



Transfer Station Fire Detection and Suppression System

(P802101)

Category	Recycling and Resource Management	Date Last Modified	12/23/20
SubCategory	Recycling and Resource Management	Administering Agency	Environmental Protection
Planning Area	Gaithersburg and Vicinity	Status	Final Design Stage

EXPENDITURE SCHEDULE (\$000s)

Cost Elements	Total	Thru FY20	Rem FY20	Total 6 Years	FY 21	FY 22	FY 23	FY 24	FY 25	FY 26	Beyond 6 Years
Construction	6,000	-	-	6,000	4,700	1,123	177	-	-	-	-
TOTAL EXPENDITURES	6,000	-	-	6,000	4,700	1,123	177	-	-	-	-

FUNDING SCHEDULE (\$000s)

Funding Source	Total	Thru FY20	Rem FY20	Total 6 Years	FY 21	FY 22	FY 23	FY 24	FY 25	FY 26	Beyond 6 Years
Current Revenue: Solid Waste Disposal	6,000	-	-	6,000	4,700	1,123	177	-	-	-	-
TOTAL FUNDING SOURCES	6,000	-	-	6,000	4,700	1,123	177	-	-	-	-

OPERATING BUDGET IMPACT (\$000s)

Impact Type	Total 6 Years	FY 21	FY 22	FY 23	FY 24	FY 25	FY 26
Maintenance	30	-	-	-	5	10	15
NET IMPACT	30	-	-	-	5	10	15

APPROPRIATION AND EXPENDITURE DATA (\$000s)

Appropriation FY 22 Request	1,300	Year First Appropriation	
Cumulative Appropriation	4,700	Last FY's Cost Estimate	-
Expenditure / Encumbrances	-		
Unencumbered Balance	4,700		

PROJECT DESCRIPTION

This project provides for the comprehensive design and installation of a new fire detection and suppression systems at the Shady Grove Processing and Transfer Facility. This project will include the installation of etection and suppression systems to replace the existing detection and suppression systems that are beyond their useful life. The project will also address other fire detection and suppression deficiencies and violations as identified by the County's Fire Department and Department of Permitting Services (DPS). The construction project will span about two years.

LOCATION

16101 Frederick Road, Derwood, Maryland

ESTIMATED SCHEDULE

The construction for the new fire detection and suppression systems will begin in FY21 and is scheduled to be completed in FY23.

PROJECT JUSTIFICATION

On February 13, 2020, the Department of Environmental Protection (DEP) received a Notice of Violation (Case No. 418905) from the County's Department of Permitting Services (DPS). This Notice of Violation cited a NFPA1-System Restore Violation for Case No. 418905. The Department is currently working through the Northeast Waste Disposal Authority with contractors to complete a design for the fire detection and suppression systems to address the Notice of Violation and the concerns posed by the County's insurance provider (FM Global). Therefore, this project completion is essential to remain DPS compliant, to mitigate frequent fires, and to eliminate health and safety concerns associated with having a deficient fire detection and suppression systems for solid waste operations.

FISCAL NOTE

Design of this project was funded in the operating budget using \$1.0 million in funds appropriated in FY19 and encumbered for this purpose. A FY21 supplemental appropriation added \$4.7 million in Current Revenue: Solid Waste Disposal.

COORDINATION

Northeast Maryland Waste Disposal Authority (NMWDA), Maryland Department of the Environment (MDE), Department of Permitting Services, FM Global, Covanta Energy, and County social service agencies, and adjacent property owners.