

INDOOR AIR QUALITY

G2 Consulting Group (G2) was retained by T-Mobile to perform an Indoor Air Quality (IAQ) Study for their corporate offices located within the City of Chicago, Illinois. According to information provided by T-Mobile, employees who occupied certain office areas reported adverse health symptoms.



To properly evaluate the potential indoor air quality concerns, G2 reviewed the plan layout for the office area. G2 evaluated the physical setting of the office space for potential sources of environmental irritant sources including: photocopier machines; fax machines, bathrooms, janitorial closets, kitchen, and chemical storage areas. Additionally, the building maintenance personnel provided a schedule for cleaning schedules and detailed recent renovations and/or remodeling activities performed within the office area.

G2 conducted interviews of selected employees in regards to medical history, work history, and related matter. G2 performed a diagnostic evaluation of the office ventilation system, which included the visual inspections of the ductwork, plenum space, filters, condensate drip pans, dampers, and a review of the maintenance schedule. G2 also performed various atmospheric tests including: carbon monoxide, carbon dioxide, temperature readings, relative

humidity levels, airborne mold, airborne particulates, and ozone levels. The atmospheric screenings were performed throughout regular



business hours during a typical work week. Other environmental issues were also evaluated as part of this study including: noise levels and lighting. Lastly, the office area was evaluated for the presence of apparent pests and rodents along with documentation related to the application(s) of pesticides and rodenticides.

Based on the interviews, visual and olfactory observations, atmospheric testing, and other pertinent information, no apparent indoor air quality concerns were identified within the building at the time of the survey.

