

## PROJECT OVERVIEW REPORT

1. UTC Identifying Number  
DTRT13-G-UTC28
2. Center Identifying Number  
CAIT-UTC-NC54
3. Project Title  
Long-Term Performance Evaluation of Stabilized Sediments, Beneficial-Use Projects
4. Principal Investigator & Contact Information  
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5. Rutgers/CAIT Project Manager  
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6. Customer Principal  
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7. Project Description  
The primary objective of the proposed study is to evaluate the long-term performance of projects where stabilized dredged materials have been used to augment and/or replace borrowed materials – “beneficial-use applications”. The study focuses on the performance of a limited number of signature projects in NJ, where pioneering beneficial use were carried out following the ban on ocean disposal of contaminated sediments in 1997. It is anticipated that the outcome of the proposed study will help better understand long-term performance and behavior of stabilized sediments under service conditions and help with improvements on both stabilization schemes and project design protocols and guidelines.
8. Implementation of Research Outcomes (or why not implemented)  
The intended outcome of the project is to help dredged material managers better understand long-term performance and behavior of stabilized sediments

under service conditions and help with improvements on both stabilization schemes and project design protocols and guidelines.

9. Impacts/Benefits of Implementation (actual, not anticipated)  
To Be Determined

10. Dates and Budget

Start date: 7/1/2018

End date: 8/31/2019

UTC (CAIT) Dollars: \$469,223

Cost Sharing: \$0

Total Dollars: \$469,223

11. Keywords

Stabilized sediments, geotechnical

12. Web Links (Reports and Project Website)

<https://cait.rutgers.edu/research/long-term-performance-evaluation-of-stabilized-sediments-beneficial-use-projects/>