

## Ramsgate Environmental risk assessment

What do you do that can harm and what would be harmed				Assessing the Risk		
Hazard	Receptor	Pathway	Risk Management	Probability of exposure	Consequence	What is the overall risk
What has the potential to cause harm?	What is at Risk, what do I wish to protect?	How can the hazard get to the receptor?	What measures will you take to reduce the risk – which is responsible for what?	How likely is this contact?	What is the harm that can be caused?	What is the risk that still remains? The balance of probability and consequence?
Odorous material	Local residents and properties in the communities in the harbour, nearest residents properties are 750m in St Augustine Road due North from the site, nearest commercial properties are the port authorities buildings approx 200m due north of the site. The SSSI " Sandwich bay to Hacklinge Marshes" approx 350m North west of the site	Air	Gas oil is delivered in bulk by tanker and placed in banded sealed container. The Operations manager is responsible for implementing risk management measures in accordance with Brett QHEST procedures	Very Low	Odour	Not significant

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Engine Noise from vehicles arriving and leaving the site	Local residents and properties in the communities in the harbour, nearest residents properties are 750m in St Augustine Road due North from the site, nearest commercial properties are the port authorities buildings approx 200m due north of the site The SSSI "Sandwich bay to Hacking Marshes" approx 350m North west of the site	Air	The harbour has its own access road through a tunnel and the road surface is maintained, by highways dept and the port authorities, the access road into site is approx 500m from the nearest resident The Operations manager is responsible for implementing risk management measures in accordance with Brett QHEST procedures. The site will be operating in accordance to its planning permission	Low – prevailing wind is South westerly, directing noise up the coast line	Noise disturbance	Not significant

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To Air						
Fugitive dust from stock piles and vehicle movements	Local residents and properties in the communities in the harbour, nearest residents properties are 750m in St Augustine Road due North from the site, nearest commercial properties are the port authorities buildings approx 200m due north of the site The SSSI " Sandwich bay to Hacklinge Marshes" approx 350m North west of the site	Air	The materials stocked would be stored in three sided bays and below the height of the walls, any materials stored out of the bays would be dampened down, the yard would be inspected regularly for spillages and hosed clean. The Operations manager is responsible for implementing risk management measures in accordance with Brett QHEST	Low – prevailing wind is South westerly, directing any fugitive dust up the coast line	Dust on cars and windows of houses and dust on the flora and fauna.	Not significant

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Dust from delivery of bulk powder and manufacture of Ready mix concrete	Local residents and properties in the communities in the harbour, nearest residents properties are 750m in St Augustine Road due North from the site, nearest commercial properties are the port authorities buildings approx 200m due north of the site The SSSI " Sandwich bay to Hacklinge Marshes" approx 350m North west of the site	Air	The site would operate under a EPA permit, controlling the production of readymix concrete, the concrete is premixed before it enters the delivery vehicle The Operations manager is responsible for implementing risk management measures in accordance with Brett QHEST	Low – prevailing wind is South westerly, directing any fugitive dust up the coast line	Dust on cars and windows of houses and dust on the flora and fauna.	Not significant
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To Water						
Water from process operation	The coast line surrounding the harbour. The SSSI "Sandwich bay to Hacklinge Marshes" approx 350m North west of the site	Land /Sea	The plant is situated on a purpose designed concrete slab that drains into holding tanks , the water in the tank is then reused in the process. The Operations manager is responsible for implementing risk management measures in accordance with Brett QHEST	Very Low	Marine water and ground contamination	Not Significant

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Pests						
<p>Birds, Vermin and insects attracted to site</p>	<p>Local residents and properties in the communities in the harbour, nearest residents properties are 750m in St Augustine Road due North from the site, nearest commercial properties are the port authorities buildings approx 200m due north of the site</p>	<p>Land and Air</p>	<p>All waste will be stored in plastic sealed bins</p>	<p>Low</p>	<p>Nuisance and Health issues</p>	<p>Not significant</p>

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Mud/Litter						
Vehicles leaving site may leak concrete, and litter blown from site	Local residents and properties in the communities in the harbour, nearest residents properties are 750m in St Augustine Road due North from the site, nearest commercial properties are the port authorities buildings approx 200m due north of the site The SSSI " Sandwich bay to Hacklinge Marshes" approx 350m North west of the site	Dropped off, and Windblown	The trucks would only be loaded to there maximum capacity, All waste will be stored in plastic sealed bins The Operations manager is responsible for implementing risk management measures in accordance with Brett QHEST	Low	Nuisance and Health issues	Not Significant

