

An aerial photograph of a quarry site, showing a large yellow bulldozer in the center-right, pushing a pile of grey aggregate material. The ground is covered in tracks and mounds of material. The image is overlaid with a semi-transparent dark grey rectangle containing white text.

GALES FERRY INTERMODAL QUARRY

The True Cost

HOW IT IS NOW AND WHAT WE HAVE TO DEAL WITH DAY TO DAY

- Traffic

Accidents, Animal Strikes, High Speed Drivers, High Volume from shift changes, School Bus Runs, Accident detour from 95 & 395 S & N

- Environmental

Dust from road, Wildlife, Snow & Ice, Rain, High Wind

- Public

Dog walking, Runners, Cycling, Slow Scooters, Fire Station calls



The image is a landscape photograph split vertically. The left side shows a vibrant, healthy green field of tall grass. The right side shows a starkly different scene of brown, parched earth with deep, irregular cracks, indicating severe drought. The sky is a mix of dark, stormy blue on the left and a hazy, golden-yellow on the right, suggesting a transition or a specific time of day like sunset or sunrise. A thin white line frames the entire scene.

THE ENVIRONMENTAL IMPACT


- Habitat destruction and fragmentation due to physical alteration of the landscape
- Displacement of wildlife and disruption of ecological processes
- Soil erosion and degradation from the removal of vegetation and topsoil
- Loss of soil fertility and decreased soil quality
- Increased risk of sedimentation in nearby water bodies
- Adverse effects on aquatic ecosystems and water quality
- Long-term environmental challenges in abandoned quarries, including invasive species proliferation and contamination risks

- Disruption of ecological processes and food chains, affecting the balance of ecosystems
- Displacement of wildlife from their natural habitats, leading to population declines and loss of biodiversity
- Increased risk of invasive species colonization in disturbed areas, further threatening native flora and fauna
- Loss of nesting sites, shelter, and food sources for various wildlife species
- Negative impacts on endangered and sensitive species that rely on intact habitats for survival
- Alteration of natural watercourses and wetland habitats, affecting aquatic ecosystems and associated wildlife



ENVIRONMENTAL
IMPACT ON AIR
QUALITY

- Release of particulate matter (PM) during drilling, blasting, and crushing activities
- PM pollution can lead to respiratory problems and other health issues
- Emission of nitrogen oxides (NO_x), sulfur dioxide (SO₂), and volatile organic compounds (VOCs)
- These pollutants contribute to smog and ground-level ozone formation
- Diesel-powered machinery emits nitrogen dioxide (NO₂) and particulate matter
- Implementing air quality monitoring programs is essential for assessing and addressing the impact on nearby communities.

An aerial photograph of an industrial facility, possibly a power plant or refinery. The main building is a large, rectangular structure with a flat roof and several long, narrow skylights. It is surrounded by a paved area with some parked vehicles. In the background, there are large, circular tanks or basins, and a complex network of pipes and structures. The surrounding landscape is hilly and appears to be a mix of natural terrain and industrial development. The text "CLOSING STATEMENT" is overlaid on the left side of the image.

CLOSING STATEMENT