

enduro 20 YEAR CASE STUDY

SPOTLIGHT ON:

FRP Material Performance
and Life Cycle Over 20 Years

PROJECT TYPE:

FRP Launder Cover and
Tank Cover Combination

OWNER:

City of Rome, New York

SCOPE OF WORK:

Designed and Provided Tuff
Span™ Tank Cover and Custom
Launder Covers with FRP
Structural Support.

ENDURO PRODUCTS:

Tuff Span™ and Walkable
Enduro Launder Cover with
Access Hatches



APPLICATION SUMMARY

Due to the need for odor control and algae growth inhibition in a sludge thickening tank, the client needed a cost effective and corrosive resistant tank cover. In addition, the launder area needed to be walkable as well provide uniform access in a flat configuration. Due to the corrosive nature of H₂S gases and constant exposure to a wastewater environment, a key performance requirement was minimal maintenance with a long life cycle.

SOLUTION

For the primary tank area, Enduro chose to provide Tuff Span™ panels that could be provided in a flat orientation to minimize the volume of air to be removed in the air space above the water level. Since this area did not require the need for regular walkability, the Tuff Span™ panel proved particularly effective with the spans needed and budget limitations.

For the launder area, the solution was to provide Enduro Launder Covers with integrated access hatches that were both flat and walkable. The combination of pultruded material and molded panels placed on FRP structural material was an excellent choice given the access needs and minimal maintenance requirements.

To date, the cover(s) have been in service for 21 years.

TESTIMONIAL

David Marino, Working Supervisor for City of Rome

“Very Satisfied. Excellent product. They have been practically maintenance free for 21 years and still look like new.”

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