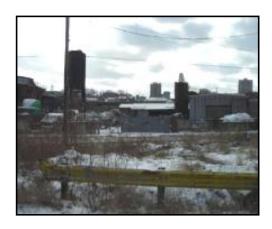
Soil Management and Remediation of Community Scale Brownfields

Monisha Nandi, P.Eng., PMP Remtech – Banff, AB October 11, 2018

KILMER BROWNFIELD EQUITY FUND L.P.





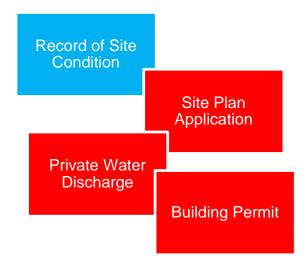




Community Scale: Challenges and Opportunities



Site Scale
1-2 years



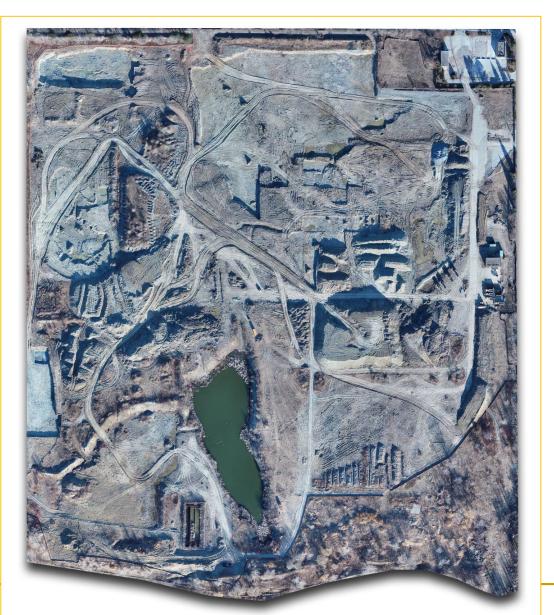
Community Scale 3-10 + years



Single Site



- Constrained
- Limited Options
- Integration with built form



Soil Management

Community Scale

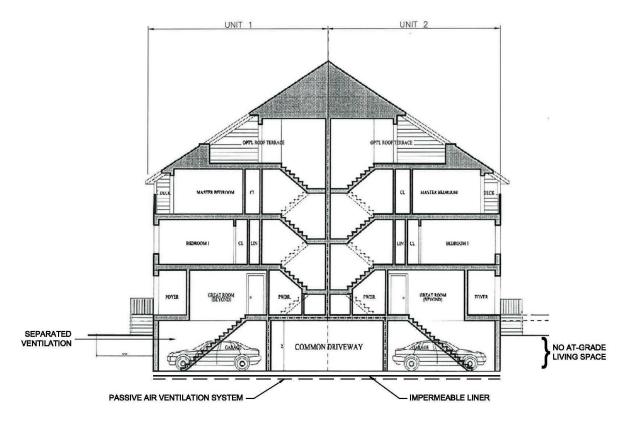
- Flexibility
- Time
- Integration with built form
- Integration with grading and block plans
- Optimization of soil movement

Case Study 1 – Montreal, QC



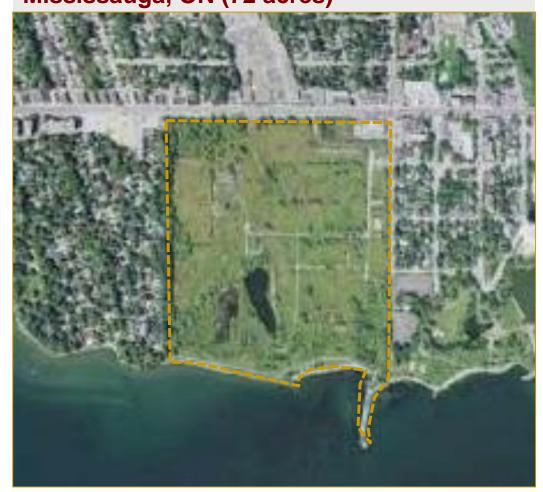








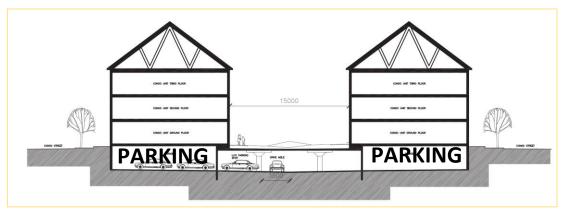
Mississauga, ON (72 acres)





Case Study 3 – Mississauga, ON



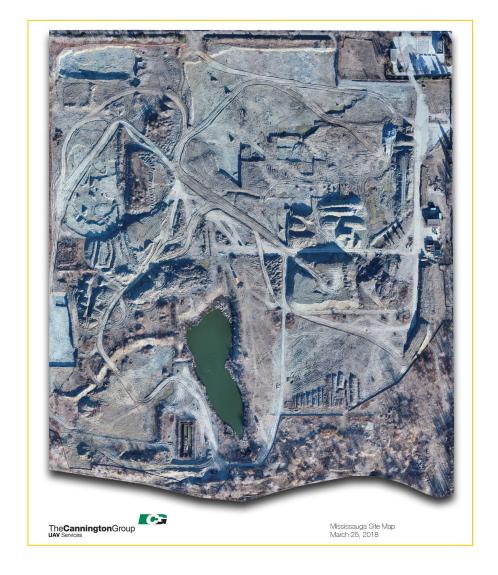




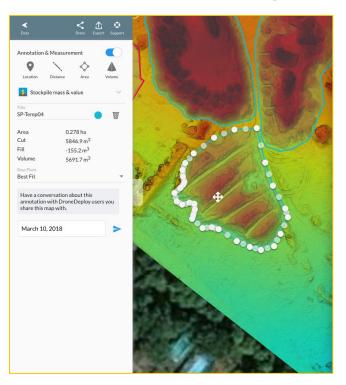
Soil Management: Technology



- Early Assessment
- Geo-location
- Data Management
- Data-supported field decisions



Soil Management: Technology



- Tracking soil volumes, excavation progress
- Reduction of surveying costs





- Monitoring
- At-source mitigation
- Transparency

Acknowledgements









Contact

Monisha Nandi Environmental Director, Kilmer Brownfield Management Limited mnandi@kilmergroup.com