



# Risk Management JPA Fringe Benefits Consortium



SAN DIEGO COUNTY AND IMPERIAL COUNTY SCHOOLS

February 18, 2016

Jennifer Nerat  
Business Manager  
Alpine Union School District  
1323 Administration Way  
Alpine, CA 91901

**RE: EMF TESTING**

Dear Ms. Nerat,

On February 17, 2016, electromagnetic field testing was conducted for Alpine Unified School District. The site tested was Alpine Elementary School which is located at 1850 Alpine Blvd Alpine, CA 91901. A Teslatronics Triaxial Magnetic Field Meter Model 710 was utilized during testing. The data listed is related to testing outdoors on the site of Alpine Elementary School as shown in Table 1. Table 1 lists an area number, description of the sampling area, and the readings in mG (milligauss), and  $\mu\text{T}$  (microtesla). The testing device records in milligauss, which was converted to microtesla using the conversion  $10\text{mG}=\mu\text{T}$ . The areas where testing was conducted on the site of Alpine Elementary School District are depicted in the enclosed image map for reference.

If you have any questions, please call me at (858) 569-5321.

Sincerely,

Benjamin Flores  
Loss Control Analyst

Cc: Bruce Cochrane

Area	Description of test point	mG	μT
1	Bridge on school parking lot	6.6	0.66
2	Top of stairs between lower and upper parking lots	2.9	0.29
3	Bottom of stairs in main entrance	1.5	0.15
4	Entry gate by main office	1.3	0.13
5	Northeast corner of main office in breezeway <sup>A</sup>	1.8	0.18
6	Breezeway between rooms 6 and 11 <sup>B</sup>	2.4	0.24
7	End of breezeway on north side	0.7	0.07
8	Northeast corner by dirt road	0.4	0.04
9	Fence corner next to storage containers	0.4	0.04
10	Blue and red play structure by storage area	0.5	0.05
11	Paver walkway next to athletic field	0.5	0.05
12	Center of athletic field	0.5	0.05
13	Green play/activity equipment next to athletic field <sup>D</sup>	0.4	0.04
14	Fence west of the play/activity equipment next to athletic field <sup>D</sup>	0.4	0.04
15	Play area with slides	0.6	0.06
16	Rigid play structure area located by fence <sup>D</sup>	0.9	0.09
17	Shaded area by basketball court	0.9	0.09
18	Shaded area by auditorium	1.3	0.13
<b>Notes:</b>	<p>*<sup>A</sup> : Possible electrical conduit in area  *<sup>B</sup> : Possible electrical panel in area  *<sup>D</sup> : Overhead lines with possible electrical current located outside of fence area</p>		

Table 1: EMF testing related to Alpine Elementary School.

