



# Memorandum

## MONTEREY REGIONAL WASTE MANAGEMENT DISTRICT

Reviewed by: *[Signature]* Date: 3/15/19  
for General Manager

DATE: March 15, 2019  
TO: General Manager  
FROM: Director of Operations  
SUBJECT: Purchase of Litter Fencing

**RECOMMENDATION:** That the Board ratify the purchase of ten sections of Wide Coastal Canopy Portable Litter Containment Units from Coastal Netting Systems of Bakersfield, CA at a cost of \$58,227.50, for on-site litter control.

### BACKGROUND

State regulations require the control of all wind-blown litter from the active face of the landfill as well as requirements of the local Lead Enforcement Agency (LEA) to control wind-blow litter from the Materials Recovery Facility (MRF). The District currently uses ten standard fifteen-foot (15') tall by twenty four-foot (24') wide "Canopy" Portable Wind fencing around the down-wind perimeter of the active landfill face, in addition to standard six-foot tall fencing around the perimeter of the landfill and several other locations to catch litter as vehicles tip their loads on the deck prior to being compacted by equipment. This is proving to be insufficient for the control of wind-blown litter during heavy wind-events. In June 2018, the District purchased the current "Bull" fences, which are a fixed, rigid framed moveable assembly that requires a bulldozer or compactor to put into place. These were purchased to replace older portable fencing units that were no longer functional for landfill operations.

With the commencement of operations of the MRF, there is a growing issue of wind-blown litter on the landfill as the loads being delivered to the landfill face from the MRF are containing large volumes of plastic film and bags that have been pulled out of the incoming loads to the MRF. In addition, the landfill operations are largely occurring on the upper deck of the fill, exposing loads of materials to the variable winds. There have been multiple occasions this winter in which litter has breached the fencing on the landfill face and spilled over onto the side slopes and encroached onto the boundaries of the District's property.

### DISCUSSION

Due to the increase volumes of wind-blown materials to the landfill face from the new MRF activities, the Site Maintenance crew has had to utilize between 2-4 temporary workers to help in the collection and control of litter. To mitigate the situation, District staff reviewed units from multiple vendors for consideration of purchase. Staff recommended and the General Manager approved the purchase of ten additional "Canopy" Portable Wind-fences (24'W x 15'H x 8'D) from Coastal Netting Systems due to the lowest price, the immediate availability of the units, and that they are in Bakersfield, CA.

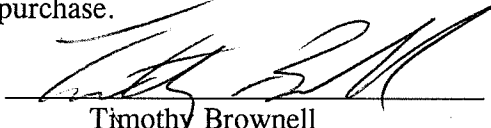
The fencing will all be used on the landfill for litter containment, since they will be in the best condition for efficient movement depending on wind direction as well as having a "Canopy" to keep litter from moving up and over the fencing, as well as side panels so that litter doesn't move across the fencing and get released around the edges of the fences. They have a heavy-duty lifting assembly that allows them to be moved by the existing landfill operations equipment so staff will not need to get out of the equipment that they are operating for normal landfill compaction and material movement operations when moving fencing to the desired areas of need. The addition of these portable fencing units will provide the operations team enough coverage to contain and control the windblown litter under the variable conditions that the site experiences.

### **FINANCIAL IMPACT**

While this purchase was not specifically identified in our Capital Outlay Plan of the FY 18/19 Budget, it qualifies for inclusion as a Miscellaneous Landfill investment paid with Bond proceeds.

### **CONCLUSION**

Staff requests Board ratification of the purchase of ten sections of Wide Coastal Canopy Portable Litter Containment constructed by Coastal Netting Systems of Bakersfield, CA at a cost of \$58,227.50. Funds from the Bond proceeds will be allocated and used for the purchase.



Timothy Brownell