

Part 3- Consequence Analysis

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DR DJAMEL LAKEHAL; DJAMEL.LAKEHAL@AFRY.COM

WWW.AFRY.COM/AMS; AMS@AFRY.COM



Consequence Analysis

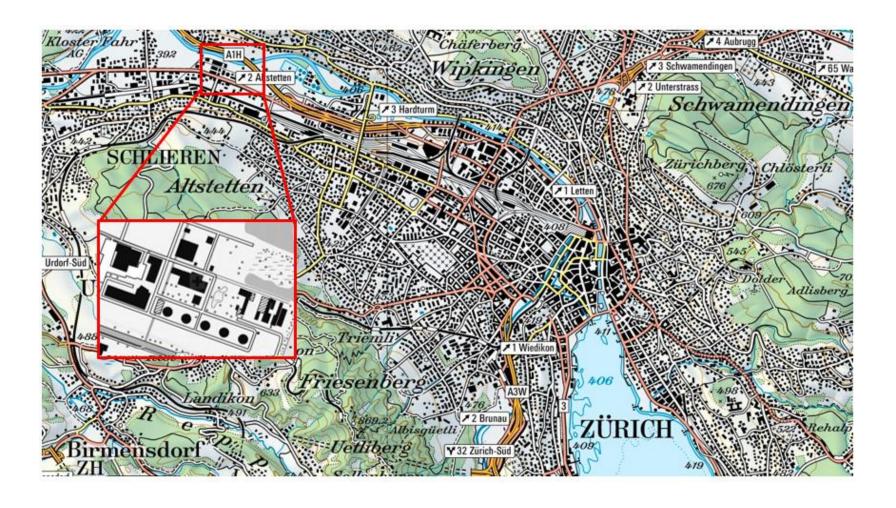
BACKGROUND

- The Seveso Directives are the main EU legislation dealing specifically with the control of on-shore major accident hazards involving dangerous substances.
- The Control of Major Accident Hazards (COMAH) Regulations 2015 is implementing the Seveso Directive
- "Take all necessary measures to prevent major accidents involving dangerous Substances and Limit the consequences to people and the environment of any major accidents which do occur"
 - → CONSEQUENCE ANALYSIS
- Consequence analyses consist of major accident scenarios
 - Fire: Heat radiation (kW/m²) distances, m
 - Explosion: Pressure effect (kPa) distances, m
 - · Dangerous chemical dispersion, m



Consequence Analysis

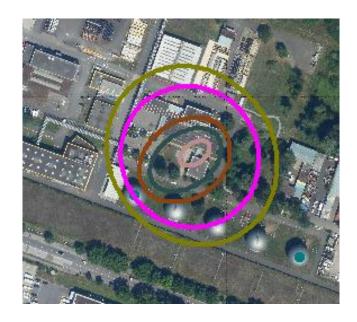
GASWERK SCHLIEREN, SWITZERLAND





Consequence Analysis

GASWERK SCHLIEREN, SWITZERLAND





Radiation levels from 3 – 57 kW/m2 for a jet fire and the flash fire envelope for a release valve failure.



