



Land Use Planning Assessments Noise & Vibration Air Quality, Dust & Odour

SPCL Land Use Planning Environmental Services, particularly with respect to Noise, Vibration, Air, Dust and Odour include the following:

- Compliance studies with regard to land use planning policies and liaison with regulatory agencies for approval.
- Appraisal of the compatibility of new land use proposals with each other and with existing land uses with details on limitations, set backs, design requirements and follow up procedures.
- Master plans studies involving several different types of land use developments where noise, vibration, air, dust, odour could of concern.
- Cost effective required mitigation measures, such as, noise barrier walls and design solutions from the inception stage, regulatory approvals to construction completion.
- Advice on including prospective noise receptors and/or likely noise generating sources/facilities well in advance to minimize cost and effective noise management.

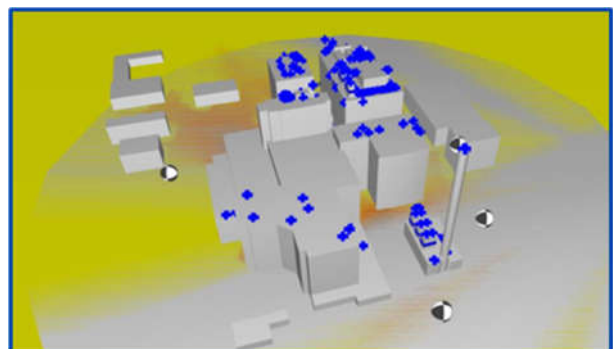
Typical project include:

- Small development lots
- Subdivisions encompassing hundreds of hectares
- Planning of new urban centres
- Laying of new roadways and highways
- Expansion of roadways



Capabilities include:

- Sophisticated noise prediction models, such as, STAMSON, CadnaA and air dispersion models, such as, Reg. 346, AERMOD, CALPUFF
- Actual in-situ measurements
- Long term monitoring and sound/visual surveillance.



3D rendering of noise modeling output