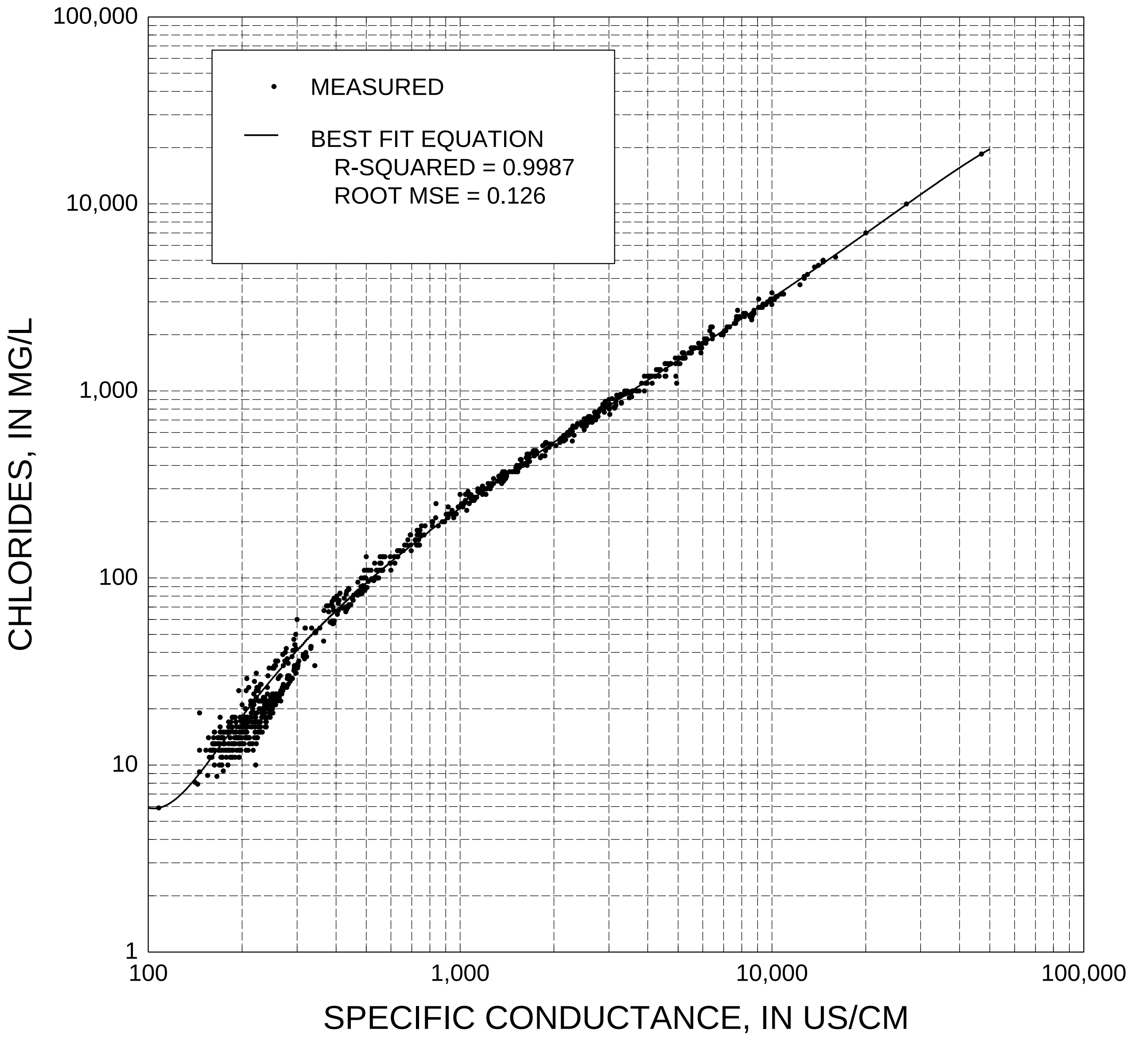
RELATION BETWEEN SPECIFIC CONDUCTANCE AND CHLORIDES IN THE LOWER HUDSON RIVER, BASED ON ANALYSES OF 1033 WATER SAMPLES COLLECTED BY THE US GEOLOGICAL SURVEY



BEST FIT EQUATION:

CL=A+(B*SP)+(C*(SP^2.5))+(D*(SP^3))+((E*(LN(SP)))/SP)

WHERE:
CL= CHLORIDES, IN MILLIGRAMS PER LITER
SP= SPECIFIC CONDUCTANCE, IN MICROSIEMENS PER CENTIMETER
A= -63.3050592665127
B= 0.292508238850158
C= 4.07130527934E-08
D= -1.41320812796E-10
E= 867.514292488499