

DTG Recycle – Yakima Limited Purpose Landfill Fire Evacuation Plan



June 2023

Facility Address:
41 Rocky Top Road
Yakima, WA. 98908

List of Abbreviations

DTG	DTG Recycle
Facility	41 Rocky Top Road, Yakima, WA 98908
LFCI	Landfill Fire Control, Inc.
LPL	limited purpose landfill
YHD	Yakima Health District
YVEM	Yakima Valley Emergency Management

FIRE EVACUATION PLAN

Facility Owner: DTG Enterprises, Inc.

Facility Type: Limited Purpose Landfill

Facility Location: 41 Rocky Top Road
Yakima, WA 98908

Facility Contact: Aaron Enebrad
DTG Enterprises, Inc.
PO Box 14203
Mill Creek, WA 98082

509-388-6812
aenebrad@dtgrecycle.com

INTRODUCTION

The purpose of this Yakima Limited Purpose Landfill (LPL) Fire Evacuation Plan is to protect the health and safety of employees at DTG Recycle (DTG) and the public in the event the current subsurface fire causes hazardous conditions requiring evacuation. This plan has been developed in coordination with the Yakima Health District (YHD) and Yakima Valley Emergency Management (YVEM).

This Fire Evacuation Plan is based in part on the Health and Safety, Fire Control and Monitoring Plan as developed by Landfill Fire Control, Inc. (LFCI) which is available under separate cover. This plan is also a supplement to the Emergency Action Plan contained within the Operations Plan for the facility.

This plan establishes evacuation procedures in response to potentially toxic gases and particulate matter, surface fire, and slope failure.

PROGRAM ADMINISTRATOR

The Site Manager is the Program Administrator.

The Program Administrator is responsible for:

1. Implementation of this Fire Evacuation Plan.
2. Arranging a site review with the Fire Marshal to discuss the fire response and evacuation planning.
3. Employee training with respect to this Fire Evacuation Plan.
 - a. Staff will be trained in the evacuation protocols.
 - b. Lead staff will be defined along with air horn locations and procedures.
 - c. A minimum of one evacuation drill will be implemented annually, and timed. The drill will include use of air horns and walkie talkie alerts.
4. Ongoing compliance with this Fire Evacuation Plan.

All onsite DTG operations employees must be familiar with and comply with this Fire Evacuation Plan.

EMERGENCY COORDINATOR

The Site Manager is the Emergency Coordinator in charge of the DTG response to an evacuation emergency. The Emergency Coordinator must make sure appropriate measures are taken in the event of the need for evacuation, notify appropriate authorities of the emergency, conduct all follow-up investigations and complete all necessary reports.

ROUTINE AIR QUALITY AND HAZARDOUS CONDITIONS MONITORING

DTG will continue to perform daily monitoring of ambient air in the vicinity of the subsurface fire and at designated locations along the property line in accordance with the Landfill Fire and Emission Assessment Work Plan as prepared by Parametrix and available under separate cover. Slope conditions will also be observed daily.

Daily monitoring and reporting will continue until systematic reductions are approved in accordance with the Health and Safety, Fire Control and Monitoring Plan.

The following ambient air quality alarm levels will be used for notice and evacuation:

Gas	Level 1	Level 2	OSHA
CH ₄	10%LEL	20% LEL	
O ₂	19.5%	23.5%	19.5% min, 23.5% max
CO	35 ppm	200 ppm	50 ppm PEL
H ₂ S	10 ppm	15 ppm	10 ppm PEL
PID	1 ppm	5 ppm	1 ppm PEL, 5 ppm STEL (Benzene)

The Occupational Safety and Health Administration (OSHA) standards are shown for reference including permissible exposure limit (PEL) at an 8-hour Time Weighted Average (TWA) and short-term exposure limits (STEL) where applicable.

If Level 1 conditions are identified within the site, DTG employees and visitors will be notified, levels will be rechecked on the analyzer, doors/windows will be closed on equipment, and employees and visitors will be repositioned up wind and out of the impacted air.

If Level 2 conditions are identified within the site, DTG employees and visitors will be required to exit the impacted area, wait for impacted air to dissipate, or to control impacted emissions through application of soil cover.

YHD and YVEM will be notified if Level 1 or Level 2 conditions are identified onsite.

If any chemicals of concern are identified at the property line, YHD and YVEM will be notified immediately, and a determination will be made if the YVEM emergency response structure (Alert Yakima) should be used to notify the public. YHD and YVEM will also determine if an offsite air quality monitoring program should be initiated to establish the level of air quality impact.

In the event of offsite air emissions, Ecology will provide initial resources to determine air quality. DTG will mobilize Freestone to continue offsite air monitoring beyond the initial Ecology response.

FIRE CONTROL AIR QUALITY AND HAZARDOUS CONDITIONS MONITORING

DTG will perform continuous monitoring of ambient air during fire control activities in the vicinity of the subsurface fire and periodically at designated locations along the property line in accordance with the Health and Safety, Fire Control and Monitoring Plan. Slope conditions will also be monitored during the work.

Workers within the Fire Control area will follow the personal protective equipment and procedure requirements in the Health and Safety, Fire Control and Monitoring Plan.

COMMUNITY AWARENESS

The Emergency Coordinator will inform YHD and YVEM about fire extinguishment plans prior to implementation to allow time for YHP and YVEM to inform the community through the YVEM emergency response structure which will effectively have the capacity to notify all cell phones with cell service within a YHD and YVEM defined evacuation zone.

If onsite air quality exceeds action levels at the property line, unstable slope conditions develop, or the subsurface fire becomes surficial, YHD and YVEM will be notified in accordance with the Communication/Alarm System section, and a determination will be made if the YVEM emergency response structure should be used to notify the public. YHD and YVEM will also determine if an offsite air quality monitoring program should be initiated to establish the level of air quality impact and to provide advisories for the public to either shelter indoors or evacuate downwind areas.

In the event of offsite air emissions, Ecology will provide initial resources to determine air quality. DTG will mobilize Freestone to continue offsite air monitoring beyond the initial Ecology response.

COMMUNICATION/ALARM SYSTEM

Should a perceived evacuation situation arise, the following steps are to be followed in response:

1. Whoever (DTG, YHD, or YVEM) observes or is informed of an emergency ("Reporting Party") must immediately call 911 if the situation involves a medical emergency or a threat of medical emergency. If a phone is not accessible, the Reporting Party will contact the scale office by radio and the scale attendant will call 911.
2. The Reporting Party must inform the Emergency Coordinator by phone or by face to face contact.
3. The Emergency Coordinator will assess the situation, and based upon that determination, initiate a site (or portion thereof) evacuation, consult with internal company resources, and/or call YHD and YVEM for outside assistance. 911 emergency response may be contacted if applicable.
4. The Emergency Coordinator will inform employees and visitors of the evacuation situation and clear the area as needed to protect human health and the environment.
 - a. The Emergency Coordinator will call and notify the access building and lead staff in the active disposal area, MRF area, and mining area that an evacuation is required and where the evacuation is applicable.
 - b. The Emergency Coordinator will notify staff with access to walkie talkies of the evacuation.
 - c. The access building staff will prevent site entry.
 - d. Lead staff will notify other staff in the vicinity of the evacuation, and sound a portable air horn three consecutive times to indicate an evacuation is required.
5. If required, YHD and YVEM will notify the community through the YVEM emergency response structure.
6. The Emergency Coordinator will notify YHD and YVEM of an evacuation within 15 minutes of establishing onsite health and safety. The notification chart is shown in Attachment A. The general Emergency Contact Numbers are included as Attachment B.

FIRE RESPONSE

If the subsurface fire becomes surficial, the following notification procedures must be undertaken.

1. Call 911 if the fire cannot easily be put out with a fire extinguisher or dirt, unless the Fire Control Response is underway and the fire is manageable with the resources present.
2. Activate the communication process to alert employees and visitors of the fire.
3. Inform the Emergency Coordinator of the following:
 - a. Type of fire.
 - b. Location of fire.
 - c. Extent and size of fire.
 - d. Injuries.
 - e. Action taken, if any
4. Evacuate the area of the fire (if necessary) in accordance with Evacuation Procedures.
5. The Emergency Coordinator will notify YHD, YVEM, and appropriate emergency responders in accordance with the Communication/Alarm System section.
6. If required, the Emergency Coordinator will meet the responding fire engine and direct them to the fire.

ONSITE EVACUATION PROCEDURES

In accordance with the Communication/Alarm System section, Employees and visitors will be notified by the Emergency Coordinator and lead staff if evacuation of the facility is necessary. Should an evacuation of the premises be necessary, employees will do the following:

1. Proceed to the nearest exit, notifying others as you go. Leave your personal belongings and company property as is. DO NOT WASTE TIME BY COLLECTING THESE ITEMS. Safety is most important at this time.
2. Emergency escape routes are posted throughout the facility and in scale office. A copy of the Onsite Emergency Escape Routes is included as Attachment C.
3. Proceed in a CALM AND ORDERLY fashion to the primary assembly area. If the primary assembly area is not a safe distance from the hazard, you will be informed to proceed to the secondary assembly area. The primary assembly area for DTG Recycle – Yakima LPL is the main driveway entrance.
4. Assist handicapped persons to the nearest exit and/or assembly area.
5. The Emergency Coordinator is responsible for making sure that all personnel have evacuated the premises and are present in their designated assembly area.
6. The Emergency Coordinator will take roll call to account for all employees and visitors. Any unaccounted-for persons will be reported to emergency response professionals.
7. No person may re-enter the area until instructed to do so by the Emergency Coordinator. No person may leave the assembly area until instructed to do so by the Emergency Coordinator.

OFFSITE EVACUATION PROCEDURES

The public within a YHD and YVEM defined evacuation zone may be notified by the YVEM emergency response structure if evacuation is necessary and of the applicable locations within the notification radius. Applicable locations will be determined by YVEM through consultation with emergency responders.

Evacuees will be required to follow YVEM evacuation protocols. Time permitting, evacuated properties should be secured by evacuees, including closing of all doors and windows.

Evacuees will have the option to assemble at the Home2 Suites at:

2420 W Nob Hill Blvd
Yakima, WA 98902
509-453-1806

Evacuees will be required to register at Home2 Suites so that accommodation can be made by DTG and situational update notifications can be provided. At the evacuee's option, displaced evacuees will be provided accommodations at Home2 Suites, or equivalent, by DTG for the duration of the evacuation period. Accommodation needs will be assessed on a case by case basis and appropriate measures taken to meet the needs of evacuees. Per diems for meals and incidentals will be provided at a daily rate of \$69 per person.

Registered evacuees will be situationally informed by YHD and YVEM and notified when it is safe to return to homes and places of employment.

ATTACHMENTS TO THE EMERGENCY ACTION PLAN

- Attachment A: Notification Chart
- Attachment B: Emergency Contact Numbers
- Attachment C: Onsite Emergency Evacuation Routes

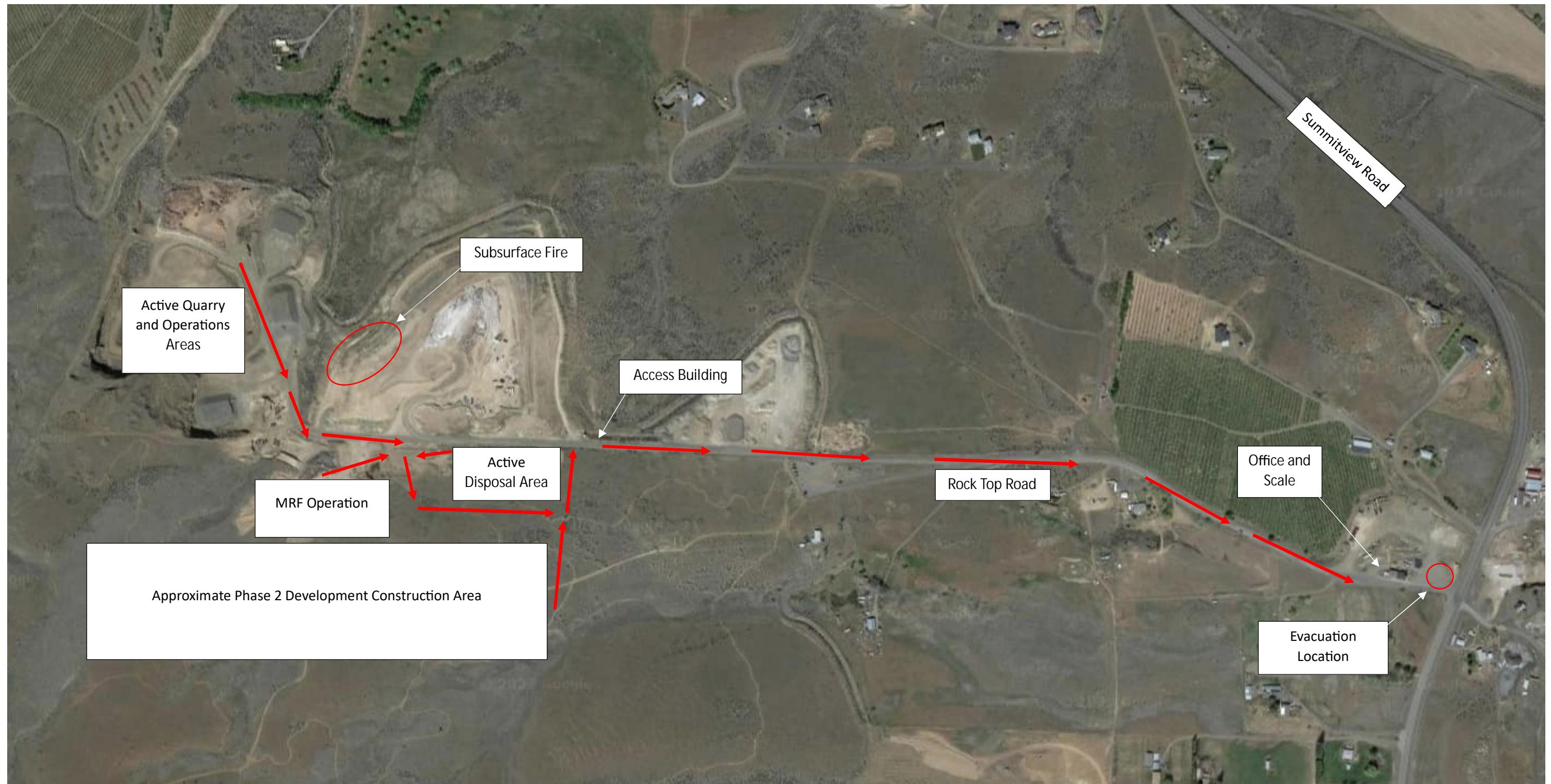
ATTACHMENT A:
NOTIFICATION CHART

Order of Contacts	Telephone Number
Emergency Responders, if applicable	911
Site Manager/Emergency Coordinator – Aaron Enebrad	509-388-6812
Secondary Contact – Wendy Kerr	509-654-8461
Yakima Health District – Steven Newchurch	509-575-4040
Secondary Contact-Andy Wilson	509-930-2115
Non-Business Hours (Shawn Magee)	509-945-6371
Yakima Valley Emergency Management – Duty Officer	509-574-1922

ATTACHMENT B:
EMERGENCY CONTACT NUMBERS

Name/Agency	Telephone Number
Site Manager/Emergency Coordinator – Aaron Enebrad	509-388-6812
Secondary Contact – Wendy Kerr	509-654-8461
Environmental, Health and Safety – Isaac Davis	425-686-4128
Emergency Notification Numbers:	
Ambulance/Police/Fire	911
Non-Emergency Fire	509-575-6060
Non-Emergency Police	509-575-6200
Yakima Health District	509-575-4040
Steven Newchurch	509-985-3058
Andy Wilson	509-930-2115
Non-Business Hours (Shawn Magee)	509-945-6371
Yakima Valley Emergency Management	509-574-1900
Duty Officer	509-574-1922
Washington State Department of Ecology	509-575-2490
Yakima Regional Clean Air Agency	509-834-2050
Freestone Environmental Services – Kira Murray	509-943-5222

ATTACHMENT C:
ONSITE EMERGENCY EVACUATION ROUTES



Attachment C
Onsite Emergency Evacuation Routes