

# CONE OF INFLUENCE LETTER

Month Day, Year

Mr. and Mrs. Public  
1234 Septic Lane  
Las Vegas, NV 89000

Subject: Evaluation of the Impact of the Location and Depth  
Of the Leach Field on the Foundation of the  
Structure at (Street Address) Clark County, Nevada

Sir:

This letter is written at your request to address the impact of the leach field location and depth on the subject residence. A site plan showing the location of the leach field and the structure was provided to us by you. Field measurements show this minimum horizontal distance from the leach field to the house is 15 feet and a depth of 5 feet below top of subgrade. The exposed soil profile is GP-GM (silty gravel and sand) in at least a medium dense consistency.

Based on the location of the leach field relative to the structure and considering the conditions of the in place granular soils between the structure and leach field, it is our opinion that the location of the leach field is outside the foundation stress influence and will not adversely impact the structure, nor will the structure adversely impact the leach field. In addition, no adverse impact will occur if the soils adjacent to the structure become saturated by the leach field.

Respectfully submitted,

Principal Geotechnical Engineer

