



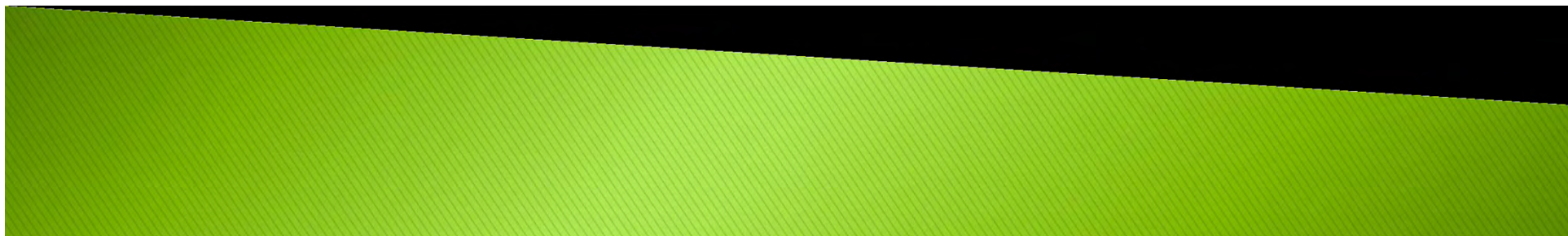
Air Quality and the Proposed Hidden Quarry



*GET Council Meeting
Concerned Residents Coalition
Dr. Stephanie De Grandis
April 22, 2014*

Introduction

- JDCL retained RWDI to conduct an AQA for the proposed quarry (report 6/09/2012 – approx. 80 pp.)
- CRC also received RJB review of RWDI AQA (11/01/2013 – 2 sentences)





Burnside and Associates *Review of RWDI Air Quality* *Report*

“The Emission Summary and Dispersing Modeling (ESDM) as prepared by RWDI was reviewed. Although the documentation took some time to interpret, there was nothing in the ESDM to indicate that the site could not request and receive an Environmental Compliance Approval (“ECA”).”*

**Only comment by Burnside*



Air Pollution

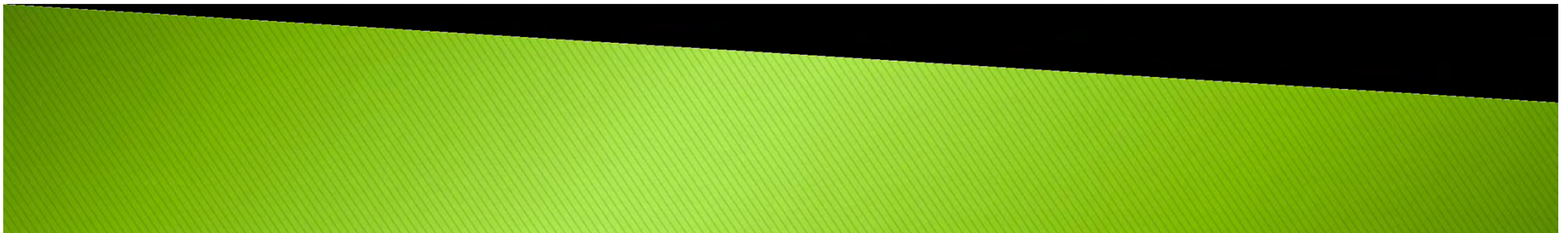


- Threat to human health.
- Chronic bronchitis and asthma, reduced lung function, cardio-respiratory diseases.
- International Agency for Research on Cancer (IARC) study on outdoor air pollution as a leading environmental cause of cancer deaths.
- Contaminates soil water resources, damage vegetation and wildlife and disrupt ecosystem functions.
- Costs Ontario billions of dollars.



Toxic Dust

- Crystalline silica dust is common from processing aggregate and is a known carcinogen.
- *Beyond silica: oxides of nitrogen, hydrocarbons – benzo-a-pyrene*
- *Invisible particulate kills: PM2.5*





CRC Retainer to Airzone One Ltd.

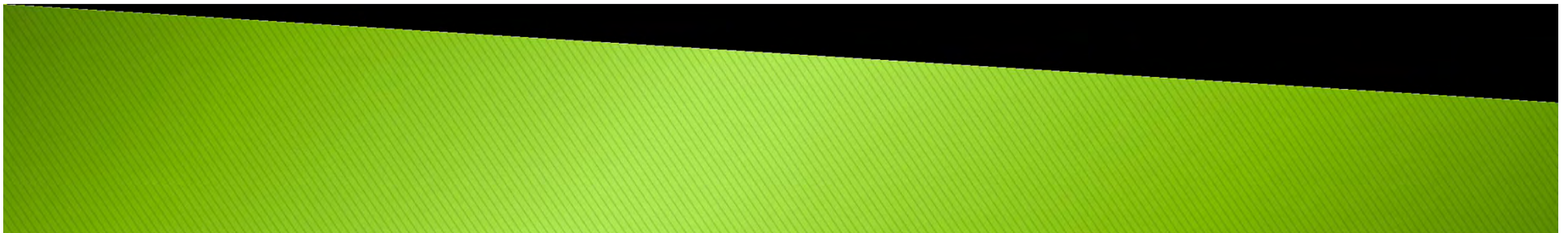
- CRC sought a second opinion
- Retained Airzone One Ltd. (Airzone) – Dr. Franco DiGiovanni – expert in air quality assessments and quarrying operations
- Retained Feb 2014 to review report and address CRC ToRs



CRC Key Questions to AirZone One Ltd.

- What air quality monitoring is being proposed by the applicant and is it adequate?
- Evaluate the technical completeness of the report.
- Are the conclusions and recommendations in support of the development application valid?

Answers: NO to all





Quarry dust coating vegetation

THANK YOU!

- Suggest GET retain Dr. DiGiovanni to conduct thorough review

Concerned Residents
Coalition Rockwood
www.crcrockwood.ca