micron:	169,200
Over 25 micron:	<u>534,800</u>
TOTAL / 100mL:	14,873,600

1 - 3 micron:	251,916
3 - 5 micron:	50,439
5 - 10 micron:	37,144
10 - 15 micron:	10,341
15 - 25 micron:	4,903
Over 25 micron:	<u>19,011</u>
TOTAL / 100mL:	373,754

**SOLIDS PER 100 LITERS
OF SYSTEM VOLUME (mm³)**

**SOLIDS PER 100 LITERS
OF SYSTEM VOLUME (mm³)**

1 - 5 micron:	465.71
5 - 10 micron:	754.20
Over 10 micron:	<u>359,701.08</u>
TOTAL / 100 Liters:	360,920.99

3,609 ppm

1 - 5 micron:	5.24
5 - 10 micron:	15.67
Over 10 micron:	<u>12,777.13</u>
TOTAL / 100 Liters:	12,798.04

128 ppm

Electro Cell Systems

3320 Nazareth Road, Easton, PA 18045

Phn: (800) 949-3445 Fax: (610) 438-4472 email: info@electrocellsystems.com