



Memorandum MONTEREY REGIONAL WASTE MANAGEMENT DISTRICT

Reviewed by: [Signature] Date: 2/10/17
General Manager

DATE: February 10, 2017
TO: General Manager
FROM: Senior Engineer and Director of Engineering & Compliance/District Engineer
SUBJECT: Materials Recovery Facility (MRF) Improvement Project –Interim Operations Plan During Construction

The Materials Recovery Facility (MRF) Improvement project will have various impacts on the District’s operations as construction progresses through the building. Staff has met on a weekly basis over the past few months to ensure that the District can provide the best customer experience possible during the upcoming outage of the MRF sort line. The following descriptions explain how construction will progress through the building and how the District intends to serve its customers in each phase during the construction period.

During the MRF shutdown, various zones will be created as interim operations area to help with customer navigation through the site and to accomplish limited recycling and diversion activities. These zones are shown on the attached figure. Upon arrival to the site, District scale staff will direct each customer to a designated zone based on the type of materials being delivered by the customer. Once staff has determined the customer’s destination, the customer will be provided an “entry pass” that will allow the customer entry into the appropriate operations zone. As shown on the attached figure, new signs have been installed to guide the customer to the correct zone. District staff will also be available for traffic control to help guide customers to their designated zone. These zones are described as follows:

Red - Zone 1 is the existing MRF tipping floor. This area is designated for customers who do not need to receive a designated diversion credit.

Orange - Zone 2 is the landfill. This area is designated for customers who have little to no recoverable materials in their load and have the capability of driving on unpaved surfaces.

Green - Zone 3 is the yard waste area. This area will serve as the yard waste receiving & processing, product sales, appliance drop off, and high recycle content loads receiving area.

Blue - Zone 4 is an area for limited ground sorting and recyclable/waste transfer activities. This area will serve as the general refuse receiving, sorting, and outdoor transfer area. This zone is designated for customers who do not need to receive a designated diversion credit such as required by CalGreen or LEED. This zone is outfitted with an all-weather surface and is located within the existing permitted landfill footprint.

Yellow - Zone 5 is the LEED/CalGreen loads receiving and transfer area. This area will serve as the LEED and CalGreen receiving and transfer area. This zone is designated for customers who need to achieve maximum diversion credits. Loads received here will be charged \$90 per ton and will be transferred to a construction and demolition (C&D) MRF in the San Jose area that is capable of achieving more than 65% diversion rates.

The zones described above will be utilized to varying degrees as construction progresses in the MRF site. The following information explains how each zone is operated according to each phase of construction.

Phase 1 – Mid-February to Mid-March. The final operating day for the existing MRF sort line will be February 11, 2017, with the exception of intermittent startups to serve the AT&T Pebble Beach Pro-Am event. Demolition activities will begin on February 13, 2017. During Phase 1, the MRF tipping floor (Red Zone 1) will be available. Customers destined for this receiving area will enter the building and unload their material onto the tipping floor. District staff will conduct a manual ground sort of materials and recover as many recyclables as possible. Without a sort line, non-recoverable material will be loaded into roll off boxes for transfer to the landfill (Orange Zone 2).

In the event that the MRF tipping floor (Red Zone 1) becomes inundated with material, the outdoor transfer area (Blue Zone 4) is equipped to enable District staff to receive, sort and transfer material. Similar to the tipping floor, District staff will conduct a manual ground sort of materials and recover as many recyclables as possible. Non-recoverable materials will either be immediately transferred to the landfill or loaded into transfer boxes, covered by the end of the day, and then transferred to the landfill the following operating day. It is expected that Green Zone 3 and Yellow Zone 5 will operate as previously described for the duration of the project.

Phase 2 – Mid-March to April 30th. During Phase 2, District operations become limited on the MRF Tipping Floor (Red Zone 1) due to construction activities on the tipping floor, which include roof modifications and new equipment foundations. During this time, all efforts will be made to receive customers on the tipping floor (Red Zone 1), however it is expected that there will be more utilization of the outdoor transfer area (Blue Zone 4) where sorting efforts will be made as described in Phase 1.

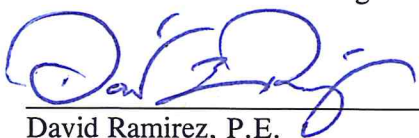
Phase 3 – May 1st – June 30th. During Phase 3, District operations are moved out of the MRF Tipping Floor (Red Zone 1) and into the outdoor transfer area (Blue Zone 4). This is due to MRF construction activities that include interior painting and foundation installation on the Tipping Floor (Red Zone 1) side of the building. This is also the phase in which BHS equipment is scheduled to arrive and be installed in the west side of the MRF building.

In addition to the ground sort occurring at the outdoor tipping area (Blue Zone 4), District staff will be able to conduct an additional ground sort at the landfill face (Orange Zone 2) aimed at recovering recyclable and reusable materials.

Phase 4 – July 1st – Early September. During Phase 4, District operations will continue as described in Phase 3. Construction in this phase will include site improvements to the south side of the building and improvements to the office wing of the building. In addition, BHS equipment installation will continue to progress as it moves to the east side of the building (Red Zone 1).

Phase 5 – Early September to October (Performance Testing). Once the facility and equipment are constructed, incoming material will be stockpiled on the MRF Tipping Floor (Red Zone 1) for use in commissioning and testing of the equipment. It is during this phase that the equipment will be operated at its maximum throughput in order to troubleshoot and resolve any equipment issues. The site will be operated as mentioned in Phase 3 on an as needed basis while these tests are conducted.

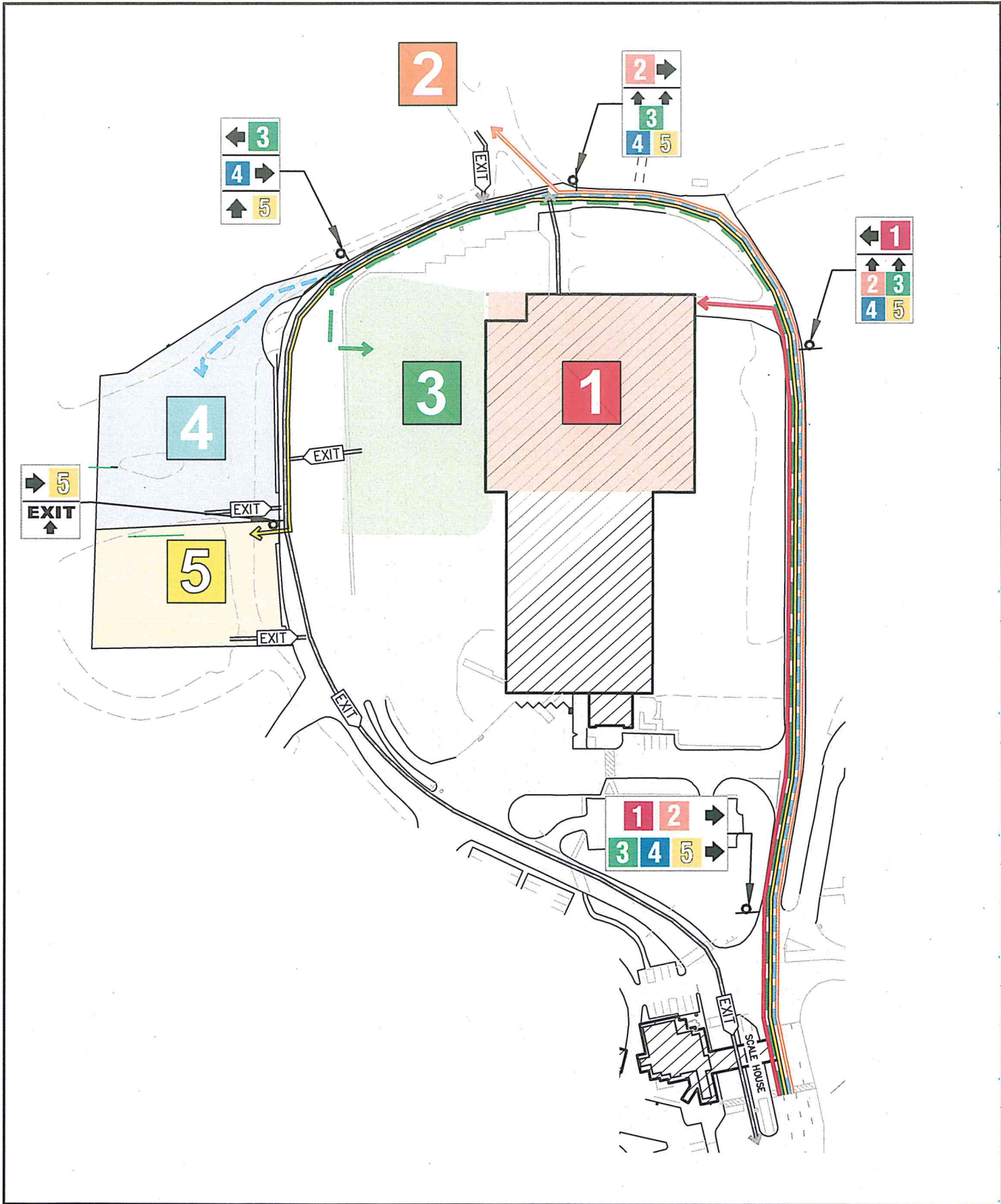
The preparations and planning as outlined are designed to enable the District to provide quality service and diversion opportunities during the MRF construction period. The site layout and zone designations are designed to be expanded and/or reduced in size as operations change throughout the project. This operational flexibility will allow District staff to serve the customer during these major renovations to the MRF.



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INTERIM TRAFFIC CIRCULATION PLAN

