



PARTICLE ANALYSIS

**OXY - Occidental Permian
IRISH STATION METERING FACILITY
Anton, TX**



99.04%
Particle
Reduction
in
15 days

Electro Cell System: EC-6000 Particle Precipitator

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 - 8 May 2023

**POST INSTALLATION SAMPLE
with ElectroCell System - 23-May-2023**

**PARTICLE COUNTS PER 100mL
TEST PORTION**

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TEST PORTION**

1 - 3 micron:	49,518,000
3 - 5 micron:	33,575,200
5 - 10 micron:	51,809,200
10 - 15 micron:	17,129,600
15 - 25 micron:	8,316,400
Over 25 micron:	<u>1,888,000</u>
TOTAL / 100mL:	162,236,400

1 - 3 micron:	124,142
3 - 5 micron:	11,766
5 - 10 micron:	10,918
10 - 15 micron:	4,158
15 - 25 micron:	4,694
Over 25 micron:	<u>19,548</u>
TOTAL / 100mL:	175,226

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

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1 - 5 micron:	2,544.96	
5 - 10 micron:	21,863.48	
Over 10 micron:	<u>1,334,689.35</u>	
TOTAL / 100 Liters:	1,359,097.79	13591 ppm

1 - 5 micron:	1.75	
5 - 10 micron:	4.61	
Over 10 micron:	<u>13,134.00</u>	
TOTAL / 100 Liters:	13,140.36	131 ppm

Electro Cell Systems

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