

RPS

Old Kent Road IWMF



Environmental Permit



Old Kent Road Community Liaison Group Meeting
25th September 2008



Permit Application - Contents

Application Forms

- Non-technical Summary
- Environmental Risk Assessments
- Air Quality Assessment
- Operating Techniques & Monitoring Plan
- Odour Management Plan
- EP OPRA

Associated documents:

- Accident Management Plan
- Closure Plan



Determination of Applications

- EA Permitting Support Centre (PSC) undertake duly made assessment
- EA put application on public register and advise all consultees of application
- EA technical assessment by National Permitting Service – compliance with legislation & guidance
- Consideration of consultee representations
- Fit and Proper Person Assessment
- Requests for Information
- Draft permit or refusal
- 4 month determination time (extensions if agreed)



Permit Regulation

- Risk based regulation - target high risk operations (operator and environment)
- EA develop Compliance Assessment Plan (CAP)
- Resource available dependent on EP OPRA score
- Un-announced inspections
- Normally, at least 1 audit/year
- Monitoring returns
- Schedule 6 submission – breach of emission limits
- Enforcement, suspension, revocation

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Air Quality Assessment



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The Air Quality Assessment

- Operational emissions:
 - Odour including accidental releases
 - Bioaerosols
 - Dust
- Environmental Control
 - negative pressure
 - Biofilter
 - Standard operational procedures
- Aermod
 - Modelling results show compliance



The Air Quality Assessment

- Traffic
 - NO₂
 - Particles
- Breeze –Roads
 - Baseline- 2008
 - 2011 with development
 - 2011 without development
- Background data form NAQIA
- Results show compliance with air quality objectives and enhancement in comparison with baseline 2008
- Difference in the with and without scenarios is insignificant (maximum being 0.03%)

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Transport Assessment



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Transport Assessment

“Operational” Assessment

- Planning Application for the construction of the new access road to serve the IWMF
 - Submitted by Southwark Council and their Consultants (Mouchel)
- Purpose:
 - Suitability of the Access Arrangements
 - Capacity of the Road Network and Junctions (TRANSYT)
 - Changes in Queue Length (VISSIM)
 - Impact on other transport modes (pedestrian, cyclists, buses, rail services)
- Outcome:
 - Improved site access: Split access road, with access via Devon Street and egress via a new signalised junction onto Old Kent Road (between Devonshire Grove and Sylvan Grove)
 - New roundabout junction at the entrance of the site



Transport Assessment

“Environmental” Assessment

- Planning Application for the construction of the IWMMF
 - Submitted by Veolia ES and their Consultants (RPS)
- Purpose: Assess environmental effects and their significance
 - Noise & Vibration
 - Visual Effects
 - Severance
 - Driver Delay
 - Pedestrian Delay
 - Pedestrian Amenity
 - Accident & Safety
 - Air Pollution (incl. Dust & Dirt)
- Method: IEMA Guidelines on Road Traffic Assessment
 - Up to 10% increase in traffic = No discernible environmental effects
- Worst Case:
 - Commercial Way: between 11:00 – 12:00
8.3% increase (week day) and 7.6% increase (Saturday)
 - Old Kent Road: between 06:00 – 07:00
5.7% increase (week day) and 6.9% increase (Saturday)
 - Based on Traffic Surveys and estimated number of vehicle movements generated by the site

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