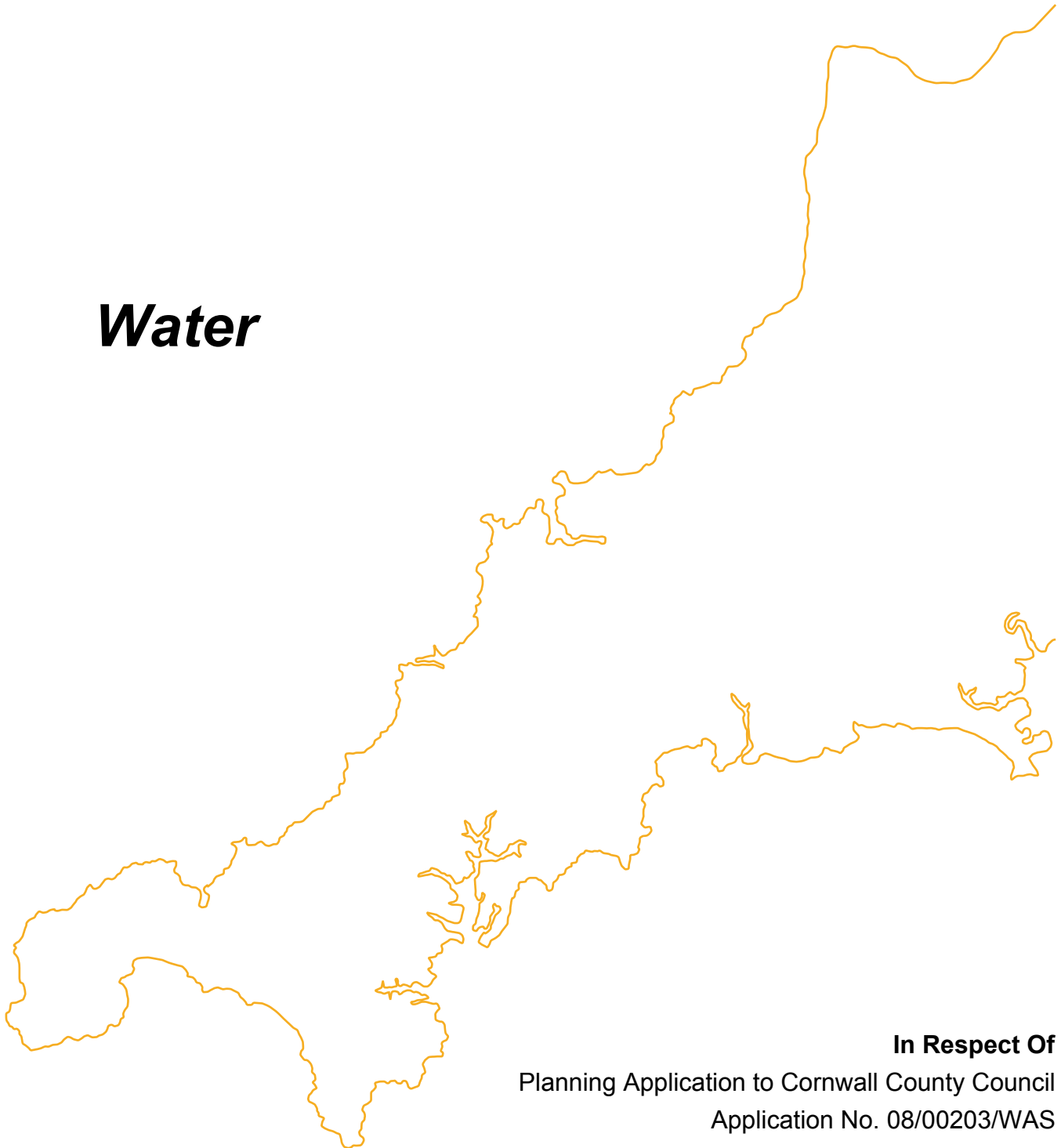




# Consultee Response to SITA Additional Information

**Consultee**  
St.Dennis Anti Incinerator Group (S.T.I.G.)

***Water***



**In Respect Of**  
Planning Application to Cornwall County Council  
Application No. 08/00203/WAS

## Water

### Introduction

There are three main points of concern namely; the effects that this development will have on the water supply of the area, the effects of flooding and how will the fire brigade cope in the case of fire.

### Water Supply

In the letter from Atkins, a consultant to South West Water raises two points.

1. The pressure from the pumps sited in Roche had to be increased by a third in order to simulate the working pressure of the planned site.
2. The report from Mr James (person in charge of pumps in Roche) that the pipe that will feed the site of water is old and is prone to bursts and leaks.

As the residents already know there are often interruptions to the water supply in the area. If the pressure fails or the pipe bursts the disruption would have a huge impact to households, industry and local schools in the area. Has any modelling or studies been carried out with these questions in mind?

### Flood Risk

In the Planning Policy Statement 25 – Annex E: The Assessment of Flood Risk it states that:

- Should consider the risk of flooding arising from the development in addition to the risk of flooding to the development.
- Take into account the impacts of climate change.
- Consider the potential adverse effects of flood risk management infrastructure including raised defences, flow channels, flood storage areas and other artificial features together with any consequences if they fail.
- Consider and quantify the different types of flooding whether from natural or human sources and include joint and cumulative effects as well as identify any flood risk reduction measures and that assessments are fit for the purpose for a decision being made.
- Consider the effects of a range of flooding events, including extreme events on people, property, the natural and historic environment and river processes.
- Consider how the ability of water to soak into the ground may change with development, along with how the proposed layout of development may affect drainage systems and be supported by appropriate data and information, including historical information on previous events.

## Water

And lastly and most importantly

- **Be undertaken by competent people.**

S.T.I.G. are concerned at the lack of evidence that show these points have been fully considered.

In recent years there have been incidents up and down the country, including Boscastle, where freak weather conditions have resulted in whole communities being affected. Flooding already has an impact on the houses in Trerice. This area is particularly at risk and residents often need to use sand bags in an effort to protect their properties. The location of the site is higher than Trerice. Have models been carried out looking at the impact any freak weather incidents may have on these properties? If they have, why have no details of the results been made public? Also what contingency plans have been made for residents? Many households in the area already experience difficulties meeting the costs of insurance for their properties. This possible increased risk of flooding will result in higher insurance premiums in an area, which is considered to already be deprived.

There is also local concern regarding the construction of haul and access roads if planning permission is granted. The local area already suffers from drains becoming blocked due to run off water, which carries loose material such as Mica.

S.T.I.G.'s concerns include:

- What plans have been put in place to address this situation?
- What will happens if the haul and access roads are flooded and vehicles are not able to use the roads?
- What will happen to the non deliverable waste then?
- How long would it be before the waste could be delivered?
- When the roads are flooded have studies been carried out to identify other areas at risk of flood?
- How will this affect the collection of rainwater and surface run off?
- How will you ensure that the area is not contaminated by oil and other pollutants?
- Will vehicles be given permission to use unauthorised roads to avoid flooded routes?
- If the plant is unable to accept deliveries how good is the air pollution control when running down slowly?
- What happens to the waste left in the bunker if a fast shut down is required?

## Water

### Fire Brigade

What assessments have been carried out in the event of fire at the site? For example where will the water come from if all stored water is used? The fire at Kirklees was contained by having access to a water supply from the nearby canal not the mains supply to residents which would be the case in Cornwall.