

Smith, George

From: Wargo, Emily
Sent: Monday, March 28, 2022 11:45 AM
To: Madden, Melissa; SWD_Waste
Subject: FW: CROM - Leachate Tank Repair Summary Letter - Springhill, FL 2022R018
Attachments: L -Spring Hill FL 2022R018 - Repair Procedure Summary.pdf

FYI



Emily Wargo
Engineering Specialist II
Florida Department of Environmental Protection
Southwest District
Emily.Wargo@FloridaDEP.gov
Office: 813-470-5942

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From: Steven Power <spower@pascocountyfl.net>
Sent: Monday, March 28, 2022 11:42 AM
To: Wargo, Emily <Emily.Wargo@FloridaDEP.gov>; 'melissa.maden@floridaDEP.gov' <melissa.maden@floridaDEP.gov>
Cc: Justin G. Roessler <jroessler@pascocountyfl.net>; Steven Power <spower@pascocountyfl.net>
Subject: FW: CROM - Leachate Tank Repair Summary Letter - Springhill, FL 2022R018

EXTERNAL MESSAGE

This email originated outside of DEP. Please use caution when opening attachments, clicking links, or responding to this email.

Good Morning all,

The attachment that is being sent is a summary report for the work that we did on our 2 million gallon Leachate tank.

If you have any question feel free to reach out.

Thanks,

From: Renee Yates <ryates@CromCorp.com>
Sent: Friday, March 25, 2022 3:32 PM
To: Steven Power <spower@pascocountyfl.net>
Cc: Christopher Mincey <cmincey@CromCorp.com>; John J. Martignago <jjm@CromCorp.com>; john@img-eng.com;
Justin G. Roessler <jroessler@pascocountyfl.net>
Subject: CROM - Leachate Tank Repair Summary Letter - Springhill, FL 2022R018

Good afternoon,

The attached Letter is being sent on behalf of Chris Mincey. All email replies will be directed to Chris at cmincey@cromcorp.com or you may contact him at (352) 321-6652.

Thank you,

Renee Yates | Administrative Professional II



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CUSA18A7

March 25, 2022

Via Email: spower@pascocountyfl.net

Cc: john@jmg-eng.com

Cc: jroessler@pascocountyfl.net

Mr. Steven Power
Pasco County Solid Waste Resource Recovery
14230 Hays Road
Spring Hill, FL 34610

Re: Leachate Tank (1996-M-032) Repair Summary
Hays Road Solid Waste Disposal Facility
Spring Hill, Florida
CJN: 2022R018

Dear Mr. Power,

We appreciate you considering CROM to assist the county with the repairs to your existing leachate storage tank. It was a pleasure working with you and your team. Per your request, we would like to summarize the repairs made to the 2,000,000-gallon tank:

1. Through-wall cracking, which was causing minor leakage through the wall section, was addressed by performing the following actions:
 - a) A Sika representative inspected the tank interior and exterior wall and made recommendations regarding appropriate repair procedures.
 - b) Surface areas where cracking was noted was sandblasted to better expose areas requiring repair. All existing Sika 107 was removed in these localized areas.
 - c) Surface ports were then installed directly onto the crack and spaced per manufacturer's recommendation.
 - d) The surface of the cracks were then sealed with Sikadur 31.
 - e) The cracks were injected with Sikadur 35. Injection started at lowest port elevation until resin appears at the adjacent port. The process was continued until the full length of the prepared crack had been fully injected.
 - f) Surface ports were then removed.
 - g) All sandblasted and repaired areas were then overcoated with 2 coats of Sika 107, per manufacturer's recommendations.

2. Delaminated coatings noted at the bottom 3' of tank wall. These areas of concern were addressed by:
 - a) Abrasive blasting the interior concrete surfaces removing the existing Sika 107 from the bottom 5'-0" of the interior tank wall and 1'-0" of the outer perimeter of the tank floor. The blasting provided a surface profile equal to an ICRI CSP 4-5 or greater.
 - b) Two coats of Tnemec Series 61 high-build epoxy were then applied to the prepared surfaces per manufacturer's recommendations.

*Note: Originally Sika 62 had been selected as the epoxy to be utilized for this repair. However, product supply shortages and a short outage schedule required a different product to be utilized. This change in product was discussed with JMG Engineering prior to application.

Again, we want to thank you for allowing us to assist you in the repair of your leachate storage tank. Should you have any questions or comments regarding the repair methodology utilized, please feel free to contact me at 352.321.6652 or via email at cmincey@cromcorp.com.

Sincerely,

CROM, LLC



Christopher T. Mincey, PE
Vice President

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