



CASE STUDY

ADVANCED DISPOSAL INSTALLS FODS ON CUMBERLAND COUNTY LANDFILL TO MAINTAIN SWPPP COMPLIANCE

BACKGROUND

The Cumberland County Landfill was opened in the 1970s and is a municipal solid waste landfill that contracts with residual waste generators in Pennsylvania and surrounding states. Permitted by the Department of Environmental Protection, Cumberland County Landfill can accept between 2500 and 2900 tons of waste daily, and currently sees 2300 tons of municipal solid waste, construction and demolition debris, municipal and industrial sewage sludges, asbestos, and residual wastes for disposal daily. Projected airspace at this location is expected to be depleted by 2024.

CHALLENGE

Hundreds of commercial and transfer trucks proceed to the landfill tipping face to dump their loads via haul roads. Sediment dislodged from tires, can be transported directly to nearby rivers, lakes, and coastal waters or indirectly via storm sewer and degrade water quality. Point sources of pollution such as municipal waste facilities are required to have a SWPPP plan that outlines techniques used to contain contaminated material and pollutants within the site. Landfill operators face controlling erosion of landfill slopes as a result of material and storage, expansion and other activities at landfill facilities culminating in changes to surface runoff and increased pollutant loading into receiving waters.

To maintain landfill compliance, landfill operators must also have a way to clean the tires of transfer trucks before they leave a site. Mud can be tracked out of a landfill onto public roads and become a driving hazard. When it dries, the trackout can become a major source of dust which causes issues for law enforcement and the DOT.





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SOLUTION

Stormwater and sediment control measures like FODS Reusable Construction Entrances are used to reduce and trap eroded sediment and eliminate point source pollutants before it enters stormwater discharge. As part of their SWPPP, Advanced Disposal Services installed a 1 x 6 mat configuration near their scale before the exit to the landfill. FODS helped to trap sediment and block contaminants tracked out from the trucks entering and leaving the site, and helped Advance Disposal stay in operating compliance.

FODS Reusable Construction Entrances save long term costs and have outstanding strength, are chemical and UV resistant, can be rapidly installed, removed, relocated and reused, and require minimum maintenance unlike traditional waste site rock entrances. FODS can be anchored to any substrate and configured any municipal landfill waste facility requirements.



FODS Reusable Construction Mats help industrial and municipal waste facilities mitigate mud and debris prior to becoming an issue for the DOT and before it can enter the stormwater system.

ABOUT FODS, LLC.

Based in Englewood Colorado, FODS Trackout Control System replace ineffective and costly traditional rock stabilized construction entrances, saving you valuable time and money. Our proprietary mat design works to effectively remove mud and sediment from your vehicle tires without damaging the tire or the ground's surface. We provide the only durable, reusable, and environmentally friendly trackout control system currently available on the market. FODS Trackout Control Mats are 100% Made in the USA and are reusable and recyclable.