



# Memorandum

## MONTEREY REGIONAL WASTE MANAGEMENT DISTRICT

Reviewed by: [Signature] Date: 9/13/21  
General Manager

DATE: September 13, 2021  
TO: General Manager  
FROM: Senior Engineer  
SUBJECT: Landfill Storm Drain Piping Installation

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**RECOMMENDATION:** That the Board authorize the General Manager to execute a contract with Wood Brothers Inc. of Lemoore, CA for Landfill Storm Drain Piping Installation in the amount not to exceed \$90,000.

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### BACKGROUND

Each year, prior to the rainy season, MRWMD embarks on a site wide wet weather preparedness effort. This effort includes, but is not limited to, the installation, maintenance and repair of the site's storm water conveyance systems. These systems can include a network of ditches, swales, culverts, drain inlets and outlets, and pipes. It also includes fortifying erosion control measures, and the clean out of sediment in ponds and ditches. The preparation is different each year due to the changes that occur as the result of the past year's waste fill at the landfill and excavation of native sand in the borrow areas. The current disturbed area of the landfill is approximately 220 acres. The request being made under this agenda item is for MRWMD to hire a contractor to supply the materials and labor necessary to install the required stormwater piping at the landfill that is not already in-place. Examples of existing in-place piping are shown in the photos below.



## DISCUSSION

In 2020, MRWMD contracted Wood Brothers Inc. to install and extend the landfill's storm water conveyance network with success. Prior to 2020, MRWMD's Site Crew staff performed this work on top of their daily duties at the site. Contracting this work out in 2020 had the benefit of allowing MRWMD's site crew to focus their work on the daily activities at the site which include traffic control, litter abatement, assisting customers, and general site projects to name a few. In addition, the installation speed and quality of the stormwater conveyance systems improved due to the contractor's experience in performing this work routinely. This had an additional benefit that MRWMD's crews were not dealing with repairing the piping systems while a storm was in progress and could focus on ensuring the safe operation of the site. Most of the piping installed in 2020 is still in place and will be extended to meet the newly created topography of this past year's fill. Staff expects the piping to last a number of years and would like to realize the benefits noted above again this year.

Wood Brothers Inc. is a General Engineering Contractor skilled in earthwork and underground installation projects at landfills and non-landfill sites. The District's past experience with Wood Brothers includes the 2002 Module 4 Excavation and Liner, the 2019 Module 6 Excavation and Liner, the 2020 Landfill Stormwater Drain Piping Installation, and the 2021 Compost Site Improvements. In addition to being the lowest qualified bidder for those MRWMD project, Wood Brothers was a very competitive second lowest bidder for the Module 7 Mass Grading Project earlier this year due to the fact that the low bidder, Don Chapin Company, is already working on the site as part of their sand borrow mining activities. Staff believes that Wood Brothers' quality of work, immediate availability, understanding of the site, understanding of MRWMD's needs, as well as their competitive pricing make them the ideal contractor for this work at this time.

## FINANCIAL IMPACT

\$60,000 of this work was included in the FY 2021/22 Site Contracts/Outside Services budget. The remaining \$30,000 is expected to be covered by the surplus this year's budget is on track for. There are no other expenses or revenue considerations associated with this work, which is an annual infrastructure activity that is conducted annually.

## CONCLUSION

The Landfill Storm Drain Piping Installation will accomplish the necessary improvements to the landfill's stormwater conveyance systems for the 2021-22 wet weather season and improve the availability of MRWMD's staff time to accomplish other related site improvements for the wet weather season. Staff therefore recommends that the Board authorize the General Manager to execute a contract with Wood Brothers Inc. of Lemoore, CA for Landfill Storm Drain Piping Installation in the amount not to exceed \$90,000.



David Ramirez, P.E.