

From: **Whittaker, Frank M** <frank.m.whittaker@wv.gov>
Date: Mon, Dec 27, 2021 at 4:28 PM
Subject: Re: Emergency Purchase Order Kingwood Landfill Tank Repair
To: Chambers Smith, Jessica <jessica.chamberssmith@wv.gov>
Cc: Joseph E Hager III <joseph.e.hageriii@wv.gov>, Linda B Harper <linda.b.harper@wv.gov>, B.J. Chestnut <b.j.chestnut@wv.gov>

Jessica,

Your request for Emergency repair of the Kingwood Landfill storage tank is approved. Please follow all emergency guidelines described in the Purchasing Division Procedures Handbook and return all supporting documentation to this office within 30 days of this approval for processing.

On Mon, Dec 27, 2021 at 4:06 PM Chambers Smith, Jessica <jessica.chamberssmith@wv.gov> wrote:

Please see the attached request for emergency approval. Please feel free to contact me if you have any questions.

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Thanks,

Jessica Chambers-Smith
(304)926-0499 ext.41140

----- Forwarded message -----

From: **Gynn, Catherine N** <catherine.n.gynn@wv.gov>
Date: Mon, Dec 27, 2021 at 2:04 PM
Subject: Emergency Purchase Request for Kingwood Landfill Tank Repair
To: Jessica Chambers Smith <jessica.s.chambers@wv.gov>, DEP Procurement <depprocurement@wv.gov>
Cc: Nora M Adams <nora.m.adams@wv.gov>

Good Afternoon

I have attached the request for the emergency purchase order for the repair of the aboveground storage tank at the Kingwood Landfill. Left undone could result in the primary tank "collapsing" and LCAP will have to replace the entire leachate tank at the Kingwood Landfill.

Cathy

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Catherine Guynn
Program Manager
Division of Land Restoration
Landfill Closure Assistance Program
601 57th Street, S.E.
Charleston, WV 25304
Office: (304) 926-0499 ext. 41209
Cell: (304) 561-5154



west virginia department of environmental protection

Division of Land Restoration
Landfill Closure Assistance Program
601 57th Street, SE
Charleston, WV 25304
(304) 926-0499

Harold D. Ward, Cabinet Secretary
dep.wv.gov

December 27, 2021

Mr. Mike Sheets
Purchasing Director
West Virginia Purchasing Division
2019 Washington Street E.
Capital Complex Building 15
Charleston, WV 25305

RE: Emergency Repair of Kingwood Landfill Aboveground Leachate Storage Tank

Dear Mr. Sheets,

The West Virginia Department of Environmental Protection (WVDEP), Division of Land Restoration (DLR), Landfill Closure Assistance Program (LCAP) is requesting an emergency purchase order for the repair of the aboveground leachate storage tank at the Kingwood Landfill. The estimated cost of this emergency is approval is \$30,000.00.

The leachate tank at the Kingwood Landfill is a bolted glass-fused-to-steel panel 74,000-gallon glass-coated, bolted steel primary tank with a 97,000-gallon glass-coated, bolted steel tank and foundation secondary tank. At some point this winter (exact date unknown) the inside primary tank began to leak into the secondary tank outside secondary storage tank must have had at least 4 inches more leachate than the inside primary storage tank. This caused the primary tank to “float”, which means the primary came off its foundation. If the leachate level in the secondary tank is greater than the leachate level in the inner primary storage tank, this can put stress on the inner primary tank until the glass panels begin to crack. Additionally, several areas of the splice plates located around the primary tank are bowed and show damage where the tank has tried to "weaken".

The requested emergency repair will primarily consist of dewatering the leachate tank; investigating the inside floor and walls of the primary tanks to see if the concrete base needs is cracked and needs repaired; installing a sealant (i.e., Manus-Bond 75-AM Industrial Grade, or equivalent) to patch areas where the primary tank floated; applying liquid urethane concrete bridging (i.e., CIM 1000 or equivalent) around the interior perimeter to seal any additional cracks and gaps; and, installing a sump pump and associated piping to go up and over the tank

*Mr. Mike Sheets
Emergency Repair of Kingwood Landfill
Aboveground Leachate Storage Tank
December 27, 2021*

sidewall and back into the primary tank to prevent the secondary tank from holding more leachate than the primary tank.

For the reasons listed above, LCAP is requesting approval of this emergency contract for the repair of the aboveground leachate storage tank at the Kingwood Landfill. If you have questions or need more information, please do not hesitate to contact me at (304) 561-5154 or by email at catherine.n.guynn@wv.gov.

Respectfully,



Catherine Guynn
LCAP Program Manager

cc: Casey Korbini, DLR Deputy Director
Sheena Moore, LCAP Project Manager
Nora Adams, LCAP Procurement Specialist
Jessica Chambers-Smith, DEP Procurement Manager