

RFB#8418 Lined Dedicated Land Disposal (LDLD) 3 Runoff Zone Liner Cleaning Project

Questions and Answers

Question 1: The estimated quantity of debris plus vegetation and loam soil to be scraped and haul away from the liner is 1300 to 1500 cubic yard, should it be transported to landfill site as shown on sheet 35G2 key note 33?

Answer: No. Nothing can be transported (from the runoff zone) to the Closed Landfill Area (as shown on Sheet #2/Drawing #35G2, Key Note#33). The Sheet #2/Drawing #35G2 is a Site Map showing LDLD3 on-site location and orientation. The Landfill Closure Area shown on this Site Map (Key note#33) indicates one of the District's on-site units, a grit and screening landfill that was CLOSED in 1994.

Per the RFB Scope of Work 4. Dirt, mud, harvested sludge, weeds, and other vegetation removed from the runoff zone liners may be placed on to the adjacent LDLDs in areas designated by the District...Miscellaneous debris such as paper, cardboard cans, and rocks shall be removed from the runoff zone liners. It is the responsibility of the contractor to dispose of such materials off-site.

Question 2: I do understand the bed of the sedimentation tank Run off is compacted 90% prior to installation of liner, The slope IS LESS THEN 20% on the left bank soon after the inlet structure ,where transition is R=34insied and R 50 is upside of the bank. Can the debris bring out from the bed on this slop, how mush is the bearing capacity of the liner and underneath soil per squire inch? that will help in writing the proposal and estimation to transport debris from the bed on light uniformly distributed weight carrying multi wheels carts .light weight mechanical equipment and dumping trollies. Or what is the suggested rout by the owner to debris out from the bed of the LDLD-3

Answer: Per the construction spec, LDLD 3's subgrade was 90% compaction. However, the spec. does not include the load bearing capacity information.

The District does not have a preferred haul route. Contractor may decide the equipment, methods, and cleaning processes to be used for cleaning the LDLD3 runoff zone liner and described the details in a Work Plan. Contractor's bid will include this Work Plan. Per the RFB Scope of Work 2. All equipment shall have the bottom padded to prevent damage to the liner. All equipment should not have sharp projections or edges on them that may puncture the liner.

Question 4: What is the life of this liner, how much detrition accrued due UV and other factors on this line over the period of it life.it may fragile under the debris.

Answer: The liner manufacture provided a 20 years warranty (expiring on 09/10/2023). As discussed during the Site Walk on 05/03/2022, selected contractor may inspect, take photos, and/or mark (spray paint) on the existing damaged area (such as rips, tears, punctures, and

fragile areas) before and during cleaning. The selected contractor may keep tracking the liner conditions and communicate with the District regarding the responsibility for the damages incurred during cleaning.

Question 5: Final cleaning; After removing of the soil and vegetation, broom cleaning followed by vacuumed shell be suffice or still need washing with low pressure wash?

Answer: Per the RFB Scope of Work 1. Cleaning shall include, but not limited to, removal of all dirt, mud, sand, harvested sludge, grass weeds, and other miscellaneous vegetation and debris. Contractor may decide the equipment and methods to be used for cleaning.

Question 6: After removing the debris, Can the contractor blow off residual dirt with air blower, off course it can generate dirt pollution, will it be acceptable in the field area.

Answer: As discussed during the Site Walk on 05/03/2022, the blower may not be the most effective equipment to remove the residual dirt. However, contractor may decide the equipment and methods to be used for cleaning.

Question 7: Sheet 18 drawing 35G97300 note 5: THE SUBSURFACE GRADE PLANS DEPICT THE SUBGRADE ON WHICH GEOMIEMBRANE LINERS WILL BE INSTALLED. CONTRACTOR SHALL PREPARE AND PROTECT THIS. Where geo membrane shall be install by the contract in this cleaning project? If so what are the specs of Geomembrane?

Answer: No geo membrane will need to be installed by the contractor during this cleaning project. Sheet #18, drawing# 35G97300 is a reference for LDLD3's layout and dimension. Note 5 was the instruction for the contractor that originally installed the liner in the past.

Question 8: If load bearing capacity is undetermined at this stage, can we assume it is equal to human load, as owner declared the liner if safe for walking with soft shoes for human, which normally 250 to max 300 lbs .

Answer: Per the RFB Scope of Work 2. All equipment shall have the bottom padded to prevent damage to the liner. All equipment should not have sharp projections or edges on them that may puncture the liner. The same applies to people walking on liner.

Question 9: Can I make one more trip to site to estimate the debris quantity and alanine the slopes with my superintendent . It will help me to plan the project proposal with bid.

Answer: You can NOT have another site visit as it will be an unfair advantage. Thanks for your understanding.